

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/15/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	51.18	50.76	42.42	37.03	38.85	48.00	57.18	54.69	50.56	52.25	56.07	60.54	61.87	76.84	85.70	96.03	120.52	177.32	272.50	337.58	192.76	132.40	85.36	96.15
24138	2.47	2.48	2.41	2.26	2.37	2.50	2.56	2.72	3.12	3.21	3.12	3.14	3.80	5.38	6.42	7.35	9.13	12.87	18.37	21.17	12.69	9.15	4.91	4.27
	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	0.00	0.00	-0.67	-0.35	0.00
74TH STREET_GT_1	51.40	50.93	42.51	37.10	38.92	48.06	57.28	54.83	50.62	52.29	56.15	60.70	62.01	77.01	85.92	96.25	120.82	177.90	273.38	338.88	193.59	132.96	85.74	96.58
24260	2.69	2.65	2.50	2.32	2.44	2.56	2.66	2.85	3.19	3.26	3.20	3.30	3.94	5.55	6.65	7.58	9.43	13.45	19.24	22.47	13.53	9.71	5.29	4.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.67	-0.35	0.00
74TH STREET_GT_2	51.40	50.93	42.51	37.10	38.92	48.06	57.28	54.83	50.62	52.29	56.15	60.70	62.01	77.01	85.92	96.25	120.82	177.90	273.38	338.88	193.59	132.96	85.74	96.58
24261	2.69	2.65	2.50	2.32	2.44	2.56	2.66	2.85	3.19	3.26	3.20	3.30	3.94	5.55	6.65	7.58	9.43	13.45	19.24	22.47	13.53	9.71	5.29	4.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.67	-0.35	0.00
ADK HUDSON___FALLS	52.16	51.55	42.78	37.38	39.26	48.78	58.38	55.40	50.61	52.03	55.53	59.99	61.57	76.23	84.77	95.46	119.51	177.73	276.75	345.39	198.01	141.43	89.93	98.70
24011	3.45	3.27	2.77	2.61	2.78	3.28	3.77	3.42	3.17	3.00	2.59	2.59	3.51	4.78	5.50	6.79	8.11	13.29	22.61	28.98	17.95	11.96	6.42	6.82
	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	0.00	0.00	-6.89	-3.41	0.00
ADK RESOURCE___RCVRY	52.74	52.06	43.13	37.75	39.68	49.30	59.00	55.86	51.09	52.49	55.87	60.30	62.07	76.90	85.54	96.53	120.70	179.60	279.45	349.04	200.33	142.81	90.62	99.65
23798	4.02	3.78	3.12	2.97	3.20	3.80	4.39	3.89	3.66	3.46	2.92	2.90	4.00	5.45	6.27	7.86	9.31	15.15	25.31	32.63	20.27	13.30	7.19	7.77
	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	0.00	0.00	-6.93	-3.33	0.00
ADK S GLENS___FALLS	52.16	51.55	42.78	37.38	39.26	48.78	58.38	55.40	50.61	52.03	55.53	59.99	61.57	76.23	84.77	95.46	119.51	177.73	276.75	345.39	198.01	141.43	89.93	98.70
24028	3.45	3.27	2.77	2.61	2.78	3.28	3.77	3.42	3.17	3.00	2.59	2.59	3.51	4.78	5.50	6.79	8.11	13.29	22.61	28.98	17.95	11.96	6.42	6.82
	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	0.00	0.00	-6.89	-3.41	0.00
ADK_NYS___DAM	51.04	50.48	42.12	36.79	38.56	47.84	57.09	54.23	49.54	50.86	54.68	59.05	60.48	74.74	82.95	92.62	116.13	171.82	265.78	331.30	189.74	134.86	89.58	96.23
23527	2.33	2.20	2.11	2.01	2.08	2.33	2.47	2.26	2.11	1.83	1.73	1.65	2.42	3.29	3.67	3.95	4.74	7.38	11.65	14.90	9.67	7.39	4.36	4.35
	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	0.00	0.00	-4.89	-5.12	0.00
AIR_PRODUCTS___DRP	48.49	48.10	40.14	35.01	36.71	45.56	54.39	51.85	47.32	48.73	52.64	57.00	58.15	71.70	79.72	89.02	111.74	165.08	255.04	317.09	181.19	127.34	74.16	91.56
24190	-0.22	-0.18	0.13	0.23	0.23	0.06	-0.23	-0.12	-0.12	-0.30	-0.31	-0.40	0.08	0.25	0.44	0.35	0.35	0.64	0.91	0.68	1.13	1.11	0.20	-0.32
	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	0.00	0.00	-3.65	6.14	0.00
AKWESSNE_115KV_BK	48.61	48.20	39.77	34.42	36.09	45.26	54.58	51.92	47.26	48.79	52.84	57.19	57.24	69.91	77.38	86.87	109.29	160.75	248.37	308.80	174.72	118.82	78.33	91.50
355683	-0.10	-0.08	-0.24	-0.35	-0.40	-0.25	-0.04	-0.06	-0.18	-0.24	-0.10	-0.21	-0.83	-1.54	-1.89	-1.80	-2.11	-3.69	-5.76	-7.61	-5.34	-3.76	-1.77	-0.38
	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	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	48.85	48.49	40.43	35.25	36.97	45.93	54.86	52.19	47.46	48.68	52.48	56.81	57.96	71.59	79.46	88.83	111.36	164.63	255.14	318.19	181.98	127.24	74.78	92.28
323833	0.14	0.21	0.42	0.48	0.49	0.42	0.25	0.22	0.02	-0.34	-0.47	-0.59	-0.11	0.13	0.19	0.15	-0.03	0.19	1.01	1.78	1.91	1.88	0.78	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.78	6.10	0.00
ALBANY_2_SOLAR	48.83	48.48	40.42	35.24	36.96	45.91	54.84	52.17	47.44	48.66	52.45	56.77	57.93	71.55	79.43	88.77	111.33	164.57	255.02	318.04	181.87	127.15	74.76	92.23
323834	0.12	0.20	0.41	0.46	0.47	0.40	0.22	0.20	0.00	-0.37	-0.50	-0.62	-0.13	0.10	0.15	0.10	-0.06	0.12	0.89	1.63	1.81	1.79	0.75	0.35
	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	0.00	0.00	-2.78	6.09	0.00
ALBANY___1	48.49	48.10	40.14	35.01	36.71	45.56	54.39	51.85	47.32	48.73	52.64	57.00	58.15	71.70	79.72	89.02	111.74	165.08	255.04	317.09	181.19	127.34	74.16	91.56
23571	-0.22	-0.18	0.13	0.23	0.23	0.06	-0.23	-0.12	-0.12	-0.30	-0.31	-0.40	0.08	0.25	0.44	0.35	0.35	0.64	0.91	0.68	1.13	1.11	0.20	-0.32
	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	0.00	0.00	-3.65	6.14	0.00

ALBANY___2 23572	48.49 -0.22 0.00	48.10 -0.18 0.00	40.14 0.13 0.00	35.01 0.23 0.00	36.71 0.23 0.00	45.56 0.06 0.00	54.39 -0.23 0.00	51.85 -0.12 0.00	47.32 -0.12 0.00	48.73 -0.30 0.00	52.64 -0.31 0.00	57.00 -0.40 0.00	58.15 0.08 0.00	71.70 0.25 0.00	79.72 0.44 0.00	89.02 0.35 0.00	111.74 0.35 0.00	165.08 0.64 0.00	255.04 0.91 0.00	317.09 0.68 0.00	181.19 1.13 0.00	127.34 1.11 -3.65	74.16 0.20 6.14	91.56 -0.32 0.00
ALBANY___3 23573	48.49 -0.22 0.00	48.10 -0.18 0.00	40.14 0.13 0.00	35.01 0.23 0.00	36.71 0.23 0.00	45.56 0.06 0.00	54.39 -0.23 0.00	51.85 -0.12 0.00	47.32 -0.12 0.00	48.73 -0.30 0.00	52.64 -0.31 0.00	57.00 -0.40 0.00	58.15 0.08 0.00	71.70 0.25 0.00	79.72 0.44 0.00	89.02 0.35 0.00	111.74 0.35 0.00	165.08 0.64 0.00	255.04 0.91 0.00	317.09 0.68 0.00	181.19 1.13 0.00	127.34 1.11 -3.65	74.16 0.20 6.14	91.56 -0.32 0.00
ALBANY___4 23574	48.49 -0.22 0.00	48.10 -0.18 0.00	40.14 0.13 0.00	35.01 0.23 0.00	36.71 0.23 0.00	45.56 0.06 0.00	54.39 -0.23 0.00	51.85 -0.12 0.00	47.32 -0.12 0.00	48.73 -0.30 0.00	52.64 -0.31 0.00	57.00 -0.40 0.00	58.15 0.08 0.00	71.70 0.25 0.00	79.72 0.44 0.00	89.02 0.35 0.00	111.74 0.35 0.00	165.08 0.64 0.00	255.04 0.91 0.00	317.09 0.68 0.00	181.19 1.13 0.00	127.34 1.11 -3.65	74.16 0.20 6.14	91.56 -0.32 0.00
ALBANY___LFGE 323615	49.16 0.45 0.00	48.73 0.45 0.00	40.64 0.63 0.00	35.44 0.67 0.00	37.21 0.72 0.00	46.15 0.64 0.00	55.11 0.49 0.00	52.55 0.58 0.00	47.99 0.55 0.00	49.45 0.43 0.00	53.43 0.48 0.00	57.87 0.47 0.00	59.07 1.00 0.00	72.89 1.43 0.00	81.03 1.76 0.00	90.51 1.84 0.00	113.60 2.21 0.00	167.99 3.54 0.00	259.49 5.35 0.00	322.59 6.19 0.00	184.20 4.13 0.00	130.28 3.09 -4.61	82.85 1.47 -1.29	92.94 1.06 0.00
ALCOA_PA_115KV_PL-6C 55860	48.90 0.19 0.00	48.44 0.16 0.00	39.96 -0.05 0.00	34.58 -0.19 0.00	36.21 -0.27 0.00	45.43 -0.08 0.00	54.90 0.28 0.00	52.13 0.15 0.00	47.35 -0.08 0.00	48.80 -0.22 0.00	52.86 -0.09 0.00	57.19 -0.21 0.00	57.23 -0.84 0.00	69.90 -1.55 0.00	77.38 -1.89 0.00	86.80 -1.87 0.00	109.24 -2.16 0.00	161.36 -3.08 0.00	249.80 -4.33 0.00	310.96 -5.45 0.00	176.06 -4.00 0.00	119.76 -2.82 0.00	79.00 -1.10 0.00	91.94 0.06 0.00
ALCOA_RYNLDS___DRP 24188	48.90 0.19 0.00	48.44 0.16 0.00	39.96 -0.05 0.00	34.58 -0.19 0.00	36.21 -0.27 0.00	45.43 -0.08 0.00	54.90 0.28 0.00	52.13 0.15 0.00	47.35 -0.08 0.00	48.80 -0.22 0.00	52.86 -0.09 0.00	57.19 -0.21 0.00	57.23 -0.84 0.00	69.90 -1.55 0.00	77.38 -1.89 0.00	86.80 -1.87 0.00	109.24 -2.16 0.00	161.36 -3.08 0.00	249.80 -4.33 0.00	310.96 -5.45 0.00	176.06 -4.00 0.00	119.76 -2.82 0.00	79.00 -1.10 0.00	91.94 0.06 0.00
ALCOA___DSASP 323711	48.90 0.19 0.00	48.45 0.16 0.00	39.96 -0.05 0.00	34.58 -0.19 0.00	36.21 -0.27 0.00	45.43 -0.07 0.00	54.90 0.28 0.00	52.13 0.15 0.00	47.35 -0.08 0.00	48.80 -0.23 0.00	52.86 -0.09 0.00	57.19 -0.21 0.00	57.24 -0.83 0.00	69.90 -1.55 0.00	77.38 -1.89 0.00	86.80 -1.87 0.00	109.24 -2.16 0.00	161.37 -3.08 0.00	249.80 -4.33 0.00	310.96 -5.45 0.00	176.06 -4.00 0.00	119.76 -2.82 0.00	79.00 -1.10 0.00	91.94 0.06 0.00
ALLEGHENY___COGEN 23514	51.19 2.48 0.00	50.40 2.12 0.00	40.98 0.97 0.00	35.81 1.04 0.00	37.55 1.07 0.00	46.77 1.27 0.00	56.40 1.79 0.00	53.14 1.16 0.00	48.10 0.66 0.00	49.69 0.66 0.00	53.69 0.74 0.00	58.85 1.46 0.00	58.02 -0.04 0.00	69.23 -2.22 0.00	76.62 -2.66 0.00	84.93 -3.74 0.00	105.68 -5.71 0.00	155.99 -8.45 0.00	242.81 -11.32 0.00	310.73 -5.67 0.00	180.47 0.41 0.00	121.71 -0.87 0.00	80.48 0.38 0.00	97.48 5.60 0.00
ALTAMONT_115KV_TB 2 55880	49.29 0.58 0.00	48.91 0.63 0.00	40.77 0.76 0.00	35.54 0.76 0.00	37.28 0.80 0.00	46.27 0.77 0.00	55.28 0.67 0.00	52.66 0.68 0.00	48.01 0.57 0.00	49.47 0.44 0.00	53.37 0.42 0.00	57.80 0.40 0.00	58.88 0.82 0.00	72.70 1.25 0.00	80.79 1.51 0.00	90.18 1.51 0.00	113.20 1.81 0.00	167.31 2.87 0.00	258.54 4.41 0.00	321.86 5.45 0.00	183.87 3.81 0.00	128.44 2.91 -2.95	78.24 1.45 3.30	93.01 1.12 0.00
ALTONA_WT_PWR 323606	48.40 -0.31 0.00	47.95 -0.33 0.00	39.51 -0.49 0.00	34.26 -0.51 0.00	35.90 -0.58 0.00	44.88 -0.62 0.00	53.91 -0.70 0.00	51.45 -0.53 0.00	47.02 -0.42 0.00	48.51 -0.51 0.00	52.55 -0.40 0.00	56.83 -0.57 0.00	56.88 -1.19 0.00	69.77 -1.68 0.00	77.39 -1.88 0.00	86.96 -1.72 0.00	109.55 -1.84 0.00	162.15 -2.29 0.00	251.09 -3.04 0.00	313.30 -3.11 0.00	177.02 -3.04 0.00	120.37 -2.21 0.00	78.99 -1.11 0.00	91.50 -0.38 0.00
AMERICAN_REF_FUEL 24010	48.78 0.06 0.00	48.16 -0.12 0.00	38.59 -1.42 0.00	33.79 -0.99 0.00	35.44 -1.05 0.00	43.97 -1.54 0.00	52.78 -1.84 0.00	49.81 -2.16 0.00	45.94 -1.49 0.00	48.62 -0.41 0.00	52.97 0.02 0.00	58.15 0.76 0.00	59.19 1.12 0.00	74.18 2.73 0.00	82.00 2.72 0.00	90.42 1.74 0.00	112.22 0.82 0.00	165.76 1.32 0.00	254.57 0.44 0.00	317.92 1.51 0.00	182.64 2.58 0.00	122.86 0.28 0.00	80.40 0.30 0.00	91.41 -0.47 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	51.17 2.46 0.00	50.42 2.14 0.00	40.61 0.60 0.00	35.60 0.82 0.00	37.32 0.84 0.00	46.34 0.83 0.00	55.73 1.12 0.00	52.79 0.81 0.00	48.58 1.14 0.00	51.35 2.33 0.00	55.87 2.92 0.00	60.93 3.54 0.00	62.05 3.99 0.00	77.55 6.10 0.00	85.94 6.67 0.00	94.77 6.10 0.00	118.10 6.71 0.00	173.98 9.54 0.00	267.75 13.62 0.00	336.52 20.11 0.00	193.68 13.61 0.00	130.06 7.48 0.00	84.50 4.40 0.00	95.53 3.65 0.00
ARTHUR KILL_GT_1 23520	50.77 2.06 0.00	50.51 2.23 0.00	42.31 2.30 0.00	36.92 2.15 0.00	38.72 2.24 0.00	47.64 2.14 0.00	56.54 1.93 0.00	54.17 2.20 0.00	50.13 2.69 0.00	51.37 2.34 0.00	55.13 2.19 0.00	59.55 2.15 0.00	60.82 2.76 0.00	75.50 4.05 0.00	84.26 4.99 0.00	94.54 5.87 0.00	115.14 7.24 3.50	174.62 10.22 0.04	259.97 14.97 9.13	328.96 17.43 4.88	180.81 10.91 10.17	131.38 8.14 -0.66	84.77 4.32 -0.35	95.40 3.52 0.00
ARTHUR_KILL_2 23512	50.58 1.87 0.00	50.33 2.04 0.00	42.17 2.16 0.00	36.79 2.01 0.00	38.60 2.11 0.00	47.48 1.98 0.00	56.31 1.70 0.00	53.96 1.98 0.00	49.96 2.52 0.00	51.20 2.17 0.00	54.92 1.97 0.00	59.32 1.93 0.00	60.57 2.51 0.00	75.19 3.74 0.00	83.88 4.61 0.00	94.10 5.42 0.00	114.51 6.61 3.50	173.73 9.33 0.04	258.69 13.69 9.13	327.33 15.80 4.88	179.84 9.94 10.17	130.70 7.46 -0.66	84.36 3.91 -0.35	94.98 3.10 0.00
ARTHUR_KILL_3 23513	50.61 1.90 0.00	50.17 1.88 0.00	41.95 1.94 0.00	36.61 1.84 0.00	38.41 1.93 0.00	47.41 1.91 0.00	56.42 1.80 0.00	53.98 2.01 0.00	49.83 2.39 0.00	51.41 2.38 0.00	55.15 2.20 0.00	59.57 2.17 0.00	60.85 2.78 0.00	75.56 4.11 0.00	84.31 5.04 0.00	94.45 5.78 0.00	115.00 7.11 3.51	174.42 10.03 0.05	258.99 13.99 9.13	327.44 15.90 4.87	179.65 9.74 10.16	130.51 7.26 -0.67	84.25 3.81 -0.35	94.93 3.05 0.00

ARTHUR_KILL_COGEN 323718	50.77 2.06 0.00	50.51 2.23 0.00	42.32 2.31 0.00	36.92 2.15 0.00	38.72 2.24 0.00	47.66 2.15 0.00	56.54 1.93 0.00	54.17 2.20 0.00	50.15 2.71 0.00	51.38 2.35 0.00	55.14 2.19 0.00	59.56 2.17 0.00	60.82 2.75 0.00	75.50 4.05 0.00	84.27 4.99 0.00	94.54 5.87 0.00	115.08 7.19 3.50	174.60 10.19 0.04	259.96 14.96 9.13	328.98 17.45 4.88	180.81 10.91 10.17	131.37 8.13 -0.66	84.77 4.32 -0.35	95.40 3.52 0.00
ASHOKAN____ 23654	51.22 2.51 0.00	50.68 2.39 0.00	42.16 2.15 0.00	36.67 1.90 0.00	38.36 1.88 0.00	47.55 2.05 0.00	56.81 2.20 0.00	54.08 2.11 0.00	49.41 1.97 0.00	50.90 1.87 0.00	54.86 1.91 0.00	59.28 1.89 0.00	60.61 2.55 0.00	75.07 3.62 0.00	83.95 4.68 0.00	94.05 5.37 0.00	119.03 7.63 0.00	175.38 10.94 0.00	271.62 17.49 0.00	338.49 22.08 0.00	193.40 13.33 0.00	133.62 8.94 -2.10	80.45 4.96 4.60	96.21 4.33 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.00 2.28 -0.01	50.58 2.30 0.00	42.31 2.30 0.00	36.89 2.11 0.00	38.69 2.20 0.00	47.69 2.19 0.00	56.80 2.18 0.00	54.38 2.40 0.00	50.25 2.82 0.00	51.78 2.75 0.00	55.49 2.54 0.00	59.97 2.57 0.00	61.23 3.15 -0.01	75.96 4.50 -0.01	84.68 5.40 -0.01	94.87 6.19 -0.01	119.01 7.60 -0.01	175.21 10.76 -0.01	269.74 15.60 -0.01	334.30 17.88 -0.01	191.08 11.01 -0.01	131.28 8.02 -0.68	84.76 4.31 -0.36	95.58 3.69 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	51.00 2.28 -0.01	50.58 2.30 0.00	42.31 2.30 0.00	36.88 2.11 0.00	38.69 2.20 0.00	47.69 2.19 0.00	56.80 2.18 0.00	54.38 2.40 0.00	50.25 2.82 0.00	51.78 2.75 0.00	55.49 2.54 0.00	59.97 2.57 0.00	61.23 3.15 -0.01	75.96 4.50 -0.01	84.68 5.40 -0.01	94.87 6.19 -0.01	119.01 7.60 -0.01	175.21 10.76 -0.01	269.74 15.60 -0.01	334.30 17.88 -0.01	191.08 11.01 -0.01	131.28 8.02 -0.68	84.76 4.31 -0.36	95.58 3.69 -0.01
ASTORIA_GT2_1 24094	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01
ASTORIA_GT2_2 24095	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01
ASTORIA_GT2_3 24096	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01
ASTORIA_GT2_4 24097	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01
ASTORIA_GT3_1 24098	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01
ASTORIA_GT3_2 24099	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01
ASTORIA_GT3_3 24100	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01
ASTORIA_GT3_4 24101	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01
ASTORIA_GT4_1 24102	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01
ASTORIA_GT4_2 24103	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01
ASTORIA_GT4_3 24104	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01

ASTORIA_GT4_4 24105	51.03 2.32 0.00	50.60 2.32 0.00	42.33 2.32 0.00	36.90 2.13 0.00	38.70 2.22 0.00	47.71 2.20 0.00	56.83 2.22 0.00	54.42 2.45 0.00	50.28 2.84 0.00	51.79 2.77 0.00	55.52 2.58 0.00	59.99 2.59 0.00	61.27 3.21 0.00	75.98 4.53 0.00	84.71 5.43 0.00	94.90 6.23 0.00	119.06 7.66 -0.01	175.32 10.87 -0.01	269.90 15.77 -0.01	334.54 18.12 -0.01	191.16 11.08 -0.01	131.37 8.11 -0.68	84.81 4.36 -0.36	95.61 3.72 -0.01
ASTORIA_GT_1 23523	51.13 2.42 0.00	50.72 2.44 0.00	42.42 2.41 0.00	36.97 2.20 0.00	38.78 2.30 0.00	47.81 2.31 0.00	56.96 2.34 0.00	54.54 2.56 0.00	50.40 2.97 0.00	51.93 2.90 0.00	55.68 2.73 0.00	60.16 2.77 0.00	61.45 3.39 0.00	76.20 4.75 0.00	84.99 5.72 0.00	95.21 6.53 0.00	119.45 8.05 -0.01	175.89 11.44 -0.01	270.72 16.57 -0.01	335.55 19.13 -0.01	191.73 11.66 -0.01	131.74 8.48 -0.68	85.05 4.60 -0.36	95.87 3.98 -0.01
ASTORIA_GT_10 24110	50.73 2.02 0.00	50.38 2.09 0.00	42.14 2.13 0.00	36.76 1.98 0.00	38.56 2.07 0.00	47.57 2.06 0.00	56.56 1.95 0.00	54.13 2.16 0.00	50.08 2.64 0.00	51.59 2.56 0.00	55.34 2.39 0.00	59.72 2.33 0.00	61.02 2.95 0.00	75.70 4.25 0.00	84.44 5.17 0.00	94.62 5.94 0.00	118.70 7.31 0.01	174.73 10.30 0.01	251.30 14.43 17.27	313.35 16.49 19.55	148.48 10.16 41.75	99.77 7.47 30.28	67.40 3.88 16.58	81.40 3.15 13.62
ASTORIA_GT_11 24225	50.73 2.02 0.00	50.38 2.09 0.00	42.14 2.13 0.00	36.76 1.98 0.00	38.56 2.07 0.00	47.57 2.06 0.00	56.56 1.95 0.00	54.13 2.16 0.00	50.08 2.64 0.00	51.59 2.56 0.00	55.34 2.39 0.00	59.72 2.33 0.00	61.02 2.95 0.00	75.70 4.25 0.00	84.44 5.17 0.00	94.62 5.94 0.00	118.70 7.31 0.01	174.73 10.30 0.01	251.30 14.43 17.27	313.35 16.49 19.55	148.48 10.16 41.75	99.77 7.47 30.28	67.40 3.88 16.58	81.40 3.15 13.62
ASTORIA_GT_12 24226	50.73 2.02 0.00	50.38 2.09 0.00	42.14 2.13 0.00	36.76 1.98 0.00	38.56 2.07 0.00	47.57 2.06 0.00	56.56 1.95 0.00	54.13 2.16 0.00	50.08 2.64 0.00	51.59 2.56 0.00	55.34 2.39 0.00	59.72 2.33 0.00	61.02 2.95 0.00	75.70 4.25 0.00	84.44 5.17 0.00	94.62 5.94 0.00	118.70 7.31 0.01	174.73 10.30 0.01	251.30 14.43 17.27	313.35 16.49 19.55	148.48 10.16 41.75	99.77 7.47 30.28	67.40 3.88 16.58	81.40 3.15 13.62
ASTORIA_GT_13 24227	50.73 2.02 0.00	50.38 2.09 0.00	42.14 2.13 0.00	36.76 1.98 0.00	38.56 2.07 0.00	47.57 2.06 0.00	56.56 1.95 0.00	54.13 2.16 0.00	50.08 2.64 0.00	51.59 2.56 0.00	55.34 2.39 0.00	59.72 2.33 0.00	61.02 2.95 0.00	75.70 4.25 0.00	84.44 5.17 0.00	94.62 5.94 0.00	118.70 7.31 0.01	174.73 10.30 0.01	251.30 14.43 17.27	313.35 16.49 19.55	148.48 10.16 41.75	99.77 7.47 30.28	67.40 3.88 16.58	81.40 3.15 13.62
ASTORIA_GT_5 24106	51.13 2.42 0.00	50.72 2.44 0.00	42.42 2.41 0.00	36.97 2.20 0.00	38.78 2.30 0.00	47.81 2.31 0.00	56.96 2.34 0.00	54.54 2.56 0.00	50.40 2.97 0.00	51.93 2.90 0.00	55.68 2.73 0.00	60.16 2.77 0.00	61.45 3.39 0.00	76.20 4.75 0.00	84.99 5.72 0.00	95.21 6.53 0.00	119.45 8.05 -0.01	175.89 11.44 -0.01	270.72 16.57 -0.01	335.55 19.13 -0.01	191.73 11.66 -0.01	131.74 8.48 -0.68	85.05 4.60 -0.36	95.87 3.98 -0.01
ASTORIA_GT_7 24107	51.13 2.42 0.00	50.72 2.44 0.00	42.42 2.41 0.00	36.97 2.20 0.00	38.78 2.30 0.00	47.81 2.31 0.00	56.96 2.34 0.00	54.54 2.56 0.00	50.40 2.97 0.00	51.93 2.90 0.00	55.68 2.73 0.00	60.16 2.77 0.00	61.45 3.39 0.00	76.20 4.75 0.00	84.99 5.72 0.00	95.21 6.53 0.00	119.45 8.05 -0.01	175.89 11.44 -0.01	270.72 16.57 -0.01	335.55 19.13 -0.01	191.73 11.66 -0.01	131.74 8.48 -0.68	85.05 4.60 -0.36	95.87 3.98 -0.01
ASTORIA_GT_8 24108	51.13 2.42 0.00	50.72 2.44 0.00	42.42 2.41 0.00	36.97 2.20 0.00	38.78 2.30 0.00	47.81 2.31 0.00	56.96 2.34 0.00	54.54 2.56 0.00	50.40 2.97 0.00	51.93 2.90 0.00	55.68 2.73 0.00	60.16 2.77 0.00	61.45 3.39 0.00	76.20 4.75 0.00	84.99 5.72 0.00	95.21 6.53 0.00	119.45 8.05 -0.01	175.89 11.44 -0.01	270.72 16.57 -0.01	335.55 19.13 -0.01	191.73 11.66 -0.01	131.74 8.48 -0.68	85.05 4.60 -0.36	95.87 3.98 -0.01
ASTORIA___2 24149	51.03 2.31 -0.01	50.61 2.32 0.00	42.32 2.31 0.00	36.90 2.12 0.00	38.70 2.22 0.00	47.72 2.22 0.00	56.84 2.22 0.00	54.43 2.45 0.00	50.29 2.85 0.00	51.80 2.77 0.00	55.52 2.58 0.00	60.01 2.60 0.00	61.27 3.20 -0.01	75.99 4.53 -0.01	84.71 5.43 -0.01	94.91 6.23 -0.01	119.05 7.65 -0.01	175.31 10.86 -0.01	269.91 15.77 -0.01	334.51 18.10 -0.01	191.12 11.05 -0.01	131.35 8.10 -0.68	84.80 4.35 -0.36	95.62 3.73 -0.01
ASTORIA___3 23516	50.72 2.01 0.00	50.38 2.10 0.00	42.13 2.12 0.00	36.76 1.98 0.00	38.55 2.07 0.00	47.58 2.07 0.00	56.57 1.95 0.00	54.13 2.16 0.00	50.08 2.65 0.00	51.59 2.56 0.00	55.34 2.39 0.00	59.73 2.33 0.00	61.00 2.93 0.00	75.70 4.25 0.00	84.44 5.16 0.00	94.62 5.95 0.00	118.68 7.29 0.01	174.69 10.25 0.01	251.26 14.40 17.27	313.34 16.48 19.55	148.45 10.14 41.75	99.73 7.43 30.28	67.39 3.87 16.58	81.40 3.14 13.62
ASTORIA___4 23517	50.73 2.02 0.00	50.38 2.09 0.00	42.14 2.13 0.00	36.76 1.98 0.00	38.56 2.07 0.00	47.57 2.06 0.00	56.56 1.95 0.00	54.13 2.16 0.00	50.08 2.64 0.00	51.59 2.56 0.00	55.34 2.39 0.00	59.72 2.33 0.00	61.01 2.94 0.00	75.70 4.25 0.00	84.43 5.16 0.00	94.62 5.94 0.00	118.70 7.31 0.01	174.71 10.28 0.01	251.30 14.43 17.27	313.35 16.49 19.55	148.46 10.14 41.75	99.77 7.47 30.28	67.40 3.88 16.58	81.40 3.15 13.62
ASTORIA___5 23518	50.72 2.01 0.00	50.38 2.10 0.00	42.13 2.12 0.00	36.76 1.98 0.00	38.55 2.07 0.00	47.58 2.07 0.00	56.57 1.95 0.00	54.13 2.16 0.00	50.08 2.65 0.00	51.60 2.57 0.00	55.34 2.39 0.00	59.73 2.33 0.00	61.00 2.93 0.00	75.70 4.25 0.00	84.44 5.16 0.00	94.62 5.95 0.00	118.68 7.29 0.01	174.69 10.25 0.01	251.26 14.40 17.27	313.34 16.48 19.55	148.45 10.14 41.75	99.73 7.43 30.28	67.39 3.87 16.58	81.40 3.14 13.62
AST_ENERGY_2_CC3 323677	50.81 2.09 0.00	50.35 2.06 0.00	42.04 2.03 0.00	36.70 1.92 0.00	38.48 2.00 0.00	47.53 2.03 0.00	56.59 1.98 0.00	54.15 2.18 0.00	50.00 2.56 0.00	51.60 2.57 0.00	55.38 2.43 0.00	59.85 2.45 0.00	61.15 3.08 0.00	75.93 4.48 0.00	84.74 5.47 0.00	94.95 6.27 0.00	119.16 7.77 0.00	175.44 11.00 0.00	269.55 15.42 0.00	334.07 17.66 0.00	190.85 10.79 0.00	131.17 7.91 -0.67	84.61 4.16 -0.35	95.33 3.45 0.00
AST_ENERGY_2_CC4 323678	50.81 2.09 0.00	50.35 2.06 0.00	42.04 2.03 0.00	36.70 1.92 0.00	38.48 2.00 0.00	47.53 2.03 0.00	56.59 1.98 0.00	54.15 2.18 0.00	50.00 2.56 0.00	51.60 2.57 0.00	55.38 2.43 0.00	59.85 2.45 0.00	61.15 3.08 0.00	75.93 4.48 0.00	84.74 5.47 0.00	94.95 6.27 0.00	119.16 7.77 0.00	175.44 11.00 0.00	269.55 15.42 0.00	334.07 17.66 0.00	190.85 10.79 0.00	131.17 7.91 -0.67	84.61 4.16 -0.35	95.33 3.45 0.00

ATHENS_STG_1 23668	49.57 0.86 0.00	49.24 0.95 0.00	41.09 1.08 0.00	35.84 1.06 0.00	37.59 1.10 0.00	46.60 1.10 0.00	55.62 1.00 0.00	53.02 1.04 0.00	48.39 0.95 0.00	49.92 0.89 0.00	53.83 0.88 0.00	58.27 0.87 0.00	59.44 1.37 0.00	73.50 2.05 0.00	81.75 2.48 0.00	91.18 2.50 0.00	114.47 3.08 0.00	168.95 4.50 0.00	260.45 6.32 0.00	323.62 7.21 0.00	184.99 4.93 0.00	126.87 3.77 -0.52	82.03 1.94 0.00	93.41 1.53 0.00
ATHENS_STG_2 23670	49.57 0.86 0.00	49.24 0.95 0.00	41.09 1.08 0.00	35.84 1.06 0.00	37.59 1.10 0.00	46.60 1.10 0.00	55.62 1.00 0.00	53.02 1.04 0.00	48.39 0.95 0.00	49.92 0.89 0.00	53.83 0.88 0.00	58.27 0.87 0.00	59.44 1.37 0.00	73.50 2.05 0.00	81.75 2.48 0.00	91.18 2.50 0.00	114.47 3.08 0.00	168.95 4.50 0.00	260.45 6.32 0.00	323.62 7.21 0.00	184.99 4.93 0.00	126.87 3.77 -0.52	82.03 1.94 0.00	93.41 1.53 0.00
ATHENS_STG_3 23677	49.57 0.86 0.00	49.24 0.95 0.00	41.09 1.08 0.00	35.84 1.06 0.00	37.59 1.10 0.00	46.60 1.10 0.00	55.62 1.00 0.00	53.02 1.04 0.00	48.39 0.95 0.00	49.92 0.89 0.00	53.83 0.88 0.00	58.27 0.87 0.00	59.44 1.37 0.00	73.50 2.05 0.00	81.75 2.48 0.00	91.18 2.50 0.00	114.47 3.08 0.00	168.95 4.50 0.00	260.45 6.32 0.00	323.62 7.21 0.00	184.99 4.93 0.00	126.87 3.77 -0.52	82.03 1.94 0.00	93.41 1.53 0.00
AUBURN____LFGE 323710	49.72 1.01 0.00	49.18 0.90 0.00	40.56 0.56 0.00	35.35 0.58 0.00	37.09 0.61 0.00	45.99 0.48 0.00	55.63 0.73 -0.28	52.47 0.43 -0.06	47.88 0.45 0.00	49.82 0.79 0.00	53.67 0.72 0.00	58.53 1.14 0.00	59.68 1.61 0.00	73.57 2.12 0.00	81.60 2.33 0.00	90.83 2.16 0.00	113.82 2.43 0.00	168.08 3.64 0.00	261.09 6.77 -0.19	330.18 11.95 -1.82	188.55 7.79 -0.69	129.86 4.72 -2.56	82.57 2.16 -0.31	94.24 1.81 -0.56
BABYLON_RES_REC 323704	50.27 1.56 0.00	49.86 1.58 0.00	41.52 1.52 0.00	36.21 1.43 0.00	37.98 1.50 0.00	46.84 1.34 0.00	55.42 0.80 0.00	52.97 1.00 0.00	28.57 1.29 20.16	30.57 1.35 19.81	53.85 1.43 0.53	57.06 0.79 1.13	59.09 1.65 0.63	74.25 2.81 0.00	82.81 3.53 0.00	93.27 4.61 0.01	117.30 5.91 0.01	171.61 8.36 1.19	263.53 11.37 1.97	204.45 12.24 124.20	117.35 7.92 70.63	98.17 6.52 30.94	72.23 2.80 10.66	94.27 2.39 0.00
BALL_HILL_WT_PWR 323825	50.37 1.66 0.00	49.66 1.37 0.00	40.03 0.02 0.00	35.09 0.31 0.00	36.76 0.28 0.00	45.62 0.12 0.00	54.81 0.19 0.00	51.85 -0.12 0.00	47.72 0.28 0.00	50.47 1.44 0.00	54.89 1.94 0.00	60.14 2.74 0.00	61.17 3.11 0.00	76.46 5.01 0.00	84.68 5.41 0.00	93.39 4.71 0.00	116.34 4.94 0.00	171.52 7.07 0.00	263.74 9.61 0.00	330.77 14.36 0.00	190.23 10.16 0.00	127.89 5.31 0.00	83.00 2.91 0.00	94.04 2.16 0.00
BARON_WINDS____WT_PWR 323822	49.93 1.21 0.00	49.35 1.07 0.00	40.28 0.27 0.00	35.22 0.44 0.00	36.95 0.47 0.00	45.86 0.36 0.00	55.30 0.69 0.00	51.84 -0.13 0.00	47.33 -0.11 0.00	49.48 0.45 0.00	53.28 0.33 0.00	58.39 0.99 0.00	59.75 1.68 0.00	74.08 2.63 0.00	82.12 2.85 0.00	90.74 2.07 0.00	113.37 1.97 0.00	167.14 2.70 0.00	258.50 4.31 -0.05	327.09 10.18 -0.50	188.21 7.96 -0.19	127.48 4.01 -0.89	81.73 1.54 -0.09	93.00 0.97 -0.15
BARRETT_IC_1 23704	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.60 4.94 0.01	117.49 6.11 0.02	175.83 8.51 -2.88	265.90 11.76 -0.01	201.81 12.56 127.16	189.20 7.92 -1.22	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BARRETT_IC_10 23701	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.34 4.94 0.26	117.11 6.11 0.39	175.83 8.51 -2.88	265.90 11.76 -0.01	193.87 12.56 135.10	187.42 7.92 0.57	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BARRETT_IC_11 23702	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.34 4.94 0.26	117.11 6.11 0.39	175.83 8.51 -2.88	265.90 11.76 -0.01	193.87 12.56 135.10	187.42 7.92 0.57	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BARRETT_IC_12 23703	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.34 4.94 0.26	117.11 6.11 0.39	175.83 8.51 -2.88	265.90 11.76 -0.01	193.87 12.56 135.10	187.42 7.92 0.57	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BARRETT_IC_2 23705	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.60 4.94 0.01	117.49 6.11 0.02	175.83 8.51 -2.88	265.90 11.76 -0.01	201.81 12.56 127.16	189.20 7.92 -1.22	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BARRETT_IC_3 23706	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.60 4.94 0.01	117.49 6.11 0.02	175.83 8.51 -2.88	265.90 11.76 -0.01	201.81 12.56 127.16	189.20 7.92 -1.22	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BARRETT_IC_4 23707	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.60 4.94 0.01	117.49 6.11 0.02	175.83 8.51 -2.88	265.90 11.76 -0.01	201.81 12.56 127.16	189.20 7.92 -1.22	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BARRETT_IC_5 23708	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.60 4.94 0.01	117.49 6.11 0.02	175.83 8.51 -2.88	265.90 11.76 -0.01	201.81 12.56 127.16	189.20 7.92 -1.22	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01

BARRETT_IC_6 23709	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.60 4.94 0.01	117.49 6.11 0.02	175.83 8.51 -2.88	265.90 11.76 -0.01	201.81 12.56 127.16	189.20 7.92 -1.22	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BARRETT_IC_7 23710	50.44 1.72 0.00	49.98 1.69 0.00	41.62 1.61 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.12 1.61 0.00	55.70 1.08 0.00	53.13 1.16 0.00	25.23 1.35 23.56	27.25 1.39 23.17	53.83 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.12 0.00	83.29 4.02 0.00	93.58 4.92 0.01	117.49 6.11 0.02	175.85 8.53 -2.88	265.89 11.76 0.00	202.02 12.77 127.16	189.15 7.87 -1.22	274.87 6.96 -145.33	133.26 3.38 -49.77	94.76 2.88 0.00
BARRETT_IC_8 23711	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.60 4.94 0.01	117.49 6.11 0.02	175.83 8.51 -2.88	265.90 11.76 -0.01	201.81 12.56 127.16	189.20 7.92 -1.22	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BARRETT_IC_9 23700	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.34 4.94 0.26	117.11 6.11 0.39	175.83 8.51 -2.88	265.90 11.76 -0.01	193.87 12.56 135.10	187.42 7.92 0.57	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BARRETT___1 23545	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.60 4.94 0.01	117.49 6.11 0.02	175.83 8.51 -2.88	265.90 11.76 -0.01	201.81 12.56 127.16	189.20 7.92 -1.22	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BARRETT___2 23546	50.45 1.74 0.00	49.98 1.70 0.00	41.62 1.62 0.00	36.34 1.57 0.00	38.20 1.72 0.00	47.13 1.62 -0.01	55.70 1.09 0.00	53.13 1.16 0.00	25.22 1.34 23.56	27.25 1.39 23.17	53.82 1.50 0.62	57.36 1.27 1.31	59.33 1.99 0.73	74.56 3.11 0.00	83.29 4.02 0.00	93.34 4.94 0.26	117.11 6.11 0.39	175.83 8.51 -2.88	265.90 11.76 -0.01	193.87 12.56 135.10	187.42 7.92 0.57	274.83 6.92 -145.33	133.24 3.36 -49.77	94.77 2.89 -0.01
BATAVIA__115KV_TB1 55881	50.80 2.09 0.00	50.03 1.75 0.00	40.33 0.32 0.00	35.26 0.48 0.00	37.00 0.52 0.00	46.01 0.50 0.00	55.29 0.67 0.00	52.31 0.33 0.00	47.99 0.55 0.00	50.47 1.44 0.00	54.89 1.94 0.00	60.32 2.92 0.00	60.86 2.79 0.00	76.01 4.56 0.00	84.07 4.80 0.00	93.17 4.50 0.00	115.96 4.56 0.00	171.19 6.74 0.00	265.51 11.38 0.00	333.34 16.93 0.00	191.42 11.36 0.00	128.70 6.12 0.00	83.92 3.82 0.00	96.05 4.17 0.00
BAYONEEC___CTG1 323682	50.88 2.17 0.00	50.41 2.13 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.63 2.12 0.00	56.69 2.07 0.00	54.24 2.27 0.00	50.07 2.63 0.00	51.66 2.63 0.00	55.43 2.48 0.00	59.90 2.50 0.00	61.18 3.11 0.00	75.98 4.53 0.00	84.78 5.51 0.00	94.98 6.30 0.00	119.19 7.80 0.00	175.47 11.02 0.00	260.55 15.54 9.12	329.34 17.80 4.87	180.81 10.91 10.16	131.22 7.97 -0.67	84.66 4.22 -0.35	95.41 3.53 0.00
BAYONEEC___CTG10 323750	50.88 2.17 0.00	50.41 2.13 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.63 2.12 0.00	56.69 2.07 0.00	54.24 2.27 0.00	50.07 2.63 0.00	51.66 2.63 0.00	55.43 2.48 0.00	59.90 2.50 0.00	61.18 3.11 0.00	75.98 4.53 0.00	84.78 5.51 0.00	94.98 6.30 0.00	119.19 7.80 0.00	175.47 11.02 0.00	260.55 15.54 9.12	329.34 17.80 4.87	180.81 10.91 10.16	131.22 7.97 -0.67	84.66 4.22 -0.35	95.41 3.53 0.00
BAYONEEC___CTG2 323683	50.88 2.17 0.00	50.41 2.13 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.63 2.12 0.00	56.69 2.07 0.00	54.24 2.27 0.00	50.07 2.63 0.00	51.66 2.63 0.00	55.43 2.48 0.00	59.90 2.50 0.00	61.18 3.11 0.00	75.98 4.53 0.00	84.78 5.51 0.00	94.98 6.30 0.00	119.19 7.80 0.00	175.47 11.02 0.00	260.55 15.54 9.12	329.34 17.80 4.87	180.81 10.91 10.16	131.22 7.97 -0.67	84.66 4.22 -0.35	95.41 3.53 0.00
BAYONEEC___CTG3 323684	50.88 2.17 0.00	50.41 2.13 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.63 2.12 0.00	56.69 2.07 0.00	54.24 2.27 0.00	50.07 2.63 0.00	51.66 2.63 0.00	55.43 2.48 0.00	59.90 2.50 0.00	61.18 3.11 0.00	75.98 4.53 0.00	84.78 5.51 0.00	94.98 6.30 0.00	119.19 7.80 0.00	175.47 11.02 0.00	260.55 15.54 9.12	329.34 17.80 4.87	180.81 10.91 10.16	131.22 7.97 -0.67	84.66 4.22 -0.35	95.41 3.53 0.00
BAYONEEC___CTG4 323685	50.88 2.17 0.00	50.41 2.13 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.63 2.12 0.00	56.69 2.07 0.00	54.24 2.27 0.00	50.07 2.63 0.00	51.66 2.63 0.00	55.43 2.48 0.00	59.90 2.50 0.00	61.18 3.11 0.00	75.98 4.53 0.00	84.78 5.51 0.00	94.98 6.30 0.00	119.19 7.80 0.00	175.47 11.02 0.00	260.55 15.54 9.12	329.34 17.80 4.87	180.81 10.91 10.16	131.22 7.97 -0.67	84.66 4.22 -0.35	95.41 3.53 0.00
BAYONEEC___CTG5 323686	50.88 2.17 0.00	50.41 2.13 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.63 2.12 0.00	56.69 2.07 0.00	54.24 2.27 0.00	50.07 2.63 0.00	51.66 2.63 0.00	55.43 2.48 0.00	59.90 2.50 0.00	61.18 3.11 0.00	75.98 4.53 0.00	84.78 5.51 0.00	94.98 6.30 0.00	119.19 7.80 0.00	175.47 11.02 0.00	260.55 15.54 9.12	329.34 17.80 4.87	180.81 10.91 10.16	131.22 7.97 -0.67	84.66 4.22 -0.35	95.41 3.53 0.00
BAYONEEC___CTG6 323687	50.88 2.17 0.00	50.41 2.13 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.63 2.12 0.00	56.69 2.07 0.00	54.24 2.27 0.00	50.07 2.63 0.00	51.66 2.63 0.00	55.43 2.48 0.00	59.90 2.50 0.00	61.18 3.11 0.00	75.98 4.53 0.00	84.78 5.51 0.00	94.98 6.30 0.00	119.19 7.80 0.00	175.47 11.02 0.00	260.55 15.54 9.12	329.34 17.80 4.87	180.81 10.91 10.16	131.22 7.97 -0.67	84.66 4.22 -0.35	95.41 3.53 0.00
BAYONEEC___CTG7 323688	50.88 2.17 0.00	50.41 2.13 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.63 2.12 0.00	56.69 2.07 0.00	54.24 2.27 0.00	50.07 2.63 0.00	51.66 2.63 0.00	55.43 2.48 0.00	59.90 2.50 0.00	61.18 3.11 0.00	75.98 4.53 0.00	84.78 5.51 0.00	94.98 6.30 0.00	119.19 7.80 0.00	175.47 11.02 0.00	260.55 15.54 9.12	329.34 17.80 4.87	180.81 10.91 10.16	131.22 7.97 -0.67	84.66 4.22 -0.35	95.41 3.53 0.00

BAYONEEC___CTG8 323689	50.88 2.17 0.00	50.41 2.13 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.63 2.12 0.00	56.69 2.07 0.00	54.24 2.27 0.00	50.07 2.63 0.00	51.66 2.63 0.00	55.43 2.48 0.00	59.90 2.50 0.00	61.18 3.11 0.00	75.98 4.53 0.00	84.78 5.51 0.00	94.98 6.30 0.00	119.19 7.80 0.00	175.47 11.02 0.00	260.55 15.54 9.12	329.34 17.80 4.87	180.81 10.91 10.16	131.22 7.97 -0.67	84.66 4.22 -0.35	95.41 3.53 0.00
BAYONEEC___CTG9 323749	50.88 2.17 0.00	50.41 2.13 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.63 2.12 0.00	56.69 2.07 0.00	54.24 2.27 0.00	50.07 2.63 0.00	51.66 2.63 0.00	55.43 2.48 0.00	59.90 2.50 0.00	61.18 3.11 0.00	75.98 4.53 0.00	84.78 5.51 0.00	94.98 6.30 0.00	119.19 7.80 0.00	175.47 11.02 0.00	260.55 15.54 9.12	329.34 17.80 4.87	180.81 10.91 10.16	131.22 7.97 -0.67	84.66 4.22 -0.35	95.41 3.53 0.00
BEACON___LESR 323632	49.08 0.37 0.00	48.58 0.30 0.00	40.51 0.50 0.00	35.31 0.54 0.00	37.03 0.55 0.00	46.07 0.57 0.00	54.95 0.33 0.00	52.36 0.39 0.00	47.83 0.40 0.00	49.37 0.33 0.00	53.23 0.29 0.00	57.78 0.38 0.00	58.93 0.86 0.00	72.81 1.36 0.00	80.97 1.70 0.00	90.62 1.94 0.00	113.68 2.29 0.00	167.99 3.54 0.00	259.70 5.56 0.00	322.80 6.39 0.00	184.35 4.28 0.00	129.52 3.21 -3.73	69.80 1.47 11.77	92.49 0.61 0.00
BEAVER RIVER___HYD 24048	50.72 2.01 0.00	49.78 1.49 0.00	41.08 1.07 0.00	35.61 0.84 0.00	37.31 0.83 0.00	46.71 1.20 0.00	56.46 1.64 -0.20	53.23 1.21 -0.05	48.31 0.87 0.00	49.74 0.71 0.00	53.78 0.84 0.00	58.04 0.64 0.00	58.58 0.51 0.00	71.79 0.34 0.00	79.59 0.32 0.00	88.68 0.01 0.00	111.28 -0.11 0.00	165.68 1.23 0.00	259.63 5.39 -0.10	329.07 11.67 -0.99	189.08 8.64 -0.38	130.37 6.41 -1.39	83.84 3.58 -0.17	95.85 3.67 -0.30
BEEBEE_GT_13 23619	49.93 1.22 0.00	49.28 0.99 0.00	40.13 0.12 0.00	35.06 0.28 0.00	36.76 0.27 0.00	45.71 0.21 0.00	54.88 0.26 0.00	52.12 0.14 0.00	47.88 0.45 0.00	50.30 1.27 0.00	54.65 1.70 0.00	59.95 2.55 0.00	60.99 2.92 0.00	76.15 4.70 0.00	84.45 5.17 0.00	93.67 5.00 0.00	116.67 5.28 0.00	171.93 7.48 0.00	265.05 10.92 0.00	331.01 14.60 0.00	189.31 9.24 0.00	127.75 5.17 0.00	83.05 2.95 0.00	94.29 2.41 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.36 2.65 0.00	50.95 2.66 0.00	42.58 2.57 0.00	37.12 2.35 0.00	38.93 2.45 0.00	47.99 2.49 0.00	57.11 2.49 0.00	54.73 2.76 0.00	50.65 3.21 0.00	52.09 3.06 0.00	55.91 2.96 0.00	60.35 2.95 0.00	61.67 3.60 0.00	76.63 5.18 0.00	85.49 6.22 0.00	95.84 7.17 0.00	120.33 8.94 0.01	177.11 12.68 0.01	263.53 18.53 9.13	333.18 21.65 4.88	182.99 13.09 10.17	132.72 9.48 -0.66	85.59 5.14 -0.35	96.40 4.52 0.00
BETHLEHEM___GRP 23843	48.49 -0.22 0.00	48.10 -0.18 0.00	40.14 0.13 0.00	35.01 0.23 0.00	36.71 0.23 0.00	45.56 0.06 0.00	54.39 -0.23 0.00	51.85 -0.12 0.00	47.32 -0.12 0.00	48.73 -0.30 0.00	52.64 -0.31 0.00	57.00 -0.40 0.00	58.15 0.08 0.00	71.70 0.25 0.00	79.72 0.44 0.00	89.02 0.35 0.00	111.74 0.35 0.00	165.08 0.64 0.00	255.04 0.91 0.00	317.09 0.68 0.00	181.19 1.13 0.00	127.34 1.11 -3.65	74.16 0.20 6.14	91.56 -0.32 0.00
BETHLEHEM___GS1 323560	48.50 -0.21 0.00	48.10 -0.18 0.00	40.15 0.13 0.00	35.01 0.23 0.00	36.71 0.23 0.00	45.57 0.06 0.00	54.39 -0.23 0.00	51.85 -0.12 0.00	47.32 -0.12 0.00	48.74 -0.29 0.00	52.64 -0.31 0.00	57.00 -0.40 0.00	58.14 0.07 0.00	71.71 0.25 0.00	79.72 0.45 0.00	89.02 0.35 0.00	111.74 0.35 0.00	165.09 0.64 0.00	255.05 0.91 0.00	317.07 0.66 0.00	181.20 1.14 0.00	127.33 1.10 -3.65	74.16 0.20 6.14	91.56 -0.32 0.00
BETHLEHEM___GS2 323561	48.50 -0.21 0.00	48.10 -0.18 0.00	40.15 0.13 0.00	35.01 0.23 0.00	36.71 0.23 0.00	45.57 0.06 0.00	54.39 -0.23 0.00	51.85 -0.12 0.00	47.32 -0.12 0.00	48.74 -0.29 0.00	52.64 -0.31 0.00	57.00 -0.40 0.00	58.14 0.07 0.00	71.71 0.25 0.00	79.72 0.45 0.00	89.02 0.35 0.00	111.74 0.35 0.00	165.09 0.64 0.00	255.05 0.91 0.00	317.07 0.66 0.00	181.20 1.14 0.00	127.33 1.10 -3.65	74.16 0.20 6.14	91.56 -0.32 0.00
BETHLEHEM___GS3 323562	48.50 -0.21 0.00	48.10 -0.18 0.00	40.15 0.13 0.00	35.01 0.23 0.00	36.71 0.23 0.00	45.57 0.06 0.00	54.39 -0.23 0.00	51.85 -0.12 0.00	47.32 -0.12 0.00	48.74 -0.29 0.00	52.64 -0.31 0.00	57.00 -0.40 0.00	58.14 0.07 0.00	71.71 0.25 0.00	79.72 0.45 0.00	89.02 0.35 0.00	111.74 0.35 0.00	165.09 0.64 0.00	255.05 0.91 0.00	317.07 0.66 0.00	181.20 1.14 0.00	127.33 1.10 -3.65	74.16 0.20 6.14	91.56 -0.32 0.00
BETHLEHEM___STEEL 23779	50.09 1.38 0.00	49.41 1.13 0.00	39.81 -0.20 0.00	34.89 0.11 0.00	36.56 0.08 0.00	45.40 -0.10 0.00	54.48 -0.13 0.00	51.51 -0.46 0.00	47.44 0.00 0.00	50.20 1.17 0.00	54.60 1.66 0.00	59.97 2.57 0.00	61.09 3.02 0.00	76.54 5.09 0.00	84.80 5.52 0.00	93.53 4.86 0.00	116.47 5.08 0.00	171.97 7.53 0.00	264.53 10.40 0.00	330.92 14.51 0.00	190.10 10.04 0.00	127.62 5.04 0.00	82.91 2.82 0.00	93.97 2.09 0.00
BETHLHEM_115KV_TB1 79974	48.63 -0.08 0.00	48.25 -0.04 0.00	40.25 0.24 0.00	35.10 0.32 0.00	36.81 0.32 0.00	45.68 0.17 0.00	54.55 -0.06 0.00	51.99 0.02 0.00	47.45 0.01 0.00	48.88 -0.15 0.00	52.79 -0.16 0.00	57.14 -0.26 0.00	58.28 0.21 0.00	71.91 0.46 0.00	79.92 0.64 0.00	89.23 0.56 0.00	112.01 0.62 0.00	165.49 1.05 0.00	255.64 1.51 0.00	317.94 1.53 0.00	181.61 1.55 0.00	127.47 1.41 -3.48	74.63 0.31 5.78	91.72 -0.16 0.00
BETHPAGE_CC_5 323564	50.45 1.73 0.00	50.02 1.74 0.00	41.67 1.66 0.00	36.36 1.58 0.00	38.14 1.66 0.00	47.04 1.54 0.00	55.67 1.06 0.00	53.17 1.20 0.00	30.14 1.53 18.83	32.13 1.58 18.49	54.15 1.69 0.49	57.61 1.27 1.06	59.70 2.22 0.59	74.85 3.41 0.00	83.54 4.27 0.00	94.03 5.36 0.00	118.16 6.78 0.01	173.20 9.56 0.81	265.90 13.12 1.35	216.30 14.59 114.69	125.14 8.96 63.88	105.23 7.23 24.58	74.95 3.33 8.47	94.58 2.70 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.19 1.48 0.00	49.49 1.21 0.00	39.89 -0.12 0.00	34.96 0.18 0.00	36.64 0.15 0.00	45.49 -0.02 0.00	54.60 -0.02 0.00	51.65 -0.33 0.00	47.57 0.14 0.00	50.36 1.33 0.00	54.78 1.83 0.00	60.17 2.77 0.00	61.31 3.24 0.00	76.82 5.37 0.00	85.12 5.85 0.00	93.91 5.24 0.00	117.00 5.61 0.00	172.80 8.35 0.00	265.73 11.59 0.00	332.35 15.93 0.00	190.89 10.82 0.00	128.05 5.47 0.00	83.14 3.04 0.00	94.20 2.32 0.00
BINGHAMTON___COGEN 23790	49.51 0.79 0.00	49.07 0.79 0.00	40.53 0.52 0.00	35.35 0.57 0.00	37.09 0.61 0.00	46.08 0.57 0.00	55.46 0.85 0.00	52.45 0.48 0.00	47.92 0.48 0.00	49.82 0.79 0.00	53.65 0.71 0.00	58.45 1.05 0.00	59.76 1.70 0.00	73.84 2.39 0.00	81.99 2.72 0.00	91.06 2.39 0.00	114.26 2.86 0.00	168.32 3.88 0.00	260.05 5.83 -0.09	326.44 9.17 -0.86	186.67 6.27 -0.33	127.90 3.81 -1.51	82.03 1.79 -0.15	93.38 1.24 -0.26

BIXINCNT_115KV_LOAD 355685	50.65 1.94 0.00	49.79 1.51 0.00	40.26 0.25 0.00	35.35 0.57 0.00	37.03 0.55 0.00	45.92 0.42 0.00	55.26 0.65 0.00	52.40 0.43 0.00	48.23 0.79 0.00	51.04 2.01 0.00	55.33 2.38 0.00	60.63 3.23 0.00	61.69 3.62 0.00	77.29 5.84 0.00	85.60 6.33 0.00	94.37 5.70 0.00	117.71 6.31 0.00	173.49 9.05 0.00	266.98 12.85 0.00	334.33 17.92 0.00	192.19 12.12 0.00	128.78 6.20 0.00	83.58 3.48 0.00	94.54 2.66 0.00
BLACK RIVER___HYD 24047	51.23 2.51 0.00	50.29 2.01 0.00	41.45 1.44 0.00	35.93 1.15 0.00	37.67 1.19 0.00	47.17 1.66 0.00	57.23 2.25 -0.37	53.78 1.72 -0.08	48.80 1.37 0.00	50.16 1.13 0.00	54.37 1.42 0.00	58.65 1.25 0.00	59.32 1.25 0.00	72.63 1.17 0.00	80.44 1.17 0.00	89.54 0.87 0.00	112.23 0.84 0.00	167.44 2.99 0.00	262.93 8.63 -0.17	335.48 17.41 -1.66	193.24 12.54 -0.64	134.11 9.19 -2.34	85.56 5.17 -0.29	97.24 4.85 -0.51
BLACKRVR_115KV_TB2 79977	51.23 2.52 0.00	50.29 2.01 0.00	41.45 1.44 0.00	35.93 1.15 0.00	37.67 1.19 0.00	47.18 1.67 0.00	57.23 2.24 -0.37	53.78 1.72 -0.08	48.80 1.37 0.00	50.16 1.13 0.00	54.36 1.42 0.00	58.65 1.25 0.00	59.32 1.26 0.00	72.62 1.17 0.00	80.44 1.17 0.00	89.54 0.87 0.00	112.23 0.84 0.00	167.44 2.99 0.00	262.94 8.63 -0.17	335.49 17.42 -1.66	193.23 12.53 -0.64	134.11 9.19 -2.34	85.55 5.16 -0.29	97.24 4.86 -0.51
BLDWN_LI_69_KV_BK4 356085	50.89 2.18 0.00	50.42 2.13 0.00	41.98 1.98 0.00	36.63 1.85 0.00	38.45 1.97 0.00	47.44 1.93 0.00	56.16 1.55 0.00	53.67 1.69 0.00	33.10 1.95 16.29	35.09 2.05 15.99	54.77 2.24 0.42	58.35 1.87 0.92	60.23 2.67 0.51	75.36 3.92 0.00	84.18 4.91 0.00	94.68 6.00 0.00	118.95 7.55 0.00	175.90 10.86 -0.60	269.43 15.30 0.00	240.55 17.55 93.40	154.80 10.46 35.72	152.65 8.61 -21.45	91.70 4.27 -7.33	95.59 3.71 0.00
BLISS_WT_PWR 323608	50.65 1.94 0.00	49.79 1.51 0.00	40.26 0.25 0.00	35.35 0.57 0.00	37.03 0.55 0.00	45.88 0.37 0.00	55.28 0.66 0.00	52.43 0.46 0.00	48.25 0.81 0.00	51.08 2.05 0.00	55.37 2.42 0.00	60.66 3.26 0.00	61.76 3.69 0.00	77.33 5.88 0.00	85.66 6.39 0.00	94.46 5.79 0.00	117.78 6.39 0.00	173.59 9.14 0.00	267.03 12.90 0.00	334.35 17.94 0.00	192.17 12.11 0.00	128.80 6.22 0.00	83.57 3.47 0.00	94.50 2.62 0.00
BLUESTONE___WT_PWR 323821	51.62 2.91 0.00	51.35 3.07 0.00	42.44 2.43 0.00	36.99 2.22 0.00	38.84 2.36 0.00	48.31 2.81 0.00	58.17 3.55 0.00	55.18 3.20 0.00	50.30 2.87 0.00	52.19 3.16 0.00	56.07 3.12 0.00	60.98 3.58 0.00	62.27 4.20 0.00	76.86 5.41 0.00	85.53 6.26 0.00	95.15 6.48 0.00	119.80 8.41 0.00	177.43 12.98 0.00	275.77 21.56 -0.08	347.02 29.86 -0.75	198.03 17.68 -0.29	135.46 11.28 -1.60	86.53 6.31 -0.13	98.12 6.01 -0.23
BLUE_CIRC_CHEM_DRP 24182	48.28 -0.43 0.00	47.97 -0.32 0.00	40.02 0.01 0.00	34.88 0.11 0.00	36.59 0.10 0.00	45.43 -0.07 0.00	54.26 -0.36 0.00	51.65 -0.32 0.00	47.00 -0.44 0.00	48.33 -0.71 0.00	52.13 -0.82 0.00	56.44 -0.96 0.00	57.56 -0.51 0.00	71.01 -0.44 0.00	78.84 -0.43 0.00	88.03 -0.64 0.00	110.42 -0.98 0.00	163.14 -1.31 0.00	252.41 -1.72 0.00	314.28 -2.13 0.00	179.63 -0.43 0.00	125.52 0.19 -2.76	74.03 -0.26 5.80	91.16 -0.72 0.00
BOC_GAS_DRP 24189	48.97 0.25 0.00	48.61 0.33 0.00	40.55 0.54 0.00	35.34 0.57 0.00	37.07 0.59 0.00	46.02 0.51 0.00	54.95 0.34 0.00	52.36 0.39 0.00	47.75 0.32 0.00	49.24 0.20 0.00	53.14 0.19 0.00	57.54 0.14 0.00	58.63 0.56 0.00	72.37 0.92 0.00	80.41 1.14 0.00	89.71 1.04 0.00	112.61 1.22 0.00	166.25 1.80 0.00	256.68 2.55 0.00	319.16 2.76 0.00	182.31 2.25 0.00	127.03 1.92 -2.53	77.15 0.83 3.78	92.35 0.47 0.00
BOONVILLE_115KV_TB1 79983	50.57 1.86 0.00	49.82 1.53 0.00	41.21 1.20 0.00	35.80 1.03 0.00	37.55 1.07 0.00	46.89 1.38 0.00	56.32 1.71 0.00	53.45 1.48 0.00	48.70 1.26 0.00	50.30 1.27 0.00	54.29 1.34 0.00	58.75 1.35 0.00	59.51 1.44 0.00	73.22 1.77 0.00	81.22 1.95 0.00	90.60 1.93 0.00	113.89 2.50 0.00	169.04 4.59 0.00	263.44 9.26 -0.05	331.17 14.27 -0.48	189.39 9.14 -0.18	129.54 6.28 -0.68	83.66 3.48 -0.08	95.43 3.40 -0.15
BORALEX_4TH_BRANCH 23824	51.04 2.33 0.00	50.48 2.20 0.00	42.12 2.11 0.00	36.79 2.01 0.00	38.57 2.08 0.00	47.84 2.33 0.00	57.09 2.47 0.00	54.23 2.26 0.00	49.54 2.10 0.00	50.86 1.83 0.00	54.68 1.73 0.00	59.05 1.65 0.00	60.48 2.42 0.00	74.74 3.29 0.00	82.94 3.67 0.00	92.62 3.95 0.00	116.14 4.74 0.00	171.83 7.38 0.00	265.78 11.65 0.00	331.32 14.92 0.00	189.74 9.68 0.00	134.87 7.40 -4.89	89.58 4.36 -5.12	96.23 4.35 0.00
BOWLINE___1 23526	50.42 1.71 0.00	49.88 1.59 0.00	41.58 1.57 0.00	36.30 1.53 0.00	38.07 1.59 0.00	47.03 1.53 0.00	56.09 1.47 0.00	53.64 1.66 0.00	49.37 1.93 0.00	50.98 1.95 0.00	54.81 1.86 0.00	59.28 1.89 0.00	60.53 2.46 0.00	75.12 3.67 0.00	83.79 4.51 0.00	93.79 5.11 0.00	117.74 6.35 0.00	173.43 8.99 0.00	266.78 12.65 0.00	330.96 14.56 0.00	189.23 9.17 0.00	130.07 6.84 -0.65	83.88 3.47 -0.32	94.66 2.78 0.00
BOWLINE___2 23595	50.34 1.63 0.00	49.80 1.51 0.00	41.53 1.52 0.00	36.27 1.49 0.00	38.04 1.56 0.00	46.97 1.46 0.00	56.00 1.39 0.00	53.56 1.59 0.00	49.28 1.84 0.00	50.89 1.86 0.00	54.73 1.79 0.00	59.19 1.79 0.00	60.42 2.35 0.00	74.98 3.53 0.00	83.65 4.38 0.00	93.64 4.97 0.00	117.52 6.13 0.00	173.13 8.69 0.00	266.32 12.19 0.00	330.35 13.94 0.00	188.92 8.86 0.00	129.83 6.59 -0.65	83.74 3.32 -0.32	94.51 2.63 0.00
BRADY___115KV_TB2 356060	49.64 0.92 0.00	49.13 0.84 0.00	40.50 0.49 0.00	35.03 0.25 0.00	36.61 0.13 0.00	46.01 0.51 0.00	55.64 1.03 0.00	52.61 0.63 0.00	47.49 0.06 0.00	48.79 -0.24 0.00	52.81 -0.13 0.00	57.11 -0.28 0.00	57.12 -0.95 0.00	69.73 -1.73 0.00	77.21 -2.07 0.00	86.53 -2.14 0.00	108.93 -2.47 0.00	161.58 -2.87 0.00	251.12 -3.02 0.00	314.34 -2.07 0.00	178.65 -1.41 0.00	121.61 -0.97 0.00	80.18 0.08 0.00	93.38 1.51 0.00
BRANSCOMB___SOLAR 323811	51.34 2.63 0.00	50.79 2.51 0.00	42.22 2.22 0.00	36.86 2.08 0.00	38.68 2.20 0.00	48.04 2.54 0.00	57.46 2.84 0.00	54.59 2.62 0.00	49.79 2.35 0.00	51.20 2.17 0.00	54.86 1.91 0.00	59.29 1.90 0.00	60.67 2.61 0.00	75.00 3.54 0.00	83.42 4.15 0.00	93.57 4.90 0.00	117.32 5.93 0.00	174.12 9.68 0.00	270.63 16.50 0.00	338.00 21.59 0.00	193.54 13.48 0.00	138.34 9.19 -6.57	89.23 5.07 -4.06	97.09 5.21 0.00
BRDGHMPT_69_KV_BK1 55812	51.25 2.54 0.00	50.62 2.34 0.00	42.07 2.06 0.00	36.70 1.92 0.00	38.58 2.10 0.00	47.70 2.20 0.00	56.53 1.92 0.00	54.11 2.14 0.00	27.80 2.48 22.12	30.31 3.02 21.74	55.96 3.59 0.58	59.37 3.20 1.23	61.67 4.29 0.69	77.67 6.22 0.00	86.59 7.32 0.00	97.21 8.55 0.01	128.69 11.49 -5.80	179.79 16.90 1.55	274.47 22.51 2.18	200.47 23.51 139.45	112.97 14.75 81.85	93.32 11.67 40.94	71.73 5.74 14.11	97.23 5.35 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	50.83 2.11 0.00	50.47 2.19 0.00	42.04 2.02 0.00	36.64 1.86 0.00	38.43 1.94 0.00	47.34 1.84 0.00	55.96 1.34 0.00	53.38 1.41 0.00	27.49 1.75 21.70	29.53 1.82 21.33	54.50 2.12 0.57	57.89 1.71 1.21	59.99 2.60 0.68	75.17 3.72 0.00	83.87 4.60 0.00	94.50 5.84 0.01	118.91 7.53 0.02	171.90 10.19 2.74	262.20 13.09 5.03	193.03 14.66 138.04	109.25 10.38 81.20	91.49 8.20 39.29	70.37 3.81 13.54	95.31 3.43 0.00
BRISTLHL_115KV_TB1 79998	48.11 -0.60 0.00	47.60 -0.68 0.00	39.35 -0.66 0.00	34.25 -0.52 0.00	35.94 -0.54 0.00	44.78 -0.72 0.00	54.64 -0.89 -0.92	51.31 -0.87 -0.21	46.72 -0.72 0.00	48.42 -0.61 0.00	52.35 -0.60 0.00	56.95 -0.45 0.00	57.95 -0.12 0.00	71.58 0.12 0.00	79.44 0.16 0.00	88.61 -0.06 0.00	111.15 -0.24 0.00	164.09 -0.35 0.00	254.44 -0.10 -0.41	320.96 0.62 -3.94	182.47 0.91 -1.50	128.37 0.25 -5.53	80.54 -0.24 -0.68	92.09 -0.99 -1.20
BROOKHAVEN___DRP 24191	50.11 1.40 0.00	49.73 1.45 0.00	41.44 1.43 0.00	36.12 1.34 0.00	37.90 1.42 0.00	46.68 1.17 0.00	55.17 0.56 0.00	52.70 0.73 0.00	26.35 1.05 22.13	28.46 1.18 21.75	53.79 1.43 0.58	57.04 0.88 1.24	59.27 1.89 0.69	74.56 3.11 0.00	83.26 3.98 0.00	93.77 5.11 0.01	123.93 6.95 -5.57	173.04 10.14 1.54	265.11 13.16 2.18	190.73 13.75 139.43	107.58 9.34 81.83	89.13 7.52 40.97	69.21 3.24 14.12	94.42 2.54 0.00
BROOKLYN_NAVY_YARD 23515	50.91 2.20 0.00	50.45 2.16 0.00	42.13 2.12 0.00	36.76 1.99 0.00	38.56 2.08 0.00	47.62 2.12 0.00	56.72 2.10 0.00	54.28 2.31 0.00	50.12 2.68 0.00	51.72 2.69 0.00	55.48 2.53 0.00	59.97 2.58 0.00	61.27 3.21 0.00	76.10 4.65 0.00	84.93 5.66 0.00	95.15 6.48 0.00	119.42 8.03 0.00	175.82 11.37 0.00	270.31 16.18 0.00	335.00 18.59 0.00	191.38 11.32 0.00	131.51 8.26 -0.67	84.86 4.42 -0.35	95.57 3.69 0.00
BROOKLYN___ARMY_DRP 323595	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
BROOME_2_LFGE 323671	49.51 0.79 0.00	49.07 0.79 0.00	40.53 0.52 0.00	35.35 0.57 0.00	37.09 0.61 0.00	46.07 0.56 0.00	55.46 0.85 0.00	52.45 0.48 0.00	47.92 0.49 0.00	49.83 0.80 0.00	53.65 0.70 0.00	58.45 1.05 0.00	59.77 1.70 0.00	73.83 2.38 0.00	81.99 2.72 0.00	91.06 2.39 0.00	114.24 2.85 0.00	168.33 3.89 0.00	260.07 5.84 -0.09	326.45 9.17 -0.86	186.66 6.27 -0.33	127.91 3.82 -1.51	82.04 1.79 -0.15	93.39 1.25 -0.26
BROOME___LFGE 323600	49.51 0.79 0.00	49.07 0.79 0.00	40.53 0.52 0.00	35.35 0.57 0.00	37.09 0.61 0.00	46.07 0.56 0.00	55.46 0.85 0.00	52.45 0.48 0.00	47.92 0.49 0.00	49.83 0.80 0.00	53.65 0.70 0.00	58.45 1.05 0.00	59.77 1.70 0.00	73.83 2.38 0.00	81.99 2.72 0.00	91.06 2.39 0.00	114.24 2.85 0.00	168.33 3.89 0.00	260.07 5.84 -0.09	326.45 9.17 -0.86	186.66 6.27 -0.33	127.91 3.82 -1.51	82.04 1.79 -0.15	93.39 1.25 -0.26
BROWNFLS_115KV_TB_3_5 80003	49.93 1.22 0.00	49.17 0.88 0.00	40.57 0.56 0.00	35.12 0.34 0.00	36.67 0.19 0.00	46.00 0.49 0.00	55.67 0.92 -0.14	52.46 0.45 -0.03	47.49 0.05 0.00	48.84 -0.18 0.00	52.85 -0.09 0.00	57.06 -0.33 0.00	57.38 -0.69 0.00	70.21 -1.25 0.00	77.79 -1.48 0.00	86.73 -1.94 0.00	108.98 -2.41 0.00	161.74 -2.71 0.00	252.64 -1.57 -0.07	318.52 1.44 -0.67	182.09 1.78 -0.26	125.06 1.54 -0.94	81.30 1.08 -0.11	93.89 1.81 -0.20
BROWNSV1_27_KV_LOAD 356125	51.58 2.87 0.00	51.08 2.79 0.00	42.63 2.62 0.00	37.20 2.42 0.00	39.02 2.54 0.00	48.19 2.69 0.00	57.43 2.82 0.00	54.98 3.00 0.00	50.77 3.33 0.00	52.42 3.39 0.00	56.28 3.33 0.00	60.84 3.45 0.00	62.19 4.12 0.00	77.26 5.81 0.00	86.21 6.94 0.00	96.58 7.91 0.00	121.23 9.84 0.00	178.57 14.13 0.00	274.39 20.26 0.00	340.11 23.70 0.00	194.35 14.29 0.00	133.53 10.28 -0.67	86.13 5.69 -0.35	96.98 5.10 0.00
BURROWS___LYONSDAL 23803	50.60 1.90 0.00	49.77 1.49 0.00	41.16 1.15 0.00	35.74 0.97 0.00	37.49 1.01 0.00	46.83 1.33 0.00	56.38 1.67 -0.09	53.41 1.41 -0.02	48.61 1.17 0.00	50.18 1.15 0.00	54.18 1.23 0.00	58.60 1.20 0.00	59.29 1.23 0.00	72.91 1.46 0.00	80.84 1.57 0.00	90.16 1.49 0.00	113.27 1.88 0.00	168.25 3.81 0.00	262.64 8.45 -0.06	330.84 13.85 -0.58	189.41 9.13 -0.22	129.81 6.41 -0.82	83.73 3.54 -0.10	95.54 3.48 -0.18
CAITHNESS_CC_1 323624	50.08 1.37 0.00	49.71 1.42 0.00	41.44 1.43 0.00	36.12 1.34 0.00	37.88 1.40 0.00	46.67 1.17 0.00	55.14 0.53 0.00	52.64 0.67 0.00	26.30 0.99 22.14	28.40 1.12 21.76	53.74 1.37 0.58	56.97 0.80 1.24	59.19 1.81 0.69	74.41 2.97 0.00	83.13 3.86 0.00	93.61 4.95 0.01	123.38 6.64 -5.34	172.50 9.60 1.54	264.30 12.35 2.18	189.63 12.63 139.41	107.06 8.81 81.81	88.69 7.12 41.01	68.99 3.03 14.13	94.24 2.36 0.00
CALPINE BETH_PAGE_GT4 24209	50.39 1.68 0.00	49.96 1.67 0.00	41.62 1.60 0.00	36.32 1.54 0.00	38.10 1.61 0.00	47.00 1.49 0.00	55.62 1.01 0.00	53.14 1.17 0.00	31.67 1.51 17.28	33.64 1.57 16.97	54.19 1.70 0.45	57.69 1.26 0.97	59.78 2.25 0.54	74.89 3.45 0.00	83.56 4.29 0.00	94.03 5.35 0.00	118.13 6.73 0.00	173.97 9.60 0.07	267.28 13.15 0.00	228.34 14.90 102.97	133.38 8.94 55.62	112.38 7.28 17.48	77.42 3.35 6.03	94.51 2.63 0.00
CALPINE_BETH_PAGE_GT_4 323586	50.40 1.69 0.00	49.95 1.67 0.00	41.62 1.61 0.00	36.31 1.54 0.00	38.10 1.61 0.00	47.00 1.49 0.00	55.63 1.01 0.00	53.13 1.16 0.00	31.65 1.49 17.28	33.64 1.57 16.97	54.19 1.69 0.45	57.68 1.26 0.97	59.77 2.25 0.54	74.90 3.45 0.00	83.56 4.29 0.00	94.03 5.35 0.00	118.12 6.73 0.00	173.95 9.58 0.07	267.27 13.14 0.00	228.08 14.64 102.97	133.39 8.94 55.62	112.33 7.23 17.48	77.40 3.33 6.03	94.52 2.64 0.00
CALPINE_BP_GT1 23823	50.40 1.69 0.00	49.95 1.67 0.00	41.62 1.61 0.00	36.31 1.54 0.00	38.10 1.61 0.00	47.00 1.49 0.00	55.63 1.01 0.00	53.13 1.16 0.00	31.65 1.49 17.28	33.64 1.57 16.97	54.19 1.69 0.45	57.68 1.26 0.97	59.77 2.25 0.54	74.90 3.45 0.00	83.56 4.29 0.00	94.03 5.35 0.00	118.12 6.73 0.00	173.95 9.58 0.07	267.27 13.14 0.00	228.08 14.64 102.97	133.39 8.94 55.62	112.33 7.23 17.48	77.40 3.33 6.03	94.52 2.64 0.00
CALSPAN___DRP 24200	50.09 1.38 0.00	49.41 1.13 0.00	39.81 -0.20 0.00	34.89 0.11 0.00	36.56 0.08 0.00	45.40 -0.10 0.00	54.48 -0.13 0.00	51.51 -0.46 0.00	47.44 0.00 0.00	50.20 1.17 0.00	54.60 1.66 0.00	59.97 2.57 0.00	61.09 3.02 0.00	76.54 5.09 0.00	84.80 5.52 0.00	93.53 4.86 0.00	116.47 5.08 0.00	171.97 7.53 0.00	264.53 10.40 0.00	330.92 14.51 0.00	190.10 10.04 0.00	127.62 5.04 0.00	82.91 2.82 0.00	93.97 2.09 0.00

CALVERTON___SOLAR 323806	50.23 1.52 0.00	49.81 1.53 0.00	41.50 1.49 0.00	36.18 1.40 0.00	37.96 1.48 0.00	46.78 1.27 0.00	55.30 0.69 0.00	52.84 0.87 0.00	26.45 1.14 22.12	28.59 1.30 21.74	53.98 1.61 0.58	57.23 1.07 1.24	59.50 2.12 0.69	74.87 3.42 0.00	83.60 4.32 0.00	94.10 5.44 0.01	124.53 7.48 -5.66	173.89 11.00 1.55	266.26 14.31 2.18	191.73 14.76 139.44	108.34 10.11 81.84	89.65 8.03 40.96	69.52 3.54 14.12	94.73 2.85 0.00
CANDIGU_WT_PWR 323617	49.93 1.21 0.00	49.35 1.07 0.00	40.28 0.27 0.00	35.22 0.44 0.00	36.95 0.47 0.00	45.86 0.36 0.00	55.30 0.69 0.00	51.84 -0.13 0.00	47.33 -0.11 0.00	49.48 0.45 0.00	53.28 0.33 0.00	58.39 0.99 0.00	59.75 1.68 0.00	74.08 2.63 0.00	82.12 2.85 0.00	90.74 2.07 0.00	113.37 1.97 0.00	167.14 2.70 0.00	258.50 4.31 -0.05	327.09 10.18 -0.50	188.21 7.96 -0.19	127.48 4.01 -0.89	81.73 1.54 -0.09	93.00 0.97 -0.15
CARR STREET_E_SYR 24060	48.40 -0.31 0.00	47.89 -0.40 0.00	39.57 -0.44 0.00	34.47 -0.31 0.00	36.16 -0.32 0.00	45.00 -0.50 0.00	54.02 -0.59 0.00	51.37 -0.61 0.00	46.98 -0.46 0.00	48.78 -0.25 0.00	52.72 -0.22 0.00	57.37 -0.03 0.00	58.41 0.34 0.00	72.22 0.76 0.00	80.17 0.90 0.00	89.39 0.71 0.00	112.12 0.72 0.00	165.41 0.96 0.00	255.94 1.68 -0.12	320.46 2.86 -1.19	182.66 2.14 -0.45	125.27 1.02 -1.67	80.55 0.25 -0.20	91.78 -0.46 -0.36
CARTHAGE___PAPER 23857	51.24 2.53 0.00	50.30 2.02 0.00	41.48 1.47 0.00	35.95 1.17 0.00	37.67 1.19 0.00	47.19 1.68 0.00	57.18 2.26 -0.30	53.79 1.75 -0.07	48.76 1.32 0.00	50.10 1.07 0.00	54.20 1.25 0.00	58.45 1.05 0.00	59.00 0.94 0.00	72.27 0.82 0.00	80.14 0.87 0.00	89.34 0.66 0.00	112.19 0.80 0.00	167.28 2.84 0.00	262.59 8.32 -0.15	334.08 16.27 -1.40	192.14 11.55 -0.53	133.02 8.47 -1.97	85.17 4.83 -0.24	97.13 4.82 -0.43
CASSADAGA_WT_PWR 323784	51.57 2.85 0.00	50.75 2.47 0.00	40.92 0.91 0.00	35.89 1.11 0.00	37.61 1.13 0.00	46.71 1.21 0.00	56.22 1.60 0.00	53.33 1.35 0.00	49.07 1.63 0.00	51.89 2.86 0.00	56.42 3.47 0.00	61.33 3.93 0.00	62.41 4.34 0.00	78.04 6.58 0.00	86.49 7.22 0.00	95.39 6.71 0.00	118.91 7.52 0.00	175.14 10.70 0.00	269.63 15.50 0.00	338.91 22.50 0.00	195.05 14.99 0.00	130.86 8.28 0.00	85.27 5.17 0.00	96.27 4.39 0.00
CE_DUNWOOD___DRP 24194	50.71 2.00 0.00	50.24 1.95 0.00	41.89 1.88 0.00	36.57 1.79 0.00	38.35 1.87 0.00	47.38 1.88 0.00	56.48 1.86 0.00	54.00 2.02 0.00	49.73 2.30 0.00	51.36 2.33 0.00	55.25 2.30 0.00	59.71 2.31 0.00	61.00 2.94 0.00	75.71 4.25 0.00	84.45 5.17 0.00	94.58 5.91 0.00	118.75 7.36 0.00	174.95 10.51 0.00	269.11 14.98 0.00	333.81 17.40 0.00	190.75 10.68 0.00	131.06 7.82 -0.67	84.55 4.10 -0.35	95.33 3.45 0.00
CE_MILLWOOD___DRP 24193	50.60 1.89 0.00	50.10 1.82 0.00	41.79 1.78 0.00	36.48 1.70 0.00	38.25 1.77 0.00	47.27 1.76 0.00	56.35 1.74 0.00	53.88 1.91 0.00	49.59 2.16 0.00	51.21 2.19 0.00	55.10 2.15 0.00	59.55 2.15 0.00	60.84 2.77 0.00	75.49 4.04 0.00	84.20 4.93 0.00	94.28 5.61 0.00	118.36 6.97 0.00	174.44 9.99 0.00	268.33 14.20 0.00	332.86 16.45 0.00	190.27 10.21 0.00	130.72 7.47 -0.67	84.31 3.87 -0.34	95.11 3.24 0.00
CE_NYC2_DRP 24202	50.77 2.06 0.00	50.42 2.13 0.00	42.16 2.15 0.00	36.78 2.00 0.00	38.59 2.11 0.00	47.60 2.09 0.00	56.62 2.00 0.00	54.17 2.19 0.00	50.12 2.68 0.00	51.64 2.61 0.00	55.40 2.45 0.00	59.79 2.39 0.00	61.08 3.01 0.00	75.82 4.37 0.00	84.55 5.28 0.00	94.75 6.07 0.00	118.89 7.50 0.01	174.98 10.54 0.01	251.72 14.86 17.27	313.78 16.92 19.55	148.75 10.43 41.75	99.96 7.66 30.28	67.50 3.98 16.58	81.53 3.26 13.62
CE_NYC_DRP 24195	51.00 2.28 0.00	50.52 2.24 0.00	42.19 2.18 0.00	36.82 2.05 0.00	38.63 2.15 0.00	47.68 2.18 0.00	56.80 2.19 0.00	54.35 2.37 0.00	50.19 2.75 0.00	51.80 2.78 0.00	55.63 2.69 0.00	60.10 2.70 0.00	61.42 3.35 0.00	76.27 4.82 0.00	85.10 5.82 0.00	95.34 6.67 0.00	119.65 8.25 0.00	176.14 11.70 0.00	270.71 16.58 0.00	335.54 19.13 0.00	191.69 11.63 0.00	131.71 8.45 -0.67	84.95 4.51 -0.35	95.71 3.83 0.00
CHAFFEE___LFGE 323603	50.26 1.55 0.00	49.54 1.26 0.00	39.97 -0.04 0.00	35.04 0.26 0.00	36.72 0.23 0.00	45.54 0.04 0.00	54.72 0.10 0.00	51.79 -0.19 0.00	47.69 0.26 0.00	50.42 1.39 0.00	54.82 1.87 0.00	60.21 2.81 0.00	61.42 3.35 0.00	76.94 5.49 0.00	85.27 6.00 0.00	94.12 5.45 0.00	117.35 5.95 0.00	173.38 8.93 0.00	266.64 12.51 0.00	333.59 17.18 0.00	191.28 11.22 0.00	128.51 5.93 0.00	83.38 3.28 0.00	94.39 2.51 0.00
CHATEAUG_35_KV_LOAD 355732	48.37 -0.34 0.00	47.88 -0.40 0.00	39.45 -0.56 0.00	34.17 -0.61 0.00	35.80 -0.68 0.00	44.81 -0.69 0.00	53.99 -0.63 0.00	51.47 -0.51 0.00	46.97 -0.47 0.00	48.48 -0.55 0.00	52.50 -0.45 0.00	56.75 -0.64 0.00	56.69 -1.38 0.00	69.44 -2.01 0.00	76.99 -2.28 0.00	86.58 -2.10 0.00	109.11 -2.29 0.00	161.35 -3.09 0.00	249.85 -4.29 0.00	312.24 -4.16 0.00	176.59 -3.47 0.00	120.07 -2.51 0.00	78.86 -1.24 0.00	91.46 -0.42 0.00
CHATEAUG_WT_PWR 323614	48.31 -0.40 0.00	47.84 -0.45 0.00	39.44 -0.57 0.00	34.17 -0.61 0.00	35.81 -0.67 0.00	44.79 -0.71 0.00	53.94 -0.68 0.00	51.45 -0.52 0.00	46.98 -0.45 0.00	48.48 -0.55 0.00	52.50 -0.45 0.00	56.76 -0.64 0.00	56.76 -1.30 0.00	69.58 -1.87 0.00	77.17 -2.10 0.00	86.70 -1.98 0.00	109.27 -2.13 0.00	161.65 -2.80 0.00	250.25 -3.88 0.00	312.02 -4.39 0.00	176.35 -3.71 0.00	119.91 -2.67 0.00	78.71 -1.39 0.00	91.28 -0.60 0.00
CHAT_HIGH_FALL_HYD 323578	48.37 -0.34 0.00	47.88 -0.40 0.00	39.45 -0.56 0.00	34.17 -0.61 0.00	35.80 -0.68 0.00	44.81 -0.69 0.00	53.99 -0.63 0.00	51.47 -0.51 0.00	46.97 -0.47 0.00	48.48 -0.55 0.00	52.50 -0.45 0.00	56.75 -0.64 0.00	56.69 -1.38 0.00	69.44 -2.01 0.00	76.99 -2.28 0.00	86.58 -2.10 0.00	109.11 -2.29 0.00	161.35 -3.09 0.00	249.85 -4.29 0.00	312.24 -4.16 0.00	176.59 -3.47 0.00	120.07 -2.51 0.00	78.86 -1.24 0.00	91.46 -0.42 0.00
CHAUTAUQUA___LFGE 323629	50.93 2.22 0.00	50.21 1.92 0.00	40.45 0.44 0.00	35.45 0.68 0.00	37.17 0.69 0.00	46.13 0.63 0.00	55.45 0.84 0.00	52.51 0.53 0.00	48.29 0.85 0.00	51.06 2.03 0.00	55.52 2.57 0.00	60.67 3.27 0.00	61.73 3.66 0.00	77.12 5.67 0.00	85.47 6.20 0.00	94.24 5.57 0.00	117.46 6.06 0.00	172.96 8.51 0.00	266.02 11.89 0.00	334.42 18.01 0.00	192.55 12.48 0.00	129.46 6.88 0.00	83.98 3.88 0.00	95.04 3.16 0.00
CHERRYST_13_KV_LD 356241	51.16 2.45 0.00	50.69 2.41 0.00	42.33 2.32 0.00	36.94 2.17 0.00	38.75 2.27 0.00	47.85 2.35 0.00	57.03 2.41 0.00	54.60 2.62 0.00	50.42 2.99 0.00	52.07 3.04 0.00	55.91 2.96 0.00	60.43 3.03 0.00	61.76 3.69 0.00	76.70 5.25 0.00	85.57 6.30 0.00	95.88 7.20 0.00	120.32 8.92 0.00	177.10 12.66 0.00	272.09 17.96 0.00	337.08 20.67 0.00	192.52 12.46 0.00	132.25 9.00 -0.67	85.28 4.83 -0.35	96.07 4.19 0.00

CHESTROR_138KV_BK263 355645	50.26 1.55 0.00	49.76 1.47 0.00	41.44 1.43 0.00	36.16 1.39 0.00	37.92 1.44 0.00	46.91 1.41 0.00	56.00 1.39 0.00	53.51 1.53 0.00	49.13 1.69 0.00	50.73 1.70 0.00	54.60 1.65 0.00	59.08 1.68 0.00	60.31 2.24 0.00	74.80 3.35 0.00	83.37 4.10 0.00	93.24 4.56 0.00	117.13 5.73 0.00	172.76 8.32 0.00	265.99 11.86 0.00	330.41 14.00 0.00	188.83 8.77 0.00	129.65 6.45 -0.62	83.40 3.30 0.00	94.58 2.70 0.00
CH_MIDHUDSON___DRP 24192	50.60 1.89 0.00	50.11 1.83 0.00	41.78 1.77 0.00	36.45 1.67 0.00	38.24 1.76 0.00	47.32 1.81 0.00	56.45 1.84 0.00	53.92 1.95 0.00	49.53 2.09 0.00	51.15 2.12 0.00	55.13 2.18 0.00	59.64 2.25 0.00	60.95 2.89 0.00	75.60 4.15 0.00	84.27 5.00 0.00	94.34 5.66 0.00	118.63 7.23 0.00	174.99 10.55 0.00	269.43 15.30 0.00	334.39 17.99 0.00	190.99 10.93 0.00	131.14 7.85 -0.72	84.28 4.19 0.00	95.56 3.68 0.00
CH_MISC_IPPS 23765	51.01 2.30 0.00	50.48 2.20 0.00	42.06 2.05 0.00	36.69 1.91 0.00	38.48 2.00 0.00	47.63 2.12 0.00	56.85 2.23 0.00	54.32 2.35 0.00	49.90 2.46 0.00	51.52 2.50 0.00	55.52 2.58 0.00	60.11 2.71 0.00	61.33 3.27 0.00	76.08 4.63 0.00	84.86 5.59 0.00	95.05 6.37 0.00	119.57 8.17 0.00	176.50 12.06 0.00	271.71 17.57 0.00	337.29 20.88 0.00	192.56 12.50 0.00	132.24 8.95 -0.70	85.07 4.97 0.00	96.39 4.51 0.00
CH_RES_BVR_FALLS 23983	48.52 -0.19 0.00	48.07 -0.22 0.00	39.79 -0.22 0.00	34.53 -0.25 0.00	36.19 -0.29 0.00	45.24 -0.27 0.00	54.37 -0.25 0.00	51.76 -0.22 0.00	47.25 -0.18 0.00	48.77 -0.26 0.00	52.66 -0.29 0.00	56.98 -0.42 0.00	57.31 -0.76 0.00	70.28 -1.17 0.00	77.87 -1.41 0.00	87.18 -1.49 0.00	109.42 -1.97 0.00	161.58 -2.87 0.00	249.90 -4.24 0.00	311.29 -5.12 0.00	176.82 -3.25 0.00	120.43 -2.15 0.00	78.94 -1.16 0.00	91.23 -0.65 0.00
CH_RES_NIAGARA 23895	48.50 -0.21 0.00	47.96 -0.32 0.00	38.57 -1.44 0.00	33.84 -0.94 0.00	35.47 -1.01 0.00	44.02 -1.49 0.00	52.53 -2.09 0.00	49.56 -2.42 0.00	45.68 -1.75 0.00	48.40 -0.63 0.00	52.72 -0.23 0.00	57.92 0.52 0.00	58.89 0.82 0.00	73.86 2.41 0.00	81.66 2.39 0.00	89.99 1.31 0.00	111.63 0.23 0.00	164.74 0.30 0.00	253.03 -1.11 0.00	315.64 -0.77 0.00	181.31 1.25 0.00	121.97 -0.61 0.00	79.80 -0.30 0.00	90.76 -1.12 0.00
CH_RES_SYRACUSE 23985	48.63 -0.08 0.00	48.12 -0.17 0.00	39.77 -0.24 0.00	34.64 -0.13 0.00	36.34 -0.14 0.00	45.22 -0.29 0.00	54.67 -0.31 -0.37	51.69 -0.37 -0.08	47.20 -0.24 0.00	48.97 -0.05 0.00	52.88 -0.06 0.00	57.59 0.19 0.00	58.62 0.55 0.00	72.42 0.97 0.00	80.41 1.14 0.00	89.68 1.01 0.00	112.55 1.15 0.00	165.94 1.49 0.00	257.24 2.88 -0.22	323.25 4.68 -2.16	184.13 3.24 -0.83	127.38 1.76 -3.04	81.12 0.65 -0.37	92.54 0.00 -0.66
CLINTON_WT_PWR 323605	48.31 -0.40 0.00	47.84 -0.45 0.00	39.44 -0.57 0.00	34.17 -0.61 0.00	35.81 -0.67 0.00	44.79 -0.71 0.00	53.94 -0.68 0.00	51.45 -0.52 0.00	46.98 -0.45 0.00	48.48 -0.55 0.00	52.50 -0.45 0.00	56.76 -0.64 0.00	56.76 -1.30 0.00	69.58 -1.87 0.00	77.17 -2.10 0.00	86.70 -1.98 0.00	109.27 -2.13 0.00	161.65 -2.80 0.00	250.25 -3.88 0.00	312.02 -4.39 0.00	176.35 -3.71 0.00	119.91 -2.67 0.00	78.71 -1.39 0.00	91.28 -0.60 0.00
CLINTON___LFGE 323618	48.83 0.11 0.00	48.35 0.07 0.00	39.82 -0.19 0.00	34.54 -0.24 0.00	36.19 -0.29 0.00	45.23 -0.27 0.00	54.31 -0.30 0.00	51.76 -0.22 0.00	47.21 -0.23 0.00	48.72 -0.30 0.00	52.81 -0.14 0.00	57.15 -0.25 0.00	57.18 -0.89 0.00	70.18 -1.27 0.00	77.87 -1.40 0.00	87.53 -1.14 0.00	110.32 -1.07 0.00	163.37 -1.07 0.00	253.33 -0.80 0.00	316.62 0.21 0.00	179.04 -1.02 0.00	121.68 -0.90 0.00	79.78 -0.32 0.00	92.21 0.33 0.00
COBBLENY_34_KV_TB1 80064	50.26 1.55 0.00	49.54 1.26 0.00	39.97 -0.04 0.00	35.03 0.25 0.00	36.71 0.23 0.00	45.58 0.08 0.00	54.72 0.10 0.00	51.78 -0.19 0.00	47.70 0.27 0.00	50.42 1.39 0.00	54.83 1.88 0.00	60.21 2.81 0.00	61.41 3.34 0.00	76.95 5.50 0.00	85.27 6.00 0.00	94.12 5.44 0.00	117.35 5.96 0.00	173.32 8.88 0.00	266.66 12.52 0.00	333.60 17.19 0.00	191.28 11.22 0.00	128.49 5.91 0.00	83.38 3.28 0.00	94.38 2.50 0.00
COFFEEN___115KV_TB3 355620	51.62 2.91 0.00	50.65 2.37 0.00	41.74 1.73 0.00	36.17 1.39 0.00	37.92 1.44 0.00	47.49 1.99 0.00	57.63 2.64 -0.38	54.09 2.03 -0.09	49.07 1.63 0.00	50.46 1.43 0.00	54.64 1.69 0.00	58.91 1.51 0.00	59.57 1.51 0.00	72.85 1.40 0.00	80.67 1.39 0.00	89.78 1.11 0.00	112.54 1.15 0.00	168.06 3.62 0.00	263.98 9.67 -0.18	337.26 19.14 -1.71	194.76 14.04 -0.65	135.53 10.54 -2.41	86.35 5.96 -0.29	98.01 5.61 -0.52
COLDSPRG_115KV_BK1 355956	51.70 2.99 0.00	50.75 2.47 0.00	41.04 1.03 0.00	36.04 1.27 0.00	37.80 1.32 0.00	46.96 1.45 0.00	56.50 1.89 0.00	53.67 1.69 0.00	49.38 1.95 0.00	52.21 3.18 0.00	56.60 3.65 0.00	61.37 3.97 0.00	62.37 4.30 0.00	78.09 6.64 0.00	86.50 7.23 0.00	95.37 6.70 0.00	118.99 7.60 0.00	175.36 10.92 0.00	269.80 15.67 0.00	338.99 22.58 0.00	195.21 15.15 0.00	130.82 8.24 0.00	85.41 5.31 0.00	96.41 4.53 0.00
COLONIE_LFGE___ 323577	50.31 1.59 0.00	49.79 1.51 0.00	41.51 1.50 0.00	36.21 1.43 0.00	37.97 1.49 0.00	47.13 1.63 0.00	56.30 1.68 0.00	53.59 1.61 0.00	48.93 1.50 0.00	50.35 1.32 0.00	54.24 1.29 0.00	58.71 1.31 0.00	60.00 1.93 0.00	74.09 2.64 0.00	82.32 3.05 0.00	92.03 3.36 0.00	115.43 4.03 0.00	170.79 6.35 0.00	264.14 10.01 0.00	329.06 12.65 0.00	188.22 8.16 0.00	134.22 5.91 -5.73	89.00 3.25 -5.65	95.03 3.15 0.00
COOPERNY_115KV_TB1 80082	49.86 1.14 0.00	49.39 1.11 0.00	41.10 1.09 0.00	35.84 1.07 0.00	37.58 1.10 0.00	46.57 1.06 0.00	55.66 1.04 0.00	53.09 1.12 0.00	48.64 1.21 0.00	50.28 1.25 0.00	54.18 1.23 0.00	58.67 1.28 0.00	59.79 1.73 0.00	74.04 2.59 0.00	82.43 3.16 0.00	92.09 3.41 0.00	115.68 4.29 0.00	170.67 6.23 0.00	262.93 8.79 0.00	326.93 10.52 0.00	186.72 6.65 0.00	127.91 4.81 -0.52	82.54 2.44 0.00	93.81 1.93 0.00
COPENHAGEN_WT_PWR 323753	50.71 2.00 0.00	49.80 1.52 0.00	41.07 1.05 0.00	35.60 0.82 0.00	37.34 0.86 0.00	46.73 1.23 0.00	56.76 1.74 -0.40	53.39 1.32 -0.09	48.55 1.11 0.00	49.98 0.96 0.00	54.16 1.22 0.00	58.46 1.07 0.00	59.12 1.06 0.00	72.41 0.96 0.00	80.21 0.93 0.00	89.20 0.53 0.00	111.62 0.23 0.00	166.57 2.13 0.00	261.59 7.27 -0.19	333.59 15.39 -1.79	191.84 11.09 -0.68	133.08 7.98 -2.52	84.82 4.41 -0.31	96.41 3.98 -0.55
CORNELL_____ 23752	50.43 1.71 0.00	49.89 1.61 0.00	41.17 1.16 0.00	35.86 1.08 0.00	37.64 1.16 0.00	46.79 1.29 0.00	56.29 1.68 0.00	53.33 1.35 0.00	48.63 1.20 0.00	50.32 1.29 0.00	54.00 1.05 0.00	58.76 1.36 0.00	60.00 1.94 0.00	74.14 2.69 0.00	82.21 2.94 0.00	91.46 2.79 0.00	114.88 3.49 0.00	170.03 5.59 0.00	264.68 10.43 -0.12	334.24 16.65 -1.18	191.18 10.66 -0.45	131.13 6.68 -1.87	83.86 3.56 -0.20	95.33 3.09 -0.36

CORONA V_69_KV_TB1 355595	51.13 2.41 0.00	50.63 2.35 0.00	42.13 2.12 0.00	36.76 1.99 0.00	38.58 2.10 0.00	47.62 2.11 0.00	56.47 1.86 0.00	53.99 2.01 0.00	48.75 2.26 0.95	50.59 2.33 0.77	55.46 2.50 -0.01	59.68 2.41 0.12	61.08 3.08 0.07	76.01 4.56 0.00	84.89 5.62 0.00	95.50 6.67 -0.15	119.76 8.13 -0.23	177.82 11.70 -1.67	270.76 16.63 0.00	337.16 19.24 -1.51	203.37 11.46 -11.84	215.03 8.98 -83.46	113.29 4.56 -28.62	95.90 4.02 0.00
CORTLAND_115KV_TB3 80093	49.76 1.05 0.00	49.26 0.98 0.00	40.70 0.69 0.00	35.46 0.68 0.00	37.21 0.73 0.00	46.29 0.78 0.00	55.66 1.04 0.00	52.77 0.80 0.00	48.17 0.73 0.00	49.90 0.87 0.00	53.71 0.76 0.00	58.43 1.03 0.00	59.58 1.51 0.00	73.55 2.10 0.00	81.62 2.35 0.00	90.88 2.20 0.00	114.09 2.70 0.00	168.55 4.11 0.00	261.43 7.17 -0.13	328.79 11.14 -1.24	187.86 7.32 -0.47	128.89 4.57 -1.74	82.63 2.32 -0.21	94.09 1.83 -0.38
COXSACKIE__GT 23611	50.76 2.04 0.00	50.25 1.97 0.00	41.81 1.80 0.00	36.42 1.64 0.00	38.21 1.73 0.00	47.52 2.01 0.00	56.93 2.31 0.00	54.18 2.20 0.00	49.33 1.89 0.00	50.45 1.42 0.00	54.25 1.30 0.00	59.06 1.66 0.00	60.26 2.19 0.00	74.44 2.99 0.00	82.95 3.68 0.00	93.38 4.71 0.00	116.59 5.19 0.00	172.29 7.85 0.00	269.02 14.89 0.00	337.41 21.00 0.00	193.17 13.11 0.00	134.10 8.90 -2.62	78.67 4.89 6.31	96.52 4.64 0.00
CPV_VALLEY__CC1 323721	49.86 1.15 0.00	49.36 1.08 0.00	41.13 1.12 0.00	35.90 1.12 0.00	37.63 1.15 0.00	46.58 1.07 0.00	55.60 0.98 0.00	53.11 1.14 0.00	48.74 1.30 0.00	50.34 1.31 0.00	54.19 1.24 0.00	58.65 1.25 0.00	59.83 1.76 0.00	74.15 2.70 0.00	82.60 3.33 0.00	92.37 3.70 0.00	116.00 4.61 0.00	171.00 6.56 0.00	263.34 9.21 0.00	327.00 10.60 0.00	186.90 6.84 0.00	128.27 5.11 -0.58	82.60 2.50 0.00	93.76 1.89 0.00
CPV_VALLEY__CC2 323722	49.86 1.15 0.00	49.36 1.08 0.00	41.13 1.12 0.00	35.90 1.12 0.00	37.63 1.15 0.00	46.58 1.07 0.00	55.60 0.98 0.00	53.11 1.14 0.00	48.74 1.30 0.00	50.34 1.31 0.00	54.19 1.24 0.00	58.65 1.25 0.00	59.83 1.76 0.00	74.15 2.70 0.00	82.60 3.33 0.00	92.37 3.70 0.00	116.00 4.61 0.00	171.00 6.56 0.00	263.34 9.21 0.00	327.00 10.60 0.00	186.90 6.84 0.00	128.27 5.11 -0.58	82.60 2.50 0.00	93.76 1.89 0.00
CRESCENT__HYD 24018	50.31 1.59 0.00	49.79 1.51 0.00	41.51 1.50 0.00	36.21 1.43 0.00	37.97 1.49 0.00	47.13 1.63 0.00	56.30 1.68 0.00	53.59 1.61 0.00	48.93 1.50 0.00	50.35 1.32 0.00	54.24 1.29 0.00	58.71 1.31 0.00	60.00 1.93 0.00	74.09 2.64 0.00	82.32 3.05 0.00	92.03 3.36 0.00	115.43 4.03 0.00	170.79 6.35 0.00	264.14 10.01 0.00	329.06 12.65 0.00	188.22 8.16 0.00	134.22 5.91 -5.73	89.00 3.25 -5.65	95.03 3.15 0.00
CRICKET__VALLEY_CC1 323756	49.86 1.15 0.00	49.36 1.07 0.00	41.20 1.19 0.00	35.97 1.19 0.00	37.73 1.25 0.00	46.71 1.21 0.00	55.66 1.04 0.00	53.12 1.15 0.00	48.84 1.40 0.00	50.37 1.35 0.00	54.37 1.42 0.00	58.76 1.36 0.00	60.09 2.03 0.00	74.47 3.02 0.00	82.93 3.66 0.00	92.88 4.20 0.00	116.73 5.34 0.00	172.11 7.66 0.00	265.06 10.92 0.00	329.20 12.80 0.00	188.14 8.08 0.00	129.31 5.91 -0.82	83.71 2.91 -0.71	94.18 2.30 0.00
CRICKET__VALLEY_CC2 323757	49.86 1.15 0.00	49.36 1.07 0.00	41.20 1.19 0.00	35.97 1.19 0.00	37.73 1.25 0.00	46.71 1.21 0.00	55.66 1.04 0.00	53.12 1.15 0.00	48.84 1.40 0.00	50.37 1.35 0.00	54.37 1.42 0.00	58.76 1.36 0.00	60.09 2.03 0.00	74.47 3.02 0.00	82.93 3.66 0.00	92.88 4.20 0.00	116.73 5.34 0.00	172.11 7.66 0.00	265.06 10.92 0.00	329.20 12.80 0.00	188.14 8.08 0.00	129.31 5.91 -0.82	83.71 2.91 -0.71	94.18 2.30 0.00
CRICKET__VALLEY_CC3 323758	49.86 1.15 0.00	49.36 1.07 0.00	41.20 1.19 0.00	35.97 1.19 0.00	37.73 1.25 0.00	46.71 1.21 0.00	55.66 1.04 0.00	53.12 1.15 0.00	48.84 1.40 0.00	50.37 1.35 0.00	54.37 1.42 0.00	58.76 1.36 0.00	60.09 2.03 0.00	74.47 3.02 0.00	82.93 3.66 0.00	92.88 4.20 0.00	116.73 5.34 0.00	172.11 7.66 0.00	265.06 10.92 0.00	329.20 12.80 0.00	188.14 8.08 0.00	129.31 5.91 -0.82	83.71 2.91 -0.71	94.18 2.30 0.00
CRUCIBLE_METL_DRP 24180	48.63 -0.08 0.00	48.12 -0.17 0.00	39.77 -0.24 0.00	34.64 -0.13 0.00	36.34 -0.14 0.00	45.22 -0.28 0.00	54.67 -0.31 -0.37	51.69 -0.37 -0.08	47.20 -0.24 0.00	48.97 -0.05 0.00	52.88 -0.06 0.00	57.59 0.19 0.00	58.61 0.55 0.00	72.42 0.97 0.00	80.41 1.14 0.00	89.68 1.01 0.00	112.55 1.15 0.00	165.92 1.48 0.00	257.23 2.87 -0.22	323.31 4.74 -2.16	184.13 3.24 -0.83	127.36 1.74 -3.04	81.12 0.65 -0.37	92.54 0.00 -0.66
DAHOWA__HYDRO 323763	51.69 2.98 0.00	51.11 2.82 0.00	42.47 2.46 0.00	37.09 2.31 0.00	38.93 2.45 0.00	48.36 2.86 0.00	57.86 3.25 0.00	54.95 2.98 0.00	50.15 2.72 0.00	51.56 2.53 0.00	55.16 2.21 0.00	59.59 2.19 0.00	61.03 2.96 0.00	75.49 4.04 0.00	83.96 4.69 0.00	94.29 5.62 0.00	118.20 6.80 0.00	175.59 11.14 0.00	273.12 18.99 0.00	341.09 24.68 0.00	195.38 15.32 0.00	139.59 10.32 -6.69	89.57 5.66 -3.81	97.75 5.88 0.00
DANC__LFGE 323619	49.69 0.98 0.00	48.99 0.70 0.00	40.43 0.43 0.00	35.10 0.33 0.00	36.82 0.34 0.00	46.01 0.50 0.00	55.88 0.75 -0.51	52.57 0.48 -0.12	47.83 0.40 0.00	49.35 0.32 0.00	53.42 0.47 0.00	57.83 0.43 0.00	58.60 0.53 0.00	72.02 0.57 0.00	79.83 0.55 0.00	88.83 0.16 0.00	111.20 -0.20 0.00	165.30 0.86 0.00	258.35 3.99 -0.23	327.98 9.32 -2.24	187.89 6.97 -0.86	130.65 4.91 -3.16	83.18 2.70 -0.39	94.70 2.13 -0.69
DANSKAMMER__1 23586	51.01 2.30 0.00	50.48 2.20 0.00	42.06 2.05 0.00	36.69 1.91 0.00	38.48 2.00 0.00	47.63 2.12 0.00	56.85 2.23 0.00	54.32 2.35 0.00	49.90 2.46 0.00	51.52 2.50 0.00	55.52 2.58 0.00	60.11 2.71 0.00	61.33 3.27 0.00	76.08 4.63 0.00	84.86 5.59 0.00	95.05 6.37 0.00	119.57 8.17 0.00	176.50 12.06 0.00	271.71 17.57 0.00	337.29 20.88 0.00	192.56 12.50 0.00	132.24 8.95 -0.70	85.07 4.97 0.00	96.39 4.51 0.00
DANSKAMMER__2 23589	51.01 2.30 0.00	50.48 2.20 0.00	42.06 2.05 0.00	36.69 1.91 0.00	38.48 2.00 0.00	47.63 2.12 0.00	56.85 2.23 0.00	54.32 2.35 0.00	49.90 2.46 0.00	51.52 2.50 0.00	55.52 2.58 0.00	60.11 2.71 0.00	61.33 3.27 0.00	76.08 4.63 0.00	84.86 5.59 0.00	95.05 6.37 0.00	119.57 8.17 0.00	176.50 12.06 0.00	271.71 17.57 0.00	337.29 20.88 0.00	192.56 12.50 0.00	132.24 8.95 -0.70	85.07 4.97 0.00	96.39 4.51 0.00
DANSKAMMER__3 23590	51.01 2.30 0.00	50.48 2.20 0.00	42.06 2.05 0.00	36.69 1.91 0.00	38.48 2.00 0.00	47.63 2.12 0.00	56.85 2.23 0.00	54.32 2.35 0.00	49.90 2.46 0.00	51.52 2.50 0.00	55.52 2.58 0.00	60.11 2.71 0.00	61.33 3.27 0.00	76.08 4.63 0.00	84.86 5.59 0.00	95.05 6.37 0.00	119.57 8.17 0.00	176.50 12.06 0.00	271.71 17.57 0.00	337.29 20.88 0.00	192.56 12.50 0.00	132.24 8.95 -0.70	85.07 4.97 0.00	96.39 4.51 0.00

DANSKAMMER___4 23591	51.01 2.30 0.00	50.48 2.20 0.00	42.06 2.05 0.00	36.69 1.91 0.00	38.48 2.00 0.00	47.63 2.12 0.00	56.85 2.23 0.00	54.32 2.35 0.00	49.90 2.46 0.00	51.52 2.50 0.00	55.52 2.58 0.00	60.11 2.71 0.00	61.33 3.27 0.00	76.08 4.63 0.00	84.86 5.59 0.00	95.05 6.37 0.00	119.57 8.17 0.00	176.50 12.06 0.00	271.71 17.57 0.00	337.29 20.88 0.00	192.56 12.50 0.00	132.24 8.95 -0.70	85.07 4.97 0.00	96.39 4.51 0.00
DANSKAMMER___DIESEL 23592	51.01 2.30 0.00	50.48 2.20 0.00	42.06 2.05 0.00	36.69 1.92 0.00	38.48 2.00 0.00	47.62 2.11 0.00	56.84 2.23 0.00	54.32 2.35 0.00	49.90 2.46 0.00	51.52 2.49 0.00	55.52 2.58 0.00	60.10 2.71 0.00	61.34 3.27 0.00	76.08 4.63 0.00	84.86 5.59 0.00	95.05 6.37 0.00	119.57 8.17 0.00	176.50 12.06 0.00	271.73 17.60 0.00	337.29 20.88 0.00	192.56 12.50 0.00	132.25 8.96 -0.70	85.07 4.97 0.00	96.40 4.52 0.00
DARBY___SOLAR 323810	51.36 2.65 0.00	50.80 2.52 0.00	42.23 2.23 0.00	36.87 2.09 0.00	38.69 2.21 0.00	48.05 2.55 0.00	57.49 2.87 0.00	54.60 2.62 0.00	49.82 2.38 0.00	51.21 2.18 0.00	54.88 1.93 0.00	59.30 1.91 0.00	60.69 2.63 0.00	75.06 3.61 0.00	83.44 4.17 0.00	93.63 4.96 0.00	117.43 6.04 0.00	174.32 9.88 0.00	270.97 16.84 0.00	338.26 21.85 0.00	193.69 13.62 0.00	138.44 9.29 -6.58	89.24 5.10 -4.05	97.12 5.24 0.00
DASHVILLE___HYD 23610	50.63 1.92 0.00	50.16 1.88 0.00	41.81 1.81 0.00	36.45 1.68 0.00	38.20 1.72 0.00	47.28 1.78 0.00	56.39 1.78 0.00	53.87 1.90 0.00	49.41 1.98 0.00	51.02 1.99 0.00	55.01 2.06 0.00	59.49 2.09 0.00	60.74 2.67 0.00	75.29 3.84 0.00	83.96 4.69 0.00	93.89 5.21 0.00	118.29 6.89 0.00	174.44 10.00 0.00	268.64 14.51 0.00	333.38 16.97 0.00	190.49 10.42 0.00	131.11 7.44 -1.10	82.83 4.02 1.29	95.33 3.45 0.00
DELAWARE___LFGE 323621	50.08 1.38 0.00	49.76 1.48 0.00	41.38 1.37 0.00	36.04 1.27 0.00	37.81 1.33 0.00	46.97 1.47 0.00	56.26 1.65 0.00	53.55 1.57 0.00	48.75 1.32 0.00	50.46 1.43 0.00	54.42 1.47 0.00	59.05 1.65 0.00	60.13 2.07 0.00	74.28 2.83 0.00	82.52 3.25 0.00	91.88 3.21 0.00	115.38 3.98 0.00	170.32 5.87 0.00	262.96 8.79 -0.04	328.17 11.34 -0.42	187.28 7.06 -0.16	128.98 4.85 -1.55	82.90 2.73 -0.07	94.50 2.49 -0.13
DERFIELD_115KV_TB7 355931	48.93 0.22 0.00	48.50 0.21 0.00	40.25 0.24 0.00	35.02 0.24 0.00	36.74 0.26 0.00	45.76 0.25 0.00	54.83 0.22 0.00	52.18 0.21 0.00	47.60 0.16 0.00	49.18 0.15 0.00	53.06 0.11 0.00	57.52 0.12 0.00	58.35 0.28 0.00	71.93 0.48 0.00	79.82 0.55 0.00	89.20 0.53 0.00	111.95 0.56 0.00	165.31 0.87 0.00	255.66 1.53 0.00	318.33 1.92 0.00	181.54 1.48 0.00	123.67 1.10 0.00	80.66 0.56 0.00	92.25 0.36 0.00
DOGLEVILLE___HYD 23807	49.88 1.17 0.00	49.46 1.17 0.00	41.22 1.21 0.00	36.00 1.23 0.00	37.78 1.30 0.00	46.96 1.45 0.00	55.92 1.30 0.00	52.82 0.84 0.00	47.62 0.18 0.00	48.53 -0.50 0.00	52.00 -0.95 0.00	56.33 -1.07 0.00	57.69 -0.38 0.00	71.69 0.24 0.00	80.01 0.74 0.00	89.21 0.53 0.00	112.25 0.85 0.00	167.00 2.56 0.00	261.19 7.05 0.00	328.85 12.45 0.00	189.28 9.22 0.00	129.23 6.65 0.00	83.59 3.49 0.00	94.54 2.66 0.00
DUNKIRK__115KV_TB_200 55889	50.82 2.11 0.00	50.09 1.80 0.00	40.36 0.35 0.00	35.37 0.60 0.00	37.08 0.60 0.00	46.07 0.57 0.00	55.32 0.71 0.00	52.36 0.38 0.00	48.18 0.74 0.00	50.93 1.90 0.00	55.39 2.44 0.00	60.55 3.15 0.00	61.61 3.54 0.00	76.97 5.52 0.00	85.29 6.02 0.00	94.05 5.38 0.00	117.23 5.83 0.00	172.53 8.09 0.00	265.44 11.31 0.00	333.63 17.22 0.00	192.11 12.04 0.00	129.12 6.54 0.00	83.76 3.66 0.00	94.82 2.94 0.00
DUNKIRK___1 23563	50.82 2.11 0.00	50.09 1.80 0.00	40.36 0.35 0.00	35.37 0.60 0.00	37.08 0.60 0.00	46.07 0.57 0.00	55.32 0.71 0.00	52.36 0.38 0.00	48.18 0.74 0.00	50.93 1.90 0.00	55.39 2.44 0.00	60.55 3.15 0.00	61.61 3.54 0.00	76.97 5.52 0.00	85.29 6.02 0.00	94.05 5.38 0.00	117.23 5.83 0.00	172.53 8.09 0.00	265.44 11.31 0.00	333.63 17.22 0.00	192.11 12.04 0.00	129.12 6.54 0.00	83.76 3.66 0.00	94.82 2.94 0.00
DUNKIRK___2 23564	50.82 2.11 0.00	50.09 1.80 0.00	40.36 0.35 0.00	35.37 0.60 0.00	37.08 0.60 0.00	46.07 0.57 0.00	55.32 0.71 0.00	52.36 0.38 0.00	48.18 0.74 0.00	50.93 1.90 0.00	55.39 2.44 0.00	60.55 3.15 0.00	61.61 3.54 0.00	76.97 5.52 0.00	85.29 6.02 0.00	94.05 5.38 0.00	117.23 5.83 0.00	172.53 8.09 0.00	265.44 11.31 0.00	333.63 17.22 0.00	192.11 12.04 0.00	129.12 6.54 0.00	83.76 3.66 0.00	94.82 2.94 0.00
DUNKIRK___3 23565	50.53 1.82 0.00	49.80 1.52 0.00	40.14 0.13 0.00	35.19 0.41 0.00	36.88 0.39 0.00	45.80 0.29 0.00	54.98 0.37 0.00	52.02 0.05 0.00	47.88 0.44 0.00	50.64 1.61 0.00	55.06 2.11 0.00	60.29 2.89 0.00	61.28 3.21 0.00	76.54 5.09 0.00	84.79 5.52 0.00	93.50 4.83 0.00	116.52 5.13 0.00	171.60 7.16 0.00	263.94 9.80 0.00	331.27 14.86 0.00	190.63 10.56 0.00	128.15 5.57 0.00	83.16 3.07 0.00	94.17 2.29 0.00
DUNKIRK___4 23566	50.53 1.82 0.00	49.80 1.52 0.00	40.14 0.13 0.00	35.19 0.41 0.00	36.88 0.39 0.00	45.80 0.29 0.00	54.98 0.37 0.00	52.02 0.05 0.00	47.88 0.44 0.00	50.64 1.61 0.00	55.06 2.11 0.00	60.29 2.89 0.00	61.28 3.21 0.00	76.54 5.09 0.00	84.79 5.52 0.00	93.50 4.83 0.00	116.52 5.13 0.00	171.60 7.16 0.00	263.94 9.80 0.00	331.27 14.86 0.00	190.63 10.56 0.00	128.15 5.57 0.00	83.16 3.07 0.00	94.17 2.29 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.88 2.17 0.00	50.39 2.11 0.00	42.05 2.04 0.00	36.69 1.92 0.00	38.49 2.01 0.00	47.55 2.05 0.00	56.65 2.03 0.00	54.16 2.18 0.00	49.90 2.46 0.00	51.54 2.51 0.00	55.42 2.47 0.00	59.89 2.49 0.00	61.19 3.12 0.00	75.95 4.50 0.00	84.73 5.46 0.00	94.92 6.24 0.00	119.17 7.77 0.00	175.61 11.16 0.00	270.11 15.98 0.00	334.99 18.58 0.00	191.43 11.37 0.00	131.55 8.30 -0.67	84.82 4.37 -0.35	95.63 3.75 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.73 2.02 0.00	50.20 1.91 0.00	41.82 1.81 0.00	36.48 1.71 0.00	38.26 1.78 0.00	47.34 1.84 0.00	56.51 1.90 0.00	54.01 2.03 0.00	49.61 2.17 0.00	51.21 2.19 0.00	55.17 2.23 0.00	59.70 2.30 0.00	60.94 2.88 0.00	75.60 4.15 0.00	84.35 5.08 0.00	94.41 5.74 0.00	118.75 7.36 0.00	175.26 10.81 0.00	269.82 15.69 0.00	334.97 18.56 0.00	191.36 11.30 0.00	131.41 8.14 -0.69	84.47 4.37 0.00	95.71 3.83 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.96 2.25 0.00	50.53 2.25 0.00	42.25 2.24 0.00	36.83 2.06 0.00	38.63 2.15 0.00	47.65 2.14 0.00	56.76 2.14 0.00	54.36 2.39 0.00	50.23 2.79 0.00	51.73 2.70 0.00	55.52 2.58 0.00	59.97 2.57 0.00	61.27 3.20 0.00	76.03 4.58 0.00	84.78 5.50 0.00	94.98 6.30 0.00	119.17 7.77 -0.01	175.40 10.95 -0.01	269.57 15.43 -0.01	334.17 17.76 -0.01	190.95 10.88 -0.01	131.23 7.97 -0.68	84.67 4.21 -0.36	95.43 3.55 -0.01

E179THST_13_KV_LOAD 356214	51.29 2.58 0.00	50.86 2.58 0.00	42.51 2.50 0.00	37.05 2.27 0.00	38.85 2.38 0.00	47.93 2.42 0.00	57.13 2.51 0.00	54.70 2.73 0.00	50.55 3.12 0.00	52.08 3.05 0.00	55.91 2.96 0.00	60.40 3.00 0.00	61.72 3.65 0.00	76.57 5.12 0.00	85.42 6.14 0.00	95.69 7.02 0.00	120.06 8.66 -0.01	176.76 12.31 -0.01	271.67 17.53 -0.01	336.80 20.39 -0.01	192.46 12.39 -0.01	132.22 8.96 -0.68	85.30 4.85 -0.36	96.13 4.24 -0.01
EAST HAMPTON___GT 23717	51.63 2.92 0.00	50.82 2.54 0.00	42.15 2.14 0.00	36.80 2.02 0.00	38.76 2.28 0.00	48.15 2.65 0.00	57.17 2.55 0.00	54.77 2.80 0.00	28.56 3.24 22.12	31.35 4.06 21.74	57.13 4.76 0.58	60.45 4.28 1.23	62.77 5.39 0.69	78.93 7.48 0.00	87.93 8.66 0.00	98.19 9.53 0.01	129.77 12.56 -5.81	181.35 18.45 1.55	275.78 23.82 2.18	200.13 23.17 139.45	113.23 15.01 81.85	94.44 12.80 40.93	72.49 6.49 14.11	98.31 6.43 0.00
EAST RIVER___6 23660	50.96 2.25 0.00	50.50 2.21 0.00	42.17 2.16 0.00	36.81 2.03 0.00	38.61 2.13 0.00	47.67 2.16 0.00	56.74 2.13 0.00	54.30 2.33 0.00	50.15 2.72 0.00	51.77 2.74 0.00	55.58 2.64 0.00	60.04 2.65 0.00	61.36 3.30 0.00	76.20 4.75 0.00	85.00 5.72 0.00	95.23 6.56 0.00	119.52 8.12 0.00	175.91 11.47 0.00	270.36 16.22 0.00	334.99 18.59 0.00	191.39 11.33 0.00	131.51 8.26 -0.67	84.87 4.42 -0.35	95.63 3.76 0.00
EAST RIVER___7 23524	50.96 2.25 0.00	50.50 2.21 0.00	42.17 2.16 0.00	36.81 2.03 0.00	38.61 2.13 0.00	47.67 2.16 0.00	56.74 2.13 0.00	54.30 2.33 0.00	50.15 2.72 0.00	51.77 2.74 0.00	55.58 2.64 0.00	60.04 2.65 0.00	61.36 3.30 0.00	76.20 4.75 0.00	85.00 5.72 0.00	95.23 6.56 0.00	119.52 8.12 0.00	175.91 11.47 0.00	270.36 16.22 0.00	334.99 18.59 0.00	191.39 11.33 0.00	131.51 8.26 -0.67	84.87 4.42 -0.35	95.63 3.76 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.71 2.00 0.00	50.24 1.95 0.00	41.89 1.88 0.00	36.57 1.79 0.00	38.35 1.87 0.00	47.38 1.88 0.00	56.48 1.86 0.00	54.00 2.02 0.00	49.73 2.30 0.00	51.36 2.33 0.00	55.25 2.30 0.00	59.71 2.31 0.00	61.00 2.94 0.00	75.71 4.25 0.00	84.45 5.17 0.00	94.58 5.91 0.00	118.75 7.36 0.00	174.95 10.51 0.00	269.11 14.98 0.00	333.81 17.40 0.00	190.75 10.68 0.00	131.06 7.82 -0.67	84.55 4.10 -0.35	95.33 3.45 0.00
EAST_HAMPTON___DIESEL 23722	51.58 2.87 0.00	50.75 2.47 0.00	42.08 2.07 0.00	36.75 1.98 0.00	38.72 2.24 0.00	48.12 2.62 0.00	57.12 2.51 0.00	54.76 2.79 0.00	28.56 3.24 22.12	31.36 4.07 21.74	57.15 4.78 0.58	60.50 4.34 1.23	62.81 5.43 0.69	78.97 7.52 0.00	87.95 8.68 0.00	98.25 9.58 0.01	129.88 12.67 -5.81	181.46 18.57 1.55	275.84 23.88 2.18	200.01 23.05 139.45	113.15 14.94 81.85	94.38 12.73 40.93	72.47 6.48 14.11	98.29 6.41 0.00
EAST_POINT___SOLAR 323840	52.71 4.00 0.00	52.08 3.80 0.00	43.07 3.06 0.00	37.37 2.59 0.00	39.20 2.72 0.00	48.91 3.40 0.00	58.77 4.15 0.00	55.29 3.32 0.00	49.75 2.31 0.00	49.91 0.88 0.00	53.67 0.71 0.00	58.21 0.81 0.00	59.09 1.02 0.00	72.61 1.16 0.00	80.61 1.34 0.00	90.32 1.64 0.00	113.51 2.12 0.00	169.16 4.71 0.00	266.95 12.82 0.00	342.68 26.27 0.00	198.05 17.99 0.00	141.27 12.01 -6.68	89.31 7.41 -1.80	99.62 7.74 0.00
EAST_PULASKI___ESR 323781	48.66 -0.05 0.00	48.13 -0.15 0.00	39.78 -0.23 0.00	34.58 -0.20 0.00	36.28 -0.20 0.00	45.24 -0.27 0.00	55.12 -0.26 -0.77	51.76 -0.40 -0.17	47.07 -0.37 0.00	48.68 -0.35 0.00	52.65 -0.29 0.00	57.15 -0.25 0.00	58.04 -0.03 0.00	71.53 0.08 0.00	79.38 0.10 0.00	88.40 -0.27 0.00	110.80 -0.59 0.00	164.07 -0.37 0.00	255.32 0.84 -0.34	323.01 3.29 -3.31	184.35 3.02 -1.26	129.19 1.96 -4.65	81.62 0.96 -0.57	93.11 0.22 -1.01
EAST_RIVER___1 323558	50.99 2.28 0.00	50.53 2.24 0.00	42.18 2.18 0.00	36.82 2.05 0.00	38.63 2.15 0.00	47.71 2.20 0.00	56.81 2.19 0.00	54.35 2.38 0.00	50.19 2.75 0.00	51.81 2.78 0.00	55.63 2.68 0.00	60.09 2.70 0.00	61.41 3.34 0.00	76.27 4.82 0.00	85.10 5.82 0.00	95.35 6.67 0.00	119.65 8.26 0.00	176.13 11.68 0.00	270.71 16.58 0.00	335.51 19.10 0.00	191.69 11.63 0.00	131.69 8.43 -0.67	84.95 4.50 -0.35	95.71 3.83 0.00
EAST_RIVER___2 323559	50.96 2.25 0.00	50.50 2.21 0.00	42.17 2.16 0.00	36.81 2.03 0.00	38.61 2.13 0.00	47.67 2.16 0.00	56.74 2.13 0.00	54.30 2.33 0.00	50.15 2.72 0.00	51.77 2.74 0.00	55.58 2.64 0.00	60.04 2.65 0.00	61.36 3.30 0.00	76.20 4.75 0.00	85.00 5.72 0.00	95.23 6.56 0.00	119.52 8.12 0.00	175.91 11.47 0.00	270.36 16.22 0.00	334.99 18.59 0.00	191.39 11.33 0.00	131.51 8.26 -0.67	84.87 4.42 -0.35	95.63 3.76 0.00
EAST___DELAWARE_HYD 23607	49.44 0.73 0.00	48.91 0.63 0.00	40.72 0.71 0.00	35.50 0.72 0.00	37.22 0.73 0.00	46.07 0.57 0.00	54.82 0.20 0.00	52.38 0.41 0.00	48.29 0.86 0.00	49.95 0.93 0.00	54.03 1.08 0.00	58.40 1.00 0.00	59.01 0.94 0.00	73.23 1.78 0.00	82.19 2.92 0.00	92.53 3.86 0.00	116.88 5.49 0.00	172.89 8.45 0.00	266.39 12.26 0.00	330.57 14.16 0.00	188.75 8.69 0.00	129.47 6.16 -0.73	83.11 3.01 0.00	94.12 2.25 0.00
EIGHT_POINT___WT_PWR 323820	50.80 2.09 0.00	50.16 1.88 0.00	40.87 0.86 0.00	35.76 0.98 0.00	37.51 1.03 0.00	46.61 1.10 0.00	56.17 1.56 0.00	52.66 0.69 0.00	48.01 0.58 0.00	50.15 1.11 0.00	53.95 1.01 0.00	59.14 1.75 0.00	60.48 2.42 0.00	75.11 3.66 0.00	83.22 3.94 0.00	91.94 3.27 0.00	114.85 3.45 0.00	169.66 5.21 0.00	262.97 8.79 -0.05	333.25 16.34 -0.50	191.91 11.66 -0.19	129.39 5.93 -0.88	82.80 2.62 -0.09	93.99 1.96 -0.15
ELBRIDGE_115KV_TB2 80188	48.68 -0.04 0.00	48.17 -0.11 0.00	39.80 -0.21 0.00	34.67 -0.11 0.00	36.37 -0.11 0.00	45.21 -0.30 0.00	54.68 -0.31 -0.37	51.63 -0.43 -0.08	47.12 -0.31 0.00	48.96 -0.07 0.00	52.84 -0.11 0.00	57.54 0.14 0.00	58.59 0.53 0.00	72.36 0.91 0.00	80.29 1.02 0.00	89.48 0.81 0.00	112.19 0.80 0.00	165.52 1.07 0.00	256.45 2.08 -0.24	322.91 4.21 -2.29	184.00 3.06 -0.87	127.45 1.66 -3.22	81.03 0.54 -0.39	92.56 -0.02 -0.70
ELEC_TRO_TEK 24086	50.53 1.82 0.00	50.06 1.78 0.00	41.73 1.72 0.00	36.42 1.64 0.00	38.21 1.72 0.00	47.15 1.65 0.00	55.88 1.26 0.00	53.44 1.46 0.00	43.81 1.80 5.43	45.68 1.88 5.23	54.80 1.97 0.12	58.86 1.81 0.35	60.55 2.68 0.19	75.40 3.95 0.00	84.14 4.87 0.00	94.53 5.81 -0.05	118.64 7.17 -0.08	175.07 10.15 -0.48	268.40 14.27 0.00	309.04 16.31 23.68	180.96 9.84 8.95	151.70 7.84 -21.28	91.22 3.78 -7.35	95.08 3.20 0.00
ELLENBURG_WT_PWR 323604	48.31 -0.40 0.00	47.84 -0.45 0.00	39.44 -0.57 0.00	34.17 -0.61 0.00	35.81 -0.67 0.00	44.79 -0.71 0.00	53.94 -0.68 0.00	51.45 -0.52 0.00	46.98 -0.45 0.00	48.48 -0.55 0.00	52.50 -0.45 0.00	56.76 -0.64 0.00	56.76 -1.30 0.00	69.58 -1.87 0.00	77.17 -2.10 0.00	86.70 -1.98 0.00	109.27 -2.13 0.00	161.65 -2.80 0.00	250.25 -3.88 0.00	312.02 -4.39 0.00	176.35 -3.71 0.00	119.91 -2.67 0.00	78.71 -1.39 0.00	91.28 -0.60 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.83 1.11 0.00	49.16 0.87 0.00	39.60 -0.41 0.00	34.71 -0.07 0.00	36.38 -0.10 0.00	45.17 -0.33 0.00	54.19 -0.43 0.00	51.23 -0.75 0.00	47.19 -0.25 0.00	49.95 0.92 0.00	54.33 1.39 0.00	59.65 2.26 0.00	60.73 2.66 0.00	76.11 4.66 0.00	84.27 5.00 0.00	92.95 4.27 0.00	115.65 4.25 0.00	170.70 6.26 0.00	262.50 8.37 0.00	328.23 11.82 0.00	188.58 8.51 0.00	126.64 4.06 0.00	82.41 2.31 0.00	93.45 1.57 0.00
EMPIRE_CC_1 323656	49.21 0.49 0.00	48.76 0.48 0.00	40.71 0.70 0.00	35.55 0.78 0.00	37.28 0.80 0.00	46.20 0.70 0.00	55.13 0.52 0.00	52.50 0.53 0.00	47.95 0.52 0.00	49.34 0.31 0.00	53.43 0.49 0.00	57.79 0.39 0.00	59.02 0.95 0.00	72.54 1.09 0.00	80.58 1.31 0.00	89.91 1.24 0.00	112.77 1.38 0.00	166.68 2.24 0.00	257.61 3.48 0.00	320.52 4.11 0.00	183.37 3.30 0.00	127.17 2.73 -1.86	87.35 1.27 -5.99	92.80 0.92 0.00
EMPIRE_CC_2 323658	49.21 0.49 0.00	48.76 0.48 0.00	40.71 0.70 0.00	35.55 0.78 0.00	37.28 0.80 0.00	46.20 0.70 0.00	55.13 0.52 0.00	52.50 0.53 0.00	47.95 0.52 0.00	49.34 0.31 0.00	53.43 0.49 0.00	57.79 0.39 0.00	59.02 0.95 0.00	72.54 1.09 0.00	80.58 1.31 0.00	89.91 1.24 0.00	112.77 1.38 0.00	166.68 2.24 0.00	257.61 3.48 0.00	320.52 4.11 0.00	183.37 3.30 0.00	127.17 2.73 -1.86	87.35 1.27 -5.99	92.80 0.92 0.00
ENORWICH_115KV_TB1 80156	52.88 4.17 0.00	52.28 3.99 0.00	43.15 3.14 0.00	37.63 2.85 0.00	39.51 3.03 0.00	49.20 3.70 0.00	59.35 4.74 0.00	56.26 4.29 0.00	51.14 3.70 0.00	52.95 3.92 0.00	56.74 3.79 0.00	61.75 4.36 0.00	63.03 4.96 0.00	77.92 6.46 0.00	86.72 7.45 0.00	96.42 7.74 0.00	121.59 10.19 0.00	180.38 15.94 0.00	281.45 27.22 -0.09	355.83 38.52 -0.90	203.27 22.86 -0.34	138.92 14.64 -1.70	88.57 8.31 -0.15	100.29 8.13 -0.27
ERIE_ST__34_KV_TB1-2 80199	50.28 1.57 0.00	49.51 1.22 0.00	39.91 -0.10 0.00	34.98 0.20 0.00	36.64 0.16 0.00	45.52 0.02 0.00	54.65 0.03 0.00	51.77 -0.20 0.00	47.73 0.30 0.00	50.55 1.52 0.00	55.00 2.05 0.00	60.41 3.02 0.00	61.61 3.54 0.00	77.22 5.77 0.00	85.60 6.32 0.00	94.59 5.92 0.00	118.05 6.66 0.00	174.50 10.05 0.00	268.39 14.25 0.00	335.53 19.13 0.00	192.51 12.45 0.00	128.87 6.29 0.00	83.58 3.48 0.00	94.53 2.65 0.00
ERIE_WT_PWR 323693	50.13 1.41 0.00	49.45 1.17 0.00	39.83 -0.18 0.00	34.92 0.14 0.00	36.59 0.11 0.00	45.40 -0.11 0.00	54.51 -0.10 0.00	51.56 -0.42 0.00	47.48 0.05 0.00	50.23 1.20 0.00	54.64 1.69 0.00	60.00 2.60 0.00	61.15 3.08 0.00	76.59 5.14 0.00	84.85 5.58 0.00	93.59 4.92 0.00	116.58 5.18 0.00	172.18 7.73 0.00	264.71 10.58 0.00	331.06 14.65 0.00	190.22 10.16 0.00	127.78 5.20 0.00	82.99 2.89 0.00	94.06 2.18 0.00
ESPRGFLD_115KV_TB1 80157	51.67 2.96 0.00	51.15 2.86 0.00	42.30 2.29 0.00	36.70 1.92 0.00	38.48 2.00 0.00	47.96 2.46 0.00	57.75 3.14 0.00	54.91 2.93 0.00	49.88 2.45 0.00	51.66 2.63 0.00	55.80 2.85 0.00	60.65 3.25 0.00	61.50 3.43 0.00	75.57 4.12 0.00	83.82 4.55 0.00	93.48 4.80 0.00	117.31 5.91 0.00	173.41 8.97 0.00	268.90 14.77 0.00	337.77 21.36 0.00	192.78 12.71 0.00	135.51 8.13 -4.79	86.48 5.11 -1.27	97.26 5.39 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	50.28 1.57 0.00	49.74 1.46 0.00	41.06 1.06 0.00	35.77 1.00 0.00	37.53 1.05 0.00	46.67 1.17 0.00	56.15 1.53 0.00	53.19 1.22 0.00	48.52 1.08 0.00	50.21 1.19 0.00	53.93 0.98 0.00	58.68 1.28 0.00	59.90 1.84 0.00	73.97 2.52 0.00	82.09 2.82 0.00	91.32 2.65 0.00	114.70 3.31 0.00	169.65 9.68 0.00	263.94 15.41 -0.13	333.04 15.41 -1.23	190.44 9.91 -0.47	130.72 6.21 -1.93	83.56 3.26 -0.21	95.08 2.82 -0.37
ETNA____115KV_TB2 80207	50.28 1.57 0.00	49.74 1.46 0.00	41.06 1.06 0.00	35.77 1.00 0.00	37.53 1.05 0.00	46.67 1.17 0.00	56.15 1.53 0.00	53.19 1.22 0.00	48.52 1.08 0.00	50.21 1.19 0.00	53.93 0.98 0.00	58.68 1.28 0.00	59.90 1.84 0.00	73.97 2.52 0.00	82.09 2.82 0.00	91.32 2.65 0.00	114.70 3.31 0.00	169.65 9.68 0.00	263.94 15.41 -0.13	333.04 15.41 -1.23	190.44 9.91 -0.47	130.72 6.21 -1.93	83.56 3.26 -0.21	95.08 2.82 -0.37
EUCLID__115KV_TB2 356179	48.35 -0.36 0.00	47.84 -0.44 0.00	39.54 -0.47 0.00	34.43 -0.35 0.00	36.12 -0.36 0.00	44.96 -0.54 0.00	54.11 -0.68 -0.18	51.34 -0.67 -0.04	46.90 -0.53 0.00	48.66 -0.37 0.00	52.59 -0.36 0.00	57.23 -0.17 0.00	58.22 0.15 0.00	71.98 0.53 0.00	79.89 0.62 0.00	89.08 0.40 0.00	111.73 0.34 0.00	164.81 0.37 0.00	255.02 0.78 -0.10	319.09 1.67 -1.01	181.92 1.47 -0.39	124.61 0.61 -1.42	80.31 0.04 -0.17	91.53 -0.66 -0.31
E_CANADA_CAP_HY 24051	52.13 3.42 0.00	51.52 3.24 0.00	42.58 2.57 0.00	36.90 2.12 0.00	38.70 2.22 0.00	48.27 2.77 0.00	58.10 3.49 0.00	55.12 3.15 0.00	49.89 2.45 0.00	51.27 2.24 0.00	55.37 2.42 0.00	60.10 2.70 0.00	60.88 2.81 0.00	74.61 3.16 0.00	82.69 3.42 0.00	92.50 3.83 0.00	115.87 4.48 0.00	171.80 7.36 0.00	267.84 13.70 0.00	338.36 21.95 0.00	193.71 13.65 0.00	137.63 8.84 -6.21	87.60 5.83 -1.67	98.25 6.37 0.00
E_CANADA_MHWK_HY 24050	49.88 1.17 0.00	49.46 1.17 0.00	41.22 1.20 0.00	36.00 1.23 0.00	37.78 1.30 0.00	46.96 1.45 0.00	55.92 1.30 0.00	52.82 0.84 0.00	47.62 0.18 0.00	48.53 -0.50 0.00	52.00 -0.95 0.00	56.33 -1.07 0.00	57.69 -0.38 0.00	71.69 0.24 0.00	80.01 0.74 0.00	89.21 0.54 0.00	112.25 0.85 0.00	167.00 2.56 0.00	261.19 7.06 0.00	328.86 12.45 0.00	189.27 9.21 0.00	129.23 6.65 0.00	83.59 3.49 0.00	94.54 2.66 0.00
E_FISHKILL__LBMP 23776	50.22 1.51 0.00	49.76 1.47 0.00	41.50 1.49 0.00	36.22 1.44 0.00	37.98 1.50 0.00	46.98 1.48 0.00	56.02 1.41 0.00	53.50 1.52 0.00	49.16 1.73 0.00	50.74 1.71 0.00	54.66 1.71 0.00	59.12 1.72 0.00	60.38 2.31 0.00	74.88 3.42 0.00	83.42 4.15 0.00	93.31 4.63 0.00	117.18 5.79 0.00	172.78 8.33 0.00	265.91 11.77 0.00	330.03 13.62 0.00	188.65 8.59 0.00	129.60 6.33 -0.69	83.69 3.23 -0.36	94.52 2.64 0.00
FALCON__SEABRD_CC1 323796	48.42 -0.29 0.00	48.05 -0.24 0.00	39.58 -0.43 0.00	34.36 -0.41 0.00	36.02 -0.46 0.00	44.99 -0.52 0.00	53.86 -0.76 0.00	51.37 -0.60 0.00	46.93 -0.50 0.00	48.41 -0.61 0.00	52.44 -0.51 0.00	56.73 -0.66 0.00	56.81 -1.26 0.00	69.74 -1.72 0.00	77.34 -1.93 0.00	86.97 -1.70 0.00	109.58 -1.81 0.00	162.21 -2.23 0.00	251.18 -2.95 0.00	313.43 -2.98 0.00	176.96 -3.10 0.00	120.37 -2.21 0.00	78.95 -1.15 0.00	91.39 -0.49 0.00
FALCON__SEABRD_CC2 323797	48.42 -0.29 0.00	48.05 -0.24 0.00	39.58 -0.43 0.00	34.36 -0.41 0.00	36.02 -0.46 0.00	44.99 -0.52 0.00	53.86 -0.76 0.00	51.37 -0.60 0.00	46.93 -0.50 0.00	48.41 -0.61 0.00	52.44 -0.51 0.00	56.73 -0.66 0.00	56.81 -1.26 0.00	69.74 -1.72 0.00	77.34 -1.93 0.00	86.97 -1.70 0.00	109.58 -1.81 0.00	162.21 -2.23 0.00	251.18 -2.95 0.00	313.43 -2.98 0.00	176.96 -3.10 0.00	120.37 -2.21 0.00	78.95 -1.15 0.00	91.39 -0.49 0.00

FAR ROCKAWAY___4 23548	51.66 2.95 0.00	51.12 2.83 0.00	42.49 2.48 0.00	37.07 2.30 0.00	38.90 2.42 0.00	48.01 2.50 0.00	56.97 2.36 0.00	54.49 2.52 0.00	49.25 2.76 0.95	51.04 2.77 0.76	55.94 2.98 -0.01	60.19 2.91 0.13	61.56 3.56 0.07	76.66 5.21 0.00	85.71 6.44 0.00	96.46 7.62 -0.16	120.36 8.72 -0.25	178.86 12.62 -1.80	272.16 18.03 0.00	339.25 21.04 -1.81	205.13 12.31 -12.76	221.83 9.64 -89.61	115.93 5.11 -30.72	96.44 4.56 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.01 2.30 0.00	50.54 2.26 0.00	42.21 2.20 0.00	36.84 2.06 0.00	38.64 2.16 0.00	47.71 2.21 0.00	56.83 2.22 0.00	54.39 2.42 0.00	50.22 2.78 0.00	51.84 2.81 0.00	55.64 2.69 0.00	60.13 2.73 0.00	61.43 3.37 0.00	76.28 4.83 0.00	85.12 5.85 0.00	95.36 6.69 0.00	119.68 8.28 0.00	176.24 11.80 0.00	270.85 16.72 0.00	335.74 19.33 0.00	191.78 11.72 0.00	131.78 8.52 -0.67	85.00 4.55 -0.35	95.76 3.88 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.02 2.31 0.00	50.55 2.27 0.00	42.22 2.21 0.00	36.85 2.07 0.00	38.65 2.17 0.00	47.72 2.21 0.00	56.85 2.23 0.00	54.40 2.42 0.00	50.22 2.78 0.00	51.83 2.80 0.00	55.64 2.69 0.00	60.14 2.74 0.00	61.44 3.37 0.00	76.29 4.84 0.00	85.13 5.86 0.00	95.37 6.69 0.00	119.69 8.29 0.00	176.26 11.82 0.00	270.90 16.77 0.00	335.75 19.34 0.00	191.84 11.78 0.00	131.83 8.58 -0.67	85.03 4.58 -0.35	95.79 3.91 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.97 2.25 0.00	50.50 2.22 0.00	42.18 2.17 0.00	36.81 2.04 0.00	38.62 2.14 0.00	47.67 2.17 0.00	56.80 2.19 0.00	54.35 2.37 0.00	50.19 2.75 0.00	51.80 2.77 0.00	55.60 2.65 0.00	60.08 2.68 0.00	61.40 3.33 0.00	76.22 4.77 0.00	85.05 5.78 0.00	95.28 6.60 0.00	119.57 8.17 0.00	176.06 11.62 0.00	270.57 16.43 0.00	335.34 18.93 0.00	191.57 11.51 0.00	131.65 8.40 -0.67	84.91 4.46 -0.35	95.67 3.79 0.00
FARRAGUT___LBMP 323566	50.92 2.21 0.00	50.46 2.17 0.00	42.14 2.13 0.00	36.78 2.01 0.00	38.59 2.11 0.00	47.63 2.12 0.00	56.74 2.12 0.00	54.29 2.32 0.00	50.12 2.68 0.00	51.72 2.69 0.00	55.53 2.58 0.00	59.98 2.58 0.00	61.29 3.23 0.00	76.12 4.67 0.00	84.92 5.65 0.00	95.15 6.48 0.00	119.40 8.00 0.00	175.80 11.35 0.00	270.20 16.07 0.00	334.90 18.49 0.00	191.35 11.29 0.00	131.48 8.23 -0.67	84.82 4.37 -0.35	95.57 3.69 0.00
FENNER___WINDPWR 24204	50.18 1.47 0.00	49.61 1.33 0.00	41.02 1.01 0.00	35.69 0.92 0.00	37.45 0.97 0.00	46.68 1.17 0.00	56.06 1.44 0.00	53.21 1.24 0.00	48.55 1.11 0.00	50.21 1.18 0.00	54.15 1.20 0.00	58.77 1.37 0.00	59.70 1.64 0.00	73.55 2.11 0.00	81.47 2.19 0.00	90.90 2.22 0.00	114.28 2.88 0.00	169.08 4.64 0.00	262.59 8.36 -0.10	329.81 12.45 -0.95	188.37 7.94 -0.36	128.96 5.05 -1.33	82.95 2.69 -0.16	94.56 2.40 -0.29
FIBERTEK___ENERGY 23856	48.63 -0.08 0.00	48.12 -0.17 0.00	39.77 -0.24 0.00	34.64 -0.13 0.00	36.34 -0.14 0.00	45.22 -0.28 0.00	54.67 -0.31 -0.37	51.69 -0.37 -0.08	47.20 -0.24 0.00	48.97 -0.05 0.00	52.88 -0.06 0.00	57.59 0.19 0.00	58.61 0.55 0.00	72.42 0.97 0.00	80.41 1.14 0.00	89.68 1.01 0.00	112.55 1.15 0.00	165.92 1.48 0.00	257.23 2.87 -0.22	323.31 4.74 -2.16	184.13 3.24 -0.83	127.36 1.74 -3.04	81.12 0.65 -0.37	92.54 0.00 -0.66
FITZPATRICK___ 23598	47.52 -1.18 0.01	47.06 -1.22 0.00	38.91 -1.10 0.00	33.87 -0.90 0.00	35.53 -0.95 0.00	44.25 -1.26 0.00	49.64 -1.54 3.43	49.69 -1.50 0.78	46.12 -1.31 0.00	47.81 -1.22 0.00	51.67 -1.28 0.00	56.16 -1.24 0.00	57.04 -1.03 0.00	70.43 -1.02 0.00	78.15 -1.12 0.00	87.17 -1.50 0.00	109.36 -2.03 0.00	161.27 -3.17 0.00	248.14 -4.73 1.26	298.96 -5.30 12.15	172.88 -2.54 4.64	103.50 -1.99 17.08	76.50 -1.51 2.09	85.94 -2.23 3.71
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.11 2.40 0.00	50.57 2.29 0.00	42.13 2.13 0.00	36.75 1.98 0.00	38.55 2.07 0.00	47.71 2.20 0.00	56.95 2.34 0.00	54.42 2.45 0.00	50.02 2.58 0.00	51.65 2.62 0.00	55.65 2.71 0.00	60.27 2.87 0.00	61.59 3.53 0.00	76.44 4.98 0.00	85.19 5.92 0.00	95.40 6.73 0.00	120.02 8.63 0.00	177.16 12.72 0.00	272.72 18.59 0.00	338.45 22.04 0.00	193.24 13.17 0.00	132.66 9.37 -0.70	85.29 5.19 0.00	96.61 4.73 0.00
FORT ORANGE___ 23900	48.68 -0.03 0.00	48.28 -0.01 0.00	40.27 0.26 0.00	35.10 0.33 0.00	36.81 0.33 0.00	45.71 0.20 0.00	54.56 -0.05 0.00	52.00 0.03 0.00	47.42 -0.02 0.00	48.74 -0.28 0.00	52.61 -0.34 0.00	56.96 -0.44 0.00	58.06 -0.01 0.00	71.66 0.21 0.00	79.73 0.46 0.00	89.08 0.41 0.00	111.82 0.43 0.00	165.23 0.79 0.00	255.78 1.65 0.00	318.81 2.40 0.00	182.30 2.24 0.00	127.99 1.82 -3.60	69.64 0.61 11.07	92.05 0.18 0.00
FORT_DRUM_COGEN 23780	51.22 2.50 0.00	50.27 1.99 0.00	41.44 1.43 0.00	35.92 1.14 0.00	37.66 1.17 0.00	47.16 1.65 0.00	57.20 2.23 -0.36	53.76 1.70 -0.08	48.78 1.34 0.00	50.16 1.13 0.00	54.35 1.41 0.00	58.65 1.25 0.00	59.30 1.24 0.00	72.62 1.17 0.00	80.44 1.17 0.00	89.54 0.87 0.00	112.26 0.86 0.00	167.45 3.01 0.00	262.88 8.58 -0.17	335.24 17.22 -1.61	193.07 12.39 -0.62	133.94 9.09 -2.27	85.49 5.11 -0.28	97.18 4.81 -0.49
FOX_HILLS___ESR 323835	50.81 2.09 0.00	50.48 2.20 0.00	42.25 2.24 0.00	36.86 2.08 0.00	38.65 2.17 0.00	47.60 2.09 0.00	56.55 1.93 0.00	54.19 2.22 0.00	50.13 2.69 0.00	51.46 2.43 0.00	55.23 2.28 0.00	59.61 2.21 0.00	60.89 2.82 0.00	75.60 4.14 0.00	84.34 5.07 0.00	94.58 5.91 0.00	115.17 7.27 3.50	174.70 10.27 0.01	260.02 15.02 9.13	328.82 17.29 4.88	180.62 10.72 10.17	131.18 7.93 -0.66	84.64 4.18 -0.35	95.32 3.45 0.00
FPL_FAR_ROCK_GT1 24212	51.68 2.97 0.00	51.12 2.83 0.00	42.49 2.48 0.00	37.07 2.30 0.00	38.90 2.42 0.00	48.03 2.52 0.00	56.98 2.36 0.00	54.49 2.52 0.00	49.23 2.74 0.95	51.03 2.76 0.76	55.93 2.97 -0.01	60.19 2.91 0.13	61.55 3.56 0.07	76.65 5.20 0.00	85.71 6.44 0.00	96.46 7.62 -0.16	120.36 8.72 -0.25	178.84 12.60 -1.80	272.15 18.01 0.00	338.99 20.77 -1.81	205.14 12.32 -12.76	221.80 9.61 -89.61	115.92 5.10 -30.72	96.45 4.56 0.00
FPL_FAR_ROCK_GT2 23815	51.68 2.97 0.00	51.12 2.83 0.00	42.49 2.48 0.00	37.07 2.30 0.00	38.90 2.42 0.00	48.03 2.52 0.00	56.98 2.36 0.00	54.49 2.52 0.00	49.23 2.74 0.95	51.03 2.76 0.76	55.93 2.97 -0.01	60.19 2.91 0.13	61.55 3.56 0.07	76.65 5.20 0.00	85.71 6.44 0.00	96.46 7.62 -0.16	120.36 8.72 -0.25	178.84 12.60 -1.80	272.15 18.01 0.00	338.99 20.77 -1.81	205.14 12.32 -12.76	221.80 9.61 -89.61	115.92 5.10 -30.72	96.45 4.56 0.00
FRANKLIN_FALL_HYD 24054	49.15 0.44 0.00	48.58 0.29 0.00	39.99 -0.02 0.00	34.60 -0.18 0.00	36.20 -0.28 0.00	45.37 -0.13 0.00	54.76 0.14 0.00	52.13 0.15 0.00	47.38 -0.05 0.00	48.89 -0.14 0.00	53.01 0.07 0.00	57.34 -0.06 0.00	57.30 -0.77 0.00	70.20 -1.26 0.00	77.86 -1.41 0.00	87.39 -1.29 0.00	110.12 -1.27 0.00	162.86 -1.58 0.00	252.74 -1.40 0.00	316.02 -0.39 0.00	178.96 -1.10 0.00	121.67 -0.91 0.00	79.97 -0.13 0.00	92.68 0.80 0.00

FREEPORT_EQUS_GT1 23764	50.90 2.19 0.00	50.43 2.15 0.00	41.98 1.98 0.00	36.63 1.85 0.00	38.44 1.96 0.00	47.44 1.94 0.00	56.18 1.56 0.00	53.71 1.73 0.00	34.03 1.99 15.40	36.04 2.11 15.10	54.85 2.30 0.40	58.39 1.86 0.87	60.29 2.70 0.48	75.38 3.94 0.00	84.09 4.81 0.00	94.59 5.91 0.00	118.88 7.47 -0.01	175.48 10.72 -0.32	269.17 15.04 0.00	244.19 17.02 89.23	150.05 10.26 40.28	137.20 8.46 -6.15	86.36 4.17 -2.09	95.44 3.57 0.00
FREEPORT___CT2 23818	50.90 2.19 0.00	50.43 2.15 0.00	41.98 1.98 0.00	36.63 1.85 0.00	38.44 1.96 0.00	47.44 1.94 0.00	56.18 1.56 0.00	53.71 1.73 0.00	34.03 1.99 15.40	36.04 2.11 15.10	54.85 2.30 0.40	58.39 1.86 0.87	60.29 2.70 0.48	75.38 3.94 0.00	84.09 4.81 0.00	94.59 5.91 0.00	118.88 7.47 -0.01	175.48 10.72 -0.32	269.17 15.04 0.00	244.19 17.02 89.23	150.05 10.26 40.28	137.20 8.46 -6.15	86.36 4.17 -2.09	95.44 3.57 0.00
FRESHKLS_33_KV_LOAD 356253	50.77 2.06 0.00	50.51 2.23 0.00	42.31 2.30 0.00	36.92 2.15 0.00	38.72 2.24 0.00	47.64 2.14 0.00	56.54 1.93 0.00	54.17 2.20 0.00	50.13 2.69 0.00	51.37 2.34 0.00	55.13 2.19 0.00	59.55 2.15 0.00	60.82 2.76 0.00	75.50 4.05 0.00	84.26 4.99 0.00	94.54 5.87 0.00	115.14 7.24 3.50	174.62 10.22 0.04	259.97 14.97 9.13	328.96 17.43 4.88	180.81 10.91 10.17	131.38 8.14 -0.66	84.77 4.32 -0.35	95.40 3.52 0.00
FULTON COGEN____ 23766	48.11 -0.60 0.00	47.60 -0.68 0.00	39.35 -0.66 0.00	34.25 -0.52 0.00	35.94 -0.54 0.00	44.78 -0.72 0.00	54.64 -0.89 -0.92	51.31 -0.87 -0.21	46.72 -0.72 0.00	48.42 -0.61 0.00	52.35 -0.60 0.00	56.95 -0.45 0.00	57.95 -0.12 0.00	71.58 0.12 0.00	79.44 0.16 0.00	88.61 -0.06 0.00	111.15 -0.24 0.00	164.09 -0.35 0.00	254.44 -0.10 -0.41	320.96 0.62 -3.94	182.47 0.91 -1.50	128.37 0.25 -5.53	80.54 -0.24 -0.68	92.09 -0.99 -1.20
FULTON___LFGE 323630	52.24 3.53 0.00	51.64 3.36 0.00	42.76 2.75 0.00	37.13 2.35 0.00	38.95 2.47 0.00	48.54 3.04 0.00	58.28 3.66 0.00	54.95 2.98 0.00	49.41 1.97 0.00	50.46 1.42 0.00	54.26 1.31 0.00	58.81 1.41 0.00	59.77 1.71 0.00	73.46 2.01 0.00	81.60 2.33 0.00	91.40 2.73 0.00	114.85 3.45 0.00	171.11 6.66 0.00	268.64 14.50 0.00	341.16 24.75 0.00	196.08 16.01 0.00	140.05 10.66 -6.80	88.45 6.52 -1.84	98.68 6.79 0.00
G.F.CEMENT___DRP 24184	52.16 3.45 0.00	51.55 3.27 0.00	42.78 2.77 0.00	37.38 2.61 0.00	39.26 2.78 0.00	48.78 3.28 0.00	58.38 3.77 0.00	55.40 3.42 0.00	50.61 3.17 0.00	52.03 3.00 0.00	55.53 2.59 0.00	59.99 2.59 0.00	61.57 3.51 0.00	76.23 4.78 0.00	84.77 5.50 0.00	95.46 6.79 0.00	119.51 8.11 0.00	177.73 13.29 0.00	276.75 22.61 0.00	345.39 28.98 0.00	198.01 17.95 0.00	141.43 11.96 -6.89	89.93 6.42 -3.41	98.70 6.82 0.00
GARDENVILLE___LBMP 24039	49.98 1.27 0.00	49.30 1.01 0.00	39.72 -0.29 0.00	34.81 0.04 0.00	36.49 0.01 0.00	45.31 -0.20 0.00	54.36 -0.26 0.00	51.39 -0.58 0.00	47.32 -0.11 0.00	50.06 1.03 0.00	54.46 1.51 0.00	59.78 2.38 0.00	60.86 2.79 0.00	76.24 4.79 0.00	84.43 5.15 0.00	93.14 4.47 0.00	115.94 4.55 0.00	171.14 6.70 0.00	263.23 9.10 0.00	329.45 13.04 0.00	189.30 9.24 0.00	127.10 4.52 0.00	82.66 2.56 0.00	93.69 1.81 0.00
GARDNVLA_35_KV_LD 355827	50.21 1.50 0.00	49.51 1.23 0.00	39.91 -0.11 0.00	34.97 0.19 0.00	36.64 0.16 0.00	45.49 -0.02 0.00	54.59 -0.03 0.00	51.62 -0.35 0.00	47.56 0.12 0.00	50.34 1.31 0.00	54.76 1.82 0.00	60.18 2.78 0.00	61.35 3.28 0.00	76.87 5.42 0.00	85.18 5.91 0.00	93.95 5.28 0.00	117.02 5.63 0.00	172.83 8.38 0.00	265.82 11.69 0.00	332.37 15.96 0.00	190.92 10.85 0.00	128.12 5.54 0.00	83.21 3.12 0.00	94.27 2.40 0.00
GELCKHM___115KV_LOAD 80723	48.45 -0.27 0.00	47.94 -0.35 0.00	39.62 -0.39 0.00	34.50 -0.28 0.00	36.20 -0.29 0.00	45.05 -0.45 0.00	54.32 -0.56 -0.26	51.47 -0.57 -0.06	46.99 -0.45 0.00	48.76 -0.27 0.00	52.65 -0.30 0.00	57.36 -0.04 0.00	58.35 0.29 0.00	72.13 0.67 0.00	80.07 0.80 0.00	89.29 0.62 0.00	112.01 0.62 0.00	165.20 0.76 0.00	255.80 1.52 -0.15	320.64 2.81 -1.42	182.68 2.07 -0.54	125.60 1.02 -2.00	80.61 0.27 -0.24	91.90 -0.42 -0.43
GENERAL___MILLS 23808	50.09 1.38 0.00	49.41 1.13 0.00	39.81 -0.20 0.00	34.89 0.11 0.00	36.56 0.08 0.00	45.40 -0.10 0.00	54.48 -0.13 0.00	51.51 -0.46 0.00	47.44 0.00 0.00	50.20 1.17 0.00	54.60 1.66 0.00	59.97 2.57 0.00	61.09 3.02 0.00	76.54 5.09 0.00	84.80 5.52 0.00	93.53 4.86 0.00	116.47 5.08 0.00	171.97 7.53 0.00	264.53 10.40 0.00	330.92 14.51 0.00	190.10 10.04 0.00	127.62 5.04 0.00	82.91 2.82 0.00	93.97 2.09 0.00
GE_PLASTICS___DRP 24183	48.53 -0.18 0.00	48.17 -0.12 0.00	40.18 0.17 0.00	35.03 0.25 0.00	36.74 0.25 0.00	45.59 0.09 0.00	54.46 -0.15 0.00	51.89 -0.09 0.00	47.32 -0.11 0.00	48.76 -0.27 0.00	52.64 -0.31 0.00	57.00 -0.40 0.00	58.11 0.04 0.00	71.70 0.25 0.00	79.68 0.40 0.00	88.94 0.27 0.00	111.63 0.24 0.00	164.90 0.45 0.00	254.72 0.59 0.00	316.83 0.42 0.00	181.03 0.97 0.00	126.56 1.02 -2.96	73.57 0.21 6.74	91.61 -0.27 0.00
GILBOA___1 23756	49.53 0.82 0.00	49.48 1.20 0.00	41.41 1.40 0.00	36.10 1.32 0.00	37.86 1.39 0.00	46.99 1.49 0.00	56.04 1.43 0.00	53.36 1.38 0.00	48.25 0.81 0.00	49.81 0.78 0.00	53.70 0.75 0.00	58.18 0.78 0.00	59.30 1.24 0.00	73.29 1.84 0.00	81.33 2.06 0.00	90.19 1.52 0.00	113.19 1.80 0.00	167.04 2.60 0.00	257.51 3.37 0.00	320.02 3.61 0.00	182.99 2.93 0.00	125.51 2.50 -0.43	81.60 1.51 0.00	93.27 1.39 0.00
GILBOA___2 23757	49.53 0.82 0.00	49.48 1.20 0.00	41.41 1.40 0.00	36.10 1.32 0.00	37.86 1.39 0.00	46.99 1.49 0.00	56.04 1.43 0.00	53.36 1.38 0.00	48.25 0.81 0.00	49.81 0.78 0.00	53.70 0.75 0.00	58.18 0.78 0.00	59.30 1.24 0.00	73.29 1.84 0.00	81.33 2.06 0.00	90.19 1.52 0.00	113.19 1.80 0.00	167.04 2.60 0.00	257.51 3.37 0.00	320.02 3.61 0.00	182.99 2.93 0.00	125.51 2.50 -0.43	81.60 1.51 0.00	93.27 1.39 0.00
GILBOA___3 23758	49.53 0.82 0.00	49.48 1.20 0.00	41.41 1.40 0.00	36.10 1.32 0.00	37.86 1.39 0.00	46.99 1.49 0.00	56.04 1.43 0.00	53.36 1.38 0.00	48.25 0.81 0.00	49.81 0.78 0.00	53.70 0.75 0.00	58.18 0.78 0.00	59.30 1.24 0.00	73.29 1.84 0.00	81.33 2.06 0.00	90.19 1.52 0.00	113.19 1.80 0.00	167.04 2.60 0.00	257.51 3.37 0.00	320.02 3.61 0.00	182.99 2.93 0.00	125.51 2.50 -0.43	81.60 1.51 0.00	93.27 1.39 0.00
GILBOA___4 23759	49.53 0.82 0.00	49.48 1.20 0.00	41.41 1.40 0.00	36.10 1.32 0.00	37.86 1.39 0.00	46.99 1.49 0.00	56.04 1.43 0.00	53.36 1.38 0.00	48.25 0.81 0.00	49.81 0.78 0.00	53.70 0.75 0.00	58.18 0.78 0.00	59.30 1.24 0.00	73.29 1.84 0.00	81.33 2.06 0.00	90.19 1.52 0.00	113.19 1.80 0.00	167.04 2.60 0.00	257.51 3.37 0.00	320.02 3.61 0.00	182.99 2.93 0.00	125.51 2.50 -0.43	81.60 1.51 0.00	93.27 1.39 0.00

GILBOA____ 23599	49.53 0.82 0.00	49.47 1.19 0.00	41.41 1.40 0.00	36.10 1.32 0.00	37.87 1.39 0.00	46.98 1.48 0.00	56.03 1.42 0.00	53.36 1.38 0.00	48.25 0.81 0.00	49.81 0.78 0.00	53.70 0.75 0.00	58.18 0.78 0.00	59.30 1.23 0.00	73.29 1.84 0.00	81.34 2.06 0.00	90.19 1.52 0.00	113.19 1.80 0.00	167.06 2.61 0.00	257.50 3.37 0.00	320.01 3.60 0.00	182.99 2.93 0.00	125.50 2.49 -0.43	81.60 1.51 0.00	93.27 1.39 0.00
GINNA____ 23603	47.63 -1.08 0.00	47.02 -1.26 0.00	38.39 -1.62 0.00	33.50 -1.28 0.00	35.13 -1.36 0.00	43.70 -1.81 0.00	52.49 -2.13 0.00	49.90 -2.07 0.00	45.81 -1.63 0.00	48.03 -1.00 0.00	52.18 -0.77 0.00	57.23 -0.17 0.00	58.24 0.17 0.00	72.62 1.17 0.00	80.60 1.33 0.00	89.52 0.85 0.00	111.72 0.33 0.00	164.79 0.34 0.00	254.27 0.14 0.00	317.35 0.94 0.00	181.16 1.09 0.00	122.30 -0.28 0.00	79.42 -0.68 0.00	90.08 -1.80 0.00
GLEN PARK____ 23778	51.50 2.79 0.00	50.55 2.27 0.00	41.65 1.64 0.00	36.09 1.31 0.00	37.84 1.35 0.00	47.38 1.88 0.00	57.52 2.53 -0.38	53.99 1.92 -0.09	48.97 1.53 0.00	50.35 1.32 0.00	54.54 1.59 0.00	58.81 1.41 0.00	59.48 1.41 0.00	72.75 1.30 0.00	80.55 1.28 0.00	89.66 0.98 0.00	112.41 1.02 0.00	167.76 3.32 0.00	263.61 9.30 -0.18	336.63 18.52 -1.70	194.20 13.48 -0.65	135.10 10.13 -2.39	86.11 5.72 -0.29	97.78 5.39 -0.52
GLENDALE_27_KV_LOAD 356172	51.07 2.36 0.00	50.70 2.42 0.00	42.38 2.38 0.00	36.97 2.19 0.00	38.78 2.30 0.00	47.86 2.35 0.00	56.93 2.31 0.00	54.49 2.52 0.00	50.42 2.98 0.00	51.99 2.96 0.00	55.77 2.82 0.00	60.20 2.80 0.00	61.52 3.45 0.00	76.39 4.93 0.00	85.20 5.93 0.00	95.46 6.79 0.00	119.79 8.40 0.01	176.32 11.88 0.01	254.27 16.85 16.71	317.37 19.51 18.54	152.33 11.84 39.58	103.05 8.64 28.16	69.27 4.59 15.42	83.11 3.91 12.69
GLENWOOD_IC_1_G5 23712	50.96 2.25 0.00	50.49 2.20 0.00	42.07 2.06 0.00	36.72 1.94 0.00	38.52 2.04 0.00	47.56 2.05 0.00	56.52 1.91 0.00	54.03 2.06 0.00	41.50 2.05 7.98	43.39 2.18 7.82	55.41 2.66 0.20	59.51 2.57 0.45	61.21 3.39 0.25	75.94 4.49 0.00	84.64 5.37 0.00	94.98 6.30 -0.01	119.26 7.85 -0.02	175.76 11.18 -0.14	270.00 15.87 0.00	288.44 18.12 46.09	167.90 10.91 23.06	132.26 8.28 -1.40	85.12 4.50 -0.52	95.20 3.32 0.00
GLENWOOD_IC_2_G1 23688	50.81 2.10 0.00	50.33 2.05 0.00	41.96 1.95 0.00	36.62 1.84 0.00	38.41 1.93 0.00	47.45 1.94 0.00	56.42 1.80 0.00	53.95 1.98 0.00	49.63 2.24 0.04	51.30 2.30 0.04	55.35 2.40 0.00	59.75 2.36 0.00	61.12 3.06 0.00	75.86 4.41 0.00	84.62 5.34 0.00	94.89 6.21 0.00	119.10 7.70 0.00	175.43 10.98 0.00	269.72 15.59 0.00	334.25 17.84 0.00	191.02 10.96 0.00	131.44 8.19 -0.67	84.65 4.20 -0.35	95.40 3.52 0.00
GLENWOOD_IC_3_G1 23689	50.81 2.10 0.00	50.33 2.05 0.00	41.96 1.95 0.00	36.62 1.84 0.00	38.41 1.93 0.00	47.45 1.94 0.00	56.42 1.80 0.00	53.95 1.98 0.00	49.63 2.24 0.04	51.30 2.30 0.04	55.35 2.40 0.00	59.75 2.36 0.00	61.12 3.06 0.00	75.86 4.41 0.00	84.62 5.34 0.00	94.89 6.21 0.00	119.10 7.70 0.00	175.43 10.98 0.00	269.72 15.59 0.00	334.25 17.84 0.00	191.02 10.96 0.00	131.44 8.19 -0.67	84.65 4.20 -0.35	95.40 3.52 0.00
GLENWOOD____4 23550	50.96 2.25 0.00	50.49 2.20 0.00	42.07 2.06 0.00	36.72 1.94 0.00	38.52 2.04 0.00	47.56 2.05 0.00	56.52 1.91 0.00	54.04 2.07 0.00	41.63 2.17 7.98	43.51 2.30 7.82	55.41 2.66 0.20	59.51 2.57 0.45	61.21 3.39 0.25	76.08 4.64 0.00	84.84 5.57 0.00	95.21 6.53 -0.01	119.52 8.11 -0.02	176.18 11.60 -0.14	270.65 16.52 0.00	289.21 18.90 46.09	168.34 11.34 23.06	132.54 8.56 -1.40	85.14 4.52 -0.52	95.41 3.54 0.00
GLENWOOD____5 23614	50.96 2.25 0.00	50.49 2.20 0.00	42.07 2.06 0.00	36.72 1.94 0.00	38.52 2.04 0.00	47.56 2.05 0.00	56.52 1.91 0.00	54.04 2.07 0.00	41.63 2.17 7.98	43.51 2.30 7.82	55.41 2.66 0.20	59.51 2.57 0.45	61.21 3.39 0.25	76.08 4.64 0.00	84.84 5.57 0.00	95.21 6.53 -0.01	119.52 8.11 -0.02	176.18 11.60 -0.14	270.65 16.52 0.00	289.21 18.90 46.09	168.34 11.34 23.06	132.54 8.56 -1.40	85.14 4.52 -0.52	95.41 3.54 0.00
GLOBAL GREEN_PORT_GT1 23814	51.70 2.98 0.00	50.96 2.68 0.00	42.29 2.29 0.00	36.92 2.14 0.00	38.84 2.36 0.00	48.14 2.63 0.00	57.11 2.49 0.00	54.72 2.74 0.00	28.43 3.11 22.12	31.12 3.83 21.74	56.87 4.50 0.58	60.29 4.13 1.23	62.67 5.29 0.69	78.88 7.43 0.00	87.92 8.65 0.00	97.53 8.87 0.01	128.51 11.28 -5.83	179.54 16.65 1.55	273.52 21.57 2.18	198.22 21.26 139.45	112.57 14.35 81.85	94.79 13.14 40.93	72.66 6.67 14.11	98.38 6.50 0.00
GLOBE____DSASP 323697	48.40 -0.31 0.00	47.84 -0.44 0.00	38.49 -1.53 0.00	33.76 -1.02 0.00	35.39 -1.09 0.00	43.93 -1.58 0.00	52.40 -2.22 0.00	49.41 -2.57 0.00	45.57 -1.87 0.00	48.27 -0.76 0.00	52.58 -0.37 0.00	57.75 0.35 0.00	58.73 0.66 0.00	73.64 2.19 0.00	81.42 2.14 0.00	89.72 1.05 0.00	111.30 -0.09 0.00	164.25 -0.19 0.00	252.26 -1.87 0.00	314.69 -1.72 0.00	180.78 0.72 0.00	121.63 -0.95 0.00	79.60 -0.50 0.00	90.52 -1.36 0.00
GOETHSLN____LBMP 323567	50.62 1.91 0.00	50.17 1.89 0.00	41.96 1.95 0.00	36.61 1.83 0.00	38.41 1.93 0.00	47.39 1.89 0.00	56.40 1.79 0.00	53.99 2.01 0.00	49.83 2.40 0.00	51.42 2.39 0.00	55.15 2.20 0.00	59.57 2.17 0.00	60.87 2.80 0.00	75.56 4.11 0.00	84.32 5.04 0.00	94.48 5.81 0.00	115.03 7.14 3.51	174.43 10.04 0.05	259.04 14.04 9.13	327.46 15.93 4.87	179.75 9.84 10.16	130.59 7.34 -0.67	84.28 3.84 -0.35	94.95 3.07 0.00
GOLAH____69_KV_TB 1_2 80279	50.29 1.58 0.00	49.59 1.31 0.00	40.28 0.27 0.00	35.21 0.43 0.00	36.91 0.42 0.00	45.91 0.41 0.00	55.12 0.51 0.00	52.32 0.34 0.00	48.01 0.57 0.00	50.40 1.37 0.00	54.75 1.81 0.00	60.08 2.68 0.00	61.00 2.93 0.00	76.19 4.74 0.00	84.47 5.20 0.00	93.71 5.04 0.00	116.72 5.33 0.00	172.29 7.84 0.00	266.19 12.06 0.00	333.12 16.72 0.00	190.82 10.76 0.00	128.67 6.09 0.00	83.66 3.57 0.00	95.06 3.18 0.00
GOODYEAR_LAKE_HYD 323669	50.83 2.12 0.00	50.43 2.15 0.00	41.85 1.84 0.00	36.41 1.63 0.00	38.19 1.71 0.00	47.48 1.98 0.00	57.00 2.39 0.00	54.25 2.27 0.00	49.38 1.94 0.00	51.16 2.13 0.00	55.22 2.27 0.00	59.99 2.59 0.00	61.01 2.94 0.00	75.26 3.81 0.00	83.57 4.30 0.00	93.08 4.40 0.00	116.92 5.52 0.00	172.66 8.21 0.00	266.95 12.81 0.00	333.60 17.19 0.00	190.36 10.29 0.00	131.47 6.79 -2.11	84.59 3.98 -0.51	95.74 3.86 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	49.51 0.80 0.00	49.08 0.80 0.00	40.53 0.52 0.00	35.35 0.57 0.00	37.10 0.62 0.00	46.07 0.57 0.00	55.49 0.87 0.00	52.41 0.43 0.00	47.91 0.47 0.00	49.83 0.80 0.00	53.63 0.69 0.00	58.44 1.05 0.00	59.79 1.72 0.00	73.86 2.40 0.00	82.00 2.73 0.00	91.05 2.37 0.00	114.20 2.81 0.00	168.26 3.81 0.00	259.87 5.65 -0.09	326.41 9.14 -0.86	186.67 6.28 -0.33	127.92 3.85 -1.50	82.05 1.81 -0.15	93.38 1.24 -0.26

GOUDEY___7 23579	49.51 0.80 0.00	49.08 0.80 0.00	40.53 0.52 0.00	35.35 0.57 0.00	37.10 0.62 0.00	46.07 0.57 0.00	55.49 0.87 0.00	52.41 0.43 0.00	47.91 0.47 0.00	49.83 0.80 0.00	53.63 0.69 0.00	58.44 1.05 0.00	59.79 1.72 0.00	73.86 2.40 0.00	82.00 2.73 0.00	91.05 2.37 0.00	114.20 2.81 0.00	168.26 3.81 0.00	259.87 5.65 -0.09	326.41 9.14 -0.86	186.67 6.28 -0.33	127.92 3.85 -1.50	82.05 1.81 -0.15	93.38 1.24 -0.26
GOUDEY___8 23580	49.51 0.80 0.00	49.08 0.80 0.00	40.53 0.52 0.00	35.35 0.57 0.00	37.10 0.62 0.00	46.07 0.57 0.00	55.49 0.87 0.00	52.41 0.43 0.00	47.91 0.47 0.00	49.83 0.80 0.00	53.63 0.69 0.00	58.44 1.05 0.00	59.79 1.72 0.00	73.86 2.40 0.00	82.00 2.73 0.00	91.05 2.37 0.00	114.20 2.81 0.00	168.26 3.81 0.00	259.87 5.65 -0.09	326.41 9.14 -0.86	186.67 6.28 -0.33	127.92 3.85 -1.50	82.05 1.81 -0.15	93.38 1.24 -0.26
GOWANUS_GT1_1 24077	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GOWANUS_GT1_2 24078	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GOWANUS_GT1_3 24079	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GOWANUS_GT1_4 24080	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GOWANUS_GT1_5 24084	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GOWANUS_GT1_6 24111	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GOWANUS_GT1_7 24112	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GOWANUS_GT1_8 24113	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GOWANUS_GT2_1 24114	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
GOWANUS_GT2_2 24115	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
GOWANUS_GT2_3 24116	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
GOWANUS_GT2_4 24117	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
GOWANUS_GT2_5 24118	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00

GOWANUS_GT2_6 24119	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
GOWANUS_GT2_7 24120	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
GOWANUS_GT2_8 24121	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
GOWANUS_GT3_1 24122	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
GOWANUS_GT3_2 24123	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
GOWANUS_GT3_3 24124	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
GOWANUS_GT3_4 24125	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
GOWANUS_GT3_5 24126	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 																		

GOWANUS_GT4_5 24134	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GOWANUS_GT4_6 24135	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GOWANUS_GT4_7 24136	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GOWANUS_GT4_8 24137	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GREATVR_69_KV_BK1 356245	51.30 2.59 0.00	50.87 2.59 0.00	42.33 2.32 0.00	36.89 2.11 0.00	38.71 2.23 0.00	47.69 2.19 0.00	56.43 1.81 0.00	53.91 1.94 0.00	28.28 2.25 21.40	30.40 2.40 21.03	55.19 2.81 0.56	58.69 2.49 1.20	60.85 3.45 0.67	76.39 4.95 0.00	85.30 6.02 0.00	96.28 7.62 0.01	125.41 9.90 -4.12	176.78 14.19 1.86	270.75 19.64 3.02	203.60 22.45 135.26	114.96 14.19 79.29	95.12 10.62 38.08	72.13 5.15 13.13	96.57 4.69 0.00
GREENBSH_115KV_TB3 55895	48.65 -0.06 0.00	48.25 -0.04 0.00	40.26 0.25 0.00	35.11 0.33 0.00	36.82 0.34 0.00	45.69 0.19 0.00	54.56 -0.06 0.00	51.99 0.02 0.00	47.46 0.02 0.00	48.87 -0.16 0.00	52.78 -0.17 0.00	57.14 -0.26 0.00	58.30 0.23 0.00	71.91 0.46 0.00	79.92 0.65 0.00	89.29 0.61 0.00	112.02 0.63 0.00	165.51 1.07 0.00	255.77 1.64 0.00	318.08 1.67 0.00	181.80 1.73 0.00	127.84 1.53 -3.73	68.79 0.46 11.77	91.88 0.00 0.00
GREENDGE_115KV_TB5 80291	50.23 1.52 0.00	49.77 1.48 0.00	40.76 0.75 0.00	35.55 0.77 0.00	37.31 0.83 0.00	46.39 0.89 0.00	55.65 1.03 0.00	52.52 0.55 0.00	48.29 0.85 0.00	50.27 1.24 0.00	53.69 0.74 0.00	58.75 1.35 0.00	60.08 2.02 0.00	74.52 3.07 0.00	82.53 3.25 0.00	91.30 2.63 0.00	113.56 2.16 0.00	167.34 2.90 0.00	259.80 5.59 -0.08	328.34 11.20 -0.73	187.99 7.65 -0.28	127.76 3.99 -1.19	82.66 2.44 -0.12	94.09 1.99 -0.22
GREENIDGE___3 23582	50.23 1.52 0.00	49.77 1.48 0.00	40.76 0.75 0.00	35.55 0.77 0.00	37.31 0.83 0.00	46.39 0.89 0.00	55.65 1.03 0.00	52.52 0.55 0.00	48.29 0.85 0.00	50.27 1.24 0.00	53.69 0.74 0.00	58.75 1.35 0.00	60.08 2.02 0.00	74.52 3.07 0.00	82.53 3.25 0.00	91.30 2.63 0.00	113.56 2.16 0.00	167.34 2.90 0.00	259.80 5.59 -0.08	328.34 11.20 -0.73	187.99 7.65 -0.28	127.76 3.99 -1.19	82.66 2.44 -0.12	94.09 1.99 -0.22
GREENIDGE___4 23583	50.21 1.50 0.00	49.76 1.48 0.00	40.76 0.75 0.00	35.55 0.78 0.00	37.31 0.83 0.00	46.37 0.87 0.00	55.67 1.06 0.00	52.53 0.55 0.00	48.29 0.85 0.00	50.27 1.24 0.00	53.69 0.74 0.00	58.74 1.35 0.00	60.09 2.03 0.00	74.52 3.07 0.00	82.53 3.26 0.00	91.31 2.63 0.00	113.56 2.17 0.00	167.37 2.92 0.00	259.82 5.61 -0.08	328.28 11.14 -0.73	187.97 7.63 -0.28	127.77 4.00 -1.19	82.66 2.43 -0.12	94.08 1.98 -0.22
GREENLWN_69_KV_BK 3 55738	50.19 1.48 0.00	49.92 1.64 0.00	41.57 1.56 0.00	36.27 1.49 0.00	38.02 1.54 0.00	46.87 1.37 0.00	55.32 0.71 0.00	52.66 0.69 0.00	26.87 1.02 21.59	28.89 1.08 21.22	53.55 1.17 0.57	56.08 -0.13 1.19	58.92 1.52 0.67	74.07 2.62 0.00	82.73 3.45 0.00	93.03 4.37 0.01	110.34 5.27 6.33	165.81 7.47 6.10	251.60 9.81 12.34	183.44 10.92 143.88	100.61 6.44 85.89	89.24 5.81 39.15	68.95 2.35 13.49	93.52 1.64 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00
GRISSOM___SOLAR 323813	52.07 3.36 0.00	51.49 3.20 0.00	42.68 2.67 0.00	37.06 2.29 0.00	38.90 2.42 0.00	48.45 2.95 0.00	58.10 3.48 0.00	54.64 2.67 0.00	49.04 1.60 0.00	50.01 0.98 0.00	53.73 0.78 0.00	58.20 0.81 0.00	59.18 1.11 0.00	72.80 1.35 0.00	80.87 1.59 0.00	90.61 1.94 0.00	113.92 2.52 0.00	169.92 5.47 0.00	267.24 13.11 0.00	339.80 23.39 0.00	195.48 15.41 0.00	139.85 10.36 -6.91	88.24 6.28 -1.87	98.38 6.50 0.00
GROVEVILLE___HYD 323602	51.11 2.40 0.00	50.57 2.29 0.00	42.13 2.13 0.00	36.75 1.98 0.00	38.55 2.07 0.00	47.71 2.20 0.00	56.95 2.34 0.00	54.42 2.45 0.00	50.02 2.58 0.00	51.65 2.62 0.00	55.65 2.71 0.00	60.27 2.87 0.00	61.59 3.53 0.00	76.44 4.98 0.00	85.19 5.92 0.00	95.40 6.73 0.00	120.02 8.63 0.00	177.16 12.72 0.00	272.72 18.59 0.00	338.45 22.04 0.00	193.24 13.17 0.00	132.66 9.37 -0.70	85.29 5.19 0.00	96.61 4.73 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.63 -0.08 0.00	48.12 -0.17 0.00	39.77 -0.24 0.00	34.64 -0.13 0.00	36.34 -0.14 0.00	45.22 -0.28 0.00	54.67 -0.31 -0.37	51.69 -0.37 -0.08	47.20 -0.24 0.00	48.97 -0.05 0.00	52.88 -0.06 0.00	57.59 0.19 0.00	58.61 0.55 0.00	72.42 0.97 0.00	80.41 1.14 0.00	89.68 1.01 0.00	112.55 1.15 0.00	165.92 1.48 0.00	257.23 2.87 -0.22	323.31 4.74 -2.16	184.13 3.24 -0.83	127.36 1.74 -3.04	81.12 0.65 -0.37	92.54 0.00 -0.66
HAMLTNNY_34_KV_TB 80303	49.39 0.68 0.00	48.84 0.56 0.00	40.23 0.22 0.00	35.02 0.25 0.00	36.73 0.25 0.00	45.68 0.17 0.00	55.23 0.27 -0.34	52.15 0.10 -0.08	47.60 0.16 0.00	49.48 0.45 0.00	53.48 0.53 0.00	58.46 1.06 0.00	59.49 1.42 0.00	73.64 2.19 0.00	81.80 2.52 0.00	91.06 2.39 0.00	114.08 2.68 0.00	168.29 3.85 0.00	260.71 6.36 -0.21	328.15 9.67 -2.07	187.12 6.27 -0.79	129.16 3.67 -2.91	82.28 1.83 -0.36	93.77 1.25 -0.63

HAMPSHIRE___PAPER_HYD 323593	49.93 1.22 0.00	49.17 0.89 0.00	40.57 0.56 0.00	35.12 0.34 0.00	36.68 0.20 0.00	46.00 0.49 0.00	55.67 0.92 -0.14	52.46 0.45 -0.03	47.49 0.05 0.00	48.85 -0.18 0.00	52.86 -0.09 0.00	57.06 -0.33 0.00	57.38 -0.69 0.00	70.21 -1.24 0.00	77.80 -1.48 0.00	86.73 -1.94 0.00	108.98 -2.41 0.00	161.74 -2.70 0.00	252.64 -1.56 -0.07	318.50 1.41 -0.67	182.10 1.78 -0.26	125.06 1.54 -0.94	81.30 1.09 -0.11	93.89 1.81 -0.20
HARDSCRABBLE_WT_PWR 323673	49.82 1.11 0.00	49.36 1.08 0.00	41.10 1.09 0.00	35.86 1.09 0.00	37.62 1.14 0.00	46.79 1.29 0.00	55.80 1.18 0.00	52.81 0.84 0.00	47.74 0.31 0.00	48.83 -0.20 0.00	52.43 -0.52 0.00	56.79 -0.60 0.00	58.05 -0.02 0.00	71.98 0.53 0.00	80.26 0.98 0.00	89.54 0.87 0.00	112.61 1.21 0.00	167.22 2.77 0.00	260.83 6.70 0.00	327.66 11.25 0.00	188.21 8.14 0.00	128.40 5.82 0.00	83.17 3.07 0.00	94.29 2.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.84 2.13 0.00	50.26 1.97 0.00	41.85 1.84 0.00	36.52 1.74 0.00	38.30 1.82 0.00	47.36 1.85 0.00	56.55 1.93 0.00	54.08 2.11 0.00	49.76 2.32 0.00	51.45 2.42 0.00	55.37 2.42 0.00	59.98 2.59 0.00	61.32 3.25 0.00	76.12 4.67 0.00	84.93 5.66 0.00	95.08 6.40 0.00	119.47 8.07 0.00	176.19 11.74 0.00	271.05 16.92 0.00	336.31 19.90 0.00	192.08 12.02 0.00	131.79 8.58 -0.63	84.62 4.52 0.00	95.78 3.90 0.00
HARSNRAD_115KV_TB1 81005	48.98 0.27 0.00	48.33 0.04 0.00	38.79 -1.22 0.00	33.98 -0.80 0.00	35.63 -0.85 0.00	44.26 -1.25 0.00	53.07 -1.55 0.00	50.11 -1.86 0.00	46.18 -1.26 0.00	48.87 -0.16 0.00	53.22 0.27 0.00	58.45 1.06 0.00	59.42 1.35 0.00	74.52 3.07 0.00	82.36 3.09 0.00	90.83 2.16 0.00	112.84 1.44 0.00	166.59 2.14 0.00	256.30 2.17 0.00	320.39 3.98 0.00	184.21 4.15 0.00	123.78 1.20 0.00	80.90 0.80 0.00	91.97 0.09 0.00
HARZA MOOSE___RIVER 24016	50.60 1.90 0.00	49.77 1.49 0.00	41.16 1.15 0.00	35.74 0.97 0.00	37.49 1.01 0.00	46.83 1.33 0.00	56.38 1.67 -0.09	53.41 1.41 -0.02	48.61 1.17 0.00	50.18 1.15 0.00	54.18 1.23 0.00	58.60 1.20 0.00	59.29 1.23 0.00	72.91 1.46 0.00	80.84 1.57 0.00	90.16 1.49 0.00	113.27 1.88 0.00	168.25 3.81 0.00	262.64 8.45 -0.06	330.84 13.85 -0.58	189.41 9.13 -0.22	129.81 6.41 -0.82	83.73 3.54 -0.10	95.54 3.48 -0.18
HDSNBRDG_115KV_BRDG_TB1 355580	48.52 -0.19 0.00	48.02 -0.26 0.00	39.68 -0.33 0.00	34.55 -0.22 0.00	36.25 -0.23 0.00	45.12 -0.39 0.00	54.15 -0.46 0.00	51.48 -0.49 0.00	47.10 -0.34 0.00	48.89 -0.14 0.00	52.84 -0.11 0.00	57.51 0.11 0.00	58.55 0.48 0.00	72.39 0.94 0.00	80.37 1.10 0.00	89.59 0.92 0.00	112.36 0.97 0.00	165.80 1.36 0.00	256.52 2.26 -0.12	321.18 3.59 -1.19	183.07 2.55 -0.45	125.56 1.31 -1.67	80.75 0.44 -0.20	91.99 -0.26 -0.36
HELLGATE_13_KV_LD 55870	51.22 2.51 0.00	50.84 2.56 0.00	42.50 2.49 0.00	37.07 2.29 0.00	38.88 2.40 0.00	47.98 2.47 0.00	57.10 2.48 0.00	54.67 2.70 0.00	50.57 3.14 0.00	52.13 3.10 0.00	55.93 2.98 0.00	60.40 3.01 0.00	61.68 3.61 0.00	76.59 5.14 0.00	85.41 6.14 0.00	95.69 7.02 0.00	120.06 8.66 0.00	176.72 12.28 0.00	260.23 17.49 11.39	323.78 20.26 12.89	164.79 12.27 27.54	111.72 8.88 19.75	74.05 4.77 10.82	87.02 4.13 8.98
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.22 2.51 0.00	50.84 2.56 0.00	42.50 2.49 0.00	37.07 2.29 0.00	38.88 2.40 0.00	47.98 2.47 0.00	57.10 2.48 0.00	54.67 2.70 0.00	50.57 3.14 0.00	52.13 3.10 0.00	55.93 2.98 0.00	60.40 3.01 0.00	61.68 3.61 0.00	76.59 5.14 0.00	85.41 6.14 0.00	95.69 7.02 0.00	120.06 8.66 0.00	176.72 12.28 0.00	260.23 17.49 11.39	323.78 20.26 12.89	164.79 12.27 27.54	111.72 8.88 19.75	74.05 4.77 10.82	87.02 4.13 8.98
HEMPSTEAD____ 23647	50.56 1.85 0.00	50.10 1.82 0.00	41.75 1.74 0.00	36.43 1.65 0.00	38.23 1.75 0.00	47.18 1.67 0.00	55.93 1.32 0.00	53.46 1.49 0.00	36.81 1.74 12.37	38.76 1.85 12.12	54.68 2.05 0.32	58.50 1.80 0.71	60.31 2.64 0.39	75.30 3.85 0.00	84.00 4.73 0.00	94.39 5.71 -0.01	118.55 7.14 -0.02	174.72 10.13 -0.15	268.25 14.12 0.00	260.46 15.82 71.77	153.84 9.67 35.89	128.72 7.65 1.51	83.31 3.73 0.51	94.83 2.95 0.00
HICKLING___1 23621	50.17 1.46 0.00	49.66 1.38 0.00	40.69 0.68 0.00	35.54 0.76 0.00	37.30 0.82 0.00	46.32 0.82 0.00	56.03 1.41 0.00	52.51 0.53 0.00	48.05 0.62 0.00	50.19 1.16 0.00	53.87 0.92 0.00	59.04 1.65 0.00	60.69 2.62 0.00	74.96 3.51 0.00	83.26 3.99 0.00	92.08 3.40 0.00	115.24 3.84 0.00	169.56 5.12 0.00	261.95 7.74 -0.07	330.95 13.83 -0.72	189.85 9.51 -0.27	129.17 5.37 -1.22	82.63 2.41 -0.12	93.84 1.74 -0.22
HICKLING___2 23622	50.17 1.46 0.00	49.66 1.38 0.00	40.69 0.68 0.00	35.54 0.76 0.00	37.30 0.82 0.00	46.32 0.82 0.00	56.03 1.41 0.00	52.51 0.53 0.00	48.05 0.62 0.00	50.19 1.16 0.00	53.87 0.92 0.00	59.04 1.65 0.00	60.69 2.62 0.00	74.96 3.51 0.00	83.26 3.99 0.00	92.08 3.40 0.00	115.24 3.84 0.00	169.56 5.12 0.00	261.95 7.74 -0.07	330.95 13.83 -0.72	189.85 9.51 -0.27	129.17 5.37 -1.22	82.63 2.41 -0.12	93.84 1.74 -0.22
HIGH FALLS___HY 23754	51.16 2.45 0.00	50.62 2.33 0.00	42.12 2.11 0.00	36.74 1.96 0.00	38.52 2.04 0.00	47.66 2.16 0.00	56.88 2.26 0.00	54.40 2.43 0.00	50.04 2.60 0.00	51.70 2.67 0.00	55.69 2.74 0.00	60.15 2.75 0.00	61.29 3.22 0.00	76.16 4.71 0.00	85.32 6.04 0.00	95.50 6.82 0.00	120.74 9.34 0.00	178.89 14.45 0.00	275.12 20.99 0.00	340.85 24.44 0.00	194.69 14.63 0.00	133.77 10.22 -0.97	84.78 5.57 0.89	96.87 5.00 0.00
HIGH_RIVER___SOLAR 323847	50.88 2.17 0.00	50.39 2.10 0.00	41.85 1.85 0.00	36.42 1.64 0.00	38.19 1.71 0.00	47.52 2.02 0.00	56.85 2.23 0.00	53.82 1.84 0.00	48.59 1.15 0.00	49.70 0.67 0.00	53.39 0.44 0.00	57.86 0.46 0.00	58.88 0.81 0.00	72.57 1.12 0.00	80.63 1.36 0.00	90.18 1.50 0.00	113.44 2.04 0.00	168.94 4.49 0.00	264.04 9.91 0.00	332.16 15.75 0.00	190.39 10.32 0.00	136.95 7.07 -7.30	86.23 4.15 -1.98	96.07 4.19 0.00
HILLBURN___GT 23639	50.64 1.93 0.00	50.06 1.78 0.00	41.70 1.70 0.00	36.40 1.63 0.00	38.18 1.70 0.00	47.17 1.67 0.00	56.27 1.66 0.00	53.87 1.89 0.00	49.58 2.15 0.00	51.22 2.19 0.00	55.09 2.14 0.00	59.60 2.21 0.00	60.86 2.79 0.00	75.55 4.10 0.00	84.31 5.04 0.00	94.40 5.73 0.00	118.47 7.07 0.00	174.51 10.06 0.00	268.32 14.19 0.00	332.73 16.32 0.00	190.28 10.21 0.00	130.73 7.51 -0.64	83.97 3.87 0.00	95.07 3.19 0.00
HILLSIDE_115KV_TB1 80332	49.26 0.54 0.00	48.80 0.52 0.00	40.09 0.09 0.00	35.01 0.23 0.00	36.77 0.28 0.00	45.62 0.11 0.00	55.23 0.61 0.00	51.70 -0.27 0.00	47.34 -0.10 0.00	49.44 0.41 0.00	53.03 0.08 0.00	58.09 0.69 0.00	59.77 1.70 0.00	73.64 2.19 0.00	81.77 2.49 0.00	90.43 1.76 0.00	113.24 1.85 0.00	166.20 1.76 0.00	256.34 2.13 -0.08	323.77 6.62 -0.74	185.74 5.39 -0.28	126.74 2.90 -1.27	81.09 0.86 -0.13	92.18 0.07 -0.23

HISHELDN_WT_PWR 323625	49.81 1.10 0.00	49.16 0.88 0.00	39.74 -0.27 0.00	34.81 0.04 0.00	36.49 0.01 0.00	45.27 -0.24 0.00	54.40 -0.21 0.00	51.25 -0.72 0.00	46.99 -0.45 0.00	49.51 0.48 0.00	53.71 0.76 0.00	58.94 1.54 0.00	60.09 2.02 0.00	75.07 3.62 0.00	83.13 3.85 0.00	91.71 3.04 0.00	114.23 2.84 0.00	168.61 4.17 0.00	260.02 5.89 0.00	326.76 10.35 0.00	188.04 7.98 0.00	126.38 3.80 0.00	82.05 1.95 0.00	93.13 1.25 0.00
HOLTSVILLE_IC_1 23690	50.22 1.51 0.00	49.87 1.59 0.00	41.56 1.55 0.00	36.23 1.45 0.00	38.00 1.52 0.00	46.81 1.31 0.00	55.30 0.69 0.00	52.78 0.81 0.00	26.45 1.16 22.16	28.52 1.26 21.77	53.86 1.50 0.58	57.13 0.96 1.24	59.31 1.93 0.69	74.53 3.08 0.00	83.25 3.97 0.00	93.75 5.09 0.01	123.00 6.64 -4.96	172.38 9.47 1.54	264.16 12.20 2.18	189.73 12.70 139.39	107.04 8.77 81.79	88.62 7.12 41.08	69.02 3.08 14.16	94.33 2.45 0.00
HOLTSVILLE_IC_10 23699	50.54 1.83 0.00	50.15 1.87 0.00	41.77 1.77 0.00	36.40 1.62 0.00	38.20 1.72 0.00	47.05 1.55 0.00	55.60 0.99 0.00	53.08 1.11 0.00	26.93 1.47 21.98	29.05 1.62 21.60	54.31 1.94 0.58	57.62 1.44 1.23	59.86 2.48 0.68	75.22 3.77 0.00	84.05 4.78 0.00	94.74 6.08 0.01	127.79 7.93 -8.47	174.23 11.40 1.61	266.92 15.00 2.21	192.53 15.68 139.56	108.87 10.77 81.97	90.56 8.36 40.38	70.00 3.82 13.92	95.07 3.19 0.00
HOLTSVILLE_IC_2 23691	50.22 1.51 0.00	49.87 1.59 0.00	41.56 1.55 0.00	36.23 1.45 0.00	38.00 1.52 0.00	46.81 1.31 0.00	55.30 0.69 0.00	52.78 0.81 0.00	26.45 1.16 22.16	28.52 1.26 21.77	53.86 1.50 0.58	57.13 0.96 1.24	59.31 1.93 0.69	74.53 3.08 0.00	83.25 3.97 0.00	93.75 5.09 0.01	123.00 6.64 -4.96	172.38 9.47 1.54	264.16 12.20 2.18	189.73 12.70 139.39	107.04 8.77 81.79	88.62 7.12 41.08	69.02 3.08 14.16	94.33 2.45 0.00
HOLTSVILLE_IC_3 23692	50.22 1.51 0.00	49.87 1.59 0.00	41.56 1.55 0.00	36.23 1.45 0.00	38.00 1.52 0.00	46.81 1.31 0.00	55.30 0.69 0.00	52.78 0.81 0.00	26.45 1.16 22.16	28.52 1.26 21.77	53.86 1.50 0.58	57.13 0.96 1.24	59.31 1.93 0.69	74.53 3.08 0.00	83.25 3.97 0.00	93.75 5.09 0.01	123.00 6.64 -4.96	172.38 9.47 1.54	264.16 12.20 2.18	189.73 12.70 139.39	107.04 8.77 81.79	88.62 7.12 41.08	69.02 3.08 14.16	94.33 2.45 0.00
HOLTSVILLE_IC_4 23693	50.22 1.51 0.00	49.87 1.59 0.00	41.56 1.55 0.00	36.23 1.45 0.00	38.00 1.52 0.00	46.81 1.31 0.00	55.30 0.69 0.00	52.78 0.81 0.00	26.45 1.16 22.16	28.52 1.26 21.77	53.86 1.50 0.58	57.13 0.96 1.24	59.31 1.93 0.69	74.53 3.08 0.00	83.25 3.97 0.00	93.75 5.09 0.01	123.00 6.64 -4.96	172.38 9.47 1.54	264.16 12.20 2.18	189.73 12.70 139.39	107.04 8.77 81.79	88.62 7.12 41.08	69.02 3.08 14.16	94.33 2.45 0.00
HOLTSVILLE_IC_5 23694	50.22 1.51 0.00	49.87 1.59 0.00	41.56 1.55 0.00	36.23 1.45 0.00	38.00 1.52 0.00	46.81 1.31 0.00	55.30 0.69 0.00	52.78 0.81 0.00	26.45 1.16 22.16	28.52 1.26 21.77	53.86 1.50 0.58	57.13 0.96 1.24	59.31 1.93 0.69	74.53 3.08 0.00	83.25 3.97 0.00	93.75 5.09 0.01	123.00 6.64 -4.96	172.38 9.47 1.54	264.16 12.20 2.18	189.73 12.70 139.39	107.04 8.77 81.79	88.62 7.12 41.08	69.02 3.08 14.16	94.33 2.45 0.00
HOLTSVILLE_IC_6 23695	50.54 1.83 0.00	50.15 1.87 0.00	41.77 1.77 0.00	36.40 1.62 0.00	38.20 1.72 0.00	47.05 1.55 0.00	55.60 0.99 0.00	53.08 1.11 0.00	26.93 1.47 21.98	29.05 1.62 21.60	54.31 1.94 0.58	57.62 1.44 1.23	59.86 2.48 0.68	75.22 3.77 0.00	84.05 4.78 0.00	94.74 6.08 0.01	127.79 7.93 -8.47	174.23 11.40 1.61	266.92 15.00 2.21	192.53 15.68 139.56	108.87 10.77 81.97	90.56 8.36 40.38	70.00 3.82 13.92	95.07 3.19 0.00
HOLTSVILLE_IC_7 23696	50.54 1.83 0.00	50.15 1.87 0.00	41.77 1.77 0.00	36.40 1.62 0.00	38.20 1.72 0.00	47.05 1.55 0.00	55.60 0.99 0.00	53.08 1.11 0.00	26.93 1.47 21.98	29.05 1.62 21.60	54.31 1.94 0.58	57.62 1.44 1.23	59.86 2.48 0.68	75.22 3.77 0.00	84.05 4.78 0.00	94.74 6.08 0.01	127.79 7.93 -8.47	174.23 11.40 1.61	266.92 15.00 2.21	192.53 15.68 139.56	108.87 10.77 81.97	90.56 8.36 40.38	70.00 3.82 13.92	95.07 3.19 0.00
HOLTSVILLE_IC_8 23697	50.54 1.83 0.00	50.15 1.87 0.00	41.77 1.77 0.00	36.40 1.62 0.00	38.20 1.72 0.00	47.05 1.55 0.00	55.60 0.99 0.00	53.08 1.11 0.00	26.93 1.47 21.98	29.05 1.62 21.60	54.31 1.94 0.58	57.62 1.44 1.23	59.86 2.48 0.68	75.22 3.77 0.00	84.05 4.78 0.00	94.74 6.08 0.01	127.79 7.93 -8.47	174.23 11.40 1.61	266.92 15.00 2.21	192.53 15.68 139.56	108.87 10.77 81.97	90.56 8.36 40.38	70.00 3.82 13.92	95.07 3.19 0.00
HOLTSVILLE_IC_9 23698	50.54 1.83 0.00	50.15 1.87 0.00	41.77 1.77 0.00	36.40 1.62 0.00	38.20 1.72 0.00	47.05 1.55 0.00	55.60 0.99 0.00	53.08 1.11 0.00	26.93 1.47 21.98	29.05 1.62 21.60	54.31 1.94 0.58	57.62 1.44 1.23	59.86 2.48 0.68	75.22 3.77 0.00	84.05 4.78 0.00	94.74 6.08 0.01	127.79 7.93 -8.47	174.23 11.40 1.61	266.92 15.00 2.21	192.53 15.68 139.56	108.87 10.77 81.97	90.56 8.36 40.38	70.00 3.82 13.92	95.07 3.19 0.00
HOMER_HL_115KV_TB2 355744	50.25 1.54 0.00	49.24 0.95 0.00	40.02 0.01 0.00	35.24 0.47 0.00	36.96 0.47 0.00	45.84 0.33 0.00	55.08 0.46 0.00	52.29 0.32 0.00	48.05 0.61 0.00	50.72 1.69 0.00	54.70 1.75 0.00	59.56 2.16 0.00	60.41 2.34 0.00	75.66 4.21 0.00	83.69 4.42 0.00	92.13 3.46 0.00	114.96 3.57 0.00	169.24 4.80 0.00	260.33 6.20 0.00	327.02 10.61 0.00	188.70 8.64 0.00	126.68 4.10 0.00	82.38 2.28 0.00	93.14 1.26 0.00
HOWARD_WT_PWR 323690	50.90 2.19 0.00	50.25 1.97 0.00	40.93 0.92 0.00	35.81 1.04 0.00	37.58 1.10 0.00	46.69 1.19 0.00	56.27 1.65 0.00	52.78 0.81 0.00	48.14 0.70 0.00	50.28 1.25 0.00	54.12 1.17 0.00	59.32 1.92 0.00	60.64 2.57 0.00	75.35 3.90 0.00	83.47 4.20 0.00	92.21 3.53 0.00	115.17 3.78 0.00	170.18 5.73 0.00	263.75 9.56 -0.06	334.08 17.14 -0.54	192.30 12.04 -0.20	129.63 6.12 -0.93	82.97 2.78 -0.09	94.19 2.14 -0.16
HQ_GEN_CEDARS 23644	48.92 0.21 0.00	48.46 0.18 0.00	39.97 -0.04 0.00	34.59 -0.19 0.00	36.18 -0.30 0.00	45.43 -0.08 0.00	54.94 0.33 0.00	52.13 0.15 0.00	47.33 -0.10 0.00	48.71 -0.32 0.00	52.76 -0.19 0.00	57.07 -0.33 0.00	57.10 -0.96 0.00	69.72 -1.74 0.00	77.16 -2.11 0.00	86.52 -2.15 0.00	108.90 -2.49 0.00	160.89 -3.56 0.00	249.20 -4.93 0.00	310.36 -6.05 0.00	175.77 -4.29 0.00	119.59 -2.99 0.00	78.90 -1.20 0.00	91.93 0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	48.93 0.21 0.00	48.46 0.18 0.00	39.97 -0.04 0.00	34.59 -0.19 0.00	36.18 -0.30 0.00	45.43 -0.08 0.00	54.87 0.33 0.08	52.13 0.15 0.00	47.33 -0.10 0.00	48.71 -0.32 0.00	52.76 -0.18 0.00	57.07 -0.32 0.00	57.10 -0.97 0.00	69.72 -1.74 0.00	77.16 -2.11 0.00	86.53 -2.15 0.00	108.90 -2.49 0.00	160.89 -3.56 0.00	249.20 -4.93 0.00	310.36 -6.05 0.00	175.78 -4.29 0.00	119.59 -2.99 0.00	78.90 -1.20 0.00	99.87 0.05 -7.93

HQ_GEN_IMPORT 323601	48.46 -0.25 0.00	48.05 -0.24 0.00	39.70 -0.32 0.00	34.38 -0.40 0.00	36.07 -0.42 0.00	45.23 -0.28 0.00	52.52 -0.11 1.98	50.29 -0.12 1.56	48.66 -0.16 -1.38	48.83 -0.20 0.00	52.81 -0.14 0.00	57.16 -0.24 0.00	57.28 -0.79 0.00	70.02 -1.43 0.00	77.55 -1.72 0.00	87.11 -1.56 0.00	109.64 -1.75 0.00	161.93 -2.51 0.00	250.30 -3.83 0.00	311.24 -5.18 0.00	176.11 -3.95 0.00	119.83 -2.75 0.00	78.27 -1.20 0.63	93.63 -0.42 -2.18
HQ_GEN_WHEEL 23651	48.46 -0.25 0.00	48.05 -0.24 0.00	39.70 -0.32 0.00	34.38 -0.40 0.00	36.07 -0.42 0.00	45.23 -0.28 0.00	52.52 -0.11 1.98	50.29 -0.12 1.56	48.66 -0.16 -1.38	48.83 -0.20 0.00	52.81 -0.14 0.00	57.16 -0.24 0.00	57.28 -0.79 0.00	70.02 -1.43 0.00	77.55 -1.72 0.00	87.11 -1.56 0.00	109.64 -1.75 0.00	161.93 -2.51 0.00	250.30 -3.83 0.00	311.24 -5.18 0.00	176.11 -3.95 0.00	119.83 -2.75 0.00	78.27 -1.20 0.63	93.63 -0.42 -2.18
HUDSON AVE_GT_3 23810	51.03 2.32 0.00	50.55 2.27 0.00	42.22 2.21 0.00	36.85 2.07 0.00	38.66 2.18 0.00	47.72 2.22 0.00	56.86 2.24 0.00	54.40 2.43 0.00	50.23 2.79 0.00	51.85 2.82 0.00	55.68 2.73 0.00	60.15 2.75 0.00	61.47 3.40 0.00	76.33 4.88 0.00	85.17 5.89 0.00	95.42 6.74 0.00	119.75 8.36 0.00	176.30 11.86 0.00	271.04 16.91 0.00	335.86 19.45 0.00	191.89 11.82 0.00	131.84 8.59 -0.67	85.04 4.59 -0.35	95.79 3.91 0.00
HUDSON AVE_GT_4 23540	51.03 2.32 0.00	50.55 2.27 0.00	42.22 2.21 0.00	36.85 2.07 0.00	38.66 2.18 0.00	47.72 2.22 0.00	56.86 2.24 0.00	54.40 2.43 0.00	50.23 2.79 0.00	51.85 2.82 0.00	55.68 2.73 0.00	60.15 2.75 0.00	61.47 3.40 0.00	76.33 4.88 0.00	85.17 5.89 0.00	95.42 6.74 0.00	119.75 8.36 0.00	176.30 11.86 0.00	271.04 16.91 0.00	335.86 19.45 0.00	191.89 11.82 0.00	131.84 8.59 -0.67	85.04 4.59 -0.35	95.79 3.91 0.00
HUDSON AVE_GT_5 23657	51.03 2.32 0.00	50.55 2.27 0.00	42.22 2.21 0.00	36.85 2.07 0.00	38.66 2.18 0.00	47.72 2.22 0.00	56.86 2.24 0.00	54.40 2.43 0.00	50.23 2.79 0.00	51.85 2.82 0.00	55.68 2.73 0.00	60.15 2.75 0.00	61.47 3.40 0.00	76.33 4.88 0.00	85.17 5.89 0.00	95.42 6.74 0.00	119.75 8.36 0.00	176.30 11.86 0.00	271.04 16.91 0.00	335.86 19.45 0.00	191.89 11.82 0.00	131.84 8.59 -0.67	85.04 4.59 -0.35	95.79 3.91 0.00
HUDSON_AVE_10 24168	50.91 2.19 0.00	50.45 2.16 0.00	42.13 2.12 0.00	36.76 1.99 0.00	38.56 2.08 0.00	47.61 2.10 0.00	56.72 2.10 0.00	54.28 2.31 0.00	50.10 2.67 0.00	51.72 2.69 0.00	55.48 2.53 0.00	59.97 2.57 0.00	61.28 3.21 0.00	76.10 4.65 0.00	84.93 5.66 0.00	95.15 6.48 0.00	119.41 8.01 0.00	175.82 11.37 0.00	270.32 16.19 0.00	335.02 18.62 0.00	191.38 11.32 0.00	131.53 8.28 -0.67	84.87 4.42 -0.35	95.57 3.68 0.00
HUDSON___115KV_TB 4 355613	49.71 0.99 0.00	49.26 0.97 0.00	41.03 1.02 0.00	35.76 0.99 0.00	37.50 1.02 0.00	46.58 1.08 0.00	55.71 1.09 0.00	53.04 1.06 0.00	48.29 0.85 0.00	49.44 0.41 0.00	53.26 0.31 0.00	57.71 0.31 0.00	58.89 0.82 0.00	72.74 1.28 0.00	81.02 1.75 0.00	90.72 2.05 0.00	113.97 2.58 0.00	168.24 3.80 0.00	261.51 7.38 0.00	327.28 10.87 0.00	187.33 7.27 0.00	130.83 5.19 -3.05	74.58 2.67 8.19	94.17 2.29 0.00
HUNTER MOUNT___DRP 323613	49.96 1.25 0.00	49.50 1.22 0.00	41.22 1.20 0.00	35.91 1.14 0.00	37.65 1.17 0.00	46.81 1.30 0.00	56.01 1.40 0.00	53.29 1.31 0.00	48.49 1.05 0.00	49.69 0.66 0.00	53.55 0.60 0.00	58.11 0.71 0.00	59.33 1.26 0.00	73.26 1.81 0.00	81.57 2.29 0.00	91.41 2.74 0.00	114.57 3.17 0.00	169.29 4.84 0.00	263.43 9.29 0.00	329.68 13.27 0.00	188.67 8.60 0.00	131.17 5.97 -2.62	76.94 3.15 6.31	94.70 2.82 0.00
HUNTINGTON_RES_REC 323705	50.40 1.69 0.00	50.06 1.78 0.00	41.68 1.67 0.00	36.34 1.56 0.00	38.11 1.63 0.00	46.97 1.47 0.00	55.45 0.84 0.00	52.85 0.88 0.00	26.76 1.23 21.91	28.84 1.34 21.53	53.96 1.59 0.58	56.76 0.60 1.24	59.41 2.03 0.68	74.79 3.34 0.00	83.61 4.33 0.00	94.11 5.45 0.01	161.05 6.72 -42.93	172.20 9.54 1.78	265.24 12.74 1.63	179.46 13.74 150.68	99.78 8.73 89.01	89.46 7.15 40.28	69.33 3.12 13.88	94.28 2.40 0.00
HUNTLEY___63 23557	49.60 0.89 0.00	48.94 0.66 0.00	39.32 -0.69 0.00	34.45 -0.33 0.00	36.12 -0.36 0.00	44.85 -0.66 0.00	53.69 -0.92 0.00	50.74 -1.23 0.00	46.82 -0.62 0.00	49.55 0.52 0.00	54.01 1.06 0.00	59.36 1.97 0.00	60.32 2.25 0.00	75.66 4.21 0.00	83.73 4.46 0.00	92.36 3.69 0.00	114.85 3.45 0.00	169.68 5.23 0.00	260.80 6.67 0.00	325.88 9.47 0.00	187.02 6.96 0.00	125.55 2.96 0.00	81.82 1.73 0.00	92.95 1.07 0.00
HUNTLEY___64 23558	49.60 0.89 0.00	48.94 0.66 0.00	39.32 -0.69 0.00	34.45 -0.33 0.00	36.12 -0.36 0.00	44.85 -0.66 0.00	53.69 -0.92 0.00	50.74 -1.23 0.00	46.82 -0.62 0.00	49.55 0.52 0.00	54.01 1.06 0.00	59.36 1.97 0.00	60.32 2.25 0.00	75.66 4.21 0.00	83.73 4.46 0.00	92.36 3.69 0.00	114.85 3.45 0.00	169.68 5.23 0.00	260.80 6.67 0.00	325.88 9.47 0.00	187.02 6.96 0.00	125.55 2.96 0.00	81.82 1.73 0.00	92.95 1.07 0.00
HUNTLEY___65 23559	49.60 0.89 0.00	48.94 0.66 0.00	39.32 -0.69 0.00	34.45 -0.33 0.00	36.12 -0.36 0.00	44.85 -0.66 0.00	53.69 -0.92 0.00	50.74 -1.23 0.00	46.82 -0.62 0.00	49.55 0.52 0.00	54.01 1.06 0.00	59.36 1.97 0.00	60.32 2.25 0.00	75.66 4.21 0.00	83.73 4.46 0.00	92.36 3.69 0.00	114.85 3.45 0.00	169.68 5.23 0.00	260.80 6.67 0.00	325.88 9.47 0.00	187.02 6.96 0.00	125.55 2.96 0.00	81.82 1.73 0.00	92.95 1.07 0.00
HUNTLEY___66 23560	49.60 0.89 0.00	48.94 0.66 0.00	39.32 -0.69 0.00	34.45 -0.33 0.00	36.12 -0.36 0.00	44.85 -0.66 0.00	53.69 -0.92 0.00	50.74 -1.23 0.00	46.82 -0.62 0.00	49.55 0.52 0.00	54.01 1.06 0.00	59.36 1.97 0.00	60.32 2.25 0.00	75.66 4.21 0.00	83.73 4.46 0.00	92.36 3.69 0.00	114.85 3.45 0.00	169.68 5.23 0.00	260.80 6.67 0.00	325.88 9.47 0.00	187.02 6.96 0.00	125.55 2.96 0.00	81.82 1.73 0.00	92.95 1.07 0.00
HUNTLEY___67 23561	49.43 0.72 0.00	48.79 0.51 0.00	39.30 -0.71 0.00	34.46 -0.32 0.00	36.11 -0.38 0.00	44.83 -0.68 0.00	53.72 -0.89 0.00	50.79 -1.19 0.00	46.78 -0.65 0.00	49.51 0.48 0.00	53.88 0.93 0.00	59.16 1.77 0.00	60.22 2.15 0.00	75.51 4.06 0.00	83.59 4.32 0.00	92.17 3.50 0.00	114.61 3.22 0.00	169.15 4.70 0.00	260.11 5.98 0.00	325.02 8.62 0.00	186.76 6.70 0.00	125.50 2.93 0.00	81.76 1.67 0.00	92.78 0.90 0.00
HUNTLEY___68 23562	49.43 0.72 0.00	48.79 0.51 0.00	39.30 -0.71 0.00	34.46 -0.32 0.00	36.11 -0.38 0.00	44.83 -0.68 0.00	53.72 -0.89 0.00	50.79 -1.19 0.00	46.78 -0.65 0.00	49.51 0.48 0.00	53.88 0.93 0.00	59.16 1.77 0.00	60.22 2.15 0.00	75.51 4.06 0.00	83.59 4.32 0.00	92.17 3.50 0.00	114.61 3.22 0.00	169.15 4.70 0.00	260.11 5.98 0.00	325.02 8.62 0.00	186.76 6.70 0.00	125.50 2.93 0.00	81.76 1.67 0.00	92.78 0.90 0.00

HYLAND___LFGE 323620	51.51 2.80 0.00	50.71 2.42 0.00	41.21 1.20 0.00	36.01 1.24 0.00	37.77 1.29 0.00	47.05 1.55 0.00	56.76 2.14 0.00	53.44 1.47 0.00	48.28 0.85 0.00	49.72 0.69 0.00	53.69 0.74 0.00	58.85 1.46 0.00	58.06 -0.01 0.00	69.33 -2.12 0.00	76.75 -2.52 0.00	85.04 -3.63 0.00	105.88 -5.51 0.00	156.22 -8.22 0.00	243.53 -10.60 0.00	312.90 -3.51 0.00	182.16 2.10 0.00	122.95 0.37 0.00	81.20 1.11 0.00	98.43 6.55 0.00
INDECK___CORINTH 23802	51.42 2.71 0.00	50.83 2.55 0.00	42.19 2.18 0.00	36.87 2.09 0.00	38.71 2.22 0.00	48.08 2.57 0.00	57.57 2.95 0.00	54.65 2.68 0.00	49.92 2.48 0.00	51.34 2.31 0.00	54.74 1.79 0.00	59.21 1.81 0.00	60.71 2.64 0.00	75.10 3.64 0.00	83.57 4.30 0.00	94.16 5.48 0.00	117.82 6.43 0.00	175.29 10.85 0.00	273.47 19.34 0.00	341.10 24.69 0.00	195.51 15.45 0.00	139.80 10.23 -6.99	88.60 5.30 -3.20	97.46 5.58 0.00
INDECK___ILION 23567	49.43 0.72 0.00	48.99 0.71 0.00	40.72 0.71 0.00	35.49 0.71 0.00	37.23 0.75 0.00	46.32 0.82 0.00	55.37 0.76 0.00	52.54 0.57 0.00	47.72 0.29 0.00	49.05 0.03 0.00	52.80 -0.15 0.00	57.22 -0.18 0.00	58.29 0.22 0.00	72.06 0.60 0.00	80.17 0.90 0.00	89.53 0.85 0.00	112.49 1.10 0.00	166.64 2.20 0.00	258.81 4.68 0.00	323.84 7.43 0.00	185.25 5.19 0.00	126.31 3.73 0.00	82.05 1.95 0.00	93.39 1.52 0.00
INDECK___OLEAN 23982	50.25 1.54 0.00	49.24 0.96 0.00	40.03 0.02 0.00	35.25 0.47 0.00	36.95 0.47 0.00	45.80 0.30 0.00	55.08 0.46 0.00	52.29 0.32 0.00	48.04 0.60 0.00	50.71 1.68 0.00	54.70 1.75 0.00	59.56 2.16 0.00	60.42 2.36 0.00	75.66 4.21 0.00	83.69 4.42 0.00	92.14 3.46 0.00	114.95 3.55 0.00	169.29 4.85 0.00	260.32 6.18 0.00	327.07 10.65 0.00	188.66 8.60 0.00	126.71 4.13 0.00	82.39 2.29 0.00	93.14 1.26 0.00
INDECK___OSWEGO 23783	47.53 -1.18 0.00	47.05 -1.23 0.00	38.93 -1.08 0.00	33.87 -0.91 0.00	35.54 -0.94 0.00	44.26 -1.24 0.00	54.33 -1.50 -1.22	50.74 -1.51 -0.28	46.09 -1.34 0.00	47.75 -1.28 0.00	51.60 -1.35 0.00	56.07 -1.33 0.00	56.99 -1.08 0.00	70.35 -1.10 0.00	78.07 -1.20 0.00	87.08 -1.60 0.00	109.24 -2.15 0.00	161.25 -3.20 0.00	250.26 -4.41 -0.54	317.06 -4.52 -5.18	180.16 -1.88 -1.98	128.34 -1.51 -7.28	79.70 -1.29 -0.89	91.31 -2.15 -1.58
INDECK___YERKES 23781	49.60 0.88 0.00	48.94 0.65 0.00	39.32 -0.69 0.00	34.44 -0.34 0.00	36.12 -0.36 0.00	44.78 -0.72 0.00	53.68 -0.93 0.00	50.74 -1.24 0.00	46.81 -0.63 0.00	49.54 0.52 0.00	54.00 1.05 0.00	59.35 1.95 0.00	60.32 2.26 0.00	75.65 4.19 0.00	83.72 4.45 0.00	92.35 3.68 0.00	114.81 3.41 0.00	169.71 5.26 0.00	260.71 6.58 0.00	325.90 9.49 0.00	186.95 6.89 0.00	125.55 2.97 0.00	81.80 1.71 0.00	92.93 1.06 0.00
INDIAN POINT_GT_1 24139	50.58 1.86 0.00	50.06 1.77 0.00	41.74 1.73 0.00	36.43 1.66 0.00	38.21 1.73 0.00	47.21 1.71 0.00	56.30 1.68 0.00	53.83 1.85 0.00	49.55 2.12 0.00	51.17 2.14 0.00	55.04 2.09 0.00	59.50 2.10 0.00	60.77 2.70 0.00	75.43 3.98 0.00	84.13 4.85 0.00	94.20 5.52 0.00	118.29 6.89 0.00	174.29 9.85 0.00	268.10 13.97 0.00	332.54 16.14 0.00	190.12 10.06 0.00	130.63 7.38 -0.67	84.26 3.82 -0.34	95.03 3.15 0.00
INDIAN POINT_GT_2 23659	50.58 1.86 0.00	50.06 1.77 0.00	41.74 1.73 0.00	36.43 1.66 0.00	38.21 1.73 0.00	47.21 1.71 0.00	56.30 1.68 0.00	53.83 1.85 0.00	49.55 2.12 0.00	51.17 2.14 0.00	55.04 2.09 0.00	59.50 2.10 0.00	60.77 2.70 0.00	75.43 3.98 0.00	84.13 4.85 0.00	94.20 5.52 0.00	118.29 6.89 0.00	174.29 9.85 0.00	268.10 13.97 0.00	332.54 16.14 0.00	190.12 10.06 0.00	130.63 7.38 -0.67	84.26 3.82 -0.34	95.03 3.15 0.00
INDIAN POINT_GT_3 24019	50.58 1.86 0.00	50.06 1.77 0.00	41.74 1.73 0.00	36.43 1.66 0.00	38.21 1.73 0.00	47.21 1.71 0.00	56.30 1.68 0.00	53.83 1.85 0.00	49.55 2.12 0.00	51.17 2.14 0.00	55.04 2.09 0.00	59.50 2.10 0.00	60.77 2.70 0.00	75.43 3.98 0.00	84.13 4.85 0.00	94.20 5.52 0.00	118.29 6.89 0.00	174.29 9.85 0.00	268.10 13.97 0.00	332.54 16.14 0.00	190.12 10.06 0.00	130.63 7.38 -0.67	84.26 3.82 -0.34	95.03 3.15 0.00
INDIAN POINT___2 23530	50.53 1.83 0.00	50.01 1.72 0.00	41.69 1.68 0.00	36.39 1.62 0.00	38.17 1.69 0.00	47.16 1.65 0.00	56.23 1.61 0.00	53.78 1.80 0.00	49.51 2.07 0.00	51.12 2.09 0.00	54.96 2.01 0.00	59.43 2.03 0.00	60.69 2.62 0.00	75.33 3.88 0.00	84.01 4.74 0.00	94.06 5.39 0.00	118.07 6.68 0.00	173.94 9.50 0.00	267.54 13.41 0.00	331.85 15.44 0.00	189.74 9.67 0.00	130.39 7.16 -0.66	84.11 3.69 -0.32	94.88 3.01 0.00
INDIAN POINT___3 23531	50.50 1.79 0.00	49.99 1.70 0.00	41.69 1.68 0.00	36.39 1.61 0.00	38.16 1.68 0.00	47.15 1.65 0.00	56.22 1.61 0.00	53.74 1.77 0.00	49.47 2.03 0.00	51.08 2.05 0.00	54.96 2.01 0.00	59.42 2.02 0.00	60.69 2.62 0.00	75.29 3.84 0.00	83.98 4.71 0.00	94.01 5.34 0.00	118.02 6.63 0.00	173.88 9.44 0.00	267.49 13.36 0.00	331.84 15.43 0.00	189.71 9.65 0.00	130.35 7.11 -0.67	84.11 3.67 -0.34	94.88 3.01 0.00
INGHAM_C_115KV_TB7 356103	49.88 1.17 0.00	49.46 1.17 0.00	41.22 1.21 0.00	36.00 1.23 0.00	37.78 1.30 0.00	46.96 1.45 0.00	55.92 1.30 0.00	52.82 0.84 0.00	47.62 0.18 0.00	48.53 -0.50 0.00	52.00 -0.95 0.00	56.33 -1.07 0.00	57.69 -0.38 0.00	71.69 0.24 0.00	80.01 0.74 0.00	89.21 0.53 0.00	112.25 0.85 0.00	167.00 2.56 0.00	261.19 7.05 0.00	328.85 12.45 0.00	189.28 9.22 0.00	129.23 6.65 0.00	83.59 3.49 0.00	94.54 2.66 0.00
IP CORINTH___1 23988	51.71 3.00 0.00	51.12 2.84 0.00	42.42 2.41 0.00	37.07 2.29 0.00	38.91 2.43 0.00	48.35 2.85 0.00	57.89 3.28 0.00	54.95 2.98 0.00	50.20 2.76 0.00	51.63 2.60 0.00	55.06 2.11 0.00	59.55 2.16 0.00	61.06 2.99 0.00	75.53 4.07 0.00	84.05 4.78 0.00	94.67 6.00 0.00	118.45 7.06 0.00	176.22 11.77 0.00	274.97 20.83 0.00	342.96 26.55 0.00	196.59 16.53 0.00	140.53 10.96 -6.99	89.06 5.76 -3.20	97.96 6.09 0.00
IP___TICONDEROGA 23804	55.34 6.63 0.00	54.48 6.19 0.00	45.02 5.01 0.00	39.55 4.77 0.00	41.63 5.15 0.00	51.69 6.19 0.00	62.02 7.41 0.00	58.26 6.28 0.00	53.21 5.77 0.00	54.62 5.59 0.00	57.90 4.95 0.00	62.22 4.83 0.00	64.59 6.52 0.00	80.32 8.87 0.00	89.33 10.06 0.00	101.20 12.53 0.00	125.50 14.10 0.00	187.55 23.10 0.00	290.04 35.91 0.00	362.84 46.44 0.00	209.44 29.37 0.00	149.27 19.76 -6.93	94.68 11.25 -3.33	104.39 12.51 0.00
ISLIP_RES_REC 323679	50.87 2.16 0.00	50.45 2.17 0.00	42.00 2.00 0.00	36.60 1.82 0.00	38.39 1.91 0.00	47.32 1.81 0.00	55.93 1.31 0.00	53.44 1.46 0.00	27.39 1.81 21.86	29.57 2.01 21.48	54.79 2.41 0.58	58.15 1.97 1.22	60.42 3.03 0.68	75.94 4.50 0.00	84.88 5.61 0.00	95.73 7.07 0.01	128.17 9.19 -7.58	176.08 13.30 1.66	269.62 17.86 2.38	197.05 19.30 138.67	111.32 12.66 81.41	92.25 9.57 39.90	70.86 4.52 13.75	95.80 3.92 0.00

JAMAICA__27_KV_LOAD 355505	51.30 2.59 0.00	50.82 2.54 0.00	42.43 2.42 0.00	37.01 2.24 0.00	38.82 2.34 0.00	47.91 2.40 0.00	57.14 2.53 0.00	54.69 2.71 0.00	50.49 3.06 0.00	52.07 3.04 0.00	55.79 2.84 0.00	60.38 2.99 0.00	61.73 3.66 0.00	76.75 5.30 0.00	85.75 6.48 0.00	96.03 7.36 0.00	120.59 9.20 0.00	177.40 12.95 0.00	272.50 18.37 0.00	337.90 21.49 0.00	193.01 12.95 0.00	132.69 9.44 -0.67	85.73 5.28 -0.35	96.33 4.46 0.00
JANIS__SOLAR 323808	51.75 3.04 0.00	51.09 2.81 0.00	42.13 2.12 0.00	36.71 1.94 0.00	38.53 2.05 0.00	47.96 2.46 0.00	57.81 3.20 0.00	54.70 2.72 0.00	49.73 2.29 0.00	51.31 2.28 0.00	54.77 1.82 0.00	59.56 2.17 0.00	60.78 2.71 0.00	75.13 3.68 0.00	83.61 4.34 0.00	92.86 4.18 0.00	116.98 5.58 0.00	173.62 9.17 0.00	271.56 17.32 -0.11	344.69 27.24 -1.05	197.52 17.05 -0.40	135.27 10.89 -1.81	86.36 6.08 -0.18	97.90 5.71 -0.32
JARVIS____ 23743	48.93 0.22 0.00	48.50 0.21 0.00	40.25 0.24 0.00	35.02 0.24 0.00	36.74 0.26 0.00	45.76 0.25 0.00	54.84 0.22 0.00	52.18 0.21 0.00	47.60 0.16 0.00	49.18 0.15 0.00	53.06 0.11 0.00	57.52 0.12 0.00	58.35 0.28 0.00	71.93 0.48 0.00	79.82 0.55 0.00	89.20 0.53 0.00	111.95 0.56 0.00	165.31 0.87 0.00	255.67 1.54 0.00	318.35 1.93 0.00	181.53 1.47 0.00	123.67 1.09 0.00	80.66 0.56 0.00	92.25 0.37 0.00
JENNISON____1 23625	51.50 2.79 0.00	51.11 2.83 0.00	42.25 2.24 0.00	36.84 2.06 0.00	38.67 2.19 0.00	48.08 2.58 0.00	57.91 3.29 0.00	54.91 2.94 0.00	50.02 2.59 0.00	51.88 2.85 0.00	55.74 2.79 0.00	60.59 3.19 0.00	61.84 3.78 0.00	76.39 4.94 0.00	84.96 5.69 0.00	94.51 5.84 0.00	119.00 7.60 0.00	176.17 11.72 0.00	273.76 19.54 -0.08	344.46 27.30 -0.75	196.65 16.30 -0.29	134.61 10.43 -1.60	86.04 5.81 -0.13	97.59 5.48 -0.23
JENNISON____2 23626	51.50 2.79 0.00	51.11 2.83 0.00	42.25 2.24 0.00	36.84 2.06 0.00	38.67 2.19 0.00	48.08 2.58 0.00	57.91 3.29 0.00	54.91 2.94 0.00	50.02 2.59 0.00	51.88 2.85 0.00	55.74 2.79 0.00	60.59 3.19 0.00	61.84 3.78 0.00	76.39 4.94 0.00	84.96 5.69 0.00	94.51 5.84 0.00	119.00 7.60 0.00	176.17 11.72 0.00	273.76 19.54 -0.08	344.46 27.30 -0.75	196.65 16.30 -0.29	134.61 10.43 -1.60	86.04 5.81 -0.13	97.59 5.48 -0.23
JERICOHO_RISE_WT_PWR 323719	48.24 -0.48 0.00	47.76 -0.53 0.00	39.36 -0.65 0.00	34.08 -0.70 0.00	35.71 -0.77 0.00	44.70 -0.80 0.00	53.88 -0.73 0.00	51.44 -0.54 0.00	46.96 -0.48 0.00	48.47 -0.56 0.00	52.50 -0.45 0.00	56.75 -0.65 0.00	56.68 -1.39 0.00	69.42 -2.03 0.00	76.99 -2.29 0.00	86.55 -2.13 0.00	109.07 -2.33 0.00	161.34 -3.10 0.00	249.82 -4.31 0.00	311.44 -4.97 0.00	176.03 -4.03 0.00	119.65 -2.93 0.00	78.59 -1.51 0.00	91.19 -0.69 0.00
KATONAH__115KV_46KV_TB4 355592	50.77 2.06 0.00	50.27 1.99 0.00	41.92 1.91 0.00	36.57 1.80 0.00	38.35 1.87 0.00	47.43 1.93 0.00	56.57 1.95 0.00	54.07 2.10 0.00	49.76 2.33 0.00	51.42 2.39 0.00	55.38 2.43 0.00	59.91 2.51 0.00	61.28 3.21 0.00	76.11 4.66 0.00	84.87 5.60 0.00	95.02 6.35 0.00	119.37 7.98 0.00	176.00 11.56 0.00	270.72 16.59 0.00	335.77 19.37 0.00	191.85 11.79 0.00	131.67 8.40 -0.69	84.88 4.43 -0.35	95.71 3.83 0.00
KCE_NY_1 323755	51.42 2.71 0.00	50.80 2.52 0.00	42.22 2.21 0.00	36.83 2.06 0.00	38.65 2.17 0.00	48.05 2.55 0.00	57.51 2.89 0.00	54.66 2.69 0.00	49.86 2.43 0.00	51.34 2.31 0.00	55.15 2.21 0.00	59.76 2.36 0.00	61.08 3.01 0.00	75.49 4.04 0.00	83.95 4.68 0.00	94.05 5.38 0.00	118.05 6.65 0.00	175.10 10.65 0.00	271.70 17.57 0.00	338.94 22.53 0.00	193.92 13.86 0.00	138.83 9.41 -6.84	88.87 5.25 -3.52	97.36 5.48 0.00
KCE_NY_6_ESR 323823	50.13 1.41 0.00	49.45 1.17 0.00	39.83 -0.18 0.00	34.92 0.14 0.00	36.59 0.11 0.00	45.40 -0.11 0.00	54.51 -0.10 0.00	51.56 -0.42 0.00	47.48 0.05 0.00	50.23 1.20 0.00	54.64 1.69 0.00	60.00 2.60 0.00	61.15 3.08 0.00	76.59 5.14 0.00	84.85 5.58 0.00	93.59 4.92 0.00	116.58 5.18 0.00	172.18 7.73 0.00	264.71 10.58 0.00	331.06 14.65 0.00	190.22 10.16 0.00	127.78 5.20 0.00	82.99 2.89 0.00	94.06 2.18 0.00
KEDC PORT_JEFF_GT2 24210	50.40 1.69 0.00	50.04 1.75 0.00	41.68 1.67 0.00	36.33 1.55 0.00	38.10 1.61 0.00	46.94 1.44 0.00	55.44 0.82 0.00	52.92 0.94 0.00	26.72 1.32 22.04	28.83 1.46 21.66	54.15 1.78 0.58	57.33 1.16 1.23	59.60 2.21 0.69	74.91 3.47 0.00	83.72 4.45 0.00	94.33 5.67 0.01	129.14 6.98 -10.76	172.52 9.65 1.57	264.60 12.51 2.05	188.61 12.80 140.60	106.44 9.03 82.65	89.40 7.47 40.65	69.53 3.45 14.01	94.67 2.79 0.00
KEDC PORT_JEFF_GT3 24211	50.40 1.69 0.00	50.04 1.75 0.00	41.68 1.67 0.00	36.33 1.55 0.00	38.10 1.61 0.00	46.94 1.44 0.00	55.44 0.82 0.00	52.92 0.94 0.00	26.72 1.32 22.04	28.83 1.46 21.66	54.15 1.78 0.58	57.33 1.16 1.23	59.60 2.21 0.69	74.91 3.47 0.00	83.72 4.45 0.00	94.33 5.67 0.01	129.14 6.98 -10.76	172.52 9.65 1.57	264.60 12.51 2.05	188.61 12.80 140.60	106.44 9.03 82.65	89.40 7.47 40.65	69.53 3.45 14.01	94.67 2.79 0.00
KEDC_GLWD_GT4 24219	50.97 2.25 0.00	50.49 2.20 0.00	42.07 2.06 0.00	36.72 1.94 0.00	38.52 2.04 0.00	47.57 2.07 0.00	56.51 1.90 0.00	54.03 2.06 0.00	41.50 2.05 7.98	43.40 2.18 7.82	55.40 2.66 0.20	59.51 2.56 0.45	61.20 3.39 0.25	75.94 4.49 0.00	84.64 5.37 0.00	94.98 6.29 -0.01	119.26 7.85 -0.02	175.76 11.18 -0.14	269.99 15.86 0.00	288.30 17.99 46.09	167.89 10.89 23.06	132.22 8.24 -1.40	85.10 4.48 -0.52	95.21 3.32 0.00
KEDC_GLWD_GT5 24220	50.97 2.25 0.00	50.49 2.20 0.00	42.07 2.06 0.00	36.72 1.94 0.00	38.52 2.04 0.00	47.57 2.07 0.00	56.51 1.90 0.00	54.03 2.06 0.00	41.50 2.05 7.98	43.40 2.18 7.82	55.40 2.66 0.20	59.51 2.56 0.45	61.20 3.39 0.25	75.94 4.49 0.00	84.64 5.37 0.00	94.98 6.29 -0.01	119.26 7.85 -0.02	175.76 11.18 -0.14	269.99 15.86 0.00	288.30 17.99 46.09	167.89 10.89 23.06	132.22 8.24 -1.40	85.10 4.48 -0.52	95.21 3.32 0.00
KENSICO____ 23655	50.71 2.00 0.00	50.24 1.95 0.00	41.89 1.88 0.00	36.57 1.79 0.00	38.35 1.87 0.00	47.38 1.88 0.00	56.48 1.86 0.00	54.00 2.02 0.00	49.73 2.30 0.00	51.36 2.33 0.00	55.25 2.30 0.00	59.71 2.31 0.00	61.00 2.94 0.00	75.71 4.25 0.00	84.45 5.17 0.00	94.58 5.91 0.00	118.75 7.36 0.00	174.95 10.51 0.00	269.11 14.98 0.00	333.81 17.40 0.00	190.75 10.68 0.00	131.06 7.82 -0.67	84.55 4.10 -0.35	95.33 3.45 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.03 2.31 0.00	50.47 2.19 0.00	42.00 1.99 0.00	36.63 1.85 0.00	38.40 1.92 0.00	47.53 2.03 0.00	56.72 2.11 0.00	54.23 2.26 0.00	49.85 2.41 0.00	51.47 2.44 0.00	55.47 2.52 0.00	59.93 2.53 0.00	61.04 2.97 0.00	75.80 4.35 0.00	84.95 5.67 0.00	95.09 6.42 0.00	120.22 8.83 0.00	178.00 13.56 0.00	274.11 19.97 0.00	339.80 23.39 0.00	194.14 14.07 0.00	133.25 9.84 -0.83	84.97 5.34 0.47	96.67 4.79 0.00

KIAC_JFK_GT1 23816	50.76 2.05 0.00	50.31 2.02 0.00	42.01 2.00 0.00	36.64 1.87 0.00	38.45 1.97 0.00	47.44 1.94 0.00	56.56 1.94 0.00	54.14 2.16 0.00	49.98 2.55 0.00	51.54 2.51 0.00	55.21 2.26 0.00	59.74 2.34 0.00	61.04 2.97 0.00	75.88 4.42 0.00	84.76 5.49 0.00	94.96 6.29 0.00	119.20 7.81 0.00	175.31 10.87 0.00	269.23 15.09 0.00	333.83 17.42 0.00	190.67 10.61 0.00	131.13 7.88 -0.67	84.72 4.27 -0.35	95.27 3.39 0.00
KIAC_JFK_GT2 23817	50.76 2.05 0.00	50.31 2.02 0.00	42.01 2.00 0.00	36.64 1.87 0.00	38.45 1.97 0.00	47.44 1.94 0.00	56.56 1.94 0.00	54.14 2.16 0.00	49.98 2.55 0.00	51.54 2.51 0.00	55.21 2.26 0.00	59.74 2.34 0.00	61.04 2.97 0.00	75.88 4.42 0.00	84.76 5.49 0.00	94.96 6.29 0.00	119.20 7.81 0.00	175.31 10.87 0.00	269.23 15.09 0.00	333.83 17.42 0.00	190.67 10.61 0.00	131.13 7.88 -0.67	84.72 4.27 -0.35	95.27 3.39 0.00
KIAC_JFK____ 323774	50.76 2.05 0.00	50.31 2.02 0.00	42.01 2.00 0.00	36.64 1.87 0.00	38.45 1.97 0.00	47.46 1.95 0.00	56.56 1.95 0.00	54.14 2.16 0.00	49.98 2.54 0.00	51.54 2.51 0.00	55.21 2.26 0.00	59.74 2.34 0.00	61.03 2.96 0.00	75.88 4.43 0.00	84.76 5.49 0.00	94.96 6.29 0.00	119.20 7.81 0.00	175.31 10.87 0.00	269.21 15.08 0.00	333.78 17.37 0.00	190.67 10.61 0.00	131.08 7.83 -0.67	84.71 4.27 -0.35	95.30 3.42 0.00
KINTIGH__24_KV_GSU 356498	49.26 0.54 0.00	48.63 0.34 0.00	39.35 -0.66 0.00	34.48 -0.30 0.00	36.15 -0.33 0.00	44.85 -0.66 0.00	53.80 -0.82 0.00	50.95 -1.03 0.00	46.86 -0.57 0.00	49.45 0.42 0.00	53.73 0.78 0.00	58.93 1.54 0.00	59.95 1.88 0.00	75.06 3.61 0.00	83.13 3.86 0.00	91.78 3.11 0.00	113.54 2.15 0.00	167.21 2.77 0.00	257.19 3.06 0.00	321.21 4.81 0.00	184.33 4.27 0.00	124.75 2.17 0.00	81.46 1.36 0.00	92.51 0.63 0.00
KINTIGH____ 23543	49.22 0.51 0.00	48.59 0.30 0.00	39.32 -0.70 0.00	34.45 -0.32 0.00	36.11 -0.37 0.00	44.84 -0.67 0.00	53.75 -0.86 0.00	50.90 -1.08 0.00	46.83 -0.61 0.00	49.41 0.38 0.00	53.69 0.75 0.00	58.89 1.49 0.00	59.88 1.81 0.00	75.00 3.55 0.00	83.06 3.79 0.00	91.73 3.06 0.00	113.59 2.19 0.00	167.32 2.88 0.00	257.46 3.33 0.00	321.51 5.10 0.00	184.54 4.48 0.00	124.69 2.11 0.00	81.43 1.33 0.00	92.47 0.58 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.83 0.11 0.00	48.35 0.07 0.00	39.81 -0.20 0.00	34.54 -0.24 0.00	36.19 -0.29 0.00	45.23 -0.28 0.00	54.31 -0.31 0.00	51.76 -0.22 0.00	47.21 -0.23 0.00	48.72 -0.30 0.00	52.81 -0.14 0.00	57.14 -0.25 0.00	57.19 -0.88 0.00	70.18 -1.27 0.00	77.87 -1.40 0.00	87.53 -1.14 0.00	110.32 -1.07 0.00	163.37 -1.08 0.00	253.33 -0.80 0.00	316.62 0.21 0.00	179.04 -1.03 0.00	121.68 -0.90 0.00	79.78 -0.32 0.00	92.21 0.33 0.00
LACHUTE____HYDRO 323717	55.34 6.63 0.00	54.48 6.19 0.00	45.01 5.00 0.00	39.55 4.77 0.00	41.63 5.15 0.00	51.69 6.19 0.00	62.02 7.41 0.00	58.25 6.28 0.00	53.21 5.77 0.00	54.62 5.59 0.00	57.90 4.95 0.00	62.22 4.83 0.00	64.59 6.52 0.00	80.32 8.87 0.00	89.33 10.06 0.00	101.21 12.53 0.00	125.50 14.10 0.00	187.55 23.11 0.00	290.03 35.90 0.00	362.84 46.43 0.00	209.44 29.37 0.00	149.26 19.75 -6.93	94.68 11.25 -3.33	104.39 12.51 0.00
LAWRNCALV_115KV_TB1 80681	49.19 0.48 0.00	48.65 0.37 0.00	40.11 0.10 0.00	34.67 -0.11 0.00	36.11 -0.37 0.00	45.39 -0.12 0.00	54.96 0.34 0.00	51.88 -0.09 0.00	46.89 -0.55 0.00	48.18 -0.85 0.00	52.20 -0.75 0.00	56.40 -0.99 0.00	56.40 -1.67 0.00	68.82 -2.63 0.00	76.18 -3.09 0.00	85.14 -3.54 0.00	107.18 -4.21 0.00	158.62 -5.82 0.00	246.45 -7.69 0.00	307.93 -8.47 0.00	174.76 -5.31 0.00	118.99 -3.59 0.00	78.70 -1.40 0.00	92.04 0.16 0.00
LEDERLE____ 23769	50.81 2.10 0.00	50.22 1.94 0.00	41.85 1.84 0.00	36.54 1.76 0.00	38.32 1.83 0.00	47.32 1.82 0.00	56.48 1.87 0.00	54.04 2.07 0.00	49.76 2.32 0.00	51.42 2.39 0.00	55.32 2.37 0.00	59.87 2.47 0.00	61.15 3.08 0.00	75.91 4.46 0.00	84.72 5.45 0.00	94.86 6.19 0.00	119.07 7.68 0.00	175.41 10.97 0.00	269.75 15.62 0.00	334.49 18.08 0.00	191.25 11.19 0.00	131.37 8.14 -0.65	84.35 4.25 0.00	95.46 3.58 0.00
LIGHTHSE_115KV_TB6 355974	48.96 0.24 0.00	48.42 0.14 0.00	40.00 -0.01 0.00	34.76 -0.01 0.00	36.47 -0.01 0.00	45.50 0.00 0.00	55.28 0.06 -0.60	52.01 -0.10 -0.14	47.32 -0.11 0.00	48.93 -0.10 0.00	52.92 -0.03 0.00	57.40 0.00 0.00	58.30 0.23 0.00	71.81 0.36 0.00	79.66 0.39 0.00	88.66 -0.01 0.00	111.06 -0.33 0.00	164.58 0.14 0.00	256.24 1.83 -0.27	324.01 5.00 -2.60	185.11 4.05 -0.99	128.97 2.74 -3.66	82.04 1.49 -0.45	93.50 0.83 -0.79
LINDEN COGEN____ 23786	50.58 1.87 0.00	50.15 1.87 0.00	41.93 1.92 0.00	36.59 1.82 0.00	38.38 1.90 0.00	47.38 1.88 0.00	56.39 1.77 0.00	53.96 1.98 0.00	49.82 2.38 0.00	51.39 2.36 0.00	55.11 2.16 0.00	59.55 2.15 0.00	60.82 2.75 0.00	75.53 4.08 0.00	84.28 5.01 0.00	94.43 5.76 0.00	114.96 7.07 3.51	174.33 9.94 0.05	258.94 13.94 9.13	327.24 15.70 4.87	179.59 9.68 10.16	130.47 7.22 -0.67	84.22 3.77 -0.35	94.90 3.02 0.00
LINDHRST_69_KV_BK1 356055	51.00 2.29 0.00	50.57 2.29 0.00	42.10 2.09 0.00	36.70 1.93 0.00	38.50 2.02 0.00	47.48 1.97 0.00	56.20 1.58 0.00	53.70 1.73 0.00	29.68 2.04 19.80	31.71 2.12 19.44	54.80 2.37 0.52	58.32 2.03 1.11	60.38 2.93 0.62	75.75 4.30 0.00	84.56 5.29 0.00	95.33 6.66 0.01	119.88 8.50 0.01	175.53 12.19 1.11	269.20 16.96 1.89	214.36 19.52 121.57	123.73 12.01 68.35	103.91 9.33 28.00	74.94 4.49 9.65	95.88 4.00 0.00
LIPA_MISC_IPP 23656	50.11 1.40 0.00	49.73 1.45 0.00	41.44 1.43 0.00	36.12 1.34 0.00	37.90 1.42 0.00	46.68 1.17 0.00	55.17 0.56 0.00	52.70 0.73 0.00	26.35 1.05 22.13	28.46 1.18 21.75	53.79 1.43 0.58	57.04 0.88 1.24	59.27 1.89 0.69	74.56 3.11 0.00	83.26 3.98 0.00	93.77 5.11 0.01	123.93 6.95 -5.57	173.04 10.14 1.54	265.11 13.16 2.18	190.73 13.75 139.43	107.58 9.34 81.83	89.13 7.52 40.97	69.21 3.24 14.12	94.42 2.54 0.00
LISF____SOLAR 323691	50.25 1.54 0.00	49.85 1.56 0.00	41.53 1.53 0.00	36.20 1.42 0.00	37.98 1.50 0.00	46.78 1.27 0.00	55.30 0.68 0.00	52.82 0.85 0.00	26.48 1.14 22.09	28.59 1.28 21.71	53.89 1.52 0.58	57.17 1.00 1.23	59.41 2.03 0.69	74.74 3.29 0.00	83.44 4.17 0.00	93.97 5.31 0.01	124.90 7.29 -6.22	173.62 10.73 1.56	266.07 14.12 2.19	191.74 14.79 139.46	108.27 10.07 81.86	89.70 7.96 40.84	69.53 3.51 14.08	94.70 2.82 0.00
LITTLE FALLS____HYD 24013	49.88 1.17 0.00	49.46 1.17 0.00	41.22 1.21 0.00	36.00 1.23 0.00	37.78 1.30 0.00	46.96 1.45 0.00	55.92 1.30 0.00	52.82 0.84 0.00	47.62 0.18 0.00	48.53 -0.50 0.00	52.00 -0.95 0.00	56.33 -1.07 0.00	57.69 -0.38 0.00	71.69 0.24 0.00	80.01 0.74 0.00	89.21 0.53 0.00	112.25 0.85 0.00	167.00 2.56 0.00	261.19 7.05 0.00	328.85 12.45 0.00	189.28 9.22 0.00	129.23 6.65 0.00	83.59 3.49 0.00	94.54 2.66 0.00

LITTLRIV_115KV_TB1 356100	49.98 1.27 0.00	49.42 1.14 0.00	40.72 0.71 0.00	35.19 0.42 0.00	36.67 0.19 0.00	46.18 0.67 0.00	55.91 1.29 0.00	52.68 0.71 0.00	47.35 -0.08 0.00	48.52 -0.51 0.00	52.52 -0.43 0.00	56.75 -0.64 0.00	56.73 -1.34 0.00	69.20 -2.25 0.00	76.62 -2.65 0.00	85.66 -3.01 0.00	107.88 -3.52 0.00	160.06 -4.39 0.00	249.83 -4.30 0.00	313.71 -2.70 0.00	178.52 -1.55 0.00	121.61 -0.97 0.00	80.30 0.20 0.00	93.86 1.98 0.00
LI_NEWBRDGE___DRP 323616	50.30 1.59 0.00	49.89 1.60 0.00	41.55 1.54 0.00	36.26 1.48 0.00	38.03 1.55 0.00	46.91 1.40 0.00	55.54 0.92 0.00	53.07 1.10 0.00	25.29 1.45 23.60	27.34 1.51 23.20	53.92 1.59 0.62	57.43 1.35 1.32	59.45 2.11 0.73	74.71 3.26 0.00	83.37 4.10 0.00	93.63 4.98 0.02	117.49 6.12 0.03	172.50 8.59 0.54	265.78 11.65 0.00	185.18 13.19 144.42	102.89 8.09 85.26	81.50 6.75 47.83	66.71 3.09 16.48	94.31 2.43 0.00
LOCKPORT_115KV_TB60_63_64 80432	49.19 0.48 0.00	48.52 0.24 0.00	38.92 -1.09 0.00	34.08 -0.70 0.00	35.75 -0.73 0.00	44.40 -1.11 0.00	53.25 -1.36 0.00	50.30 -1.68 0.00	46.35 -1.08 0.00	49.04 0.01 0.00	53.41 0.46 0.00	58.68 1.28 0.00	59.65 1.59 0.00	74.79 3.34 0.00	82.69 3.42 0.00	91.22 2.54 0.00	113.32 1.93 0.00	167.39 2.95 0.00	257.57 3.43 0.00	321.87 5.46 0.00	185.04 4.97 0.00	124.32 1.74 0.00	81.25 1.15 0.00	92.37 0.49 0.00
LOCKPORT___CC1 323769	48.98 0.27 0.00	48.33 0.04 0.00	38.80 -1.21 0.00	33.97 -0.80 0.00	35.63 -0.85 0.00	44.21 -1.29 0.00	53.06 -1.56 0.00	50.12 -1.86 0.00	46.18 -1.26 0.00	48.86 -0.17 0.00	53.22 0.27 0.00	58.45 1.05 0.00	59.44 1.37 0.00	74.52 3.07 0.00	82.37 3.10 0.00	90.84 2.17 0.00	112.84 1.44 0.00	166.66 2.21 0.00	256.29 2.15 0.00	320.39 3.98 0.00	184.18 4.12 0.00	123.83 1.25 0.00	80.89 0.79 0.00	91.97 0.09 0.00
LOCKPORT___CC2 323770	48.98 0.27 0.00	48.33 0.04 0.00	38.80 -1.21 0.00	33.97 -0.80 0.00	35.63 -0.85 0.00	44.21 -1.29 0.00	53.06 -1.56 0.00	50.12 -1.86 0.00	46.18 -1.26 0.00	48.86 -0.17 0.00	53.22 0.27 0.00	58.45 1.05 0.00	59.44 1.37 0.00	74.52 3.07 0.00	82.37 3.10 0.00	90.84 2.17 0.00	112.84 1.44 0.00	166.66 2.21 0.00	256.29 2.15 0.00	320.39 3.98 0.00	184.18 4.12 0.00	123.83 1.25 0.00	80.89 0.79 0.00	91.97 0.09 0.00
LOCKPORT___CC3 323771	48.98 0.27 0.00	48.33 0.04 0.00	38.80 -1.21 0.00	33.97 -0.80 0.00	35.63 -0.85 0.00	44.21 -1.29 0.00	53.06 -1.56 0.00	50.12 -1.86 0.00	46.18 -1.26 0.00	48.86 -0.17 0.00	53.22 0.27 0.00	58.45 1.05 0.00	59.44 1.37 0.00	74.52 3.07 0.00	82.37 3.10 0.00	90.84 2.17 0.00	112.84 1.44 0.00	166.66 2.21 0.00	256.29 2.15 0.00	320.39 3.98 0.00	184.18 4.12 0.00	123.83 1.25 0.00	80.89 0.79 0.00	91.97 0.09 0.00
LOCUSVLY_69_KV_BK2 55797	51.06 2.35 0.00	50.57 2.29 0.00	42.10 2.09 0.00	36.73 1.95 0.00	38.53 2.05 0.00	47.56 2.05 0.00	56.42 1.80 0.00	53.97 1.99 0.00	37.80 2.14 11.78	39.76 2.28 11.55	55.21 2.57 0.30	58.87 2.14 0.66	61.03 3.34 0.37	76.23 4.78 0.00	84.95 5.68 0.00	95.41 6.73 -0.01	119.70 8.29 -0.01	176.28 11.83 0.00	270.91 16.78 0.00	266.27 19.62 69.76	154.04 11.53 37.56	122.23 8.85 9.21	81.44 4.48 3.15	95.58 3.70 0.00
LONG_LAKE_PHOENIX 24014	48.11 -0.60 0.00	47.60 -0.68 0.00	39.35 -0.66 0.00	34.25 -0.52 0.00	35.94 -0.54 0.00	44.78 -0.72 0.00	54.64 -0.89 -0.92	51.31 -0.87 -0.21	46.72 -0.72 0.00	48.42 -0.61 0.00	52.35 -0.60 0.00	56.95 -0.45 0.00	57.95 -0.12 0.00	71.58 0.12 0.00	79.44 0.16 0.00	88.61 -0.06 0.00	111.15 -0.24 0.00	164.09 -0.35 0.00	254.44 -0.10 -0.41	320.96 0.62 -3.94	182.47 0.91 -1.50	128.37 0.25 -5.53	80.54 -0.24 -0.68	92.09 -0.99 -1.20
LOVETT___3 23632	50.43 1.72 0.00	49.89 1.61 0.00	41.61 1.60 0.00	36.33 1.56 0.00	38.10 1.62 0.00	47.05 1.55 0.00	56.11 1.49 0.00	53.67 1.69 0.00	49.40 1.96 0.00	51.01 1.98 0.00	54.85 1.90 0.00	59.31 1.92 0.00	60.57 2.50 0.00	75.16 3.70 0.00	83.84 4.57 0.00	93.84 5.17 0.00	117.80 6.40 0.00	173.53 9.09 0.00	266.95 12.82 0.00	331.09 14.69 0.00	189.30 9.24 0.00	130.10 6.86 -0.65	83.93 3.51 -0.32	94.69 2.82 0.00
LOVETT___4 23642	50.43 1.72 0.00	49.89 1.61 0.00	41.61 1.60 0.00	36.33 1.56 0.00	38.10 1.62 0.00	47.05 1.55 0.00	56.11 1.49 0.00	53.67 1.69 0.00	49.40 1.96 0.00	51.01 1.98 0.00	54.85 1.90 0.00	59.31 1.92 0.00	60.57 2.50 0.00	75.16 3.70 0.00	83.84 4.57 0.00	93.84 5.17 0.00	117.80 6.40 0.00	173.53 9.09 0.00	266.95 12.82 0.00	331.09 14.69 0.00	189.30 9.24 0.00	130.10 6.86 -0.65	83.93 3.51 -0.32	94.69 2.82 0.00
LOVETT___5 23593	50.43 1.72 0.00	49.89 1.61 0.00	41.61 1.60 0.00	36.33 1.56 0.00	38.10 1.62 0.00	47.05 1.55 0.00	56.11 1.49 0.00	53.67 1.69 0.00	49.40 1.96 0.00	51.01 1.98 0.00	54.85 1.90 0.00	59.31 1.92 0.00	60.57 2.50 0.00	75.16 3.70 0.00	83.84 4.57 0.00	93.84 5.17 0.00	117.80 6.40 0.00	173.53 9.09 0.00	266.95 12.82 0.00	331.09 14.69 0.00	189.30 9.24 0.00	130.10 6.86 -0.65	83.93 3.51 -0.32	94.69 2.82 0.00
LOWER RAQUET___HYD 24057	49.28 0.56 0.00	48.71 0.43 0.00	40.16 0.15 0.00	34.70 -0.08 0.00	36.09 -0.40 0.00	45.38 -0.12 0.00	54.96 0.35 0.00	51.79 -0.18 0.00	46.75 -0.69 0.00	48.02 -1.02 0.00	52.02 -0.93 0.00	56.18 -1.22 0.00	56.17 -1.90 0.00	68.53 -2.92 0.00	75.88 -3.39 0.00	84.69 -3.98 0.00	106.63 -4.76 0.00	157.89 -6.55 0.00	245.55 -8.62 -0.03	307.52 -9.22 -0.34	174.59 -5.61 -0.13	119.31 -3.74 -0.47	78.69 -1.47 -0.06	92.18 0.20 -0.10
LOWER___HUDSON 24059	50.31 1.59 0.00	49.79 1.51 0.00	41.51 1.50 0.00	36.21 1.43 0.00	37.97 1.49 0.00	47.13 1.63 0.00	56.30 1.68 0.00	53.59 1.61 0.00	48.93 1.50 0.00	50.35 1.32 0.00	54.24 1.29 0.00	58.71 1.31 0.00	60.00 1.93 0.00	74.09 2.64 0.00	82.32 3.05 0.00	92.03 3.36 0.00	115.43 4.03 0.00	170.79 6.35 0.00	264.14 10.01 0.00	329.06 12.65 0.00	188.22 8.16 0.00	134.22 5.91 -5.73	89.00 3.25 -5.65	95.03 3.15 0.00
LOWVILLE_115KV_TB2 356335	50.81 2.09 0.00	49.79 1.51 0.00	41.15 1.14 0.00	35.69 0.92 0.00	37.44 0.96 0.00	46.84 1.33 0.00	56.47 1.71 -0.15	53.38 1.37 -0.04	48.52 1.08 0.00	50.01 0.98 0.00	54.03 1.08 0.00	58.36 0.96 0.00	58.93 0.86 0.00	72.32 0.87 0.00	80.18 0.90 0.00	89.32 0.65 0.00	112.12 0.73 0.00	166.88 2.44 0.00	261.45 7.24 -0.08	330.89 13.69 -0.79	189.90 9.54 -0.30	130.63 6.95 -1.11	84.08 3.84 -0.13	95.97 3.85 -0.24
LUTHERFT_115KV_GLOB_FND_222 355753	51.36 2.65 0.00	50.81 2.53 0.00	42.23 2.23 0.00	36.84 2.06 0.00	38.66 2.18 0.00	48.03 2.53 0.00	57.46 2.85 0.00	54.63 2.66 0.00	49.84 2.40 0.00	51.29 2.26 0.00	55.10 2.15 0.00	59.65 2.25 0.00	60.96 2.90 0.00	75.35 3.90 0.00	83.81 4.54 0.00	93.90 5.23 0.00	117.84 6.44 0.00	174.80 10.36 0.00	271.28 17.14 0.00	338.37 21.96 0.00	193.61 13.55 0.00	138.63 9.21 -6.84	88.76 5.14 -3.52	97.17 5.29 0.00

LUTHERNY_35_KV_BK2 355980	51.42 2.71 0.00	50.80 2.52 0.00	42.22 2.21 0.00	36.83 2.06 0.00	38.65 2.17 0.00	48.05 2.55 0.00	57.51 2.90 0.00	54.66 2.69 0.00	49.86 2.43 0.00	51.34 2.31 0.00	55.16 2.21 0.00	59.76 2.36 0.00	61.08 3.01 0.00	75.50 4.05 0.00	83.95 4.68 0.00	94.05 5.38 0.00	118.05 6.65 0.00	175.10 10.65 0.00	271.71 17.58 0.00	338.94 22.53 0.00	193.93 13.86 0.00	138.82 9.41 -6.84	88.87 5.26 -3.52	97.34 5.46 0.00
LWR___OSWEGATCHIE_HYD 23850	49.93 1.22 0.00	49.17 0.88 0.00	40.57 0.56 0.00	35.12 0.34 0.00	36.67 0.19 0.00	46.00 0.49 0.00	55.67 0.92 -0.14	52.46 0.45 -0.03	47.49 0.05 0.00	48.84 -0.18 0.00	52.85 -0.09 0.00	57.06 -0.33 0.00	57.38 -0.69 0.00	70.21 -1.25 0.00	77.79 -1.48 0.00	86.73 -1.94 0.00	108.98 -2.41 0.00	161.74 -2.71 0.00	252.64 -1.57 -0.07	318.52 1.44 -0.67	182.09 1.78 -0.26	125.06 1.54 -0.94	81.30 1.08 -0.11	93.89 1.81 -0.20
LYONS_FALL_HYD 23570	50.61 1.89 0.00	49.78 1.49 0.00	41.16 1.15 0.00	35.74 0.97 0.00	37.49 1.01 0.00	46.83 1.33 0.00	56.38 1.67 -0.09	53.41 1.41 -0.02	48.61 1.17 0.00	50.18 1.15 0.00	54.18 1.23 0.00	58.60 1.20 0.00	59.29 1.23 0.00	72.91 1.46 0.00	80.84 1.57 0.00	90.16 1.49 0.00	113.27 1.88 0.00	168.25 3.81 0.00	262.63 8.44 -0.06	330.87 13.88 -0.58	189.41 9.12 -0.22	129.81 6.41 -0.82	83.73 3.54 -0.10	95.54 3.48 -0.18
MADISON___COUNTY_LFGE 323628	50.60 1.89 0.00	50.01 1.72 0.00	41.35 1.34 0.00	35.97 1.19 0.00	37.74 1.25 0.00	47.05 1.54 0.00	56.49 1.87 0.00	53.61 1.63 0.00	48.90 1.46 0.00	50.53 1.50 0.00	54.51 1.56 0.00	59.10 1.70 0.00	59.99 1.93 0.00	73.84 2.39 0.00	81.70 2.43 0.00	91.21 2.54 0.00	114.77 3.37 0.00	169.92 5.48 0.00	264.12 9.92 -0.07	331.64 14.59 -0.65	189.43 9.12 -0.25	129.39 5.90 -0.91	83.41 3.20 -0.11	95.06 2.98 -0.20
MALONE___115KV_TB1 356076	49.15 0.44 0.00	48.58 0.29 0.00	39.99 -0.02 0.00	34.60 -0.18 0.00	36.20 -0.28 0.00	45.37 -0.13 0.00	54.76 0.14 0.00	52.13 0.15 0.00	47.38 -0.05 0.00	48.89 -0.14 0.00	53.01 0.07 0.00	57.34 -0.06 0.00	57.30 -0.77 0.00	70.20 -1.26 0.00	77.86 -1.41 0.00	87.39 -1.29 0.00	110.12 -1.27 0.00	162.86 -1.58 0.00	252.74 -1.40 0.00	316.02 -0.39 0.00	178.96 -1.10 0.00	121.67 -0.91 0.00	79.97 -0.13 0.00	92.68 0.80 0.00
MAPLEWOD_115KV_TB3 80458	49.76 1.05 0.00	49.31 1.03 0.00	41.09 1.08 0.00	35.84 1.07 0.00	37.58 1.10 0.00	46.65 1.14 0.00	55.72 1.10 0.00	53.12 1.15 0.00	48.51 1.08 0.00	49.97 0.94 0.00	53.97 1.03 0.00	58.48 1.08 0.00	59.70 1.63 0.00	73.68 2.23 0.00	81.92 2.64 0.00	91.50 2.83 0.00	114.85 3.46 0.00	169.88 5.44 0.00	262.67 8.53 0.00	326.85 10.44 0.00	186.72 6.66 0.00	132.01 4.80 -4.63	88.78 2.55 -6.14	94.11 2.23 0.00
MAPLE_RIDGE_WT_1 323574	48.54 -0.17 0.00	48.05 -0.23 0.00	39.83 -0.18 0.00	34.57 -0.21 0.00	36.23 -0.25 0.00	45.26 -0.24 0.00	54.34 -0.27 0.00	51.75 -0.22 0.00	47.31 -0.13 0.00	48.87 -0.16 0.00	52.80 -0.15 0.00	57.18 -0.21 0.00	57.68 -0.38 0.00	70.85 -0.60 0.00	78.56 -0.72 0.00	87.86 -0.81 0.00	110.28 -1.11 0.00	162.80 -1.64 0.00	251.91 -2.22 0.00	313.87 -2.54 0.00	178.48 -1.58 0.00	121.50 -1.08 0.00	79.43 -0.67 0.00	91.44 -0.44 0.00
MAPLE_RIDGE_WT_2 323611	48.54 -0.17 0.00	48.05 -0.23 0.00	39.83 -0.18 0.00	34.57 -0.21 0.00	36.23 -0.25 0.00	45.26 -0.24 0.00	54.34 -0.27 0.00	51.75 -0.22 0.00	47.31 -0.13 0.00	48.87 -0.16 0.00	52.80 -0.15 0.00	57.18 -0.21 0.00	57.68 -0.38 0.00	70.85 -0.60 0.00	78.56 -0.72 0.00	87.86 -0.81 0.00	110.28 -1.11 0.00	162.80 -1.64 0.00	251.91 -2.22 0.00	313.87 -2.54 0.00	178.48 -1.58 0.00	121.50 -1.08 0.00	79.43 -0.67 0.00	91.44 -0.44 0.00
MARBLE_RIVER_WT_PWR 323696	48.30 -0.41 0.00	47.81 -0.47 0.00	39.43 -0.59 0.00	34.14 -0.63 0.00	35.78 -0.70 0.00	44.76 -0.74 0.00	53.89 -0.73 0.00	51.45 -0.53 0.00	46.98 -0.46 0.00	48.48 -0.55 0.00	52.50 -0.45 0.00	56.76 -0.64 0.00	56.75 -1.31 0.00	69.56 -1.89 0.00	77.17 -2.10 0.00	86.70 -1.98 0.00	109.26 -2.13 0.00	161.66 -2.78 0.00	250.29 -3.85 0.00	312.09 -4.32 0.00	176.46 -3.60 0.00	119.94 -2.64 0.00	78.73 -1.37 0.00	91.29 -0.59 0.00
MARSHVLE_115KV_TB1 80742	52.23 3.52 0.00	51.63 3.34 0.00	42.68 2.67 0.00	37.00 2.22 0.00	38.80 2.32 0.00	48.41 2.90 0.00	58.23 3.61 0.00	55.17 3.20 0.00	49.88 2.45 0.00	51.10 2.07 0.00	55.14 2.19 0.00	59.85 2.45 0.00	60.66 2.60 0.00	74.39 2.94 0.00	82.48 3.21 0.00	92.31 3.64 0.00	115.72 4.33 0.00	171.78 7.33 0.00	268.29 14.16 0.00	339.59 23.18 0.00	194.64 14.58 0.00	138.49 9.56 -6.36	87.95 6.14 -1.71	98.52 6.64 0.00
MARSH_HILL_WT_PWR 323713	50.80 2.09 0.00	50.16 1.88 0.00	40.87 0.86 0.00	35.76 0.98 0.00	37.51 1.03 0.00	46.61 1.10 0.00	56.17 1.56 0.00	52.66 0.69 0.00	48.01 0.58 0.00	50.15 1.11 0.00	53.95 1.01 0.00	59.14 1.75 0.00	60.48 2.42 0.00	75.11 3.66 0.00	83.22 3.94 0.00	91.94 3.27 0.00	114.85 3.45 0.00	169.66 5.21 0.00	262.97 8.79 -0.05	333.25 16.34 -0.50	191.91 11.66 -0.19	129.39 5.93 -0.88	82.80 2.62 -0.09	93.99 1.96 -0.15
MCINTYRE_115KV_TB2 80467	50.21 1.50 0.00	49.67 1.39 0.00	40.91 0.89 0.00	35.35 0.58 0.00	36.90 0.42 0.00	46.46 0.96 0.00	56.25 1.63 0.00	53.03 1.06 0.00	47.63 0.20 0.00	48.78 -0.24 0.00	52.78 -0.17 0.00	57.05 -0.35 0.00	56.99 -1.08 0.00	69.49 -1.96 0.00	76.96 -2.31 0.00	86.20 -2.47 0.00	108.58 -2.81 0.00	161.34 -3.11 0.00	251.66 -2.47 0.00	316.48 0.08 0.00	180.22 0.15 0.00	122.70 0.12 0.00	80.94 0.84 0.00	94.47 2.59 0.00
MECO_____69_KV_BK1 80468	52.82 4.11 0.00	52.19 3.90 0.00	43.21 3.20 0.00	37.51 2.74 0.00	39.37 2.89 0.00	49.06 3.56 0.00	58.89 4.28 0.00	55.59 3.62 0.00	49.85 2.41 0.00	50.88 1.86 0.00	54.67 1.72 0.00	59.33 1.93 0.00	60.41 2.34 0.00	74.18 2.72 0.00	82.56 3.29 0.00	92.46 3.78 0.00	116.34 4.94 0.00	173.76 9.32 0.00	273.24 19.11 0.00	346.79 30.38 0.00	199.17 19.10 0.00	142.01 12.61 -6.82	89.61 7.67 -1.84	99.86 7.98 0.00
MENANDS___115KV_TB5 355628	49.27 0.56 0.00	48.84 0.56 0.00	40.75 0.74 0.00	35.55 0.77 0.00	37.27 0.79 0.00	46.25 0.74 0.00	55.22 0.60 0.00	52.64 0.66 0.00	48.08 0.64 0.00	49.52 0.49 0.00	53.50 0.55 0.00	57.93 0.54 0.00	59.15 1.08 0.00	72.96 1.51 0.00	81.10 1.83 0.00	90.56 1.89 0.00	113.65 2.25 0.00	167.99 3.55 0.00	259.52 5.39 0.00	322.74 6.33 0.00	184.37 4.31 0.00	130.30 3.28 -4.44	87.04 1.59 -5.35	93.10 1.22 0.00
MG INDUSTRY___DRP 24185	48.28 -0.43 0.00	47.97 -0.32 0.00	40.02 0.01 0.00	34.88 0.11 0.00	36.59 0.10 0.00	45.43 -0.07 0.00	54.26 -0.36 0.00	51.65 -0.32 0.00	47.00 -0.44 0.00	48.33 -0.71 0.00	52.13 -0.82 0.00	56.44 -0.96 0.00	57.56 -0.51 0.00	71.01 -0.44 0.00	78.84 -0.43 0.00	88.03 -0.64 0.00	110.42 -0.98 0.00	163.14 -1.31 0.00	252.41 -1.72 0.00	314.28 -2.13 0.00	179.63 -0.43 0.00	125.52 0.19 -2.76	74.03 -0.26 5.80	91.16 -0.72 0.00

MID___OSWEGATCHIE_HYD 23849	49.93 1.22 0.00	49.17 0.88 0.00	40.57 0.56 0.00	35.12 0.34 0.00	36.67 0.19 0.00	46.00 0.49 0.00	55.67 0.92 -0.14	52.46 0.45 -0.03	47.49 0.05 0.00	48.84 -0.18 0.00	52.85 -0.09 0.00	57.06 -0.33 0.00	57.38 -0.69 0.00	70.21 -1.25 0.00	77.79 -1.48 0.00	86.73 -1.94 0.00	108.98 -2.41 0.00	161.74 -2.71 0.00	252.64 -1.57 -0.07	318.52 1.44 -0.67	182.09 1.78 -0.26	125.06 1.54 -0.94	81.30 1.08 -0.11	93.89 1.81 -0.20
MID___RAQUETTE_HYD 23851	49.28 0.56 0.00	48.71 0.43 0.00	40.16 0.15 0.00	34.70 -0.08 0.00	36.08 -0.40 0.00	45.38 -0.12 0.00	54.96 0.35 0.00	51.79 -0.18 0.00	46.75 -0.69 0.00	48.02 -1.01 0.00	52.02 -0.93 0.00	56.18 -1.22 0.00	56.17 -1.90 0.00	68.53 -2.92 0.00	75.88 -3.40 0.00	84.69 -3.98 0.00	106.63 -4.76 0.00	157.89 -6.55 0.00	245.55 -8.62 -0.03	307.52 -9.22 -0.34	174.57 -5.62 -0.13	119.32 -3.74 -0.47	78.69 -1.47 -0.06	92.18 0.20 -0.10
MILLIKEN___1 23584	50.32 1.60 0.00	49.77 1.49 0.00	41.08 1.07 0.00	35.79 1.02 0.00	37.56 1.08 0.00	46.67 1.17 0.00	56.27 1.55 -0.10	53.22 1.22 -0.02	48.55 1.11 0.00	50.30 1.27 0.00	54.01 1.06 0.00	58.83 1.43 0.00	60.02 1.95 0.00	74.09 2.64 0.00	82.20 2.93 0.00	91.46 2.79 0.00	114.79 3.39 0.00	169.77 5.33 0.00	264.05 9.78 -0.14	333.40 15.62 -1.38	190.65 10.06 -0.52	131.03 6.33 -2.12	83.63 3.29 -0.24	95.20 2.90 -0.42
MILLIKEN___2 23585	50.32 1.60 0.00	49.77 1.49 0.00	41.08 1.07 0.00	35.79 1.02 0.00	37.56 1.08 0.00	46.67 1.17 0.00	56.27 1.55 -0.10	53.22 1.22 -0.02	48.55 1.11 0.00	50.30 1.27 0.00	54.01 1.06 0.00	58.83 1.43 0.00	60.02 1.95 0.00	74.09 2.64 0.00	82.20 2.93 0.00	91.46 2.79 0.00	114.79 3.39 0.00	169.77 5.33 0.00	264.05 9.78 -0.14	333.40 15.62 -1.38	190.65 10.06 -0.52	131.03 6.33 -2.12	83.63 3.29 -0.24	95.20 2.90 -0.42
MILLIKEN___DIESEL 23629	50.32 1.60 0.00	49.77 1.49 0.00	41.08 1.07 0.00	35.79 1.02 0.00	37.56 1.08 0.00	46.67 1.17 0.00	56.27 1.55 -0.10	53.22 1.22 -0.02	48.55 1.11 0.00	50.30 1.27 0.00	54.01 1.06 0.00	58.83 1.43 0.00	60.02 1.95 0.00	74.09 2.64 0.00	82.20 2.93 0.00	91.46 2.79 0.00	114.79 3.39 0.00	169.77 5.33 0.00	264.05 9.78 -0.14	333.40 15.62 -1.38	190.65 10.06 -0.52	131.03 6.33 -2.12	83.63 3.29 -0.24	95.20 2.90 -0.42
MILLSEAT___LFGE 323607	50.32 1.61 0.00	49.59 1.31 0.00	39.90 -0.11 0.00	34.91 0.13 0.00	36.62 0.14 0.00	45.48 -0.02 0.00	54.66 0.05 0.00	51.71 -0.26 0.00	47.47 0.03 0.00	49.96 0.93 0.00	54.42 1.47 0.00	59.83 2.43 0.00	60.55 2.48 0.00	75.71 4.26 0.00	83.71 4.44 0.00	92.66 3.99 0.00	115.23 3.84 0.00	170.39 5.95 0.00	263.34 9.21 0.00	330.34 13.93 0.00	189.73 9.67 0.00	127.57 4.99 0.00	83.19 3.09 0.00	94.97 3.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.60 1.89 0.00	50.10 1.82 0.00	41.79 1.78 0.00	36.48 1.70 0.00	38.25 1.77 0.00	47.27 1.76 0.00	56.35 1.74 0.00	53.88 1.91 0.00	49.59 2.16 0.00	51.21 2.19 0.00	55.10 2.15 0.00	59.55 2.15 0.00	60.84 2.77 0.00	75.49 4.04 0.00	84.20 4.93 0.00	94.28 5.61 0.00	118.36 6.97 0.00	174.44 9.99 0.00	268.33 14.20 0.00	332.86 16.45 0.00	190.27 10.21 0.00	130.72 7.47 -0.67	84.31 3.87 -0.34	95.11 3.24 0.00
MILLWOOD_13_KV_LOAD 356217	50.69 1.98 0.00	50.20 1.91 0.00	41.86 1.85 0.00	36.53 1.76 0.00	38.31 1.83 0.00	47.35 1.84 0.00	56.46 1.84 0.00	53.97 1.99 0.00	49.69 2.26 0.00	51.32 2.29 0.00	55.22 2.27 0.00	59.69 2.29 0.00	60.99 2.92 0.00	75.67 4.22 0.00	84.42 5.15 0.00	94.53 5.85 0.00	118.67 7.28 0.00	174.87 10.42 0.00	269.07 14.94 0.00	333.81 17.40 0.00	190.82 10.75 0.00	131.06 7.82 -0.67	84.52 4.08 -0.34	95.32 3.44 0.00
MODEL_CITY_ENERGY 24167	48.87 0.16 0.00	48.22 -0.06 0.00	38.66 -1.36 0.00	33.82 -0.95 0.00	35.49 -0.99 0.00	44.04 -1.47 0.00	52.87 -1.75 0.00	49.89 -2.08 0.00	46.01 -1.43 0.00	48.69 -0.34 0.00	53.04 0.09 0.00	58.26 0.86 0.00	59.26 1.19 0.00	74.27 2.82 0.00	82.09 2.82 0.00	90.54 1.86 0.00	112.39 1.00 0.00	166.02 1.58 0.00	255.19 1.05 0.00	318.77 2.36 0.00	183.16 3.10 0.00	123.19 0.61 0.00	80.58 0.48 0.00	91.62 -0.26 0.00
MODERN_LFGE___ 323580	48.87 0.16 0.00	48.22 -0.06 0.00	38.66 -1.36 0.00	33.82 -0.95 0.00	35.49 -0.99 0.00	44.04 -1.47 0.00	52.87 -1.75 0.00	49.89 -2.08 0.00	46.01 -1.43 0.00	48.69 -0.34 0.00	53.04 0.09 0.00	58.26 0.86 0.00	59.26 1.19 0.00	74.27 2.82 0.00	82.09 2.82 0.00	90.54 1.86 0.00	112.39 1.00 0.00	166.02 1.58 0.00	255.19 1.05 0.00	318.77 2.36 0.00	183.16 3.10 0.00	123.19 0.61 0.00	80.58 0.48 0.00	91.62 -0.26 0.00
MOHAWK_PAPER___DRP 24187	49.76 1.05 0.00	49.31 1.03 0.00	41.09 1.08 0.00	35.84 1.07 0.00	37.58 1.10 0.00	46.65 1.14 0.00	55.72 1.10 0.00	53.12 1.15 0.00	48.51 1.08 0.00	49.97 0.94 0.00	53.97 1.03 0.00	58.48 1.08 0.00	59.70 1.63 0.00	73.68 2.23 0.00	81.92 2.64 0.00	91.50 2.83 0.00	114.85 3.46 0.00	169.88 5.44 0.00	262.67 8.53 0.00	326.85 10.44 0.00	186.72 6.66 0.00	132.01 4.80 -4.63	88.78 2.55 -6.14	94.11 2.23 0.00
MOHICAN___35_KV_115KV_LD 80490	52.16 3.45 0.00	51.55 3.27 0.00	42.78 2.77 0.00	37.38 2.61 0.00	39.26 2.78 0.00	48.78 3.28 0.00	58.38 3.77 0.00	55.40 3.42 0.00	50.61 3.17 0.00	52.03 3.00 0.00	55.53 2.59 0.00	59.99 2.59 0.00	61.57 3.51 0.00	76.23 4.78 0.00	84.77 5.50 0.00	95.46 6.79 0.00	119.51 8.11 0.00	177.73 13.29 0.00	276.75 22.61 0.00	345.39 28.98 0.00	198.01 17.95 0.00	141.43 11.96 -6.89	89.93 6.42 -3.41	98.70 6.82 0.00
MONGAUP___HYD 23641	50.95 2.23 0.00	50.38 2.10 0.00	41.91 1.90 0.00	36.54 1.76 0.00	38.31 1.82 0.00	47.46 1.95 0.00	56.71 2.10 0.00	54.10 2.12 0.00	49.39 1.95 0.00	50.70 1.67 0.00	54.51 1.56 0.00	58.91 1.52 0.00	60.26 2.19 0.00	74.82 3.36 0.00	83.24 3.97 0.00	93.00 4.33 0.00	116.92 5.53 0.00	171.73 7.29 0.00	266.91 12.78 0.00	335.96 19.55 0.00	192.27 12.20 0.00	131.83 8.64 -0.61	85.22 5.12 0.00	96.34 4.46 0.00
MONTAUK___DIESEL 23721	51.63 2.91 0.00	50.82 2.54 0.00	42.15 2.14 0.00	36.80 2.03 0.00	38.76 2.27 0.00	48.15 2.64 0.00	57.15 2.54 0.00	54.78 2.81 0.00	28.59 3.27 22.12	31.37 4.08 21.74	57.13 4.76 0.58	60.45 4.29 1.23	62.77 5.39 0.69	78.93 7.48 0.00	87.93 8.66 0.00	98.19 9.53 0.01	129.78 12.58 -5.81	181.36 18.47 1.55	275.86 23.91 2.18	200.48 23.52 139.45	113.23 15.02 81.85	94.49 12.84 40.93	72.50 6.51 14.11	98.31 6.43 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	51.57 2.86 0.00	50.75 2.47 0.00	40.91 0.90 0.00	35.89 1.11 0.00	37.61 1.13 0.00	46.76 1.25 0.00	56.23 1.62 0.00	53.33 1.36 0.00	49.07 1.63 0.00	51.89 2.86 0.00	56.42 3.47 0.00	61.32 3.92 0.00	62.39 4.32 0.00	78.03 6.58 0.00	86.49 7.22 0.00	95.38 6.71 0.00	118.92 7.53 0.00	175.09 10.65 0.00	269.63 15.50 0.00	338.88 22.47 0.00	195.04 14.98 0.00	130.82 8.24 0.00	85.25 5.15 0.00	96.27 4.39 0.00

MORRIS_RIDGE___SOLAR 323848	49.96 1.25 0.00	49.35 1.07 0.00	40.12 0.11 0.00	35.11 0.33 0.00	36.82 0.34 0.00	45.69 0.19 0.00	54.99 0.38 0.00	51.51 -0.46 0.00	46.96 -0.48 0.00	49.16 0.13 0.00	53.07 0.12 0.00	58.20 0.80 0.00	59.44 1.37 0.00	73.95 2.50 0.00	81.91 2.64 0.00	90.42 1.74 0.00	112.82 1.43 0.00	166.50 2.06 0.00	257.87 3.69 -0.04	326.76 9.97 -0.38	188.43 8.22 -0.14	127.37 4.10 -0.70	81.98 1.82 -0.06	93.22 1.22 -0.12
MORTIMER_115KV_TB3 55949	49.80 1.09 0.00	49.15 0.87 0.00	40.03 0.02 0.00	34.97 0.20 0.00	36.66 0.17 0.00	45.61 0.10 0.00	54.73 0.12 0.00	51.99 0.02 0.00	47.74 0.30 0.00	50.12 1.09 0.00	54.47 1.52 0.00	59.71 2.32 0.00	60.73 2.66 0.00	75.80 4.35 0.00	84.07 4.80 0.00	93.26 4.59 0.00	116.17 4.78 0.00	171.26 6.82 0.00	264.13 10.00 0.00	329.98 13.58 0.00	188.71 8.65 0.00	127.40 4.81 0.00	82.83 2.73 0.00	94.06 2.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.92 2.20 0.00	50.45 2.16 0.00	42.12 2.11 0.00	36.76 1.98 0.00	38.56 2.08 0.00	47.61 2.11 0.00	56.72 2.10 0.00	54.25 2.27 0.00	50.05 2.61 0.00	51.66 2.63 0.00	55.50 2.56 0.00	59.97 2.57 0.00	61.28 3.21 0.00	76.07 4.62 0.00	84.86 5.58 0.00	95.07 6.40 0.00	119.33 7.94 0.00	175.76 11.31 0.00	270.20 16.07 0.00	334.93 18.52 0.00	191.39 11.33 0.00	131.53 8.27 -0.67	84.82 4.37 -0.35	95.60 3.72 0.00
MUNSVILLE_WIND_PWR 323609	53.24 4.53 0.00	52.61 4.33 0.00	43.44 3.43 0.00	37.89 3.11 0.00	39.80 3.32 0.00	49.54 4.04 0.00	59.79 5.18 0.00	56.70 4.72 0.00	51.52 4.08 0.00	53.37 4.34 0.00	57.19 4.24 0.00	62.27 4.87 0.00	63.56 5.49 0.00	78.56 7.11 0.00	87.48 8.20 0.00	97.24 8.56 0.00	122.68 11.29 0.00	182.03 17.59 0.00	284.07 29.85 -0.09	359.14 41.83 -0.90	205.09 24.68 -0.34	140.14 15.86 -1.70	89.27 9.02 -0.15	101.03 8.88 -0.27
N SALMON___HYD 24042	49.15 0.44 0.00	48.58 0.29 0.00	39.99 -0.02 0.00	34.60 -0.18 0.00	36.21 -0.28 0.00	45.37 -0.13 0.00	54.76 0.14 0.00	52.13 0.16 0.00	47.38 -0.05 0.00	48.89 -0.14 0.00	53.01 0.07 0.00	57.34 -0.06 0.00	57.30 -0.77 0.00	70.19 -1.26 0.00	77.86 -1.41 0.00	87.39 -1.29 0.00	110.12 -1.27 0.00	162.86 -1.58 0.00	252.75 -1.39 0.00	316.02 -0.39 0.00	178.97 -1.09 0.00	121.67 -0.91 0.00	79.97 -0.13 0.00	92.68 0.80 0.00
N.AKRON__115KV_KNAPP 355671	49.99 1.28 0.00	49.27 0.99 0.00	39.60 -0.41 0.00	34.66 -0.12 0.00	36.36 -0.12 0.00	45.19 -0.31 0.00	54.26 -0.36 0.00	51.29 -0.68 0.00	47.18 -0.26 0.00	49.80 0.77 0.00	54.22 1.27 0.00	59.58 2.18 0.00	60.41 2.34 0.00	75.64 4.19 0.00	83.64 4.37 0.00	92.65 3.98 0.00	115.23 3.84 0.00	170.01 5.57 0.00	262.26 8.12 0.00	328.38 11.98 0.00	188.67 8.60 0.00	126.79 4.21 0.00	82.73 2.63 0.00	94.20 2.32 0.00
N.E_GEN_SANDY PD 24062	53.25 1.31 -3.23	49.52 1.23 0.00	41.41 1.33 -0.07	36.10 1.33 0.00	37.86 1.38 0.00	47.33 1.39 -0.43	53.94 1.30 1.98	51.73 1.31 1.56	50.22 1.40 -1.38	50.25 1.22 0.00	54.19 1.24 0.00	57.47 1.19 1.12	60.82 1.84 -0.92	74.08 2.63 0.00	82.34 3.07 0.00	92.06 3.39 0.00	115.51 4.11 0.00	170.55 6.10 0.00	263.16 9.03 0.00	327.26 10.85 0.00	187.24 7.18 0.00	127.42 5.47 0.63	85.54 2.89 -2.56	96.55 2.50 -2.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.60 1.89 0.00	50.05 1.77 0.00	41.71 1.70 0.00	36.42 1.64 0.00	38.19 1.71 0.00	47.17 1.67 0.00	56.27 1.65 0.00	53.83 1.85 0.00	49.55 2.12 0.00	51.20 2.17 0.00	55.06 2.12 0.00	59.57 2.17 0.00	60.85 2.78 0.00	75.55 4.10 0.00	84.28 5.01 0.00	94.37 5.70 0.00	118.48 7.08 0.00	174.51 10.06 0.00	268.39 14.26 0.00	332.88 16.48 0.00	190.30 10.24 0.00	130.76 7.52 -0.65	83.96 3.86 0.00	95.08 3.20 0.00
N.QUEENS_27_KV_LOAD 356247	51.13 2.42 0.00	50.72 2.44 0.00	42.42 2.41 0.00	36.97 2.20 0.00	38.78 2.30 0.00	47.81 2.31 0.00	56.96 2.34 0.00	54.54 2.56 0.00	50.40 2.97 0.00	51.93 2.90 0.00	55.68 2.73 0.00	60.16 2.77 0.00	61.45 3.39 0.00	76.20 4.75 0.00	84.99 5.72 0.00	95.21 6.53 0.00	119.45 8.05 -0.01	175.89 11.44 -0.01	270.72 16.57 -0.01	335.55 19.13 -0.01	191.73 11.66 -0.01	131.74 8.48 -0.68	85.05 4.60 -0.36	95.87 3.98 -0.01
N.TROY___115KV_TB1 355778	50.31 1.59 0.00	49.79 1.51 0.00	41.51 1.50 0.00	36.21 1.43 0.00	37.97 1.49 0.00	47.13 1.63 0.00	56.30 1.68 0.00	53.59 1.61 0.00	48.93 1.50 0.00	50.35 1.32 0.00	54.24 1.29 0.00	58.71 1.31 0.00	60.00 1.93 0.00	74.10 2.64 0.00	82.32 3.05 0.00	92.03 3.36 0.00	115.43 4.04 0.00	170.79 6.35 0.00	264.14 10.01 0.00	329.06 12.65 0.00	188.22 8.15 0.00	134.23 5.91 -5.73	89.01 3.25 -5.65	95.03 3.15 0.00
NARROWS_GT1_1 24228	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT1_2 24229	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT1_3 24230	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT1_4 24231	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT1_5 24232	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00

NARROWS_GT1_6 24233	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT1_7 24234	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT1_8 24235	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT2_1 24236	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT2_2 24237	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT2_3 24238	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT2_4 24239	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT2_5 24240	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT2_6 24241	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT2_7 24242	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NARROWS_GT2_8 24243	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.86 2.46 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.13 7.74 0.01	175.43 10.99 0.01	260.93 15.93 9.13	329.92 18.39 4.88	181.12 11.23 10.17	131.45 8.20 -0.66	84.81 4.35 -0.35	95.57 3.69 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.96 1.25 0.00	49.50 1.22 0.00	41.22 1.20 0.00	35.91 1.14 0.00	37.65 1.17 0.00	46.81 1.30 0.00	56.01 1.40 0.00	53.29 1.31 0.00	48.49 1.05 0.00	49.69 0.66 0.00	53.55 0.60 0.00	58.11 0.71 0.00	59.33 1.26 0.00	73.26 1.81 0.00	81.57 2.29 0.00	91.41 2.74 0.00	114.57 3.17 0.00	169.29 4.84 0.00	263.43 9.29 0.00	329.68 13.27 0.00	188.67 8.60 0.00	131.17 5.97 -2.62	76.94 3.15 6.31	94.70 2.82 0.00
NCHELSEA_115KV_TR2 355582	51.02 2.31 0.00	50.50 2.21 0.00	42.07 2.06 0.00	36.71 1.93 0.00	38.49 2.01 0.00	47.63 2.13 0.00	56.87 2.25 0.00	54.35 2.37 0.00	49.92 2.48 0.00	51.55 2.52 0.00	55.55 2.60 0.00	60.14 2.74 0.00	61.42 3.36 0.00	76.23 4.78 0.00	84.95 5.67 0.00	95.13 6.46 0.00	119.69 8.29 0.00	176.68 12.23 0.00	271.96 17.83 0.00	337.53 21.13 0.00	192.74 12.68 0.00	132.33 9.05 -0.70	85.11 5.01 0.00	96.42 4.54 0.00
NEG CAPITAL____MECHNVIL 23645	51.42 2.71 0.00	50.87 2.58 0.00	42.29 2.28 0.00	36.87 2.09 0.00	38.67 2.18 0.00	48.05 2.55 0.00	57.48 2.86 0.00	54.67 2.69 0.00	49.90 2.46 0.00	51.38 2.36 0.00	55.25 2.30 0.00	59.85 2.45 0.00	61.20 3.14 0.00	75.66 4.21 0.00	84.15 4.88 0.00	94.27 5.60 0.00	118.32 6.92 0.00	175.48 11.04 0.00	272.08 17.95 0.00	339.38 22.98 0.00	194.06 13.99 0.00	138.66 9.53 -6.54	89.56 5.35 -4.11	97.31 5.44 0.00
NEG CENTRAL_HIGH_ACRES 23767	48.99 0.28 0.00	48.37 0.08 0.00	39.50 -0.51 0.00	34.49 -0.29 0.00	36.17 -0.31 0.00	44.99 -0.51 0.00	54.14 -0.58 -0.10	51.41 -0.59 -0.02	47.12 -0.31 0.00	49.40 0.36 0.00	53.59 0.64 0.00	58.75 1.35 0.00	59.81 1.74 0.00	74.50 3.05 0.00	82.70 3.43 0.00	91.77 3.10 0.00	114.56 3.16 0.00	169.02 4.57 0.00	260.95 6.81 0.00	325.95 9.54 0.00	186.24 6.18 0.00	125.76 3.18 0.00	81.69 1.59 0.00	92.61 0.73 0.00

NEG CENTRAL___DRP 24199	49.91 1.20 0.00	49.38 1.10 0.00	40.56 0.55 0.00	35.35 0.57 0.00	37.08 0.60 0.00	46.11 0.60 0.00	55.64 0.80 -0.23	52.51 0.48 -0.05	48.07 0.63 0.00	50.03 1.00 0.00	53.83 0.88 0.00	58.85 1.46 0.00	60.11 2.04 0.00	74.45 3.00 0.00	82.58 3.31 0.00	91.72 3.05 0.00	114.62 3.22 0.00	169.06 4.62 0.00	262.21 7.93 -0.14	330.56 12.76 -1.38	188.82 8.23 -0.53	129.22 4.69 -1.95	82.82 2.48 -0.24	94.25 1.95 -0.42
NEG CENTRAL___INDECK 23768	50.59 1.88 0.00	49.83 1.55 0.00	40.52 0.51 0.00	35.42 0.64 0.00	37.15 0.66 0.00	46.24 0.74 0.00	55.72 1.11 0.00	52.55 0.57 0.00	47.75 0.31 0.00	49.63 0.60 0.00	53.69 0.74 0.00	58.87 1.48 0.00	59.00 0.94 0.00	72.04 0.59 0.00	79.87 0.59 0.00	88.52 -0.15 0.00	110.23 -1.16 0.00	162.70 -1.75 0.00	252.43 -1.70 0.00	320.45 4.04 0.00	185.25 5.19 0.00	124.77 2.19 0.00	81.65 1.56 0.00	95.75 3.87 0.00
NEG CENTRAL___SENECA 23627	50.32 1.61 0.00	49.78 1.49 0.00	40.79 0.79 0.00	35.57 0.80 0.00	37.32 0.84 0.00	46.41 0.90 0.00	55.91 1.15 -0.14	52.75 0.75 -0.03	48.39 0.95 0.00	50.40 1.37 0.00	54.09 1.14 0.00	59.23 1.83 0.00	60.56 2.50 0.00	75.15 3.70 0.00	83.27 4.00 0.00	92.33 3.66 0.00	115.17 3.78 0.00	169.84 5.40 0.00	263.47 9.26 -0.08	332.19 15.01 -0.77	190.01 9.65 -0.29	129.09 5.43 -1.08	83.30 3.08 -0.13	94.66 2.54 -0.23
NEG CENTRAL___STATE_STREET 24147	49.72 1.01 0.00	49.18 0.90 0.00	40.56 0.56 0.00	35.35 0.58 0.00	37.09 0.61 0.00	45.99 0.48 0.00	55.63 0.73 -0.28	52.47 0.43 -0.06	47.88 0.45 0.00	49.82 0.79 0.00	53.67 0.72 0.00	58.53 1.14 0.00	59.68 1.61 0.00	73.57 2.12 0.00	81.60 2.33 0.00	90.83 2.16 0.00	113.82 2.43 0.00	168.08 3.64 0.00	261.09 6.77 -0.19	330.18 11.95 -1.82	188.55 7.79 -0.69	129.86 4.72 -2.56	82.57 2.16 -0.31	94.24 1.81 -0.56
NEG MILLWOOD___DRP 24198	51.06 2.36 0.00	50.54 2.26 0.00	42.12 2.11 0.00	36.75 1.97 0.00	38.54 2.05 0.00	47.69 2.18 0.00	56.90 2.29 0.00	54.40 2.43 0.00	50.04 2.60 0.00	51.72 2.69 0.00	55.72 2.77 0.00	60.35 2.96 0.00	61.73 3.66 0.00	76.70 5.25 0.00	85.51 6.24 0.00	95.77 7.10 0.00	120.43 9.03 0.00	177.70 13.25 0.00	273.42 19.29 0.00	339.24 22.82 0.00	193.66 13.59 0.00	132.82 9.54 -0.70	85.29 5.19 0.00	96.51 4.63 0.00
NEG NORTH_FLCN_SEA 23793	48.42 -0.29 0.00	48.05 -0.24 0.00	39.58 -0.43 0.00	34.36 -0.41 0.00	36.02 -0.46 0.00	44.99 -0.52 0.00	53.86 -0.76 0.00	51.38 -0.60 0.00	46.93 -0.50 0.00	48.41 -0.62 0.00	52.44 -0.51 0.00	56.73 -0.66 0.00	56.81 -1.25 0.00	69.73 -1.72 0.00	77.34 -1.93 0.00	86.97 -1.70 0.00	109.58 -1.81 0.00	162.21 -2.23 0.00	251.18 -2.95 0.00	313.44 -2.97 0.00	176.96 -3.10 0.00	120.37 -2.21 0.00	78.95 -1.14 0.00	91.39 -0.49 0.00
NEG NORTH_KES_CHATEGAY 23792	48.37 -0.34 0.00	47.88 -0.40 0.00	39.45 -0.56 0.00	34.17 -0.61 0.00	35.80 -0.68 0.00	44.81 -0.69 0.00	53.99 -0.63 0.00	51.47 -0.51 0.00	46.97 -0.47 0.00	48.48 -0.55 0.00	52.50 -0.45 0.00	56.75 -0.64 0.00	56.69 -1.38 0.00	69.44 -2.01 0.00	76.99 -2.28 0.00	86.58 -2.10 0.00	109.11 -2.29 0.00	161.35 -3.09 0.00	249.85 -4.29 0.00	312.24 -4.16 0.00	176.59 -3.47 0.00	120.07 -2.51 0.00	78.86 -1.24 0.00	91.46 -0.42 0.00
NEG NORTH___ALICE_FALLS 23915	48.83 0.11 0.00	48.35 0.07 0.00	39.81 -0.20 0.00	34.54 -0.24 0.00	36.19 -0.29 0.00	45.23 -0.28 0.00	54.31 -0.31 0.00	51.76 -0.22 0.00	47.21 -0.23 0.00	48.72 -0.30 0.00	52.81 -0.14 0.00	57.14 -0.25 0.00	57.19 -0.88 0.00	70.18 -1.27 0.00	77.87 -1.40 0.00	87.53 -1.14 0.00	110.32 -1.07 0.00	163.37 -1.08 0.00	253.33 -0.80 0.00	316.62 0.21 0.00	179.04 -1.03 0.00	121.68 -0.90 0.00	79.78 -0.32 0.00	92.21 0.33 0.00
NEG NORTH___LWR_SARANAC 23913	48.83 0.11 0.00	48.35 0.07 0.00	39.81 -0.20 0.00	34.54 -0.24 0.00	36.19 -0.29 0.00	45.23 -0.28 0.00	54.31 -0.31 0.00	51.76 -0.22 0.00	47.21 -0.23 0.00	48.72 -0.30 0.00	52.81 -0.14 0.00	57.14 -0.25 0.00	57.19 -0.88 0.00	70.18 -1.27 0.00	77.87 -1.40 0.00	87.53 -1.14 0.00	110.32 -1.07 0.00	163.37 -1.08 0.00	253.33 -0.80 0.00	316.62 0.21 0.00	179.04 -1.03 0.00	121.68 -0.90 0.00	79.78 -0.32 0.00	92.21 0.33 0.00
NEG NORTH___PLATTSBURG 23628	48.83 0.11 0.00	48.35 0.07 0.00	39.82 -0.19 0.00	34.54 -0.24 0.00	36.19 -0.29 0.00	45.23 -0.27 0.00	54.31 -0.30 0.00	51.76 -0.22 0.00	47.21 -0.23 0.00	48.72 -0.30 0.00	52.81 -0.14 0.00	57.15 -0.25 0.00	57.18 -0.89 0.00	70.18 -1.27 0.00	77.87 -1.40 0.00	87.53 -1.14 0.00	110.32 -1.07 0.00	163.37 -1.07 0.00	253.33 -0.80 0.00	316.62 0.21 0.00	179.04 -1.02 0.00	121.68 -0.90 0.00	79.78 -0.32 0.00	92.21 0.33 0.00
NEG WEST_LEA_LOCKPORT 23791	48.98 0.27 0.00	48.33 0.04 0.00	38.79 -1.22 0.00	33.98 -0.80 0.00	35.63 -0.85 0.00	44.26 -1.25 0.00	53.07 -1.55 0.00	50.11 -1.86 0.00	46.18 -1.26 0.00	48.87 -0.16 0.00	53.22 0.27 0.00	58.45 1.06 0.00	59.42 1.35 0.00	74.52 3.07 0.00	82.36 3.09 0.00	90.83 2.16 0.00	112.84 1.44 0.00	166.59 2.14 0.00	256.30 2.17 0.00	320.39 3.98 0.00	184.21 4.15 0.00	123.78 1.20 0.00	80.90 0.80 0.00	91.97 0.09 0.00
NEG WEST___LANCASTR 23811	49.55 0.84 0.00	48.82 0.54 0.00	39.50 -0.51 0.00	34.65 -0.13 0.00	36.31 -0.18 0.00	45.08 -0.42 0.00	54.11 -0.50 0.00	51.25 -0.73 0.00	47.18 -0.26 0.00	49.86 0.83 0.00	54.13 1.18 0.00	59.30 1.91 0.00	60.42 2.35 0.00	75.62 4.17 0.00	83.80 4.53 0.00	92.44 3.77 0.00	115.28 3.89 0.00	170.19 5.75 0.00	261.73 7.60 0.00	327.61 11.20 0.00	188.21 8.14 0.00	126.31 3.73 0.00	82.00 1.90 0.00	92.86 0.99 0.00
NEG_PENN_ALLEGHNY 23528	49.66 0.95 0.00	49.22 0.93 0.00	40.65 0.64 0.00	35.44 0.67 0.00	37.20 0.72 0.00	46.21 0.70 0.00	55.64 1.03 0.00	52.62 0.64 0.00	48.08 0.64 0.00	50.00 0.97 0.00	53.85 0.90 0.00	58.68 1.28 0.00	60.02 1.95 0.00	74.18 2.73 0.00	82.39 3.12 0.00	91.51 2.83 0.00	114.83 3.44 0.00	169.21 4.77 0.00	261.39 7.16 -0.09	328.05 10.78 -0.86	187.55 7.16 -0.33	128.46 4.38 -1.51	82.38 2.14 -0.15	93.70 1.55 -0.26
NEG___GEN_MONROE 24207	50.29 1.58 0.00	49.59 1.31 0.00	40.28 0.27 0.00	35.21 0.43 0.00	36.91 0.42 0.00	45.91 0.41 0.00	55.12 0.51 0.00	52.32 0.34 0.00	48.01 0.57 0.00	50.40 1.37 0.00	54.75 1.81 0.00	60.08 2.68 0.00	61.00 2.93 0.00	76.19 4.74 0.00	84.47 5.20 0.00	93.71 5.04 0.00	116.72 5.33 0.00	172.29 7.84 0.00	266.19 12.06 0.00	333.12 16.72 0.00	190.82 10.76 0.00	128.67 6.09 0.00	83.66 3.57 0.00	95.06 3.18 0.00
NEPA___ENERGY 23901	49.09 0.38 0.00	48.31 0.03 0.00	39.34 -0.67 0.00	34.55 -0.22 0.00	36.24 -0.25 0.00	44.92 -0.59 0.00	54.02 -0.60 0.00	51.06 -0.92 0.00	46.90 -0.54 0.00	49.43 0.39 0.00	53.27 0.31 0.00	58.09 0.69 0.00	60.31 2.24 0.00	75.93 4.48 0.00	84.15 4.88 0.00	92.72 4.05 0.00	115.66 4.26 0.00	169.68 5.23 0.00	260.61 6.48 0.00	328.07 11.67 0.00	188.92 8.85 0.00	127.37 4.79 0.00	82.38 2.28 0.00	93.36 1.48 0.00

NEVERSINK___HYD 23608	49.88 1.17 0.00	49.34 1.05 0.00	41.07 1.06 0.00	35.80 1.02 0.00	37.52 1.04 0.00	46.47 0.96 0.00	55.34 0.72 0.00	52.89 0.91 0.00	48.69 1.25 0.00	50.35 1.32 0.00	54.40 1.45 0.00	58.81 1.41 0.00	59.35 1.28 0.00	73.66 2.21 0.00	82.68 3.41 0.00	93.15 4.48 0.00	117.65 6.25 0.00	173.99 9.55 0.00	268.14 14.00 0.00	332.77 16.36 0.00	190.02 9.96 0.00	130.32 7.01 -0.72	83.67 3.57 0.00	94.77 2.89 0.00
NEWKRMKL_115KV_TB1 55635	48.95 0.24 0.00	48.54 0.25 0.00	40.48 0.47 0.00	35.30 0.53 0.00	37.05 0.57 0.00	45.95 0.45 0.00	54.89 0.27 0.00	52.34 0.36 0.00	47.78 0.34 0.00	49.22 0.19 0.00	53.17 0.23 0.00	57.59 0.19 0.00	58.77 0.70 0.00	72.51 1.06 0.00	80.62 1.35 0.00	90.03 1.35 0.00	113.01 1.61 0.00	167.06 2.61 0.00	258.10 3.97 0.00	320.88 4.47 0.00	183.28 3.21 0.00	129.34 2.49 -4.27	79.84 1.07 1.33	92.53 0.65 0.00
NEWTON___FALLS_HYD 23847	49.93 1.22 0.00	49.17 0.88 0.00	40.57 0.56 0.00	35.12 0.34 0.00	36.67 0.19 0.00	46.00 0.49 0.00	55.67 0.92 -0.14	52.46 0.45 -0.03	47.49 0.05 0.00	48.84 -0.18 0.00	52.85 -0.09 0.00	57.06 -0.33 0.00	57.38 -0.69 0.00	70.21 -1.25 0.00	77.79 -1.48 0.00	86.73 -1.94 0.00	108.98 -2.41 0.00	161.74 -2.71 0.00	252.64 -1.57 -0.07	318.52 1.44 -0.67	182.09 1.78 -0.26	125.06 1.54 -0.94	81.30 1.08 -0.11	93.89 1.81 -0.20
NGRID_A1_DSASP 323792	48.50 -0.21 0.00	47.96 -0.32 0.00	38.58 -1.43 0.00	33.83 -0.94 0.00	35.47 -1.01 0.00	43.97 -1.54 0.00	52.53 -2.09 0.00	49.56 -2.41 0.00	45.68 -1.76 0.00	48.40 -0.63 0.00	52.72 -0.23 0.00	57.92 0.52 0.00	58.90 0.84 0.00	73.87 2.42 0.00	81.66 2.39 0.00	89.99 1.32 0.00	111.63 0.23 0.00	164.80 0.36 0.00	253.02 -1.12 0.00	315.69 -0.73 0.00	181.32 1.26 0.00	122.02 -0.56 0.00	79.80 -0.30 0.00	90.76 -1.12 0.00
NGRID_A2_DSASP 323793	48.50 -0.21 0.00	47.96 -0.32 0.00	38.58 -1.43 0.00	33.83 -0.94 0.00	35.47 -1.01 0.00	43.97 -1.54 0.00	52.53 -2.09 0.00	49.56 -2.41 0.00	45.68 -1.76 0.00	48.40 -0.63 0.00	52.72 -0.23 0.00	57.92 0.52 0.00	58.90 0.84 0.00	73.87 2.42 0.00	81.66 2.39 0.00	89.99 1.32 0.00	111.63 0.23 0.00	164.80 0.36 0.00	253.02 -1.12 0.00	315.69 -0.73 0.00	181.32 1.26 0.00	122.02 -0.56 0.00	79.80 -0.30 0.00	90.76 -1.12 0.00
NGRID_A4_DSASP 323807	48.50 -0.21 0.00	47.96 -0.32 0.00	38.58 -1.43 0.00	33.83 -0.94 0.00	35.47 -1.01 0.00	43.97 -1.54 0.00	52.53 -2.09 0.00	49.56 -2.41 0.00	45.68 -1.76 0.00	48.40 -0.63 0.00	52.72 -0.23 0.00	57.92 0.52 0.00	58.90 0.84 0.00	73.87 2.42 0.00	81.66 2.39 0.00	89.99 1.32 0.00	111.63 0.23 0.00	164.80 0.36 0.00	253.02 -1.12 0.00	315.69 -0.73 0.00	181.32 1.26 0.00	122.02 -0.56 0.00	79.80 -0.30 0.00	90.76 -1.12 0.00
NIAGARA_115E_LBMP 323715	48.70 -0.01 0.00	48.08 -0.21 0.00	38.50 -1.51 0.00	33.69 -1.09 0.00	35.34 -1.14 0.00	43.86 -1.65 0.00	52.65 -1.96 0.00	49.67 -2.30 0.00	45.83 -1.61 0.00	48.51 -0.52 0.00	52.83 -0.12 0.00	58.02 0.63 0.00	59.04 0.97 0.00	73.98 2.53 0.00	81.77 2.50 0.00	90.17 1.50 0.00	111.89 0.49 0.00	165.28 0.83 0.00	253.86 -0.27 0.00	316.99 0.58 0.00	182.16 2.10 0.00	122.54 -0.04 0.00	80.22 0.12 0.00	91.22 -0.67 0.00
NIAGARA_115W_LBMP 323714	48.40 -0.31 0.00	47.84 -0.44 0.00	38.49 -1.52 0.00	33.76 -1.01 0.00	35.39 -1.09 0.00	43.88 -1.63 0.00	52.40 -2.22 0.00	49.42 -2.56 0.00	45.56 -1.87 0.00	48.27 -0.76 0.00	52.58 -0.37 0.00	57.75 0.35 0.00	58.73 0.67 0.00	73.64 2.19 0.00	81.42 2.15 0.00	89.72 1.05 0.00	111.30 -0.09 0.00	164.28 -0.16 0.00	252.25 -1.88 0.00	314.74 -1.67 0.00	180.78 0.72 0.00	121.69 -0.89 0.00	79.60 -0.50 0.00	90.52 -1.36 0.00
NIAGARA_230_LBMP 323716	48.76 0.05 0.00	48.16 -0.12 0.00	38.80 -1.21 0.00	34.03 -0.75 0.00	35.66 -0.82 0.00	44.21 -1.30 0.00	53.00 -1.62 0.00	50.08 -1.90 0.00	46.11 -1.32 0.00	48.82 -0.21 0.00	53.14 0.19 0.00	58.34 0.94 0.00	59.36 1.30 0.00	74.45 3.00 0.00	82.40 3.13 0.00	90.83 2.16 0.00	112.77 1.38 0.00	166.47 2.03 0.00	255.80 1.67 0.00	319.37 2.96 0.00	183.45 3.39 0.00	123.49 0.91 0.00	80.61 0.51 0.00	91.61 -0.27 0.00
NIAGARA___115KV_198_GIBSON 55903	48.40 -0.31 0.00	47.84 -0.44 0.00	38.49 -1.53 0.00	33.76 -1.02 0.00	35.39 -1.09 0.00	43.93 -1.58 0.00	52.40 -2.22 0.00	49.41 -2.57 0.00	45.57 -1.87 0.00	48.27 -0.76 0.00	52.58 -0.37 0.00	57.75 0.35 0.00	58.73 0.66 0.00	73.64 2.19 0.00	81.42 2.14 0.00	89.72 1.05 0.00	111.30 -0.09 0.00	164.25 -0.19 0.00	252.26 -1.87 0.00	314.69 -1.72 0.00	180.78 0.72 0.00	121.63 -0.95 0.00	79.60 -0.50 0.00	90.52 -1.36 0.00
NIAGARA____ 23760	48.76 0.05 0.00	48.16 -0.12 0.00	38.80 -1.21 0.00	34.03 -0.75 0.00	35.66 -0.82 0.00	44.21 -1.30 0.00	53.00 -1.62 0.00	50.08 -1.90 0.00	46.11 -1.32 0.00	48.82 -0.21 0.00	53.14 0.19 0.00	58.34 0.94 0.00	59.36 1.30 0.00	74.45 3.00 0.00	82.40 3.13 0.00	90.83 2.16 0.00	112.77 1.38 0.00	166.47 2.03 0.00	255.80 1.67 0.00	319.37 2.96 0.00	183.45 3.39 0.00	123.49 0.91 0.00	80.61 0.51 0.00	91.61 -0.27 0.00
NINE_MILE_1 23575	47.52 -1.18 0.01	47.07 -1.21 0.00	38.91 -1.10 0.00	33.87 -0.90 0.00	35.53 -0.95 0.00	44.25 -1.26 0.00	49.58 -1.54 3.49	49.68 -1.50 0.79	46.12 -1.31 0.00	47.82 -1.21 0.00	51.67 -1.28 0.00	56.17 -1.23 0.00	57.05 -1.02 0.00	70.43 -1.02 0.00	78.17 -1.10 0.00	87.18 -1.49 0.00	109.38 -2.01 0.00	161.30 -3.14 0.00	248.15 -4.70 1.28	298.92 -5.18 12.30	172.84 -2.53 4.70	103.31 -1.98 17.29	76.49 -1.50 2.11	85.90 -2.22 3.76
NINE_MILE_2 23744	47.52 -1.18 0.01	47.07 -1.21 0.00	38.91 -1.10 0.00	33.88 -0.90 0.00	35.53 -0.95 0.00	44.25 -1.26 0.00	49.56 -1.54 3.52	49.67 -1.50 0.80	46.13 -1.30 0.00	47.83 -1.21 0.00	51.67 -1.28 0.00	56.17 -1.23 0.00	57.05 -1.02 0.00	70.43 -1.02 0.00	78.17 -1.10 0.00	87.18 -1.49 0.00	109.38 -2.01 0.00	161.30 -3.14 0.00	248.13 -4.70 1.30	298.74 -5.18 12.48	172.76 -2.54 4.77	103.05 -1.98 17.55	76.45 -1.50 2.14	85.85 -2.22 3.81
NM_CAPITAL___DRP 24208	49.11 0.40 0.00	48.69 0.41 0.00	40.63 0.62 0.00	35.44 0.66 0.00	37.16 0.68 0.00	46.11 0.61 0.00	55.06 0.44 0.00	52.49 0.51 0.00	47.93 0.49 0.00	49.37 0.34 0.00	53.33 0.38 0.00	57.75 0.35 0.00	58.94 0.88 0.00	72.70 1.25 0.00	80.81 1.54 0.00	90.26 1.59 0.00	113.24 1.85 0.00	167.37 2.93 0.00	258.58 4.45 0.00	321.47 5.06 0.00	183.71 3.65 0.00	129.60 2.82 -4.20	85.48 1.30 -4.08	92.79 0.91 0.00
NM_CENTRAL___DRP 24181	48.60 -0.11 0.00	48.09 -0.19 0.00	39.73 -0.28 0.00	34.60 -0.18 0.00	36.30 -0.18 0.00	45.18 -0.32 0.00	54.34 -0.39 -0.11	51.59 -0.41 -0.03	47.17 -0.27 0.00	48.97 -0.06 0.00	52.93 -0.01 0.00	57.61 0.21 0.00	58.64 0.57 0.00	72.51 1.06 0.00	80.50 1.22 0.00	89.75 1.08 0.00	112.57 1.17 0.00	166.12 1.67 0.00	257.03 2.77 -0.12	321.83 4.22 -1.20	183.43 2.91 -0.46	125.78 1.51 -1.68	80.88 0.57 -0.20	92.14 -0.11 -0.37

NM_FRONTIER___DRP 24179	48.40 -0.31 0.00	47.84 -0.44 0.00	38.49 -1.53 0.00	33.76 -1.02 0.00	35.39 -1.09 0.00	43.93 -1.58 0.00	52.40 -2.22 0.00	49.41 -2.57 0.00	45.57 -1.87 0.00	48.27 -0.76 0.00	52.58 -0.37 0.00	57.75 0.35 0.00	58.73 0.66 0.00	73.64 2.19 0.00	81.42 2.14 0.00	89.72 1.05 0.00	111.30 -0.09 0.00	164.25 -0.19 0.00	252.26 -1.87 0.00	314.69 -1.72 0.00	180.78 0.72 0.00	121.63 -0.95 0.00	79.60 -0.50 0.00	90.52 -1.36 0.00
NM_ST_REGIS___HYD 24053	49.26 0.55 0.00	48.69 0.40 0.00	40.12 0.10 0.00	34.68 -0.10 0.00	36.12 -0.36 0.00	45.39 -0.12 0.00	54.91 0.29 0.00	51.89 -0.08 0.00	46.90 -0.54 0.00	48.25 -0.78 0.00	52.29 -0.66 0.00	56.50 -0.90 0.00	56.46 -1.61 0.00	68.95 -2.50 0.00	76.39 -2.88 0.00	85.33 -3.34 0.00	107.49 -3.91 0.00	159.09 -5.35 0.00	247.28 -6.85 0.00	309.39 -7.02 0.00	175.63 -4.43 0.00	119.59 -2.99 0.00	79.02 -1.08 0.00	92.29 0.41 0.00
NORTHPORT___1 23551	50.00 1.29 0.00	49.80 1.52 0.00	41.49 1.48 0.00	36.19 1.41 0.00	37.95 1.47 0.00	46.72 1.22 0.00	55.12 0.51 0.00	52.46 0.49 0.00	25.77 0.81 22.47	27.77 0.83 22.09	53.26 0.90 0.59	53.86 0.27 3.80	58.55 1.18 0.70	73.54 2.09 0.00	82.09 2.82 0.01	92.42 3.76 0.02	112.24 4.80 3.96	138.30 6.61 32.76	178.34 8.17 83.96	100.85 8.43 223.99	58.98 5.83 126.92	85.48 5.23 42.33	67.51 2.00 14.59	93.37 1.49 0.00
NORTHPORT___2 23552	50.00 1.29 0.00	49.80 1.52 0.00	41.49 1.48 0.00	36.19 1.41 0.00	37.95 1.47 0.00	46.72 1.22 0.00	55.12 0.51 0.00	52.46 0.49 0.00	25.77 0.81 22.47	27.77 0.83 22.09	53.26 0.90 0.59	53.86 0.27 3.80	58.55 1.18 0.70	73.54 2.09 0.00	82.09 2.82 0.01	92.42 3.76 0.02	112.24 4.80 3.96	138.30 6.61 32.76	178.34 8.17 83.96	100.85 8.43 223.99	58.98 5.83 126.92	85.48 5.23 42.33	67.51 2.00 14.59	93.37 1.49 0.00
NORTHPORT___3 23553	50.00 1.29 0.00	49.77 1.48 0.00	41.45 1.43 0.00	36.16 1.38 0.00	37.91 1.43 0.00	46.74 1.23 0.00	55.11 0.50 0.00	52.39 0.42 0.00	25.82 0.72 22.34	27.82 0.76 21.96	53.13 0.77 0.59	54.62 -0.70 2.08	58.32 0.95 0.70	73.41 1.96 0.00	81.93 2.66 0.00	92.17 3.51 0.02	111.59 4.16 3.96	137.41 5.75 32.79	177.16 7.13 84.10	100.54 7.46 223.33	58.30 4.73 126.49	85.00 4.70 42.28	67.22 1.69 14.57	92.88 1.00 0.00
NORTHPORT___4 23650	50.00 1.29 0.00	49.77 1.48 0.00	41.45 1.43 0.00	36.16 1.38 0.00	37.91 1.43 0.00	46.74 1.23 0.00	55.11 0.50 0.00	52.39 0.42 0.00	25.82 0.72 22.34	27.82 0.76 21.96	53.13 0.77 0.59	54.62 -0.70 2.08	58.32 0.95 0.70	73.41 1.96 0.00	81.93 2.66 0.00	92.17 3.51 0.02	111.59 4.16 3.96	137.41 5.75 32.79	177.16 7.13 84.10	100.54 7.46 223.33	58.30 4.73 126.49	85.00 4.70 42.28	67.22 1.69 14.57	92.88 1.00 0.00
NORTHPORT___IC 23718	49.99 1.28 0.00	49.80 1.52 0.00	41.49 1.48 0.00	36.19 1.41 0.00	37.95 1.47 0.00	46.71 1.21 0.00	55.11 0.50 0.00	52.46 0.49 0.00	25.81 0.84 22.47	27.78 0.84 22.09	53.26 0.91 0.59	53.87 0.27 3.80	58.55 1.19 0.70	73.54 2.09 0.00	82.09 2.82 0.01	92.42 3.76 0.02	112.25 4.82 3.96	138.30 6.61 32.76	178.34 8.17 83.96	101.16 8.74 223.99	59.01 5.86 126.92	85.52 5.26 42.33	67.52 2.00 14.59	93.37 1.49 0.00
NORTH___COUNTRY_ESR 323785	48.24 -0.48 0.00	47.76 -0.53 0.00	39.36 -0.65 0.00	34.08 -0.70 0.00	35.71 -0.77 0.00	44.70 -0.80 0.00	53.88 -0.73 0.00	51.44 -0.54 0.00	46.96 -0.48 0.00	48.47 -0.56 0.00	52.50 -0.45 0.00	56.75 -0.65 0.00	56.68 -1.39 0.00	69.42 -2.03 0.00	76.99 -2.29 0.00	86.55 -2.13 0.00	109.07 -2.33 0.00	161.34 -3.10 0.00	249.82 -4.31 0.00	311.44 -4.97 0.00	176.03 -4.03 0.00	119.65 -2.93 0.00	78.59 -1.51 0.00	91.19 -0.69 0.00
NPX_GEN_1385_PROXY 323591	50.00 1.29 0.00	49.81 1.53 0.00	41.60 1.59 0.00	36.33 1.55 0.00	38.08 1.60 0.00	46.71 1.20 0.00	55.18 0.64 0.08	52.78 0.81 0.00	26.31 1.34 22.47	28.05 1.11 22.09	53.52 1.16 0.59	53.75 0.15 3.80	58.59 1.23 0.70	73.75 2.30 0.00	82.01 2.74 0.01	92.66 4.00 0.02	112.04 4.61 3.96	138.39 6.71 32.76	178.79 8.62 83.96	101.09 8.68 223.99	59.38 6.24 126.92	87.06 6.81 42.33	69.37 3.55 14.27	102.84 3.03 -7.93
NPX_GEN_CSC 323557	49.92 1.21 0.00	49.50 1.22 0.00	41.25 1.24 0.00	35.94 1.17 0.00	37.72 1.24 0.00	46.48 0.98 0.00	54.88 0.34 0.08	52.50 0.52 0.00	26.06 0.75 22.13	28.19 0.90 21.74	53.55 1.18 0.58	56.77 0.60 1.24	59.02 1.64 0.69	74.28 2.83 0.00	82.97 3.70 0.00	93.44 4.78 0.01	118.82 6.83 -0.60	172.38 10.01 2.07	263.01 12.58 3.71	189.48 12.52 139.45	107.15 9.00 81.92	88.88 7.26 40.97	69.00 3.03 14.12	102.11 2.29 -7.93
NSINS_S_GLNS_FALLS 23858	52.05 3.34 0.00	51.45 3.16 0.00	42.68 2.67 0.00	37.30 2.52 0.00	39.16 2.68 0.00	48.67 3.17 0.00	58.27 3.66 0.00	55.29 3.32 0.00	50.51 3.07 0.00	51.96 2.93 0.00	55.43 2.48 0.00	59.94 2.54 0.00	61.50 3.44 0.00	76.09 4.64 0.00	84.68 5.41 0.00	95.37 6.70 0.00	119.33 7.93 0.00	177.48 13.04 0.00	276.63 22.49 0.00	345.14 28.74 0.00	197.83 17.77 0.00	141.29 11.77 -6.93	89.72 6.30 -3.33	98.57 6.69 0.00
NUCOR_STEEL___DRP 24197	49.62 0.91 0.00	49.08 0.80 0.00	40.50 0.49 0.00	35.30 0.53 0.00	37.03 0.55 0.00	45.88 0.38 0.00	55.55 0.63 -0.31	52.37 0.33 -0.07	47.79 0.35 0.00	49.73 0.70 0.00	53.62 0.67 0.00	58.47 1.07 0.00	59.57 1.50 0.00	73.38 1.93 0.00	81.41 2.14 0.00	90.64 1.97 0.00	113.60 2.20 0.00	167.70 3.25 0.00	260.38 6.04 -0.20	329.16 10.81 -1.94	187.88 7.08 -0.74	129.63 4.32 -2.73	82.35 1.91 -0.33	94.13 1.66 -0.59
NUMBER_THREE_WT_PWR 323818	50.77 2.06 0.00	49.73 1.45 0.00	41.10 1.09 0.00	35.65 0.87 0.00	37.40 0.92 0.00	46.78 1.28 0.00	56.42 1.65 -0.16	53.32 1.31 -0.04	48.47 1.03 0.00	49.98 0.95 0.00	53.99 1.04 0.00	58.31 0.91 0.00	58.88 0.81 0.00	72.25 0.80 0.00	80.10 0.82 0.00	89.24 0.57 0.00	111.97 0.57 0.00	166.63 2.19 0.00	261.08 6.87 -0.08	330.46 13.24 -0.81	189.71 9.33 -0.31	130.55 6.83 -1.14	83.99 3.76 -0.14	95.90 3.78 -0.25
NYISO_LBMP_REFERENCE 24008	48.71 0.00 0.00	48.28 0.00 0.00	40.01 0.00 0.00	34.78 0.00 0.00	36.48 0.00 0.00	45.50 0.00 0.00	54.61 0.00 0.00	51.97 0.00 0.00	47.44 0.00 0.00	49.03 0.00 0.00	52.95 0.00 0.00	57.40 0.00 0.00	58.07 0.00 0.00	71.45 0.00 0.00	79.27 0.00 0.00	88.67 0.00 0.00	111.39 0.00 0.00	164.44 0.00 0.00	254.13 0.00 0.00	316.41 0.00 0.00	180.06 0.00 0.00	122.58 0.00 0.00	80.10 0.00 0.00	91.88 0.00 0.00
NYPA_BRENTWD____GT 24164	50.83 2.12 0.00	50.47 2.19 0.00	42.04 2.02 0.00	36.64 1.86 0.00	38.43 1.94 0.00	47.36 1.85 0.00	55.96 1.34 0.00	53.38 1.41 0.00	27.45 1.72 21.70	29.52 1.81 21.33	54.50 2.12 0.57	57.88 1.69 1.21	59.99 2.60 0.68	75.17 3.72 0.00	83.87 4.60 0.00	94.50 5.84 0.01	118.91 7.53 0.02	171.87 10.16 2.74	262.15 13.05 5.03	192.85 14.49 138.04	109.27 10.40 81.20	91.46 8.17 39.29	70.36 3.80 13.54	95.32 3.44 0.00

NYPA_GOWANUS____GT5 24156	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.84 2.44 0.00	61.12 3.05 0.00	75.91 4.46 0.00	84.69 5.42 0.00	94.94 6.26 0.00	119.08 7.69 0.01	175.37 10.94 0.01	260.84 15.84 9.13	329.79 18.26 4.88	181.05 11.15 10.17	131.40 8.16 -0.66	84.77 4.32 -0.35	95.54 3.67 0.00
NYPA_GOWANUS____GT6 24157	50.98 2.27 0.00	50.58 2.30 0.00	42.30 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.70 2.19 0.00	56.72 2.10 0.00	54.36 2.39 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.47 2.52 0.00	59.84 2.44 0.00	61.12 3.05 0.00	75.91 4.46 0.00	84.69 5.42 0.00	94.94 6.26 0.00	119.08 7.69 0.01	175.37 10.94 0.01	260.84 15.84 9.13	329.79 18.26 4.88	181.05 11.15 10.17	131.40 8.16 -0.66	84.77 4.32 -0.35	95.54 3.67 0.00
NYPA_HARLEM__RVR__GT1 24160	51.01 2.30 -0.01	50.59 2.30 0.00	42.30 2.30 0.00	36.89 2.11 0.00	38.68 2.20 0.00	47.70 2.19 0.00	56.81 2.20 0.00	54.38 2.40 0.00	50.25 2.82 0.00	51.77 2.74 0.00	55.49 2.54 0.00	59.96 2.56 0.00	61.22 3.15 -0.01	75.97 4.51 -0.01	84.70 5.42 -0.01	94.88 6.20 -0.01	119.02 7.62 -0.01	175.28 10.82 -0.01	269.64 15.50 -0.01	334.24 17.83 -0.01	190.95 10.88 -0.01	131.23 7.97 -0.68	84.72 4.27 -0.36	95.50 3.61 -0.01
NYPA_HARLEM__RVR__GT2 24161	51.01 2.30 -0.01	50.59 2.30 0.00	42.30 2.30 0.00	36.89 2.11 0.00	38.68 2.20 0.00	47.70 2.19 0.00	56.81 2.20 0.00	54.38 2.40 0.00	50.25 2.82 0.00	51.77 2.74 0.00	55.49 2.54 0.00	59.96 2.56 0.00	61.22 3.15 -0.01	75.97 4.51 -0.01	84.70 5.42 -0.01	94.88 6.20 -0.01	119.02 7.62 -0.01	175.28 10.82 -0.01	269.64 15.50 -0.01	334.24 17.83 -0.01	190.95 10.88 -0.01	131.23 7.97 -0.68	84.72 4.27 -0.36	95.50 3.61 -0.01
NYPA_KENT____GT 24152	50.89 2.17 0.00	50.52 2.24 0.00	42.24 2.23 0.00	36.85 2.07 0.00	38.66 2.18 0.00	47.67 2.16 0.00	56.70 2.08 0.00	54.28 2.31 0.00	50.22 2.78 0.00	51.69 2.66 0.00	55.45 2.50 0.00	59.82 2.42 0.00	61.09 3.03 0.00	75.88 4.43 0.00	84.63 5.36 0.00	94.85 6.17 0.00	118.97 7.58 0.01	175.21 10.77 0.01	258.20 15.41 11.34	324.39 17.66 9.68	170.33 10.79 20.52	120.30 7.91 10.19	78.66 4.15 5.59	90.56 3.46 4.78
NYPA_POUCH1____GT 24155	50.81 2.10 0.00	50.47 2.19 0.00	42.25 2.25 0.00	36.86 2.08 0.00	38.65 2.17 0.00	47.61 2.11 0.00	56.54 1.93 0.00	54.20 2.22 0.00	50.15 2.71 0.00	51.48 2.45 0.00	55.23 2.28 0.00	59.63 2.23 0.00	60.88 2.81 0.00	75.59 4.14 0.00	84.35 5.07 0.00	94.58 5.91 0.00	115.11 7.22 3.50	174.69 10.26 0.01	259.99 14.99 9.13	328.76 17.23 4.88	180.62 10.72 10.17	131.17 7.92 -0.66	84.63 4.18 -0.35	95.32 3.45 0.00
NYPA_VERNON____GT2 24162	50.81 2.10 0.00	50.46 2.18 0.00	42.19 2.19 0.00	36.81 2.04 0.00	38.62 2.14 0.00	47.65 2.15 0.00	56.67 2.06 0.00	54.22 2.24 0.00	50.17 2.74 0.00	51.70 2.67 0.00	55.43 2.48 0.00	59.84 2.44 0.00	61.13 3.06 0.00	75.89 4.44 0.00	84.63 5.36 0.00	94.82 6.15 0.00	118.98 7.59 0.01	175.14 10.70 0.01	255.67 15.08 13.55	319.13 17.20 14.48	159.75 10.56 30.88	109.28 7.74 21.04	72.62 4.05 11.53	85.67 3.34 9.55
NYPA_VERNON____GT3 24163	50.81 2.10 0.00	50.46 2.18 0.00	42.19 2.19 0.00	36.81 2.04 0.00	38.62 2.14 0.00	47.65 2.15 0.00	56.67 2.06 0.00	54.22 2.24 0.00	50.17 2.74 0.00	51.70 2.67 0.00	55.43 2.48 0.00	59.84 2.44 0.00	61.13 3.06 0.00	75.89 4.44 0.00	84.63 5.36 0.00	94.82 6.15 0.00	118.98 7.59 0.01	175.14 10.70 0.01	255.67 15.08 13.55	319.13 17.20 14.48	159.75 10.56 30.88	109.28 7.74 21.04	72.62 4.05 11.53	85.67 3.34 9.55
NYPA____ASTORIA_CC1 323568	50.72 2.01 0.00	50.38 2.10 0.00	42.13 2.12 0.00	36.76 1.98 0.00	38.55 2.07 0.00	47.58 2.07 0.00	56.57 1.95 0.00	54.13 2.16 0.00	50.08 2.65 0.00	51.60 2.57 0.00	55.34 2.39 0.00	59.73 2.33 0.00	61.01 2.94 0.00	75.70 4.25 0.00	84.45 5.17 0.00	94.62 5.95 0.00	118.68 7.29 0.01	174.71 10.27 0.01	251.27 14.41 17.27	313.34 16.48 19.55	148.45 10.14 41.75	99.76 7.46 30.28	67.39 3.87 16.58	81.41 3.15 13.62
NYPA____ASTORIA_CC2 323569	50.72 2.01 0.00	50.38 2.10 0.00	42.13 2.12 0.00	36.76 1.98 0.00	38.55 2.07 0.00	47.58 2.07 0.00	56.57 1.95 0.00	54.13 2.16 0.00	50.08 2.65 0.00	51.60 2.57 0.00	55.34 2.39 0.00	59.73 2.33 0.00	61.01 2.94 0.00	75.70 4.25 0.00	84.45 5.17 0.00	94.62 5.95 0.00	118.68 7.29 0.01	174.71 10.27 0.01	251.27 14.41 17.27	313.34 16.48 19.55	148.45 10.14 41.75	99.76 7.46 30.28	67.39 3.87 16.58	81.41 3.15 13.62
NYPA____HOLTSVILL 23794	50.21 1.50 0.00	49.86 1.58 0.00	41.55 1.54 0.00	36.22 1.44 0.00	37.99 1.51 0.00	46.80 1.30 0.00	55.28 0.66 0.00	52.76 0.78 0.00	26.42 1.14 22.16	28.51 1.25 21.77	53.85 1.48 0.58	57.09 0.93 1.24	59.30 1.91 0.69	74.50 3.06 0.00	83.21 3.94 0.00	93.72 5.06 0.01	122.97 6.62 -4.96	172.32 9.41 1.54	264.05 12.10 2.18	189.59 12.57 139.39	107.00 8.73 81.79	88.55 7.06 41.08	69.00 3.06 14.16	94.28 2.40 0.00
NYPA____HELLGATE_GT1 24158	51.01 2.29 -0.01	50.59 2.30 0.00	42.30 2.30 0.00	36.89 2.11 0.00	38.69 2.20 0.00	47.70 2.19 0.00	56.81 2.20 0.00	54.38 2.40 0.00	50.25 2.82 0.00	51.77 2.74 0.00	55.49 2.54 0.00	59.96 2.56 0.00	61.22 3.15 -0.01	75.97 4.51 -0.01	84.70 5.42 -0.01	94.88 6.20 -0.01	119.02 7.62 -0.01	175.28 10.82 -0.01	269.64 15.50 -0.01	334.24 17.83 -0.01	190.95 10.88 -0.01	131.23 7.97 -0.68	84.72 4.27 -0.36	95.50 3.61 -0.01
NYPA____HELLGATE_GT2 24159	51.01 2.29 -0.01	50.59 2.30 0.00	42.30 2.30 0.00	36.89 2.11 0.00	38.69 2.20 0.00	47.70 2.19 0.00	56.81 2.20 0.00	54.38 2.40 0.00	50.25 2.82 0.00	51.77 2.74 0.00	55.49 2.54 0.00	59.96 2.56 0.00	61.22 3.15 -0.01	75.97 4.51 -0.01	84.70 5.42 -0.01	94.88 6.20 -0.01	119.02 7.62 -0.01	175.28 10.82 -0.01	269.64 15.50 -0.01	334.24 17.83 -0.01	190.95 10.88 -0.01	131.23 7.97 -0.68	84.72 4.27 -0.36	95.50 3.61 -0.01
NYS_BARGE____HYD 23848	49.19 0.48 0.00	48.53 0.24 0.00	38.93 -1.08 0.00	34.08 -0.70 0.00	35.74 -0.74 0.00	44.35 -1.15 0.00	53.26 -1.36 0.00	50.30 -1.68 0.00	46.35 -1.09 0.00	49.04 0.01 0.00	53.41 0.46 0.00	58.69 1.29 0.00	59.67 1.61 0.00	74.79 3.34 0.00	82.69 3.42 0.00	91.21 2.54 0.00	113.31 1.92 0.00	167.44 3.00 0.00	257.55 3.42 0.00	321.93 5.53 0.00	185.02 4.96 0.00	124.35 1.78 0.00	81.25 1.15 0.00	92.37 0.49 0.00
OAK ORCHARD____HYD 24046	49.80 1.09 0.00	49.15 0.87 0.00	40.03 0.02 0.00	34.97 0.20 0.00	36.66 0.17 0.00	45.58 0.07 0.00	54.73 0.11 0.00	51.99 0.02 0.00	47.74 0.30 0.00	50.12 1.09 0.00	54.47 1.52 0.00	59.72 2.32 0.00	60.74 2.68 0.00	75.80 4.35 0.00	84.07 4.80 0.00	93.26 4.59 0.00	116.17 4.78 0.00	171.30 6.86 0.00	264.12 9.98 0.00	329.98 13.57 0.00	188.70 8.64 0.00	127.41 4.83 0.00	82.84 2.74 0.00	94.07 2.19 0.00

OAKDALE___35_KV_LOAD 356122	49.40 0.69 0.00	48.98 0.70 0.00	40.45 0.44 0.00	35.29 0.51 0.00	37.03 0.55 0.00	46.00 0.49 0.00	55.36 0.74 0.00	52.35 0.37 0.00	47.83 0.39 0.00	49.73 0.70 0.00	53.55 0.60 0.00	58.31 0.92 0.00	59.62 1.55 0.00	73.66 2.21 0.00	81.79 2.52 0.00	90.86 2.18 0.00	113.97 2.58 0.00	167.88 3.44 0.00	259.26 5.04 -0.09	325.33 8.08 -0.84	186.03 5.64 -0.32	127.50 3.43 -1.49	81.81 1.57 -0.14	93.14 1.00 -0.26
OCC_CHEM___DRP 24175	48.50 -0.21 0.00	47.96 -0.32 0.00	38.57 -1.44 0.00	33.84 -0.94 0.00	35.47 -1.01 0.00	44.02 -1.49 0.00	52.53 -2.09 0.00	49.56 -2.42 0.00	45.68 -1.75 0.00	48.40 -0.63 0.00	52.72 -0.23 0.00	57.92 0.52 0.00	58.89 0.82 0.00	73.86 2.41 0.00	81.66 2.39 0.00	89.99 1.31 0.00	111.63 0.23 0.00	164.74 0.30 0.00	253.03 -1.11 0.00	315.64 -0.77 0.00	181.31 1.25 0.00	121.97 -0.61 0.00	79.80 -0.30 0.00	90.76 -1.12 0.00
OH_GEN_PROXY 24063	14.81 0.03 33.92	48.16 -0.13 0.00	38.82 -1.19 0.00	34.05 -0.73 0.00	35.68 -0.80 0.00	44.24 -1.26 0.00	52.98 -1.56 0.08	50.17 -1.81 0.00	46.21 -1.23 0.00	48.89 -0.13 0.00	53.18 0.23 0.00	58.38 0.98 0.00	26.46 1.35 32.96	74.52 3.06 0.00	82.50 3.23 0.00	90.95 2.28 0.00	112.96 1.57 0.00	166.71 2.27 0.00	256.19 2.06 0.00	319.92 3.51 0.00	183.71 3.65 0.00	123.69 1.10 0.00	80.66 0.57 0.00	136.78 -0.24 -45.14
OLIN_CORP_DRP 24177	48.78 0.07 0.00	48.16 -0.13 0.00	38.59 -1.42 0.00	33.78 -1.00 0.00	35.44 -1.05 0.00	44.02 -1.49 0.00	52.79 -1.83 0.00	49.81 -2.17 0.00	45.94 -1.49 0.00	48.63 -0.41 0.00	52.97 0.02 0.00	58.15 0.75 0.00	59.17 1.10 0.00	74.17 2.72 0.00	82.00 2.73 0.00	90.42 1.75 0.00	112.22 0.82 0.00	165.70 1.26 0.00	254.58 0.45 0.00	317.92 1.51 0.00	182.66 2.60 0.00	122.80 0.22 0.00	80.40 0.30 0.00	91.41 -0.48 0.00
OLIN_CORP_DSASP 323712	48.50 -0.21 0.00	47.96 -0.32 0.00	38.58 -1.43 0.00	33.83 -0.94 0.00	35.47 -1.01 0.00	43.97 -1.54 0.00	52.53 -2.09 0.00	49.56 -2.41 0.00	45.68 -1.76 0.00	48.40 -0.63 0.00	52.72 -0.23 0.00	57.92 0.52 0.00	58.90 0.84 0.00	73.87 2.42 0.00	81.66 2.39 0.00	89.99 1.32 0.00	111.63 0.23 0.00	164.80 0.36 0.00	253.02 -1.12 0.00	315.69 -0.73 0.00	181.32 1.26 0.00	122.02 -0.56 0.00	79.80 -0.30 0.00	90.76 -1.12 0.00
ONEIDA_HERK_LFGE 323681	50.49 1.78 0.00	49.75 1.47 0.00	41.17 1.16 0.00	35.76 0.98 0.00	37.51 1.03 0.00	46.82 1.31 0.00	56.26 1.64 0.00	53.39 1.42 0.00	48.65 1.21 0.00	50.25 1.22 0.00	54.23 1.28 0.00	58.69 1.30 0.00	59.47 1.40 0.00	73.19 1.73 0.00	81.16 1.88 0.00	90.54 1.87 0.00	113.83 2.43 0.00	168.91 4.46 0.00	263.10 8.92 -0.05	330.58 13.72 -0.45	188.99 8.76 -0.17	129.25 6.03 -0.63	83.53 3.36 -0.08	95.28 3.27 -0.14
ONEIDA___115KV_TB4 55905	50.60 1.89 0.00	50.01 1.72 0.00	41.35 1.34 0.00	35.97 1.19 0.00	37.74 1.25 0.00	47.05 1.54 0.00	56.49 1.87 0.00	53.61 1.63 0.00	48.90 1.46 0.00	50.53 1.50 0.00	54.51 1.56 0.00	59.10 1.70 0.00	59.99 1.93 0.00	73.84 2.39 0.00	81.70 2.43 0.00	91.21 2.54 0.00	114.77 3.37 0.00	169.92 5.48 0.00	264.12 9.92 -0.07	331.64 14.59 -0.65	189.43 9.12 -0.25	129.39 5.90 -0.91	83.41 3.20 -0.11	95.06 2.98 -0.20
ONONDAGA_REF_OCCRA 23987	48.94 0.22 0.00	48.43 0.14 0.00	40.01 0.01 0.00	34.85 0.07 0.00	36.56 0.08 0.00	45.50 -0.01 0.00	54.75 0.02 -0.11	51.95 -0.05 -0.03	47.48 0.05 0.00	49.27 0.24 0.00	53.21 0.26 0.00	57.90 0.51 0.00	58.99 0.92 0.00	72.90 1.45 0.00	80.94 1.66 0.00	90.23 1.56 0.00	113.23 1.83 0.00	167.13 2.69 0.00	258.92 4.63 -0.15	324.64 6.81 -1.43	185.03 4.42 -0.55	127.12 2.53 -2.01	81.50 1.15 -0.24	92.86 0.55 -0.44
ONONDAGA___COGEN 23986	48.63 -0.08 0.00	48.12 -0.17 0.00	39.77 -0.24 0.00	34.64 -0.13 0.00	36.34 -0.14 0.00	45.22 -0.28 0.00	54.67 -0.31 -0.37	51.69 -0.37 -0.08	47.20 -0.24 0.00	48.97 -0.05 0.00	52.88 -0.06 0.00	57.59 0.19 0.00	58.61 0.55 0.00	72.42 0.97 0.00	80.41 1.14 0.00	89.68 1.01 0.00	112.55 1.15 0.00	165.92 1.48 0.00	257.23 2.87 -0.22	323.31 4.74 -2.16	184.13 3.24 -0.83	127.36 1.74 -3.04	81.12 0.65 -0.37	92.54 0.00 -0.66
ONTARIO___LFGE 23819	50.32 1.60 0.00	49.78 1.49 0.00	40.79 0.79 0.00	35.57 0.80 0.00	37.32 0.84 0.00	46.39 0.89 0.00	55.92 1.17 -0.14	52.75 0.74 -0.03	48.38 0.94 0.00	50.40 1.37 0.00	54.09 1.14 0.00	59.23 1.83 0.00	60.58 2.51 0.00	75.15 3.70 0.00	83.27 4.00 0.00	92.33 3.66 0.00	115.17 3.78 0.00	169.86 5.42 0.00	263.49 9.28 -0.08	332.20 15.02 -0.77	189.99 9.64 -0.29	129.10 5.44 -1.08	83.30 3.07 -0.13	94.65 2.53 -0.23
ORANGEVILLE_WT_PWR 323706	49.84 1.12 0.00	49.19 0.91 0.00	39.83 -0.18 0.00	34.89 0.11 0.00	36.57 0.09 0.00	45.37 -0.13 0.00	54.56 -0.05 0.00	51.32 -0.66 0.00	46.97 -0.47 0.00	49.40 0.36 0.00	53.52 0.57 0.00	58.73 1.33 0.00	59.89 1.82 0.00	74.74 3.29 0.00	82.77 3.50 0.00	91.32 2.65 0.00	113.81 2.42 0.00	168.01 3.57 0.00	259.35 5.21 0.00	326.56 10.15 0.00	188.06 7.99 0.00	126.43 3.85 0.00	81.98 1.89 0.00	93.07 1.19 0.00
ORANGEVILLE___ESR 323794	49.84 1.12 0.00	49.19 0.91 0.00	39.83 -0.18 0.00	34.89 0.11 0.00	36.57 0.09 0.00	45.37 -0.13 0.00	54.56 -0.05 0.00	51.32 -0.66 0.00	46.97 -0.47 0.00	49.40 0.36 0.00	53.52 0.57 0.00	58.73 1.33 0.00	59.89 1.82 0.00	74.74 3.29 0.00	82.77 3.50 0.00	91.32 2.65 0.00	113.81 2.42 0.00	168.01 3.57 0.00	259.35 5.21 0.00	326.56 10.15 0.00	188.06 7.99 0.00	126.43 3.85 0.00	81.98 1.89 0.00	93.07 1.19 0.00
OSWEGATCHIE___HYD 24044	49.93 1.22 0.00	49.17 0.89 0.00	40.57 0.56 0.00	35.12 0.34 0.00	36.68 0.20 0.00	46.00 0.49 0.00	55.67 0.92 -0.14	52.46 0.45 -0.03	47.49 0.05 0.00	48.85 -0.18 0.00	52.86 -0.09 0.00	57.06 -0.33 0.00	57.38 -0.69 0.00	70.21 -1.24 0.00	77.80 -1.48 0.00	86.73 -1.94 0.00	108.98 -2.41 0.00	161.74 -2.70 0.00	252.64 -1.56 -0.07	318.50 1.41 -0.67	182.10 1.78 -0.26	125.06 1.54 -0.94	81.30 1.09 -0.11	93.89 1.81 -0.20
OSWEGO___5 23606	47.92 -0.80 -0.01	47.45 -0.84 0.00	39.22 -0.79 0.00	34.14 -0.64 0.00	35.82 -0.66 0.00	44.59 -0.91 0.00	55.73 -1.11 -2.23	51.37 -1.11 -0.51	46.48 -0.95 0.00	48.20 -0.83 0.00	52.08 -0.86 0.00	56.62 -0.78 0.00	57.54 -0.53 0.00	71.03 -0.41 0.00	78.83 -0.44 0.00	87.93 -0.74 0.00	110.27 -1.12 0.00	162.70 -1.74 0.00	252.54 -2.55 -0.95	323.16 -2.42 -9.17	182.69 -0.88 -3.50	134.59 -0.88 -12.89	80.83 -0.85 -1.57	93.19 -1.50 -2.80
OSWEGO___6 23613	47.92 -0.80 -0.01	47.45 -0.84 0.00	39.22 -0.79 0.00	34.14 -0.64 0.00	35.82 -0.66 0.00	44.59 -0.91 0.00	55.73 -1.11 -2.23	51.37 -1.11 -0.51	46.48 -0.95 0.00	48.20 -0.83 0.00	52.08 -0.86 0.00	56.62 -0.78 0.00	57.54 -0.53 0.00	71.03 -0.41 0.00	78.83 -0.44 0.00	87.93 -0.74 0.00	110.27 -1.12 0.00	162.70 -1.74 0.00	252.54 -2.55 -0.95	323.16 -2.42 -9.17	182.69 -0.88 -3.50	134.59 -0.88 -12.89	80.83 -0.85 -1.57	93.19 -1.50 -2.80

OUTOKUMPU-AB___DRP 24206	49.60 0.89 0.00	48.94 0.66 0.00	39.32 -0.69 0.00	34.45 -0.33 0.00	36.12 -0.36 0.00	44.85 -0.66 0.00	53.69 -0.92 0.00	50.74 -1.23 0.00	46.82 -0.62 0.00	49.55 0.52 0.00	54.01 1.06 0.00	59.36 1.97 0.00	60.32 2.25 0.00	75.66 4.21 0.00	83.73 4.46 0.00	92.36 3.69 0.00	114.85 3.45 0.00	169.68 5.23 0.00	260.80 6.67 0.00	325.88 9.47 0.00	187.02 6.96 0.00	125.55 2.96 0.00	81.82 1.73 0.00	92.95 1.07 0.00
OXBOW___BTM 323836	49.09 0.37 0.00	48.47 0.19 0.00	38.96 -1.05 0.00	34.15 -0.63 0.00	35.80 -0.68 0.00	44.39 -1.11 0.00	53.13 -1.49 0.00	50.18 -1.80 0.00	46.28 -1.16 0.00	49.01 -0.02 0.00	53.43 0.49 0.00	58.72 1.32 0.00	59.50 1.43 0.00	74.62 3.17 0.00	82.55 3.28 0.00	91.02 2.35 0.00	113.08 1.69 0.00	167.06 2.62 0.00	256.47 2.33 0.00	320.22 3.81 0.00	183.86 3.79 0.00	123.55 0.97 0.00	80.68 0.58 0.00	91.85 -0.03 0.00
OXBOW___ 24026	49.09 0.37 0.00	48.47 0.19 0.00	38.96 -1.05 0.00	34.15 -0.62 0.00	35.80 -0.68 0.00	44.43 -1.07 0.00	53.13 -1.49 0.00	50.18 -1.80 0.00	46.28 -1.16 0.00	49.01 -0.02 0.00	53.44 0.49 0.00	58.72 1.32 0.00	59.49 1.42 0.00	74.62 3.17 0.00	82.55 3.28 0.00	91.03 2.36 0.00	113.08 1.69 0.00	166.99 2.55 0.00	256.48 2.35 0.00	320.19 3.78 0.00	183.87 3.81 0.00	123.50 0.92 0.00	80.69 0.59 0.00	91.85 -0.03 0.00
OXY_CHEM_DSASP 323612	48.50 -0.21 0.00	47.96 -0.32 0.00	38.57 -1.44 0.00	33.84 -0.94 0.00	35.47 -1.01 0.00	44.02 -1.49 0.00	52.53 -2.09 0.00	49.56 -2.42 0.00	45.68 -1.75 0.00	48.40 -0.63 0.00	52.72 -0.23 0.00	57.92 0.52 0.00	58.89 0.82 0.00	73.86 2.41 0.00	81.66 2.39 0.00	89.99 1.31 0.00	111.63 0.23 0.00	164.74 0.30 0.00	253.03 -1.11 0.00	315.64 -0.77 0.00	181.31 1.25 0.00	121.97 -0.61 0.00	79.80 -0.30 0.00	90.76 -1.12 0.00
OZONE_PARK_ESR 323760	51.45 2.74 0.00	50.98 2.69 0.00	42.54 2.53 0.00	37.12 2.35 0.00	38.93 2.45 0.00	48.07 2.57 0.00	57.29 2.68 0.00	54.83 2.86 0.00	50.62 3.19 0.00	52.25 3.22 0.00	56.11 3.16 0.00	60.66 3.25 0.00	61.99 3.92 0.00	76.99 5.54 0.00	85.92 6.65 0.00	96.24 7.57 0.00	120.85 9.45 0.00	177.96 13.52 0.00	273.60 19.47 0.00	339.16 22.75 0.00	193.79 13.73 0.00	133.14 9.89 0.00	85.90 5.45 -0.67	96.73 4.85 -0.35
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	48.50 -0.21 0.00	47.96 -0.32 0.00	38.57 -1.44 0.00	33.84 -0.94 0.00	35.47 -1.01 0.00	44.02 -1.49 0.00	52.53 -2.09 0.00	49.56 -2.42 0.00	45.68 -1.75 0.00	48.40 -0.63 0.00	52.72 -0.23 0.00	57.92 0.52 0.00	58.89 0.82 0.00	73.86 2.41 0.00	81.66 2.39 0.00	89.99 1.31 0.00	111.63 0.23 0.00	164.74 0.30 0.00	253.03 -1.11 0.00	315.64 -0.77 0.00	181.31 1.25 0.00	121.97 -0.61 0.00	79.80 -0.30 0.00	90.76 -1.12 0.00
PACKARD___115KV_DUPONT_184 80571	48.50 -0.21 0.00	47.96 -0.32 0.00	38.57 -1.44 0.00	33.84 -0.94 0.00	35.47 -1.01 0.00	44.02 -1.49 0.00	52.53 -2.09 0.00	49.56 -2.42 0.00	45.68 -1.75 0.00	48.40 -0.63 0.00	52.72 -0.23 0.00	57.92 0.52 0.00	58.89 0.82 0.00	73.86 2.41 0.00	81.66 2.39 0.00	89.99 1.31 0.00	111.63 0.23 0.00	164.74 0.30 0.00	253.03 -1.11 0.00	315.64 -0.77 0.00	181.31 1.25 0.00	121.97 -0.61 0.00	79.80 -0.30 0.00	90.76 -1.12 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.96 2.25 0.00	50.54 2.26 0.00	42.25 2.24 0.00	36.83 2.06 0.00	38.63 2.15 0.00	47.65 2.14 0.00	56.77 2.16 0.00	54.38 2.40 0.00	50.23 2.79 0.00	51.74 2.71 0.00	55.53 2.58 0.00	59.99 2.60 0.00	61.29 3.22 0.00	76.05 4.59 0.00	84.79 5.51 0.00	95.00 6.32 0.00	119.17 7.77 -0.01	175.42 10.96 -0.01	269.59 15.45 -0.01	334.22 17.81 -0.01	191.00 10.92 -0.01	131.25 7.99 -0.68	84.67 4.22 -0.36	95.43 3.55 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.69 3.98 0.00	52.24 3.96 0.00	43.66 3.66 0.00	38.08 3.31 0.00	39.97 3.49 0.00	49.35 3.85 0.00	58.88 4.26 0.00	56.27 4.30 0.00	51.96 4.52 0.00	53.48 4.45 0.00	57.46 4.51 0.00	62.08 4.69 0.00	63.38 5.31 0.00	78.56 7.11 0.00	87.77 8.49 0.00	98.37 9.70 0.00	123.31 11.91 -0.01	181.45 17.00 -0.01	278.96 24.82 -0.01	346.15 29.73 -0.01	197.82 17.75 -0.01	135.92 12.66 -0.68	87.61 7.16 -0.36	98.83 6.94 -0.01
PATROON___115KV_TB1 80586	49.16 0.45 0.00	48.73 0.45 0.00	40.64 0.63 0.00	35.45 0.67 0.00	37.21 0.73 0.00	46.15 0.64 0.00	55.11 0.49 0.00	52.55 0.58 0.00	47.99 0.55 0.00	49.46 0.43 0.00	53.43 0.48 0.00	57.87 0.47 0.00	59.08 1.01 0.00	72.89 1.43 0.00	81.03 1.76 0.00	90.51 1.84 0.00	113.61 2.21 0.00	167.98 3.54 0.00	259.53 5.40 0.00	322.60 6.19 0.00	184.20 4.14 0.00	130.28 3.10 -4.61	82.86 1.47 -1.29	92.94 1.06 0.00
PATTRSNVILLE___SOLAR 323815	50.66 1.95 0.00	50.18 1.90 0.00	41.71 1.70 0.00	36.29 1.52 0.00	38.07 1.59 0.00	47.35 1.85 0.00	56.66 2.05 0.00	53.71 1.74 0.00	48.68 1.24 0.00	49.96 0.93 0.00	53.79 0.84 0.00	58.27 0.87 0.00	59.34 1.27 0.00	73.17 1.71 0.00	81.30 2.02 0.00	90.90 2.23 0.00	114.21 2.82 0.00	169.49 5.05 0.00	263.80 9.67 0.00	330.99 14.59 0.00	189.55 9.49 0.00	136.45 6.49 -7.37	85.88 3.79 -2.00	95.67 3.79 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	49.99 1.28 0.00	49.25 0.96 0.00	39.75 -0.26 0.00	34.85 0.08 0.00	36.51 0.03 0.00	45.35 -0.16 0.00	54.43 -0.18 0.00	51.55 -0.43 0.00	47.50 0.07 0.00	50.26 1.23 0.00	54.64 1.69 0.00	59.97 2.57 0.00	61.13 3.06 0.00	76.58 5.13 0.00	84.88 5.60 0.00	93.71 5.04 0.00	116.87 5.47 0.00	172.67 8.23 0.00	265.49 11.35 0.00	332.08 15.67 0.00	190.68 10.62 0.00	127.82 5.24 0.00	82.95 2.85 0.00	93.88 2.00 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.06 2.36 0.00	50.54 2.26 0.00	42.12 2.11 0.00	36.75 1.97 0.00	38.54 2.05 0.00	47.69 2.18 0.00	56.90 2.29 0.00	54.40 2.43 0.00	50.04 2.60 0.00	51.72 2.69 0.00	55.72 2.77 0.00	60.35 2.96 0.00	61.73 3.66 0.00	76.70 5.25 0.00	85.51 6.24 0.00	95.77 7.10 0.00	120.43 9.03 0.00	177.70 13.25 0.00	273.42 19.29 0.00	339.24 22.82 0.00	193.66 13.59 0.00	132.82 9.54 -0.70	85.29 5.19 0.00	96.51 4.63 0.00
PEEKSKILL___ 23653	50.58 1.86 0.00	50.06 1.77 0.00	41.74 1.73 0.00	36.43 1.66 0.00	38.21 1.73 0.00	47.23 1.72 0.00	56.30 1.68 0.00	53.83 1.85 0.00	49.55 2.11 0.00	51.17 2.14 0.00	55.03 2.09 0.00	59.50 2.10 0.00	60.76 2.70 0.00	75.43 3.98 0.00	84.12 4.85 0.00	94.20 5.52 0.00	118.28 6.89 0.00	174.29 9.84 0.00	268.09 13.96 0.00	332.54 16.13 0.00	190.11 10.05 0.00	130.62 7.37 -0.67	84.25 3.81 -0.34	95.03 3.15 0.00
PGE MADISON___WINDPWR 24146	53.24 4.53 0.00	52.61 4.33 0.00	43.44 3.43 0.00	37.89 3.11 0.00	39.80 3.32 0.00	49.54 4.04 0.00	59.79 5.18 0.00	56.70 4.72 0.00	51.52 4.08 0.00	53.37 4.34 0.00	57.19 4.24 0.00	62.27 4.87 0.00	63.56 5.49 0.00	78.56 7.11 0.00	87.48 8.20 0.00	97.24 8.56 0.00	122.68 11.29 0.00	182.03 17.59 0.00	284.07 29.85 -0.09	359.14 41.83 -0.90	205.09 24.68 -0.34	140.14 15.86 -1.70	89.27 9.02 -0.15	101.03 8.88 -0.27

PIERCEFIELD___HYD 23852	49.28 0.56 0.00	48.71 0.43 0.00	40.16 0.15 0.00	34.70 -0.08 0.00	36.08 -0.40 0.00	45.38 -0.12 0.00	54.96 0.35 0.00	51.79 -0.18 0.00	46.75 -0.69 0.00	48.02 -1.01 0.00	52.02 -0.93 0.00	56.18 -1.22 0.00	56.17 -1.90 0.00	68.53 -2.92 0.00	75.88 -3.40 0.00	84.69 -3.98 0.00	106.63 -4.76 0.00	157.89 -6.55 0.00	245.55 -8.62 -0.03	307.52 -9.22 -0.34	174.57 -5.62 -0.13	119.32 -3.74 -0.47	78.69 -1.47 -0.06	92.18 0.20 -0.10
PINELAWN_CC_1 323563	50.27 1.56 0.00	49.86 1.58 0.00	41.52 1.52 0.00	36.21 1.43 0.00	37.98 1.50 0.00	46.84 1.34 0.00	55.42 0.80 0.00	52.97 1.00 0.00	28.57 1.29 20.16	30.57 1.35 19.81	53.85 1.43 0.53	57.06 0.79 1.13	59.09 1.65 0.63	74.25 2.81 0.00	82.81 3.53 0.00	93.27 4.61 0.01	117.30 5.91 0.01	171.61 8.36 1.19	263.53 11.37 1.97	204.45 12.24 124.20	117.35 7.92 70.63	98.17 6.52 30.94	72.23 2.80 10.66	94.27 2.39 0.00
PJM_GEN_HTTP_PROXY 323702	50.87 2.16 0.00	50.40 2.11 0.00	42.09 2.08 0.00	36.73 1.95 0.00	38.52 2.04 0.00	47.59 2.09 0.00	54.70 2.06 1.98	52.67 2.26 1.56	51.42 2.60 -1.38	51.66 2.63 0.00	55.48 2.53 0.00	59.95 2.55 0.00	61.24 3.17 0.00	76.05 4.60 0.00	84.84 5.57 0.00	95.06 6.39 0.00	119.31 7.91 0.00	175.64 11.19 0.00	270.06 15.93 0.00	334.61 18.20 0.00	191.22 11.15 0.00	131.36 8.11 -0.67	84.11 4.29 0.28	97.66 3.60 -2.18
PJM_GEN_KEystone 24065	49.72 1.01 0.00	49.06 0.78 0.00	40.45 0.44 0.00	35.41 0.63 0.00	37.14 0.66 0.00	43.18 0.42 2.75	58.17 0.38 -3.17	50.78 0.36 1.56	49.52 0.70 -1.38	50.59 1.14 -0.42	53.99 1.04 0.00	58.63 1.23 0.00	59.89 1.82 0.00	74.47 3.02 0.00	82.80 3.53 0.00	92.04 3.36 0.00	114.91 3.76 0.24	169.37 4.93 0.00	259.70 6.21 0.64	303.72 8.35 21.04	185.58 6.23 0.71	127.09 4.09 -0.43	75.86 1.87 6.11	95.08 1.02 -2.18
PJM_GEN_NEPTUNE_PROXY 323594	50.27 1.56 0.00	49.85 1.57 0.00	41.53 1.52 0.00	36.23 1.45 0.00	38.01 1.53 0.00	46.88 1.38 0.00	53.52 0.89 1.99	51.47 1.06 1.56	26.62 1.40 22.22	27.30 1.47 23.20	53.87 1.55 0.62	57.39 1.31 1.32	59.38 2.05 0.73	74.64 3.19 0.00	83.31 4.04 0.00	93.59 4.94 0.02	117.41 6.05 0.03	172.40 8.49 0.54	265.62 11.49 0.00	184.73 12.74 144.42	102.78 7.98 85.26	81.36 6.61 47.83	66.01 3.02 17.11	96.43 2.37 -2.18
PJM_GEN_VFT_PROXY 323633	50.58 1.87 0.00	50.15 1.87 0.00	41.93 1.92 0.00	36.59 1.82 0.00	38.38 1.90 0.00	47.38 1.88 0.00	54.41 1.77 1.98	52.40 1.98 1.56	51.20 2.38 -1.38	51.39 2.36 0.00	55.11 2.16 0.00	59.55 2.15 0.00	60.82 2.75 0.00	75.53 4.08 0.00	84.28 5.01 0.00	94.43 5.76 0.00	114.96 7.07 3.51	174.33 9.94 0.05	258.94 13.94 9.13	327.24 15.70 4.87	179.59 9.68 10.16	130.47 7.22 -0.67	83.59 3.77 0.28	97.07 3.02 -2.18
PLATSBURG_115KV_PMLD1 355749	48.56 -0.15 0.00	48.12 -0.17 0.00	39.64 -0.37 0.00	34.41 -0.36 0.00	36.07 -0.41 0.00	45.05 -0.45 0.00	54.03 -0.59 0.00	51.52 -0.45 0.00	47.08 -0.36 0.00	48.56 -0.47 0.00	52.60 -0.35 0.00	56.90 -0.50 0.00	56.99 -1.08 0.00	69.95 -1.50 0.00	77.58 -1.70 0.00	87.21 -1.46 0.00	109.90 -1.49 0.00	162.66 -1.78 0.00	251.83 -2.30 0.00	314.32 -2.09 0.00	177.48 -2.59 0.00	120.72 -1.86 0.00	79.18 -0.92 0.00	91.66 -0.22 0.00
PLEASANTVLY___LBMP 24000	50.19 1.48 0.00	49.72 1.44 0.00	41.49 1.48 0.00	36.20 1.43 0.00	37.97 1.49 0.00	46.98 1.47 0.00	56.01 1.40 0.00	53.49 1.51 0.00	49.13 1.70 0.00	50.71 1.67 0.00	54.64 1.70 0.00	59.08 1.69 0.00	60.36 2.29 0.00	74.82 3.36 0.00	83.37 4.10 0.00	93.26 4.59 0.00	117.13 5.73 0.00	172.70 8.26 0.00	265.86 11.73 0.00	330.03 13.62 0.00	188.65 8.59 0.00	129.61 6.31 -0.71	83.73 3.22 -0.41	94.52 2.64 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.56 1.85 0.00	50.09 1.81 0.00	41.78 1.77 0.00	36.45 1.67 0.00	38.23 1.75 0.00	47.29 1.78 0.00	56.36 1.75 0.00	53.86 1.89 0.00	49.56 2.12 0.00	51.17 2.14 0.00	55.10 2.15 0.00	59.59 2.19 0.00	60.91 2.84 0.00	75.59 4.14 0.00	84.26 4.99 0.00	94.33 5.65 0.00	118.48 7.08 0.00	174.67 10.23 0.00	268.66 14.53 0.00	333.33 16.92 0.00	190.50 10.44 0.00	130.82 7.56 -0.68	84.39 3.93 -0.36	95.21 3.33 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.56 1.85 0.00	50.09 1.81 0.00	41.78 1.77 0.00	36.45 1.67 0.00	38.23 1.75 0.00	47.29 1.78 0.00	56.36 1.75 0.00	53.86 1.89 0.00	49.56 2.12 0.00	51.17 2.14 0.00	55.10 2.15 0.00	59.59 2.19 0.00	60.91 2.84 0.00	75.59 4.14 0.00	84.26 4.99 0.00	94.33 5.65 0.00	118.48 7.08 0.00	174.67 10.23 0.00	268.66 14.53 0.00	333.33 16.92 0.00	190.50 10.44 0.00	130.82 7.56 -0.68	84.39 3.93 -0.36	95.21 3.33 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.75 2.04 0.00	50.24 1.96 0.00	41.87 1.86 0.00	36.53 1.75 0.00	38.32 1.84 0.00	47.43 1.93 0.00	56.61 1.99 0.00	54.08 2.10 0.00	49.69 2.25 0.00	51.32 2.29 0.00	55.32 2.37 0.00	59.86 2.47 0.00	61.22 3.15 0.00	75.97 4.52 0.00	84.73 5.46 0.00	94.90 6.22 0.00	119.42 8.03 0.00	176.24 11.79 0.00	271.41 17.28 20.43	336.84 20.43 0.00	192.37 12.31 0.00	132.02 8.68 -0.76	85.12 4.63 -0.40	96.00 4.12 0.00
POLETTI___ 23519	50.81 2.09 0.00	50.35 2.06 0.00	42.05 2.04 0.00	36.70 1.92 0.00	38.48 2.00 0.00	47.52 2.02 0.00	56.59 1.98 0.00	54.15 2.18 0.00	50.00 2.56 0.00	51.60 2.57 0.00	55.39 2.44 0.00	59.85 2.45 0.00	61.16 3.09 0.00	75.93 4.48 0.00	84.74 5.47 0.00	94.96 6.29 0.00	119.16 7.77 0.00	175.45 11.01 0.00	269.58 15.45 0.00	334.15 17.75 0.00	190.88 10.82 0.00	131.17 7.92 -0.67	84.62 4.18 -0.35	95.31 3.43 0.00
POMONA___ESR 323819	50.60 1.89 0.00	50.05 1.77 0.00	41.71 1.70 0.00	36.42 1.64 0.00	38.19 1.71 0.00	47.18 1.68 0.00	56.27 1.65 0.00	53.83 1.85 0.00	49.55 2.12 0.00	51.19 2.16 0.00	55.07 2.12 0.00	59.58 2.18 0.00	60.85 2.78 0.00	75.55 4.10 0.00	84.29 5.01 0.00	94.37 5.70 0.00	118.48 7.08 0.00	174.51 10.06 0.00	268.36 14.23 0.00	332.88 16.47 0.00	190.28 10.21 0.00	130.73 7.50 -0.65	83.95 3.86 0.00	95.08 3.20 0.00
PORT_JEFF_3 23555	50.32 1.61 0.00	49.95 1.66 0.00	41.61 1.61 0.00	36.27 1.50 0.00	38.06 1.58 0.00	46.88 1.37 0.00	55.35 0.73 0.00	52.82 0.85 0.00	26.56 1.25 22.13	28.65 1.37 21.74	54.00 1.64 0.58	57.20 1.03 1.24	59.40 2.02 0.69	74.63 3.18 0.00	83.38 4.11 0.00	93.92 5.26 0.01	124.39 6.73 -6.27	172.41 9.51 1.54	264.28 12.29 2.15	189.52 12.74 139.63	106.93 8.83 81.97	88.80 7.18 40.97	69.15 3.17 14.12	94.41 2.54 0.00
PORT_JEFF_4 23616	50.32 1.61 0.00	49.95 1.66 0.00	41.61 1.61 0.00	36.27 1.50 0.00	38.06 1.58 0.00	46.88 1.37 0.00	55.35 0.73 0.00	52.82 0.85 0.00	26.56 1.25 22.13	28.65 1.37 21.74	54.00 1.64 0.58	57.20 1.03 1.24	59.40 2.02 0.69	74.63 3.18 0.00	83.38 4.11 0.00	93.92 5.26 0.01	124.39 6.73 -6.27	172.41 9.51 1.54	264.28 12.29 2.15	189.52 12.74 139.63	106.93 8.83 81.97	88.80 7.18 40.97	69.15 3.17 14.12	94.41 2.54 0.00

PORT_JEFF_IC 23713	50.40 1.69 0.00	50.03 1.75 0.00	41.68 1.67 0.00	36.33 1.55 0.00	38.10 1.61 0.00	46.93 1.42 0.00	55.43 0.82 0.00	52.92 0.94 0.00	26.75 1.35 22.04	28.84 1.47 21.66	54.15 1.78 0.58	57.34 1.17 1.23	59.61 2.23 0.69	74.92 3.47 0.00	83.72 4.45 0.00	94.34 5.68 0.01	129.14 6.98 -10.76	172.54 9.67 1.57	264.69 12.60 2.05	188.98 13.18 140.60	106.46 9.04 82.65	89.47 7.53 40.65	69.54 3.45 14.01	94.66 2.78 0.00
PPL PILGRIM_ST_GT1 24216	50.83 2.12 0.00	50.47 2.19 0.00	42.04 2.02 0.00	36.64 1.86 0.00	38.43 1.94 0.00	47.36 1.85 0.00	55.96 1.34 0.00	53.38 1.41 0.00	27.45 1.72 21.70	29.52 1.81 21.33	54.50 2.12 0.57	57.88 1.69 1.21	59.99 2.60 0.68	75.17 3.72 0.00	83.87 4.60 0.00	94.50 5.84 0.01	118.91 7.53 0.02	171.87 10.16 2.74	262.15 13.05 5.03	192.85 14.49 138.04	109.27 10.40 81.20	91.46 8.17 39.29	70.36 3.80 13.54	95.32 3.44 0.00
PPL PILGRIM_ST_GT2 24217	50.83 2.12 0.00	50.47 2.19 0.00	42.04 2.02 0.00	36.64 1.86 0.00	38.43 1.94 0.00	47.36 1.85 0.00	55.96 1.34 0.00	53.38 1.41 0.00	27.45 1.72 21.70	29.52 1.81 21.33	54.50 2.12 0.57	57.88 1.69 1.21	59.99 2.60 0.68	75.17 3.72 0.00	83.87 4.60 0.00	94.50 5.84 0.01	118.91 7.53 0.02	171.87 10.16 2.74	262.15 13.05 5.03	192.85 14.49 138.04	109.27 10.40 81.20	91.46 8.17 39.29	70.36 3.80 13.54	95.32 3.44 0.00
PPL_SHRM_GT3 24213	49.94 1.23 0.00	49.53 1.25 0.00	41.27 1.26 0.00	35.97 1.19 0.00	37.74 1.26 0.00	46.50 0.99 0.00	54.96 0.35 0.00	52.51 0.54 0.00	26.13 0.78 22.08	28.24 0.92 21.70	53.57 1.20 0.58	56.77 0.61 1.23	59.03 1.65 0.69	74.30 2.85 0.00	83.06 3.79 0.00	93.50 4.84 0.01	125.48 6.93 -7.14	173.06 10.18 1.56	264.98 13.00 2.15	189.88 13.18 139.70	107.31 9.28 82.03	89.18 7.41 40.81	69.11 3.08 14.07	94.23 2.35 0.00
PPL_SHRM_GT4 24214	49.94 1.23 0.00	49.53 1.25 0.00	41.27 1.26 0.00	35.97 1.19 0.00	37.74 1.26 0.00	46.50 0.99 0.00	54.96 0.35 0.00	52.51 0.54 0.00	26.13 0.78 22.08	28.24 0.92 21.70	53.57 1.20 0.58	56.77 0.61 1.23	59.03 1.65 0.69	74.30 2.85 0.00	83.06 3.79 0.00	93.50 4.84 0.01	125.48 6.93 -7.14	173.06 10.18 1.56	264.98 13.00 2.15	189.88 13.18 139.70	107.31 9.28 82.03	89.18 7.41 40.81	69.11 3.08 14.07	94.23 2.35 0.00
PROJECT___ORANGE 1 24174	48.63 -0.08 0.00	48.12 -0.17 0.00	39.76 -0.25 0.00	34.62 -0.16 0.00	36.32 -0.16 0.00	45.21 -0.30 0.00	54.37 -0.34 -0.09	51.62 -0.37 -0.02	47.20 -0.24 0.00	49.00 -0.03 0.00	52.99 0.03 0.00	57.66 0.26 0.00	58.70 0.63 0.00	72.59 1.14 0.00	80.60 1.33 0.00	89.86 1.19 0.00	112.70 1.30 0.00	166.26 1.82 0.00	257.26 3.00 -0.12	322.06 4.46 -1.19	183.58 3.06 -0.45	125.89 1.64 -1.68	80.93 0.63 -0.20	92.20 -0.05 -0.36
PROJECT___ORANGE 2 24166	48.63 -0.08 0.00	48.12 -0.17 0.00	39.76 -0.25 0.00	34.62 -0.16 0.00	36.32 -0.16 0.00	45.21 -0.30 0.00	54.37 -0.34 -0.09	51.62 -0.37 -0.02	47.20 -0.24 0.00	49.00 -0.03 0.00	52.99 0.03 0.00	57.66 0.26 0.00	58.70 0.63 0.00	72.59 1.14 0.00	80.60 1.33 0.00	89.86 1.19 0.00	112.70 1.30 0.00	166.26 1.82 0.00	257.26 3.00 -0.12	322.06 4.46 -1.19	183.58 3.06 -0.45	125.89 1.64 -1.68	80.93 0.63 -0.20	92.20 -0.05 -0.36
PUCKETT___SOLAR 323809	50.26 1.55 0.00	49.81 1.53 0.00	41.16 1.15 0.00	35.90 1.12 0.00	37.68 1.20 0.00	46.82 1.32 0.00	56.36 1.74 0.00	53.32 1.34 0.00	48.62 1.18 0.00	50.43 1.40 0.00	54.13 1.18 0.00	58.55 1.15 0.00	59.81 1.74 0.00	73.89 2.44 0.00	82.08 2.81 0.00	91.28 2.61 0.00	114.86 3.47 0.00	170.08 5.64 0.00	264.15 9.93 -0.09	332.86 15.62 -0.83	190.41 10.03 -0.32	130.43 6.31 -1.54	83.55 3.31 -0.14	94.97 2.84 -0.25
PYRITES___HYD 24023	50.21 1.50 0.00	49.65 1.37 0.00	40.91 0.89 0.00	35.34 0.57 0.00	36.85 0.36 0.00	46.41 0.91 0.00	56.19 1.57 0.00	52.97 0.99 0.00	47.53 0.09 0.00	48.63 -0.40 0.00	52.61 -0.34 0.00	56.87 -0.53 0.00	56.82 -1.25 0.00	69.32 -2.13 0.00	76.76 -2.51 0.00	85.85 -2.82 0.00	108.07 -3.32 0.00	160.53 -3.92 0.00	250.78 -3.35 0.00	315.44 -0.97 0.00	179.71 -0.36 0.00	122.41 -0.17 0.00	80.80 0.70 0.00	94.33 2.45 0.00
QUAKERRD_115KV_BK1 80622	48.64 -0.07 0.00	48.03 -0.26 0.00	39.23 -0.78 0.00	34.24 -0.54 0.00	35.90 -0.58 0.00	44.67 -0.84 0.00	53.60 -1.01 0.00	50.94 -1.03 0.00	46.75 -0.68 0.00	48.98 -0.05 0.00	53.16 0.21 0.00	58.24 0.84 0.00	59.25 1.18 0.00	73.85 2.40 0.00	81.93 2.66 0.00	90.96 2.29 0.00	113.47 2.08 0.00	167.30 2.85 0.00	258.24 4.11 0.00	322.39 5.98 0.00	184.26 4.20 0.00	124.45 1.87 0.00	80.89 0.79 0.00	91.85 -0.03 0.00
QUENSBRY_115KV_TB8 356137	52.21 3.50 0.00	51.59 3.31 0.00	42.78 2.77 0.00	37.40 2.62 0.00	39.29 2.81 0.00	48.81 3.30 0.00	58.44 3.82 0.00	55.42 3.44 0.00	50.66 3.22 0.00	52.10 3.07 0.00	55.55 2.60 0.00	60.06 2.66 0.00	61.67 3.60 0.00	76.34 4.89 0.00	84.94 5.67 0.00	95.77 7.09 0.00	119.79 8.40 0.00	178.27 13.82 0.00	277.74 23.61 0.00	346.45 30.04 0.00	198.66 18.59 0.00	141.80 12.25 -6.96	89.86 6.51 -3.26	98.82 6.94 0.00
RAMAPO___LBMP 323565	50.40 1.68 0.00	49.83 1.55 0.00	41.53 1.52 0.00	36.26 1.48 0.00	38.02 1.54 0.00	46.96 1.46 0.00	56.05 1.43 0.00	53.60 1.63 0.00	49.32 1.88 0.00	50.93 1.90 0.00	54.76 1.81 0.00	59.23 1.83 0.00	60.46 2.39 0.00	75.03 3.58 0.00	83.68 4.41 0.00	93.67 4.99 0.00	117.54 6.15 0.00	173.15 8.71 0.00	266.36 12.23 0.00	330.46 14.05 0.00	189.02 8.96 0.00	129.92 6.70 -0.64	83.48 3.39 0.00	94.55 2.67 0.00
RANKINE____ 23646	50.09 1.38 0.00	49.41 1.13 0.00	39.81 -0.20 0.00	34.89 0.11 0.00	36.56 0.08 0.00	45.40 -0.10 0.00	54.48 -0.13 0.00	51.51 -0.46 0.00	47.44 0.00 0.00	50.20 1.17 0.00	54.60 1.66 0.00	59.97 2.57 0.00	61.09 3.02 0.00	76.54 5.09 0.00	84.80 5.52 0.00	93.53 4.86 0.00	116.47 5.08 0.00	171.97 7.53 0.00	264.53 10.40 0.00	330.92 14.51 0.00	190.10 10.04 0.00	127.62 5.04 0.00	82.91 2.82 0.00	93.97 2.09 0.00
RAVENSWOOD_GT2_1 24244	50.90 2.19 0.00	50.45 2.16 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.62 2.11 0.00	56.71 2.09 0.00	54.25 2.28 0.00	50.08 2.64 0.00	51.69 2.66 0.00	55.50 2.55 0.00	59.97 2.57 0.00	61.26 3.20 0.00	76.07 4.61 0.00	84.86 5.58 0.00	95.08 6.41 0.00	119.32 7.92 0.00	175.74 11.29 0.00	270.10 15.97 0.00	334.80 18.39 0.00	191.30 11.24 0.00	131.46 8.21 -0.67	84.79 4.34 -0.35	95.54 3.65 0.00
RAVENSWOOD_GT2_2 24245	50.90 2.19 0.00	50.45 2.16 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.56 2.08 0.00	47.62 2.11 0.00	56.71 2.09 0.00	54.25 2.28 0.00	50.08 2.64 0.00	51.69 2.66 0.00	55.50 2.55 0.00	59.97 2.57 0.00	61.26 3.20 0.00	76.07 4.61 0.00	84.86 5.58 0.00	95.08 6.41 0.00	119.32 7.92 0.00	175.74 11.29 0.00	270.10 15.97 0.00	334.80 18.39 0.00	191.30 11.24 0.00	131.46 8.21 -0.67	84.79 4.34 -0.35	95.54 3.65 0.00

RAVENSWOOD_GT2_3 24246	50.94 2.23 0.00	50.49 2.20 0.00	42.15 2.14 0.00	36.79 2.01 0.00	38.60 2.12 0.00	47.65 2.15 0.00	56.74 2.13 0.00	54.29 2.32 0.00	50.12 2.68 0.00	51.72 2.69 0.00	55.53 2.59 0.00	60.02 2.62 0.00	61.31 3.24 0.00	76.13 4.68 0.00	84.93 5.66 0.00	95.15 6.48 0.00	119.42 8.02 0.00	175.86 11.41 0.00	270.33 16.19 0.00	335.08 18.67 0.00	191.46 11.39 0.00	131.56 8.30 -0.67	84.86 4.41 -0.35	95.61 3.73 0.00
RAVENSWOOD_GT2_4 24247	50.94 2.23 0.00	50.49 2.20 0.00	42.15 2.14 0.00	36.79 2.01 0.00	38.60 2.12 0.00	47.65 2.15 0.00	56.74 2.13 0.00	54.29 2.32 0.00	50.12 2.68 0.00	51.72 2.69 0.00	55.53 2.59 0.00	60.02 2.62 0.00	61.31 3.24 0.00	76.13 4.68 0.00	84.93 5.66 0.00	95.15 6.48 0.00	119.42 8.02 0.00	175.86 11.41 0.00	270.33 16.19 0.00	335.08 18.67 0.00	191.46 11.39 0.00	131.56 8.30 -0.67	84.86 4.41 -0.35	95.61 3.73 0.00
RAVENSWOOD_GT3_1 24248	50.90 2.19 0.00	50.45 2.16 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.57 2.08 0.00	47.62 2.11 0.00	56.71 2.09 0.00	54.25 2.28 0.00	50.08 2.64 0.00	51.69 2.66 0.00	55.50 2.55 0.00	59.97 2.57 0.00	61.26 3.20 0.00	76.07 4.62 0.00	84.86 5.59 0.00	95.08 6.41 0.00	119.32 7.93 0.00	175.74 11.29 0.00	270.10 15.97 0.00	334.82 18.41 0.00	191.30 11.24 0.00	131.46 8.21 -0.67	84.80 4.35 -0.35	95.54 3.66 0.00
RAVENSWOOD_GT3_2 24249	50.90 2.19 0.00	50.45 2.16 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.57 2.08 0.00	47.62 2.11 0.00	56.71 2.09 0.00	54.25 2.28 0.00	50.08 2.64 0.00	51.69 2.66 0.00	55.50 2.55 0.00	59.97 2.57 0.00	61.26 3.20 0.00	76.07 4.62 0.00	84.86 5.59 0.00	95.08 6.41 0.00	119.32 7.93 0.00	175.74 11.29 0.00	270.10 15.97 0.00	334.82 18.41 0.00	191.30 11.24 0.00	131.46 8.21 -0.67	84.80 4.35 -0.35	95.54 3.66 0.00
RAVENSWOOD_GT3_3 24250	51.01 2.30 0.00	50.55 2.27 0.00	42.21 2.20 0.00	36.84 2.06 0.00	38.64 2.16 0.00	47.71 2.21 0.00	56.83 2.22 0.00	54.39 2.41 0.00	50.20 2.76 0.00	51.81 2.78 0.00	55.64 2.69 0.00	60.13 2.73 0.00	61.42 3.36 0.00	76.27 4.82 0.00	85.09 5.82 0.00	95.33 6.66 0.00	119.64 8.25 0.00	176.21 11.76 0.00	270.84 16.70 0.00	335.71 19.30 0.00	191.81 11.75 0.00	131.79 8.53 -0.67	85.01 4.56 -0.35	95.78 3.90 0.00
RAVENSWOOD_GT3_4 24251	51.01 2.30 0.00	50.55 2.27 0.00	42.21 2.20 0.00	36.84 2.06 0.00	38.64 2.16 0.00	47.71 2.21 0.00	56.83 2.22 0.00	54.39 2.41 0.00	50.20 2.76 0.00	51.81 2.78 0.00	55.64 2.69 0.00	60.13 2.73 0.00	61.42 3.36 0.00	76.27 4.82 0.00	85.09 5.82 0.00	95.33 6.66 0.00	119.64 8.25 0.00	176.21 11.76 0.00	270.84 16.70 0.00	335.71 19.30 0.00	191.81 11.75 0.00	131.79 8.53 -0.67	85.01 4.56 -0.35	95.78 3.90 0.00
RAVENSWOOD_GT_1 23729	50.82 2.11 0.00	50.46 2.18 0.00	42.19 2.18 0.00	36.81 2.04 0.00	38.62 2.14 0.00	47.64 2.14 0.00	56.67 2.05 0.00	54.22 2.24 0.00	50.16 2.73 0.00	51.70 2.67 0.00	55.44 2.49 0.00	59.84 2.44 0.00	61.13 3.07 0.00	75.89 4.44 0.00	84.63 5.36 0.00	94.82 6.15 0.00	118.99 7.60 0.01	175.15 10.71 0.01	255.70 15.11 13.55	319.16 17.23 14.48	159.78 10.59 30.88	109.30 7.76 21.04	72.63 4.06 11.53	85.66 3.34 9.55
RAVENSWOOD_GT_10 24258	50.92 2.20 0.00	50.46 2.17 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.57 2.08 0.00	47.62 2.12 0.00	56.72 2.10 0.00	54.27 2.30 0.00	50.08 2.64 0.00	51.70 2.67 0.00	55.52 2.57 0.00	59.97 2.57 0.00	61.29 3.23 0.00	76.09 4.64 0.00	84.89 5.62 0.00	95.10 6.43 0.00	119.35 7.96 0.00	175.78 11.34 0.00	268.76 16.07 1.44	333.46 18.50 1.44	188.30 11.32 3.08	129.47 8.25 1.36	83.72 4.38 0.76	94.68 3.70 0.89
RAVENSWOOD_GT_11 24259	50.92 2.20 0.00	50.46 2.17 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.57 2.08 0.00	47.62 2.12 0.00	56.72 2.10 0.00	54.27 2.30 0.00	50.08 2.64 0.00	51.70 2.67 0.00	55.52 2.57 0.00	59.97 2.57 0.00	61.29 3.23 0.00	76.09 4.64 0.00	84.89 5.62 0.00	95.10 6.43 0.00	119.35 7.96 0.00	175.78 11.34 0.00	268.76 16.07 1.44	333.46 18.50 1.44	188.30 11.32 3.08	129.47 8.25 1.36	83.72 4.38 0.76	94.68 3.70 0.89
RAVENSWOOD_GT_4 24252	50.96 2.25 0.00	50.48 2.20 0.00	42.13 2.12 0.00	36.78 2.00 0.00	38.58 2.10 0.00	47.64 2.13 0.00	56.76 2.14 0.00	54.30 2.32 0.00	50.09 2.66 0.00	51.73 2.70 0.00	55.56 2.62 0.00	60.02 2.63 0.00	61.35 3.28 0.00	76.17 4.72 0.00	84.98 5.71 0.00	95.20 6.53 0.00	119.49 8.10 0.01	175.97 11.53 0.01	260.23 16.41 10.32	324.33 18.95 11.02	168.06 11.51 23.51	115.11 8.39 15.86	75.88 4.47 8.69	88.41 3.81 7.27
RAVENSWOOD_GT_5 24254	50.96 2.25 0.00	50.48 2.20 0.00	42.13 2.12 0.00	36.78 2.00 0.00	38.58 2.10 0.00	47.64 2.13 0.00	56.76 2.14 0.00	54.30 2.32 0.00	50.09 2.66 0.00	51.73 2.70 0.00	55.56 2.62 0.00	60.02 2.63 0.00	61.35 3.28 0.00	76.17 4.72 0.00	84.98 5.71 0.00	95.20 6.53 0.00	119.49 8.10 0.01	175.97 11.53 0.01	260.23 16.41 10.32	324.33 18.95 11.02	168.06 11.51 23.51	115.11 8.39 15.86	75.88 4.47 8.69	88.41 3.81 7.27
RAVENSWOOD_GT_6 24253	50.96 2.25 0.00	50.48 2.20 0.00	42.13 2.12 0.00	36.78 2.00 0.00	38.58 2.10 0.00	47.64 2.13 0.00	56.76 2.14 0.00	54.30 2.32 0.00	50.09 2.66 0.00	51.73 2.70 0.00	55.56 2.62 0.00	60.02 2.63 0.00	61.35 3.28 0.00	76.17 4.72 0.00	84.98 5.71 0.00	95.20 6.53 0.00	119.49 8.10 0.01	175.97 11.53 0.01	260.23 16.41 10.32	324.33 18.95 11.02	168.06 11.51 23.51	115.11 8.39 15.86	75.88 4.47 8.69	88.41 3.81 7.27
RAVENSWOOD_GT_7 24255	50.96 2.25 0.00	50.48 2.20 0.00	42.13 2.12 0.00	36.78 2.00 0.00	38.58 2.10 0.00	47.64 2.13 0.00	56.76 2.14 0.00	54.30 2.32 0.00	50.09 2.66 0.00	51.73 2.70 0.00	55.56 2.62 0.00	60.02 2.63 0.00	61.35 3.28 0.00	76.17 4.72 0.00	84.98 5.71 0.00	95.20 6.53 0.00	119.49 8.10 0.01	175.97 11.53 0.01	260.23 16.41 10.32	324.33 18.95 11.02	168.06 11.51 23.51	115.11 8.39 15.86	75.88 4.47 8.69	88.41 3.81 7.27
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.92 2.20 0.00	50.46 2.17 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.57 2.08 0.00	47.62 2.12 0.00	56.72 2.10 0.00	54.27 2.30 0.00	50.08 2.64 0.00	51.70 2.67 0.00	55.52 2.57 0.00	59.97 2.57 0.00	61.29 3.23 0.00	76.09 4.64 0.00	84.89 5.62 0.00	95.10 6.43 0.00	119.35 7.96 0.00	175.78 11.34 0.00	268.76 16.07 1.44	333.46 18.50 1.44	188.30 11.32 3.08	129.47 8.25 1.36	83.72 4.38 0.76	94.68 3.70 0.89
RAVENSWOOD_GT_9 24257	50.92 2.20 0.00	50.46 2.17 0.00	42.13 2.12 0.00	36.77 1.99 0.00	38.57 2.08 0.00	47.62 2.12 0.00	56.72 2.10 0.00	54.27 2.30 0.00	50.08 2.64 0.00	51.70 2.67 0.00	55.52 2.57 0.00	59.97 2.57 0.00	61.29 3.23 0.00	76.09 4.64 0.00	84.89 5.62 0.00	95.10 6.43 0.00	119.35 7.96 0.00	175.78 11.34 0.00	268.76 16.07 1.44	333.46 18.50 1.44	188.30 11.32 3.08	129.47 8.25 1.36	83.72 4.38 0.76	94.68 3.70 0.89

RAVENSWOOD___1 23533	50.78 2.07 0.00	50.42 2.13 0.00	42.16 2.15 0.00	36.79 2.01 0.00	38.59 2.11 0.00	47.62 2.12 0.00	56.62 2.01 0.00	54.18 2.20 0.00	50.13 2.70 0.00	51.65 2.62 0.00	55.40 2.45 0.00	59.80 2.40 0.00	61.08 3.01 0.00	75.83 4.37 0.00	84.57 5.30 0.00	94.77 6.10 0.00	118.89 7.50 0.01	175.06 10.62 0.01	251.81 14.92 17.24	314.01 17.10 19.50	148.87 10.46 41.65	100.05 7.67 30.20	67.57 4.00 16.54	81.57 3.28 13.58
RAVENSWOOD___2 23534	50.39 1.68 0.00	50.19 1.91 0.00	42.07 2.06 0.00	36.70 1.92 0.00	38.49 2.01 0.00	47.49 1.99 0.00	56.33 1.72 0.00	53.81 1.84 0.00	49.92 2.48 0.00	51.40 2.37 0.00	54.95 2.00 0.00	59.27 1.88 0.00	60.55 2.48 0.00	75.17 3.72 0.00	83.85 4.57 0.00	93.97 5.29 0.00	117.89 6.50 0.01	173.55 9.11 0.01	249.45 12.65 17.34	311.03 14.26 19.64	146.93 8.81 41.94	98.70 6.57 30.45	66.72 3.29 16.67	80.67 2.48 13.69
RAVENSWOOD___3 23535	50.91 2.20 0.00	50.45 2.17 0.00	42.14 2.13 0.00	36.77 1.99 0.00	38.57 2.09 0.00	47.64 2.13 0.00	56.72 2.10 0.00	54.26 2.29 0.00	50.08 2.65 0.00	51.70 2.67 0.00	55.50 2.55 0.00	59.97 2.57 0.00	61.27 3.21 0.00	76.07 4.62 0.00	84.87 5.60 0.00	95.09 6.41 0.00	119.33 7.94 0.00	175.76 11.31 0.00	270.11 15.98 0.00	334.87 18.46 0.00	191.29 11.23 0.00	131.46 8.20 -0.67	84.80 4.35 -0.35	95.55 3.67 0.00
RAVENSWOOD___4 23820	50.73 2.02 0.00	50.39 2.10 0.00	42.12 2.12 0.00	36.76 1.98 0.00	38.56 2.08 0.00	47.58 2.07 0.00	56.57 1.96 0.00	54.14 2.17 0.00	50.08 2.65 0.00	51.61 2.58 0.00	55.35 2.40 0.00	59.76 2.37 0.00	61.03 2.97 0.00	75.77 4.32 0.00	84.52 5.25 0.00	94.71 6.03 0.00	118.83 7.44 0.01	174.96 10.53 0.01	247.92 14.77 20.98	308.69 16.88 24.60	137.83 10.34 52.57	90.69 7.59 39.48	62.44 3.95 21.62	77.45 3.24 17.67
RCPL_TRUST___DRP 24196	50.92 2.20 0.00	50.46 2.17 0.00	42.14 2.13 0.00	36.78 2.00 0.00	38.58 2.10 0.00	47.65 2.15 0.00	56.76 2.14 0.00	54.30 2.32 0.00	50.13 2.70 0.00	51.76 2.73 0.00	55.59 2.64 0.00	60.04 2.65 0.00	61.35 3.28 0.00	76.19 4.74 0.00	84.99 5.72 0.00	95.22 6.55 0.00	119.52 8.13 0.00	175.95 11.51 0.00	270.47 16.34 0.00	335.16 18.75 0.00	191.47 11.40 0.00	131.56 8.30 -0.67	84.84 4.40 -0.35	95.60 3.72 0.00
RED___ROCHESTER 323720	50.30 1.59 0.00	49.61 1.33 0.00	40.39 0.38 0.00	35.28 0.51 0.00	36.98 0.50 0.00	45.98 0.48 0.00	55.24 0.62 0.00	52.49 0.51 0.00	48.24 0.80 0.00	50.70 1.67 0.00	55.14 2.19 0.00	60.51 3.11 0.00	61.60 3.53 0.00	76.94 5.49 0.00	85.33 6.05 0.00	94.64 5.97 0.00	117.90 6.50 0.00	173.69 9.25 0.00	267.65 13.52 0.00	334.27 17.86 0.00	191.05 10.98 0.00	128.85 6.27 0.00	83.70 3.60 0.00	94.97 3.08 0.00
REGAN___SOLAR 323812	52.48 3.77 0.00	51.87 3.59 0.00	42.98 2.97 0.00	37.33 2.55 0.00	39.16 2.68 0.00	48.79 3.29 0.00	58.54 3.93 0.00	55.06 3.09 0.00	49.11 1.67 0.00	49.98 0.95 0.00	53.69 0.74 0.00	58.31 0.91 0.00	59.34 1.28 0.00	72.95 1.50 0.00	81.20 1.93 0.00	90.94 2.27 0.00	114.47 3.08 0.00	171.12 6.68 0.00	269.83 15.70 0.00	343.59 27.18 0.00	197.64 17.58 0.00	141.18 11.71 -6.89	89.05 7.08 -1.86	99.21 7.33 0.00
RENSSELAER___COGEN 23796	48.65 -0.06 0.00	48.25 -0.04 0.00	40.26 0.25 0.00	35.11 0.33 0.00	36.82 0.34 0.00	45.70 0.20 0.00	54.55 -0.06 0.00	51.99 0.02 0.00	47.46 0.02 0.00	48.87 -0.16 0.00	52.78 -0.17 0.00	57.14 -0.26 0.00	58.30 0.23 0.00	71.91 0.46 0.00	79.92 0.65 0.00	89.29 0.61 0.00	112.03 0.63 0.00	165.50 1.05 0.00	255.78 1.65 0.00	318.11 1.70 0.00	181.79 1.73 0.00	127.82 1.51 -3.73	68.81 0.47 11.77	91.89 0.01 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.91 7.20 0.00	55.02 6.74 0.00	45.49 5.48 0.00	39.96 5.19 0.00	42.05 5.56 0.00	52.19 6.68 0.00	62.73 8.12 0.00	58.90 6.93 0.00	53.84 6.40 0.00	55.28 6.25 0.00	58.61 5.66 0.00	62.99 5.59 0.00	65.38 7.31 0.00	81.34 9.89 0.00	90.54 11.27 0.00	102.59 13.92 0.00	126.86 15.46 0.00	189.64 25.20 0.00	293.24 39.10 0.00	366.64 50.23 0.00	211.61 31.54 0.00	151.02 21.51 -6.93	95.77 12.35 -3.33	105.58 13.70 0.00
REVERE_CPPR_DRP 24186	51.19 2.48 0.00	50.50 2.21 0.00	41.75 1.74 0.00	36.31 1.53 0.00	38.07 1.59 0.00	47.50 2.00 0.00	57.05 2.44 0.00	54.15 2.17 0.00	49.36 1.92 0.00	51.03 2.01 0.00	55.02 2.07 0.00	59.58 2.19 0.00	60.45 2.38 0.00	74.47 3.01 0.00	82.47 3.20 0.00	92.03 3.36 0.00	116.01 4.61 0.00	171.94 7.50 0.00	267.95 13.76 -0.06	336.92 19.91 -0.60	192.43 12.14 -0.23	131.40 7.99 -0.84	84.69 4.49 -0.10	96.42 4.36 -0.18
REYNLDPA_13_KV_LD 356490	48.80 0.09 0.00	48.41 0.13 0.00	39.94 -0.07 0.00	34.57 -0.20 0.00	36.25 -0.23 0.00	45.45 -0.06 0.00	54.82 0.20 0.00	52.13 0.15 0.00	47.44 0.00 0.00	49.00 -0.03 0.00	53.07 0.13 0.00	57.43 0.03 0.00	57.50 -0.57 0.00	70.25 -1.20 0.00	77.74 -1.53 0.00	87.24 -1.43 0.00	109.75 -1.65 0.00	160.94 -3.50 0.00	248.44 -5.69 0.00	308.96 -7.45 0.00	174.75 -5.31 0.00	118.85 -3.73 0.00	78.34 -1.76 0.00	91.82 -0.06 0.00
REYNOLDS_115KV_TB3 80639	49.29 0.57 0.00	48.86 0.58 0.00	40.76 0.75 0.00	35.57 0.79 0.00	37.29 0.81 0.00	46.26 0.76 0.00	55.22 0.60 0.00	52.62 0.65 0.00	48.07 0.63 0.00	49.49 0.46 0.00	53.47 0.52 0.00	57.87 0.47 0.00	59.09 1.03 0.00	72.87 1.42 0.00	80.96 1.69 0.00	90.40 1.73 0.00	113.43 2.04 0.00	167.62 3.17 0.00	258.93 4.80 0.00	322.10 5.69 0.00	184.10 4.04 0.00	129.86 3.14 -4.14	90.56 1.53 -8.92	93.04 1.17 0.00
RIVERBAY____ 323610	52.69 3.98 0.00	52.24 3.96 0.00	43.66 3.66 0.00	38.08 3.31 0.00	39.97 3.49 0.00	49.35 3.85 0.00	58.88 4.26 0.00	56.27 4.30 0.00	51.96 4.52 0.00	53.48 4.45 0.00	57.46 4.51 0.00	62.08 4.69 0.00	63.38 5.31 0.00	78.56 7.11 0.00	87.77 8.49 0.00	98.37 9.70 0.00	123.31 11.91 -0.01	181.45 17.00 -0.01	278.96 24.82 -0.01	346.15 29.73 -0.01	197.82 17.75 -0.01	135.92 12.66 -0.68	87.61 7.16 -0.36	98.83 6.94 -0.01
RIVERSDE_115KV_TB3 55908	49.11 0.40 0.00	48.69 0.41 0.00	40.63 0.62 0.00	35.44 0.66 0.00	37.16 0.68 0.00	46.11 0.61 0.00	55.06 0.44 0.00	52.49 0.51 0.00	47.93 0.49 0.00	49.37 0.34 0.00	53.33 0.38 0.00	57.75 0.35 0.00	58.94 0.88 0.00	72.70 1.25 0.00	80.81 1.54 0.00	90.26 1.59 0.00	113.24 1.85 0.00	167.37 2.93 0.00	258.58 4.45 0.00	321.47 5.06 0.00	183.71 3.65 0.00	129.60 2.82 -4.20	85.48 1.30 -4.08	92.79 0.91 0.00
ROARING___BROOK_WT_PWR 323790	48.54 -0.17 0.00	48.05 -0.23 0.00	39.83 -0.18 0.00	34.57 -0.21 0.00	36.23 -0.25 0.00	45.26 -0.24 0.00	54.34 -0.27 0.00	51.75 -0.22 0.00	47.31 -0.13 0.00	48.87 -0.16 0.00	52.80 -0.15 0.00	57.18 -0.21 0.00	57.68 -0.38 0.00	70.85 -0.60 0.00	78.56 -0.72 0.00	87.86 -0.81 0.00	110.28 -1.11 0.00	162.80 -1.64 0.00	251.91 -2.22 0.00	313.87 -2.54 0.00	178.48 -1.58 0.00	121.50 -1.08 0.00	79.43 -0.67 0.00	91.44 -0.44 0.00

ROCHESRG_115KV_T4 355643	49.55 0.84 0.00	48.91 0.63 0.00	39.84 -0.17 0.00	34.81 0.04 0.00	36.51 0.02 0.00	45.39 -0.11 0.00	54.47 -0.14 0.00	51.71 -0.26 0.00	47.50 0.06 0.00	49.86 0.83 0.00	54.15 1.20 0.00	59.35 1.95 0.00	60.36 2.29 0.00	75.33 3.88 0.00	83.55 4.28 0.00	92.63 3.96 0.00	115.38 3.99 0.00	170.08 5.64 0.00	262.24 8.11 0.00	327.53 11.12 0.00	187.43 7.36 0.00	126.55 3.97 0.00	82.32 2.22 0.00	93.51 1.63 0.00
ROCHESTER_9_IC 23652	49.93 1.22 0.00	49.28 0.99 0.00	40.13 0.12 0.00	35.06 0.28 0.00	36.76 0.27 0.00	45.71 0.21 0.00	54.88 0.26 0.00	52.12 0.14 0.00	47.88 0.45 0.00	50.30 1.27 0.00	54.65 1.70 0.00	59.95 2.55 0.00	60.99 2.92 0.00	76.15 4.70 0.00	84.45 5.17 0.00	93.67 5.00 0.00	116.67 5.28 0.00	171.93 7.48 0.00	265.05 10.92 0.00	331.01 14.60 0.00	189.31 9.24 0.00	127.75 5.17 0.00	83.05 2.95 0.00	94.29 2.41 0.00
ROCKVIEW_13_KV_LD 356306	51.07 2.36 0.00	50.61 2.33 0.00	42.21 2.20 0.00	36.84 2.06 0.00	38.64 2.15 0.00	47.73 2.23 0.00	56.88 2.27 0.00	54.41 2.43 0.00	50.12 2.69 0.00	51.80 2.77 0.00	55.72 2.77 0.00	60.20 2.80 0.00	61.52 3.45 0.00	76.41 4.96 0.00	85.22 5.95 0.00	95.50 6.82 0.00	119.89 8.50 0.00	176.66 12.22 0.00	271.86 17.73 0.00	337.04 20.63 0.00	192.63 12.56 0.00	132.32 9.06 -0.67	85.31 4.86 -0.35	96.13 4.25 0.00
ROME____115KV_TB2 80656	51.19 2.48 0.00	50.50 2.21 0.00	41.75 1.74 0.00	36.31 1.53 0.00	38.07 1.59 0.00	47.50 2.00 0.00	57.05 2.44 0.00	54.15 2.17 0.00	49.36 1.92 0.00	51.03 2.01 0.00	55.02 2.07 0.00	59.58 2.19 0.00	60.45 2.38 0.00	74.47 3.01 0.00	82.47 3.20 0.00	92.03 3.36 0.00	116.01 4.61 0.00	171.94 7.50 0.00	267.95 13.76 -0.06	336.92 19.91 -0.60	192.43 12.14 -0.23	131.40 7.99 -0.84	84.69 4.49 -0.10	96.42 4.36 -0.18
ROSETON___1 23587	50.10 1.39 0.00	49.64 1.36 0.00	41.40 1.39 0.00	36.13 1.35 0.00	37.89 1.41 0.00	46.89 1.39 0.00	55.91 1.30 0.00	53.38 1.41 0.00	49.03 1.59 0.00	50.60 1.56 0.00	54.53 1.58 0.00	58.96 1.57 0.00	60.22 2.15 0.00	74.66 3.21 0.00	83.17 3.90 0.00	92.96 4.29 0.00	116.75 5.35 0.00	172.13 7.69 0.00	264.85 10.72 0.00	328.84 12.43 0.00	187.95 7.89 0.00	129.11 5.87 -0.66	83.07 2.97 0.00	94.25 2.37 0.00
ROSETON___2 23588	50.10 1.39 0.00	49.64 1.36 0.00	41.40 1.39 0.00	36.13 1.35 0.00	37.89 1.41 0.00	46.89 1.39 0.00	55.91 1.30 0.00	53.38 1.41 0.00	49.03 1.59 0.00	50.60 1.56 0.00	54.53 1.58 0.00	58.96 1.57 0.00	60.22 2.15 0.00	74.66 3.21 0.00	83.17 3.90 0.00	92.96 4.29 0.00	116.75 5.35 0.00	172.13 7.69 0.00	264.85 10.72 0.00	328.84 12.43 0.00	187.95 7.89 0.00	129.11 5.87 -0.66	83.07 2.97 0.00	94.25 2.37 0.00
ROTTRDAM_115KV_TB3 80664	50.08 1.37 0.00	49.64 1.36 0.00	41.31 1.30 0.00	35.98 1.20 0.00	37.74 1.26 0.00	46.90 1.40 0.00	56.10 1.49 0.00	53.36 1.39 0.00	48.61 1.17 0.00	50.09 1.06 0.00	53.95 1.01 0.00	58.44 1.04 0.00	59.54 1.47 0.00	73.50 2.04 0.00	81.69 2.42 0.00	91.29 2.62 0.00	114.61 3.21 0.00	169.60 5.16 0.00	262.62 8.49 0.00	327.53 11.13 0.00	187.20 7.14 0.00	135.13 5.00 -7.56	84.95 2.80 -2.05	94.55 2.67 0.00
RUSSELL___1 23602	50.30 1.59 0.00	49.62 1.33 0.00	40.39 0.38 0.00	35.28 0.50 0.00	36.98 0.50 0.00	46.01 0.50 0.00	55.24 0.62 0.00	52.48 0.51 0.00	48.24 0.80 0.00	50.70 1.67 0.00	55.14 2.20 0.00	60.51 3.11 0.00	61.59 3.53 0.00	76.93 5.48 0.00	85.32 6.05 0.00	94.64 5.97 0.00	117.90 6.50 0.00	173.67 9.22 0.00	267.65 13.52 0.00	334.25 17.85 0.00	191.04 10.97 0.00	128.83 6.25 0.00	83.69 3.59 0.00	94.97 3.09 0.00
RUSSELL___2 23532	50.30 1.59 0.00	49.62 1.33 0.00	40.39 0.38 0.00	35.28 0.50 0.00	36.98 0.50 0.00	46.01 0.50 0.00	55.24 0.62 0.00	52.48 0.51 0.00	48.24 0.80 0.00	50.70 1.67 0.00	55.14 2.20 0.00	60.51 3.11 0.00	61.59 3.53 0.00	76.93 5.48 0.00	85.32 6.05 0.00	94.64 5.97 0.00	117.90 6.50 0.00	173.67 9.22 0.00	267.65 13.52 0.00	334.25 17.85 0.00	191.04 10.97 0.00	128.83 6.25 0.00	83.69 3.59 0.00	94.97 3.09 0.00
RUSSELL___3 23549	50.30 1.59 0.00	49.62 1.33 0.00	40.39 0.38 0.00	35.28 0.50 0.00	36.98 0.50 0.00	46.01 0.50 0.00	55.24 0.62 0.00	52.48 0.51 0.00	48.24 0.80 0.00	50.70 1.67 0.00	55.14 2.20 0.00	60.51 3.11 0.00	61.59 3.53 0.00	76.93 5.48 0.00	85.32 6.05 0.00	94.64 5.97 0.00	117.90 6.50 0.00	173.67 9.22 0.00	267.65 13.52 0.00	334.25 17.85 0.00	191.04 10.97 0.00	128.83 6.25 0.00	83.69 3.59 0.00	94.97 3.09 0.00
RUSSELL___4 23556	50.30 1.59 0.00	49.62 1.33 0.00	40.39 0.38 0.00	35.28 0.50 0.00	36.98 0.50 0.00	46.01 0.50 0.00	55.24 0.62 0.00	52.48 0.51 0.00	48.24 0.80 0.00	50.70 1.67 0.00	55.14 2.20 0.00	60.51 3.11 0.00	61.59 3.53 0.00	76.93 5.48 0.00	85.32 6.05 0.00	94.64 5.97 0.00	117.90 6.50 0.00	173.67 9.22 0.00	267.65 13.52 0.00	334.25 17.85 0.00	191.04 10.97 0.00	128.83 6.25 0.00	83.69 3.59 0.00	94.97 3.09 0.00
RUSSELL___STATION 23914	50.30 1.59 0.00	49.62 1.33 0.00	40.39 0.38 0.00	35.28 0.50 0.00	36.98 0.50 0.00	46.01 0.50 0.00	55.24 0.62 0.00	52.48 0.51 0.00	48.24 0.80 0.00	50.70 1.67 0.00	55.14 2.20 0.00	60.51 3.11 0.00	61.59 3.53 0.00	76.93 5.48 0.00	85.32 6.05 0.00	94.64 5.97 0.00	117.90 6.50 0.00	173.67 9.22 0.00	267.65 13.52 0.00	334.25 17.85 0.00	191.04 10.97 0.00	128.83 6.25 0.00	83.69 3.59 0.00	94.97 3.09 0.00
S SALMON___HYD 24043	48.95 0.24 0.00	48.43 0.14 0.00	40.00 -0.01 0.00	34.76 -0.01 0.00	36.47 -0.01 0.00	45.50 0.00 0.00	55.28 0.07 -0.60	52.01 -0.10 -0.14	47.32 -0.11 0.00	48.93 -0.09 0.00	52.92 -0.03 0.00	57.40 0.00 0.00	58.30 0.23 0.00	71.81 0.36 0.00	79.66 0.39 0.00	88.66 -0.01 0.00	111.06 -0.33 0.00	164.60 0.15 0.00	256.25 1.85 -0.27	324.00 4.99 -2.60	185.11 4.05 -0.99	128.97 2.74 -3.66	82.04 1.50 -0.45	93.50 0.82 -0.79
S.PERRY__115KV_TB1 80734	50.59 1.88 0.00	49.83 1.55 0.00	40.52 0.51 0.00	35.42 0.64 0.00	37.14 0.66 0.00	46.27 0.76 0.00	55.72 1.11 0.00	52.55 0.58 0.00	47.76 0.32 0.00	49.63 0.60 0.00	53.69 0.74 0.00	58.87 1.47 0.00	58.99 0.92 0.00	72.03 0.58 0.00	79.87 0.59 0.00	88.53 -0.15 0.00	110.23 -1.16 0.00	162.64 -1.80 0.00	252.47 -1.66 0.00	320.50 4.09 0.00	185.26 5.19 0.00	124.73 2.15 0.00	81.66 1.56 0.00	95.74 3.86 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.61 0.90 0.00	48.97 0.69 0.00	39.43 -0.57 0.00	34.56 -0.21 0.00	36.22 -0.26 0.00	44.96 -0.54 0.00	53.91 -0.71 0.00	50.96 -1.01 0.00	46.94 -0.50 0.00	49.70 0.67 0.00	54.09 1.14 0.00	59.40 2.00 0.00	60.47 2.41 0.00	75.82 4.37 0.00	83.97 4.69 0.00	92.61 3.93 0.00	115.18 3.79 0.00	170.02 5.57 0.00	261.48 7.35 0.00	326.71 10.30 0.00	187.68 7.62 0.00	126.10 3.52 0.00	82.13 2.03 0.00	93.16 1.28 0.00

SAWYER___23_KV_LOAD 55526	49.61 0.90 0.00	48.97 0.69 0.00	39.43 -0.57 0.00	34.56 -0.21 0.00	36.22 -0.26 0.00	44.96 -0.54 0.00	53.91 -0.71 0.00	50.96 -1.01 0.00	46.94 -0.50 0.00	49.70 0.67 0.00	54.09 1.14 0.00	59.40 2.00 0.00	60.47 2.41 0.00	75.82 4.37 0.00	83.97 4.69 0.00	92.61 3.93 0.00	115.18 3.79 0.00	170.02 5.57 0.00	261.48 7.35 0.00	326.71 10.30 0.00	187.68 7.62 0.00	126.10 3.52 0.00	82.13 2.03 0.00	93.16 1.28 0.00
SELKIRK___I 23801	48.29 -0.42 0.00	47.97 -0.32 0.00	40.02 0.01 0.00	34.88 0.11 0.00	36.59 0.10 0.00	45.43 -0.07 0.00	54.26 -0.35 0.00	51.65 -0.33 0.00	47.00 -0.44 0.00	48.32 -0.71 0.00	52.13 -0.82 0.00	56.44 -0.96 0.00	57.56 -0.51 0.00	71.02 -0.43 0.00	78.84 -0.43 0.00	88.03 -0.64 0.00	110.42 -0.98 0.00	163.14 -1.30 0.00	252.42 -1.72 0.00	314.29 -2.12 0.00	179.64 -0.43 0.00	125.52 0.19 -2.76	74.03 -0.26 5.80	91.16 -0.72 0.00
SELKIRK___II 23799	48.52 -0.19 0.00	48.17 -0.12 0.00	40.18 0.17 0.00	35.03 0.25 0.00	36.74 0.26 0.00	45.60 0.10 0.00	54.46 -0.16 0.00	51.89 -0.09 0.00	47.32 -0.11 0.00	48.76 -0.27 0.00	52.64 -0.31 0.00	57.00 -0.40 0.00	58.10 0.03 0.00	71.70 0.25 0.00	79.68 0.41 0.00	88.94 0.27 0.00	111.63 0.24 0.00	164.89 0.44 0.00	254.70 0.56 0.00	316.83 0.42 0.00	181.04 0.97 0.00	126.55 1.01 -2.96	73.57 0.21 6.74	91.62 -0.26 0.00
SENECA OSWGO___HYD 24041	48.11 -0.60 0.00	47.60 -0.68 0.00	39.35 -0.66 0.00	34.25 -0.52 0.00	35.94 -0.54 0.00	44.77 -0.73 0.00	54.65 -0.89 -0.92	51.31 -0.87 -0.21	46.72 -0.72 0.00	48.41 -0.62 0.00	52.35 -0.60 0.00	56.95 -0.45 0.00	57.95 -0.11 0.00	71.58 0.12 0.00	79.44 0.17 0.00	88.61 -0.06 0.00	111.16 -0.24 0.00	164.11 -0.34 0.00	254.44 -0.10 -0.41	320.96 0.62 -3.94	182.48 0.91 -1.50	128.39 0.27 -5.53	80.55 -0.23 -0.68	92.09 -0.99 -1.20
SENECA___115KV_TB3 355854	50.21 1.50 0.00	49.51 1.22 0.00	39.89 -0.12 0.00	34.96 0.18 0.00	36.64 0.15 0.00	45.50 -0.01 0.00	54.59 -0.03 0.00	51.62 -0.35 0.00	47.54 0.11 0.00	50.31 1.28 0.00	54.74 1.79 0.00	60.12 2.72 0.00	61.25 3.18 0.00	76.74 5.29 0.00	85.02 5.75 0.00	93.78 5.10 0.00	116.80 5.41 0.00	172.47 8.03 0.00	265.26 11.13 0.00	331.74 15.33 0.00	190.61 10.54 0.00	127.92 5.34 0.00	83.14 3.04 0.00	94.21 2.34 0.00
SENECA___ENERGY 23797	49.73 1.02 0.00	49.17 0.89 0.00	40.38 0.38 0.00	35.18 0.40 0.00	36.91 0.42 0.00	45.86 0.35 0.00	55.42 0.55 -0.26	52.29 0.26 -0.06	47.86 0.42 0.00	49.87 0.84 0.00	53.80 0.85 0.00	58.87 1.48 0.00	60.10 2.03 0.00	74.47 3.02 0.00	82.69 3.42 0.00	91.85 3.18 0.00	114.75 3.35 0.00	169.16 4.72 0.00	262.21 7.92 -0.16	330.40 12.41 -1.58	188.51 7.85 -0.60	129.17 4.37 -2.22	82.61 2.24 -0.27	93.99 1.63 -0.48
SHOEMAKER___GT 23640	50.21 1.50 0.00	49.70 1.42 0.00	41.39 1.38 0.00	36.10 1.33 0.00	37.86 1.38 0.00	46.88 1.38 0.00	55.99 1.37 0.00	53.45 1.47 0.00	48.99 1.55 0.00	50.55 1.52 0.00	54.42 1.47 0.00	58.89 1.49 0.00	60.11 2.04 0.00	74.49 3.04 0.00	83.00 3.72 0.00	92.78 4.11 0.00	116.61 5.21 0.00	172.07 7.63 0.00	265.28 11.15 0.00	330.08 13.67 0.00	188.68 8.62 0.00	129.42 6.23 -0.61	83.34 3.24 0.00	94.56 2.68 0.00
SHOEMAKR_138KV_BK 111 55601	50.16 1.45 0.00	49.67 1.38 0.00	41.36 1.35 0.00	36.09 1.31 0.00	37.84 1.35 0.00	46.84 1.34 0.00	55.94 1.32 0.00	53.42 1.44 0.00	48.99 1.55 0.00	50.55 1.52 0.00	54.43 1.48 0.00	58.92 1.52 0.00	60.13 2.06 0.00	74.51 3.06 0.00	83.01 3.74 0.00	92.81 4.14 0.00	116.63 5.24 0.00	172.07 7.63 0.00	265.17 11.04 0.00	329.68 13.27 0.00	188.47 8.41 0.00	129.31 6.12 -0.61	83.25 3.16 0.00	94.46 2.58 0.00
SHOREHAM_IC_1 23715	49.94 1.23 0.00	49.53 1.25 0.00	41.27 1.26 0.00	35.97 1.19 0.00	37.74 1.26 0.00	46.50 0.99 0.00	54.96 0.35 0.00	52.51 0.54 0.00	26.13 0.78 22.08	28.24 0.92 21.70	53.57 1.20 0.58	56.77 0.61 1.23	59.03 1.65 0.69	74.30 2.85 0.00	83.06 3.79 0.00	93.50 4.84 0.01	125.48 6.93 -7.14	173.06 10.18 1.56	264.98 13.00 2.15	189.88 13.18 139.70	107.31 9.28 82.03	89.18 7.41 40.81	69.11 3.08 14.07	94.23 2.35 0.00
SHOREHAM_IC_2 23716	49.93 1.22 0.00	49.53 1.25 0.00	41.28 1.27 0.00	35.97 1.19 0.00	37.74 1.26 0.00	46.49 0.98 0.00	54.96 0.34 0.00	52.51 0.54 0.00	26.15 0.79 22.08	28.26 0.94 21.70	53.57 1.20 0.58	56.78 0.61 1.23	59.04 1.66 0.69	74.30 2.85 0.00	83.07 3.80 0.00	93.50 4.84 0.01	125.47 6.93 -7.14	173.07 10.18 1.56	265.09 13.11 2.15	190.22 13.51 139.70	107.35 9.31 82.03	89.24 7.47 40.81	69.13 3.10 14.07	94.22 2.34 0.00
SISSONVILLE___ 23735	49.28 0.56 0.00	48.71 0.43 0.00	40.16 0.15 0.00	34.70 -0.08 0.00	36.08 -0.40 0.00	45.38 -0.12 0.00	54.96 0.35 0.00	51.79 -0.18 0.00	46.75 -0.69 0.00	48.02 -1.01 0.00	52.02 -0.93 0.00	56.18 -1.22 0.00	56.17 -1.90 0.00	68.53 -2.92 0.00	75.88 -3.40 0.00	84.69 -3.98 0.00	106.63 -4.76 0.00	157.89 -6.55 0.00	245.55 -8.62 -0.03	307.52 -9.22 -0.34	174.57 -5.62 -0.13	119.32 -3.74 -0.47	78.69 -1.47 -0.06	92.18 0.20 -0.10
SITHE_IND_GS1 24169	47.51 -1.19 0.01	47.06 -1.22 0.00	38.91 -1.10 0.00	33.87 -0.91 0.00	35.53 -0.95 0.00	44.24 -1.27 0.00	49.85 -1.55 3.22	49.73 -1.51 0.73	46.12 -1.32 0.00	47.81 -1.22 0.00	51.67 -1.28 0.00	56.16 -1.24 0.00	57.05 -1.02 0.00	70.43 -1.02 0.00	78.17 -1.10 0.00	87.17 -1.50 0.00	109.37 -2.03 0.00	161.27 -3.17 0.00	248.20 -4.74 1.19	299.63 -5.30 11.48	173.14 -2.54 4.39	104.41 -2.02 16.15	76.60 -1.52 1.97	86.11 -2.26 3.51
SITHE_IND_GS2 24170	47.51 -1.19 0.01	47.06 -1.22 0.00	38.91 -1.10 0.00	33.87 -0.91 0.00	35.53 -0.95 0.00	44.24 -1.27 0.00	49.85 -1.55 3.22	49.73 -1.51 0.73	46.12 -1.32 0.00	47.81 -1.22 0.00	51.67 -1.28 0.00	56.16 -1.24 0.00	57.05 -1.02 0.00	70.43 -1.02 0.00	78.17 -1.10 0.00	87.17 -1.50 0.00	109.37 -2.03 0.00	161.27 -3.17 0.00	248.20 -4.74 1.19	299.63 -5.30 11.48	173.14 -2.54 4.39	104.41 -2.02 16.15	76.60 -1.52 1.97	86.11 -2.26 3.51
SITHE_IND_GS3 24171	47.51 -1.19 0.01	47.06 -1.22 0.00	38.91 -1.10 0.00	33.87 -0.91 0.00	35.53 -0.95 0.00	44.24 -1.27 0.00	49.85 -1.55 3.22	49.73 -1.51 0.73	46.12 -1.32 0.00	47.81 -1.22 0.00	51.67 -1.28 0.00	56.16 -1.24 0.00	57.05 -1.02 0.00	70.43 -1.02 0.00	78.17 -1.10 0.00	87.17 -1.50 0.00	109.37 -2.03 0.00	161.27 -3.17 0.00	248.20 -4.74 1.19	299.63 -5.30 11.48	173.14 -2.54 4.39	104.41 -2.02 16.15	76.60 -1.52 1.97	86.11 -2.26 3.51
SITHE_IND_GS4 24172	47.51 -1.19 0.01	47.06 -1.22 0.00	38.91 -1.10 0.00	33.87 -0.91 0.00	35.53 -0.95 0.00	44.24 -1.27 0.00	49.85 -1.55 3.22	49.73 -1.51 0.73	46.12 -1.32 0.00	47.81 -1.22 0.00	51.67 -1.28 0.00	56.16 -1.24 0.00	57.05 -1.02 0.00	70.43 -1.02 0.00	78.17 -1.10 0.00	87.17 -1.50 0.00	109.37 -2.03 0.00	161.27 -3.17 0.00	248.20 -4.74 1.19	299.63 -5.30 11.48	173.14 -2.54 4.39	104.41 -2.02 16.15	76.60 -1.52 1.97	86.11 -2.26 3.51

SITHE___BATAVIA 24024	50.87 2.16 0.00	50.11 1.83 0.00	40.39 0.38 0.00	35.32 0.54 0.00	37.06 0.57 0.00	46.05 0.55 0.00	55.36 0.75 0.00	52.41 0.44 0.00	48.08 0.64 0.00	50.55 1.52 0.00	54.97 2.02 0.00	60.42 3.02 0.00	60.90 2.84 0.00	75.98 4.53 0.00	84.05 4.77 0.00	93.12 4.45 0.00	115.92 4.53 0.00	171.23 6.79 0.00	265.48 11.35 0.00	333.29 16.88 0.00	191.39 11.32 0.00	128.71 6.13 0.00	83.92 3.82 0.00	96.18 4.30 0.00
SITHE___INDEPEND 23800	47.51 -1.19 0.01	47.06 -1.22 0.00	38.91 -1.10 0.00	33.87 -0.91 0.00	35.53 -0.95 0.00	44.24 -1.27 0.00	49.85 -1.55 3.22	49.73 -1.51 0.73	46.12 -1.32 0.00	47.81 -1.22 0.00	51.67 -1.28 0.00	56.17 -1.23 0.00	57.05 -1.02 0.00	70.43 -1.02 0.00	78.18 -1.10 0.00	87.17 -1.50 0.00	109.37 -2.03 0.00	161.26 -3.18 0.00	248.19 -4.74 1.19	299.61 -5.32 11.48	173.14 -2.54 4.39	104.40 -2.03 16.15	76.60 -1.52 1.97	86.11 -2.26 3.51
SITHE___MASSENA 23902	48.90 0.19 0.00	48.45 0.17 0.00	39.96 -0.05 0.00	34.58 -0.19 0.00	36.21 -0.27 0.00	45.44 -0.07 0.00	54.90 0.28 0.00	52.13 0.15 0.00	47.35 -0.09 0.00	48.80 -0.23 0.00	52.85 -0.10 0.00	57.18 -0.22 0.00	57.22 -0.85 0.00	69.88 -1.57 0.00	77.37 -1.90 0.00	86.78 -1.89 0.00	109.20 -2.19 0.00	161.32 -3.13 0.00	249.74 -4.39 0.00	310.95 -5.46 0.00	176.05 -4.01 0.00	119.76 -2.82 0.00	78.99 -1.11 0.00	91.95 0.07 0.00
SITHE___OGDNSBRG 24021	50.03 1.32 0.00	49.50 1.22 0.00	40.78 0.77 0.00	35.25 0.47 0.00	36.82 0.34 0.00	46.33 0.83 0.00	56.06 1.44 0.00	52.92 0.94 0.00	47.59 0.15 0.00	48.79 -0.24 0.00	52.79 -0.16 0.00	57.07 -0.33 0.00	57.03 -1.04 0.00	69.57 -1.88 0.00	77.02 -2.25 0.00	86.29 -2.38 0.00	108.70 -2.70 0.00	161.37 -3.07 0.00	251.52 -2.61 0.00	315.85 -0.55 0.00	179.73 -0.34 0.00	122.39 -0.20 0.00	80.72 0.62 0.00	94.15 2.27 0.00
SITHE___STERLING 23777	50.60 1.89 0.00	50.00 1.72 0.00	41.35 1.34 0.00	35.97 1.19 0.00	37.74 1.25 0.00	47.04 1.54 0.00	56.48 1.87 0.00	53.61 1.63 0.00	48.90 1.46 0.00	50.53 1.50 0.00	54.51 1.56 0.00	59.10 1.70 0.00	59.99 1.93 0.00	73.84 2.40 0.00	81.70 2.42 0.00	91.21 2.54 0.00	114.77 3.38 0.00	169.93 5.49 0.00	264.12 9.92 -0.07	331.65 14.59 -0.65	189.41 9.10 -0.25	129.39 5.90 -0.91	83.42 3.20 -0.11	95.06 2.98 -0.20
SLEIGHT__34_KV_TB1 80719	49.52 0.81 0.00	48.87 0.59 0.00	40.01 0.00 0.00	34.90 0.12 0.00	36.61 0.13 0.00	45.49 -0.01 0.00	54.83 0.09 -0.13	51.96 -0.05 -0.03	47.58 0.14 0.00	49.73 0.70 0.00	53.87 0.92 0.00	59.02 1.63 0.00	60.12 2.05 0.00	74.78 3.33 0.00	83.01 3.74 0.00	92.20 3.53 0.00	115.15 3.76 0.00	169.82 5.37 0.00	262.80 8.61 -0.05	329.40 12.51 -0.48	188.24 7.99 -0.18	127.69 4.44 -0.67	82.46 2.28 -0.08	93.68 1.65 -0.15
SMITHTWN_69_KV_BK 1 55830	50.65 1.94 0.00	50.29 2.00 0.00	41.87 1.86 0.00	36.50 1.72 0.00	38.28 1.79 0.00	47.16 1.66 0.00	55.72 1.11 0.00	53.19 1.22 0.00	27.05 1.59 21.97	29.17 1.74 21.59	54.47 2.10 0.58	57.59 1.42 1.23	60.03 2.65 0.68	75.52 4.07 0.00	84.42 5.14 0.00	95.11 6.45 0.01	141.34 8.10 -21.84	174.27 11.53 1.70	267.67 15.66 2.13	189.41 17.13 144.13	106.13 10.85 84.78	90.71 8.56 40.43	70.11 3.95 13.94	95.16 3.28 0.00
SOUTH CAIRO___GT 23612	50.61 1.90 0.00	50.12 1.84 0.00	41.70 1.69 0.00	36.32 1.55 0.00	38.11 1.63 0.00	47.39 1.88 0.00	56.75 2.14 0.00	53.99 2.01 0.00	49.12 1.68 0.00	50.25 1.23 0.00	54.09 1.14 0.00	58.84 1.44 0.00	60.09 2.02 0.00	74.23 2.78 0.00	82.71 3.44 0.00	92.92 4.25 0.00	116.14 4.75 0.00	171.83 7.39 0.00	268.11 13.98 0.00	336.36 19.95 0.00	192.59 12.53 0.00	133.75 8.55 -2.62	78.42 4.63 6.31	96.24 4.36 0.00
SOUTH HAMPTN___IC 23720	50.84 2.13 0.00	50.32 2.04 0.00	41.86 1.85 0.00	36.50 1.72 0.00	38.34 1.86 0.00	47.34 1.83 0.00	56.03 1.42 0.00	53.61 1.63 0.00	27.23 1.91 22.12	29.59 2.30 21.74	55.14 2.78 0.58	58.51 2.35 1.23	60.80 3.42 0.69	76.59 5.14 0.00	85.44 6.17 0.00	96.09 7.42 0.01	127.28 10.09 -5.80	177.69 14.80 1.55	271.57 19.61 2.18	197.33 20.37 139.45	111.37 13.16 81.85	91.93 10.28 40.94	70.87 4.88 14.11	96.25 4.37 0.00
SOUTHDOW_115KV_TB1 355954	51.97 3.25 0.00	51.06 2.78 0.00	41.21 1.20 0.00	36.17 1.39 0.00	37.91 1.43 0.00	47.14 1.63 0.00	56.73 2.11 0.00	53.88 1.91 0.00	49.60 2.16 0.00	52.48 3.44 0.00	57.00 4.05 0.00	61.67 4.27 0.00	62.71 4.64 0.00	78.51 7.06 0.00	87.03 7.76 0.00	95.96 7.29 0.00	119.69 8.30 0.00	176.34 11.89 0.00	271.35 17.22 0.00	340.86 24.45 0.00	196.13 16.06 0.00	131.44 8.86 0.00	86.03 5.93 0.00	97.12 5.24 0.00
SOUTHOLD_69_KV_BK 2 55809	51.69 2.98 0.00	50.96 2.68 0.00	42.29 2.28 0.00	36.92 2.15 0.00	38.84 2.36 0.00	48.13 2.63 0.00	57.11 2.49 0.00	54.72 2.75 0.00	28.46 3.14 22.12	31.14 3.85 21.74	56.88 4.51 0.58	60.31 4.14 1.23	62.67 5.29 0.69	78.88 7.43 0.00	87.92 8.65 0.00	97.53 8.87 0.01	128.52 11.29 -5.83	179.54 16.65 1.55	273.59 21.64 2.18	198.59 21.63 139.45	112.60 14.39 81.85	94.84 13.19 40.93	72.68 6.69 14.11	98.38 6.50 0.00
SOUTHOLD___IC 23719	51.70 2.98 0.00	50.96 2.68 0.00	42.29 2.29 0.00	36.92 2.14 0.00	38.84 2.36 0.00	48.14 2.63 0.00	57.11 2.49 0.00	54.72 2.74 0.00	28.43 3.11 22.12	31.12 3.83 21.74	56.87 4.50 0.58	60.29 4.13 1.23	62.67 5.29 0.69	78.88 7.43 0.00	87.92 8.65 0.00	97.53 8.87 0.01	128.51 11.28 -5.83	179.54 16.65 1.55	273.52 21.57 2.18	198.22 21.26 139.45	112.57 14.35 81.85	94.79 13.14 40.93	72.66 6.67 14.11	98.38 6.50 0.00
SOUTH_FORK_WT_PWR 323839	51.58 2.87 0.00	50.75 2.47 0.00	42.08 2.07 0.00	36.75 1.98 0.00	38.72 2.24 0.00	48.12 2.62 0.00	57.12 2.51 0.00	54.76 2.79 0.00	28.56 3.24 22.12	31.36 4.07 21.74	57.15 4.78 0.58	60.50 4.34 1.23	62.81 5.43 0.69	78.97 7.52 0.00	87.95 8.68 0.00	98.25 9.58 0.01	129.88 12.67 -5.81	181.46 18.57 1.55	275.84 23.88 2.18	200.01 23.05 139.45	113.15 14.94 81.85	94.38 12.73 40.93	72.47 6.48 14.11	98.29 6.41 0.00
SPIERFLS_115KV_TB 1 80737	51.71 3.00 0.00	51.12 2.84 0.00	42.42 2.41 0.00	37.07 2.29 0.00	38.91 2.43 0.00	48.35 2.85 0.00	57.89 3.28 0.00	54.95 2.98 0.00	50.20 2.76 0.00	51.63 2.60 0.00	55.06 2.11 0.00	59.55 2.16 0.00	61.06 2.99 0.00	75.53 4.07 0.00	84.05 4.78 0.00	94.67 6.00 0.00	118.45 7.06 0.00	176.22 11.77 0.00	274.97 20.83 0.00	342.96 26.55 0.00	196.59 16.53 0.00	140.53 10.96 -6.99	89.06 5.76 -3.20	97.96 6.09 0.00
ST LAWRENCE____ 23600	48.29 -0.42 0.00	47.88 -0.41 0.00	39.51 -0.50 0.00	34.22 -0.56 0.00	35.88 -0.61 0.00	44.96 -0.54 0.00	54.21 -0.40 0.00	51.59 -0.38 0.00	47.00 -0.43 0.00	48.52 -0.50 0.00	52.53 -0.42 0.00	56.85 -0.54 0.00	56.93 -1.14 0.00	69.58 -1.88 0.00	77.02 -2.25 0.00	86.51 -2.17 0.00	108.85 -2.54 0.00	160.74 -3.70 0.00	248.55 -5.58 0.00	309.10 -7.31 0.00	174.85 -5.22 0.00	118.93 -3.66 0.00	78.33 -1.77 0.00	91.02 -0.86 0.00

STATE_CA_115KV_115_LB 55624	49.16 0.45 0.00	48.73 0.45 0.00	40.65 0.64 0.00	35.45 0.68 0.00	37.21 0.73 0.00	46.15 0.64 0.00	55.11 0.49 0.00	52.55 0.58 0.00	47.99 0.55 0.00	49.46 0.43 0.00	53.44 0.49 0.00	57.88 0.48 0.00	59.08 1.01 0.00	72.90 1.45 0.00	81.05 1.77 0.00	90.52 1.85 0.00	113.62 2.23 0.00	167.99 3.55 0.00	259.54 5.40 0.00	322.65 6.24 0.00	184.21 4.15 0.00	130.37 3.12 -4.68	83.16 1.47 -1.60	92.95 1.07 0.00
STATE_ST_34_KV_LOAD 55959	49.72 1.01 0.00	49.18 0.90 0.00	40.56 0.56 0.00	35.35 0.58 0.00	37.09 0.61 0.00	45.99 0.48 0.00	55.63 0.73 -0.28	52.47 0.43 -0.06	47.88 0.45 0.00	49.82 0.79 0.00	53.67 0.72 0.00	58.53 1.14 0.00	59.68 1.61 0.00	73.57 2.12 0.00	81.60 2.33 0.00	90.83 2.16 0.00	113.82 2.43 0.00	168.08 3.64 0.00	261.09 6.77 -0.19	330.18 11.95 -1.82	188.55 7.79 -0.69	129.86 4.72 -2.56	82.57 2.16 -0.31	94.24 1.81 -0.56
STATION_5_MISC_HYD 23604	49.93 1.22 0.00	49.28 0.99 0.00	40.12 0.12 0.00	35.06 0.28 0.00	36.75 0.27 0.00	45.69 0.18 0.00	54.87 0.25 0.00	52.12 0.15 0.00	47.88 0.44 0.00	50.30 1.27 0.00	54.66 1.71 0.00	59.95 2.55 0.00	61.01 2.94 0.00	76.15 4.70 0.00	84.45 5.17 0.00	93.67 4.99 0.00	116.67 5.28 0.00	171.97 7.53 0.00	265.04 10.91 0.00	331.02 14.61 0.00	189.29 9.23 0.00	127.76 5.18 0.00	83.05 2.95 0.00	94.30 2.42 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	49.74 1.03 0.00	49.12 0.84 0.00	40.17 0.16 0.00	35.05 0.27 0.00	36.76 0.28 0.00	45.72 0.21 0.00	55.05 0.31 -0.12	52.15 0.14 -0.03	47.83 0.40 0.00	50.02 0.99 0.00	54.12 1.17 0.00	59.29 1.89 0.00	60.41 2.34 0.00	75.17 3.72 0.00	83.39 4.12 0.00	92.61 3.94 0.00	115.62 4.23 0.00	170.49 6.04 0.00	263.71 9.53 -0.05	330.37 13.52 -0.44	188.75 8.51 -0.17	127.93 4.73 -0.62	82.77 2.59 -0.08	94.00 1.99 -0.13
STA_56_34_KV_BUS2_REV_LBMP_B 345033	49.62 0.91 0.00	48.96 0.68 0.00	39.91 -0.10 0.00	34.86 0.08 0.00	36.55 0.07 0.00	45.45 -0.06 0.00	54.56 -0.05 0.00	51.85 -0.13 0.00	47.64 0.20 0.00	50.01 0.98 0.00	54.33 1.38 0.00	59.59 2.19 0.00	60.63 2.57 0.00	75.66 4.20 0.00	83.96 4.68 0.00	93.18 4.51 0.00	116.16 4.77 0.00	171.22 6.78 0.00	264.09 9.96 0.00	329.71 13.31 0.00	188.44 8.37 0.00	127.15 4.57 0.00	82.63 2.53 0.00	93.78 1.91 0.00
STA_56___34_KV_BUS2 355983	49.62 0.91 0.00	48.96 0.68 0.00	39.91 -0.10 0.00	34.86 0.08 0.00	36.55 0.07 0.00	45.45 -0.06 0.00	54.56 -0.05 0.00	51.85 -0.13 0.00	47.64 0.20 0.00	50.01 0.98 0.00	54.33 1.38 0.00	59.59 2.19 0.00	60.63 2.57 0.00	75.66 4.20 0.00	83.96 4.68 0.00	93.18 4.51 0.00	116.16 4.77 0.00	171.22 6.78 0.00	264.09 9.96 0.00	329.71 13.31 0.00	188.44 8.37 0.00	127.15 4.57 0.00	82.63 2.53 0.00	93.78 1.91 0.00
STA_67___115KV_BK2 355882	49.78 1.07 0.00	49.13 0.84 0.00	40.01 0.00 0.00	34.96 0.18 0.00	36.66 0.17 0.00	45.58 0.07 0.00	54.71 0.09 0.00	51.96 -0.02 0.00	47.71 0.27 0.00	50.11 1.09 0.00	54.45 1.50 0.00	59.70 2.30 0.00	60.71 2.64 0.00	75.79 4.34 0.00	84.06 4.79 0.00	93.24 4.56 0.00	116.16 4.77 0.00	171.19 6.75 0.00	263.98 9.85 0.00	329.71 13.31 0.00	188.54 8.48 0.00	127.27 4.69 0.00	82.78 2.68 0.00	94.00 2.12 0.00
STA_7___115KV_9TRANS 80674	50.30 1.59 0.00	49.62 1.33 0.00	40.39 0.38 0.00	35.28 0.50 0.00	36.98 0.50 0.00	46.01 0.50 0.00	55.24 0.62 0.00	52.48 0.51 0.00	48.24 0.80 0.00	50.70 1.67 0.00	55.14 2.20 0.00	60.51 3.11 0.00	61.59 3.53 0.00	76.93 5.48 0.00	85.32 6.05 0.00	94.64 5.97 0.00	117.90 6.50 0.00	173.67 9.22 0.00	267.65 13.52 0.00	334.25 17.85 0.00	191.04 10.97 0.00	128.83 6.25 0.00	83.69 3.59 0.00	94.97 3.09 0.00
STA_82___115KV_TB1 80780	49.78 1.07 0.00	49.14 0.86 0.00	40.01 0.00 0.00	34.97 0.19 0.00	36.66 0.17 0.00	45.58 0.07 0.00	54.71 0.10 0.00	51.97 -0.01 0.00	47.73 0.30 0.00	50.11 1.09 0.00	54.45 1.50 0.00	59.70 2.30 0.00	60.71 2.64 0.00	75.79 4.34 0.00	84.05 4.78 0.00	93.23 4.56 0.00	116.16 4.77 0.00	171.20 6.76 0.00	264.02 9.89 0.00	329.79 13.38 0.00	188.69 8.62 0.00	127.33 4.75 0.00	82.79 2.70 0.00	94.04 2.16 0.00
STEEL___WIND 323596	50.13 1.41 0.00	49.45 1.17 0.00	39.83 -0.18 0.00	34.92 0.14 0.00	36.59 0.11 0.00	45.40 -0.11 0.00	54.51 -0.10 0.00	51.56 -0.42 0.00	47.48 0.05 0.00	50.23 1.20 0.00	54.64 1.69 0.00	60.00 2.60 0.00	61.15 3.08 0.00	76.59 5.14 0.00	84.85 5.58 0.00	93.59 4.92 0.00	116.58 5.18 0.00	172.18 7.73 0.00	264.71 10.58 0.00	331.06 14.65 0.00	190.22 10.16 0.00	127.78 5.20 0.00	82.99 2.89 0.00	94.06 2.18 0.00
STEPHTWN_115KV_BK_2 55603	49.07 0.36 0.00	48.58 0.30 0.00	40.51 0.50 0.00	35.31 0.54 0.00	37.04 0.56 0.00	46.06 0.56 0.00	54.95 0.34 0.00	52.36 0.39 0.00	47.83 0.40 0.00	49.37 0.33 0.00	53.23 0.28 0.00	57.78 0.38 0.00	58.93 0.86 0.00	72.81 1.36 0.00	80.97 1.70 0.00	90.61 1.94 0.00	113.69 2.30 0.00	167.99 3.55 0.00	259.69 5.56 0.00	322.82 6.41 0.00	184.35 4.29 0.00	129.52 3.21 -3.73	69.80 1.47 11.77	92.47 0.59 0.00
STEBEN_REC_LFGE 323667	51.19 2.48 0.00	50.49 2.21 0.00	41.11 1.10 0.00	35.99 1.21 0.00	37.76 1.28 0.00	46.95 1.45 0.00	56.54 1.93 0.00	53.13 1.16 0.00	48.52 1.08 0.00	50.72 1.69 0.00	54.62 1.67 0.00	59.86 2.46 0.00	61.12 3.05 0.00	76.04 4.59 0.00	84.23 4.96 0.00	93.04 4.36 0.00	116.17 4.77 0.00	171.61 7.17 0.00	266.01 11.82 -0.06	336.61 19.56 -0.63	193.66 13.35 -0.24	130.56 6.91 -1.08	83.69 3.48 -0.11	94.97 2.90 -0.19
STILLWATER___SOLAR 323814	51.29 2.58 0.00	50.73 2.45 0.00	42.19 2.18 0.00	36.80 2.02 0.00	38.62 2.14 0.00	47.98 2.48 0.00	57.39 2.78 0.00	54.55 2.57 0.00	49.75 2.31 0.00	51.19 2.16 0.00	54.96 2.01 0.00	59.46 2.07 0.00	60.77 2.71 0.00	75.14 3.69 0.00	83.54 4.27 0.00	93.64 4.97 0.00	117.52 6.12 0.00	174.32 9.88 0.00	270.65 16.52 0.00	337.73 21.32 0.00	193.27 13.21 0.00	138.30 9.01 -6.71	88.88 5.01 -3.77	97.02 5.14 0.00
STONY___BROOK 24151	50.53 1.82 0.00	50.14 1.86 0.00	41.76 1.75 0.00	36.40 1.62 0.00	38.17 1.69 0.00	47.05 1.54 0.00	55.57 0.96 0.00	53.06 1.09 0.00	26.89 1.47 22.01	29.02 1.62 21.64	54.34 1.97 0.58	57.51 1.35 1.23	59.85 2.47 0.68	75.26 3.82 0.00	84.12 4.85 0.00	94.78 6.12 0.01	132.54 7.65 -13.49	173.62 10.75 1.58	266.36 14.18 1.95	190.03 14.96 141.33	106.99 10.07 83.15	90.06 8.05 40.57	69.83 3.71 13.98	94.96 3.08 0.00
STURGEON_POOL_HYD 23609	50.68 1.97 0.00	50.21 1.93 0.00	41.86 1.85 0.00	36.51 1.73 0.00	38.27 1.79 0.00	47.34 1.84 0.00	56.48 1.87 0.00	53.98 2.01 0.00	49.56 2.12 0.00	51.21 2.18 0.00	55.19 2.24 0.00	59.69 2.29 0.00	60.92 2.86 0.00	75.58 4.13 0.00	84.32 5.05 0.00	94.29 5.62 0.00	118.75 7.36 0.00	175.17 10.73 0.00	269.54 15.41 0.00	334.29 17.88 0.00	190.97 10.90 0.00	131.47 7.83 -1.05	83.15 4.20 1.15	95.53 3.65 0.00

ST_LAW_115_BK7_LBMP 345037	48.29 -0.42 0.00	47.89 -0.39 0.00	39.51 -0.50 0.00	34.20 -0.57 0.00	35.86 -0.63 0.00	44.95 -0.55 0.00	54.22 -0.39 0.00	51.59 -0.39 0.00	46.96 -0.48 0.00	48.47 -0.56 0.00	52.47 -0.47 0.00	56.78 -0.61 0.00	56.83 -1.24 0.00	69.40 -2.05 0.00	76.83 -2.44 0.00	86.28 -2.40 0.00	108.61 -2.79 0.00	160.34 -4.10 0.00	247.88 -6.26 0.00	308.26 -8.15 0.00	174.37 -5.69 0.00	118.61 -3.97 0.00	78.18 -1.91 0.00	90.98 -0.90 0.00
ST_LAW_115_BK8_LBMP 345038	48.29 -0.42 0.00	47.89 -0.39 0.00	39.51 -0.50 0.00	34.20 -0.57 0.00	35.86 -0.63 0.00	44.95 -0.55 0.00	54.22 -0.39 0.00	51.59 -0.39 0.00	46.96 -0.48 0.00	48.47 -0.56 0.00	52.47 -0.47 0.00	56.78 -0.61 0.00	56.83 -1.24 0.00	69.40 -2.05 0.00	76.83 -2.44 0.00	86.28 -2.40 0.00	108.61 -2.79 0.00	160.34 -4.10 0.00	247.88 -6.26 0.00	308.26 -8.15 0.00	174.37 -5.69 0.00	118.61 -3.97 0.00	78.18 -1.91 0.00	90.98 -0.90 0.00
ST_LAW_230_BK5_LBMP 345035	48.29 -0.42 0.00	47.88 -0.41 0.00	39.51 -0.50 0.00	34.22 -0.56 0.00	35.88 -0.61 0.00	44.96 -0.54 0.00	54.21 -0.40 0.00	51.59 -0.38 0.00	47.00 -0.43 0.00	48.52 -0.50 0.00	52.53 -0.42 0.00	56.85 -0.54 0.00	56.93 -1.14 0.00	69.58 -1.88 0.00	77.02 -2.25 0.00	86.51 -2.17 0.00	108.85 -2.54 0.00	160.74 -3.70 0.00	248.55 -5.58 0.00	309.10 -7.31 0.00	174.85 -5.22 0.00	118.93 -3.66 0.00	78.33 -1.77 0.00	91.02 -0.86 0.00
ST_LAW_230_BK6_LBMP 345036	48.29 -0.42 0.00	47.88 -0.41 0.00	39.51 -0.50 0.00	34.22 -0.56 0.00	35.88 -0.61 0.00	44.96 -0.54 0.00	54.21 -0.40 0.00	51.59 -0.38 0.00	47.00 -0.43 0.00	48.52 -0.50 0.00	52.53 -0.42 0.00	56.85 -0.54 0.00	56.93 -1.14 0.00	69.58 -1.88 0.00	77.02 -2.25 0.00	86.51 -2.17 0.00	108.85 -2.54 0.00	160.74 -3.70 0.00	248.55 -5.58 0.00	309.10 -7.31 0.00	174.85 -5.22 0.00	118.93 -3.66 0.00	78.33 -1.77 0.00	91.02 -0.86 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.36 1.65 0.00	49.82 1.54 0.00	41.51 1.51 0.00	36.23 1.45 0.00	37.98 1.50 0.00	46.98 1.47 0.00	56.07 1.45 0.00	53.58 1.61 0.00	49.24 1.80 0.00	50.87 1.84 0.00	54.75 1.80 0.00	59.26 1.86 0.00	60.49 2.43 0.00	75.03 3.59 0.00	83.67 4.40 0.00	93.59 4.92 0.00	117.56 6.17 0.00	173.32 8.88 0.00	266.77 12.63 0.00	331.11 14.70 0.00	189.26 9.19 0.00	129.93 6.72 0.00	83.56 3.46 0.00	94.70 2.82 0.00
SWANROAD_115KV_TB1 355699	48.82 0.11 0.00	48.18 -0.11 0.00	38.59 -1.42 0.00	33.77 -1.00 0.00	35.43 -1.05 0.00	44.02 -1.49 0.00	52.79 -1.83 0.00	49.81 -2.17 0.00	45.94 -1.49 0.00	48.64 -0.39 0.00	52.98 0.03 0.00	58.18 0.78 0.00	59.17 1.10 0.00	74.16 2.71 0.00	81.98 2.71 0.00	90.42 1.75 0.00	112.23 0.84 0.00	165.75 1.30 0.00	254.80 0.67 0.00	318.21 1.80 0.00	182.91 2.84 0.00	122.92 0.34 0.00	80.50 0.40 0.00	91.49 -0.39 0.00
SYNERGY___BIOGAS 323694	50.87 2.16 0.00	50.11 1.83 0.00	40.40 0.39 0.00	35.32 0.54 0.00	37.06 0.57 0.00	46.09 0.59 0.00	55.36 0.75 0.00	52.40 0.43 0.00	48.08 0.64 0.00	50.56 1.53 0.00	54.97 2.03 0.00	60.42 3.02 0.00	60.88 2.82 0.00	75.98 4.53 0.00	84.05 4.77 0.00	93.12 4.45 0.00	115.93 4.54 0.00	171.16 6.72 0.00	265.49 11.36 0.00	333.32 16.91 0.00	191.39 11.33 0.00	128.67 6.09 0.00	83.93 3.83 0.00	96.18 4.30 0.00
SYRACUSE___ENERGY_ST1 323597	48.63 -0.08 0.00	48.12 -0.17 0.00	39.77 -0.24 0.00	34.64 -0.13 0.00	36.34 -0.14 0.00	45.22 -0.28 0.00	54.67 -0.31 -0.37	51.69 -0.37 -0.08	47.20 -0.24 0.00	48.97 -0.05 0.00	52.88 -0.06 0.00	57.59 0.19 0.00	58.61 0.55 0.00	72.42 0.97 0.00	80.41 1.14 0.00	89.68 1.01 0.00	112.55 1.15 0.00	165.92 1.48 0.00	257.23 2.87 -0.22	323.31 4.74 -2.16	184.13 3.24 -0.83	127.36 1.74 -3.04	81.12 0.65 -0.37	92.54 0.00 -0.66
SYRACUSE___ENERGY_ST2 323598	48.63 -0.08 0.00	48.12 -0.17 0.00	39.77 -0.24 0.00	34.64 -0.13 0.00	36.34 -0.14 0.00	45.22 -0.28 0.00	54.67 -0.31 -0.37	51.69 -0.37 -0.08	47.20 -0.24 0.00	48.97 -0.05 0.00	52.88 -0.06 0.00	57.59 0.19 0.00	58.61 0.55 0.00	72.42 0.97 0.00	80.41 1.14 0.00	89.68 1.01 0.00	112.55 1.15 0.00	165.92 1.48 0.00	257.23 2.87 -0.22	323.31 4.74 -2.16	184.13 3.24 -0.83	127.36 1.74 -3.04	81.12 0.65 -0.37	92.54 0.00 -0.66
SYRACUSE___POWER 24017	48.86 0.15 0.00	48.35 0.07 0.00	39.95 -0.06 0.00	34.79 0.01 0.00	36.50 0.02 0.00	45.43 -0.07 0.00	54.66 -0.07 -0.12	51.88 -0.13 -0.03	47.41 -0.02 0.00	49.20 0.17 0.00	53.15 0.20 0.00	57.85 0.45 0.00	58.91 0.84 0.00	72.82 1.36 0.00	80.84 1.57 0.00	90.13 1.45 0.00	113.12 1.72 0.00	166.90 2.45 0.00	258.49 4.21 -0.15	324.12 6.27 -1.44	184.76 4.15 -0.55	126.92 2.32 -2.02	81.39 1.04 -0.25	92.72 0.40 -0.44
TALLMAN_138KV_BK151 55660	50.56 1.85 0.00	49.99 1.71 0.00	41.66 1.65 0.00	36.37 1.59 0.00	38.14 1.65 0.00	47.10 1.59 0.00	56.21 1.59 0.00	53.78 1.80 0.00	49.51 2.07 0.00	51.15 2.12 0.00	55.00 2.06 0.00	59.51 2.11 0.00	60.75 2.68 0.00	75.43 3.97 0.00	84.17 4.89 0.00	94.23 5.56 0.00	118.24 6.85 0.00	174.13 9.69 0.00	267.79 13.65 0.00	332.13 15.72 0.00	189.92 9.85 0.00	130.51 7.29 -0.64	83.83 3.72 0.00	94.90 3.02 0.00
TEALLAVE_115KV_TB7 355573	48.60 -0.11 0.00	48.09 -0.19 0.00	39.73 -0.28 0.00	34.60 -0.18 0.00	36.30 -0.18 0.00	45.18 -0.32 0.00	54.34 -0.39 -0.11	51.59 -0.41 -0.03	47.17 -0.27 0.00	48.97 -0.06 0.00	52.93 -0.01 0.00	57.61 0.21 0.00	58.64 0.57 0.00	72.51 1.06 0.00	80.50 1.22 0.00	89.75 1.08 0.00	112.57 1.17 0.00	166.12 1.67 0.00	257.03 2.77 -0.12	321.83 4.22 -1.20	183.43 2.91 -0.46	125.78 1.51 -1.68	80.88 0.57 -0.20	92.14 -0.11 -0.37
TELGRAPH_34_KV_EAST 80808	49.73 1.02 0.00	49.03 0.74 0.00	39.42 -0.59 0.00	34.50 -0.27 0.00	36.19 -0.29 0.00	44.98 -0.53 0.00	53.98 -0.63 0.00	51.03 -0.94 0.00	46.98 -0.46 0.00	49.61 0.58 0.00	54.01 1.07 0.00	59.35 1.95 0.00	60.28 2.22 0.00	75.54 4.09 0.00	83.54 4.27 0.00	92.17 3.50 0.00	114.60 3.21 0.00	169.55 5.11 0.00	261.25 7.12 0.00	326.79 10.38 0.00	187.69 7.63 0.00	126.16 3.58 0.00	82.32 2.23 0.00	93.58 1.70 0.00
TEMPLE___115KV_TB 2 55572	48.63 -0.08 0.00	48.12 -0.17 0.00	39.76 -0.25 0.00	34.62 -0.16 0.00	36.32 -0.16 0.00	45.21 -0.30 0.00	54.37 -0.34 -0.09	51.62 -0.37 -0.02	47.20 -0.24 0.00	49.00 -0.03 0.00	52.99 0.03 0.00	57.66 0.26 0.00	58.70 0.63 0.00	72.59 1.14 0.00	80.60 1.33 0.00	89.86 1.19 0.00	112.70 1.30 0.00	166.26 1.82 0.00	257.26 3.00 -0.12	322.06 4.46 -1.19	183.58 3.06 -0.45	125.89 1.64 -1.68	80.93 0.63 -0.20	92.20 -0.05 -0.36
TIANA___69_KV_BK 1 55817	50.67 1.96 0.00	50.20 1.91 0.00	41.77 1.76 0.00	36.42 1.64 0.00	38.23 1.75 0.00	47.16 1.65 0.00	55.80 1.18 0.00	53.36 1.39 0.00	27.01 1.69 22.12	29.28 1.98 21.74	54.78 2.41 0.58	58.13 1.96 1.23	60.40 3.02 0.69	76.07 4.62 0.00	84.94 5.67 0.00	95.58 6.92 0.01	126.67 9.45 -5.82	176.83 13.93 1.55	270.51 18.56 2.18	196.68 19.72 139.45	110.80 12.59 81.85	91.50 9.85 40.93	70.57 4.57 14.11	95.85 3.97 0.00

TILDEN___115KV_TB1 80814	48.86 0.15 0.00	48.35 0.07 0.00	39.95 -0.06 0.00	34.79 0.01 0.00	36.50 0.02 0.00	45.43 -0.07 0.00	54.66 -0.07 -0.12	51.88 -0.13 -0.03	47.41 -0.02 0.00	49.20 0.17 0.00	53.15 0.20 0.00	57.85 0.45 0.00	58.91 0.84 0.00	72.82 1.36 0.00	80.84 1.57 0.00	90.13 1.45 0.00	113.12 1.72 0.00	166.90 2.45 0.00	258.49 4.21 -0.15	324.12 6.27 -1.44	184.76 4.15 -0.55	126.92 2.32 -2.02	81.39 1.04 -0.25	92.72 0.40 -0.44
TRIGEN___CC 323695	50.53 1.82 0.00	50.06 1.78 0.00	41.73 1.72 0.00	36.42 1.64 0.00	38.21 1.72 0.00	47.15 1.65 0.00	55.88 1.26 0.00	53.44 1.46 0.00	43.81 1.80 5.43	45.68 1.88 5.23	54.80 1.97 0.12	58.86 1.81 0.35	60.55 2.68 0.19	75.40 3.95 0.00	84.14 4.87 0.00	94.53 5.81 -0.05	118.64 7.17 -0.08	175.07 10.15 -0.48	268.40 14.27 0.00	309.04 16.31 23.68	180.96 9.84 8.95	151.70 7.84 -21.28	91.22 3.78 -7.35	95.08 3.20 0.00
TRINITY___115KV___4 BK 55933	48.93 0.21 0.00	48.53 0.24 0.00	40.48 0.47 0.00	35.30 0.53 0.00	37.03 0.55 0.00	45.95 0.44 0.00	54.85 0.23 0.00	52.29 0.31 0.00	47.74 0.30 0.00	49.18 0.14 0.00	53.11 0.16 0.00	57.51 0.12 0.00	58.69 0.63 0.00	72.40 0.94 0.00	80.46 1.19 0.00	89.85 1.18 0.00	112.78 1.38 0.00	166.65 2.20 0.00	257.52 3.38 0.00	320.18 3.77 0.00	182.93 2.87 0.00	128.76 2.31 -3.87	79.04 0.97 2.03	92.42 0.54 0.00
UNION___PROCESSING_DRP 323587	49.80 1.09 0.00	49.15 0.87 0.00	40.03 0.02 0.00	34.97 0.20 0.00	36.66 0.17 0.00	45.61 0.10 0.00	54.73 0.12 0.00	51.99 0.02 0.00	47.74 0.30 0.00	50.12 1.09 0.00	54.47 1.52 0.00	59.71 2.32 0.00	60.73 2.66 0.00	75.80 4.35 0.00	84.07 4.80 0.00	93.26 4.59 0.00	116.17 4.78 0.00	171.26 6.82 0.00	264.13 10.00 0.00	329.98 13.58 0.00	188.71 8.65 0.00	127.40 4.81 0.00	82.83 2.73 0.00	94.06 2.18 0.00
UPPER HUDSON___HYD 24058	51.71 3.00 0.00	51.12 2.84 0.00	42.42 2.41 0.00	37.06 2.29 0.00	38.91 2.43 0.00	48.35 2.85 0.00	57.89 3.28 0.00	54.95 2.97 0.00	50.20 2.76 0.00	51.63 2.60 0.00	55.06 2.11 0.00	59.55 2.16 0.00	61.06 2.99 0.00	75.52 4.07 0.00	84.05 4.78 0.00	94.68 6.00 0.00	118.45 7.06 0.00	176.21 11.76 0.00	274.96 20.83 0.00	342.95 26.54 0.00	196.59 16.52 0.00	140.53 10.96 -6.99	89.06 5.76 -3.20	97.97 6.09 0.00
UPPER RAQUET___HYD 24056	49.28 0.56 0.00	48.71 0.43 0.00	40.16 0.15 0.00	34.70 -0.08 0.00	36.09 -0.40 0.00	45.38 -0.12 0.00	54.96 0.35 0.00	51.79 -0.18 0.00	46.75 -0.69 0.00	48.02 -1.02 0.00	52.02 -0.93 0.00	56.18 -1.22 0.00	56.17 -1.90 0.00	68.53 -2.92 0.00	75.88 -3.39 0.00	84.69 -3.98 0.00	106.63 -4.76 0.00	157.89 -6.55 0.00	245.55 -8.62 -0.03	307.52 -9.22 -0.34	174.59 -5.61 -0.13	119.31 -3.74 -0.47	78.69 -1.47 -0.06	92.18 0.20 -0.10
VALLEY44_115KV_TB2 355964	50.17 1.46 0.00	49.20 0.92 0.00	39.98 -0.03 0.00	35.17 0.40 0.00	36.88 0.40 0.00	45.75 0.25 0.00	54.97 0.36 0.00	52.16 0.18 0.00	47.91 0.48 0.00	50.60 1.57 0.00	54.61 1.66 0.00	59.56 2.16 0.00	60.45 2.38 0.00	75.71 4.26 0.00	83.77 4.49 0.00	92.21 3.54 0.00	115.07 3.67 0.00	169.44 4.99 0.00	260.58 6.45 0.00	327.19 10.79 0.00	188.63 8.57 0.00	126.68 4.10 0.00	82.35 2.25 0.00	93.16 1.28 0.00
VALLEY___115KV_TB 1-4 80826	49.75 1.04 0.00	49.31 1.02 0.00	41.00 0.99 0.00	35.75 0.98 0.00	37.52 1.03 0.00	46.67 1.17 0.00	55.72 1.11 0.00	52.82 0.85 0.00	47.87 0.44 0.00	49.12 0.09 0.00	52.82 -0.13 0.00	57.22 -0.18 0.00	58.42 0.35 0.00	72.31 0.86 0.00	80.53 1.25 0.00	89.89 1.22 0.00	112.97 1.58 0.00	167.54 3.10 0.00	260.75 6.62 0.00	326.85 10.44 0.00	187.33 7.26 0.00	127.67 5.10 0.00	82.82 2.72 0.00	94.11 2.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.73 2.02 0.00	50.39 2.10 0.00	41.89 1.88 0.00	36.49 1.71 0.00	38.28 1.80 0.00	47.55 2.05 0.00	56.98 2.37 0.00	54.23 2.26 0.00	49.42 1.98 0.00	51.22 2.19 0.00	55.21 2.26 0.00	59.96 2.56 0.00	61.08 3.01 0.00	75.50 4.05 0.00	83.83 4.56 0.00	93.46 4.79 0.00	117.49 6.10 0.00	173.70 9.25 0.00	268.15 13.98 -0.04	334.51 17.69 -0.42	190.68 10.46 -0.16	131.20 7.08 -1.55	84.21 4.03 -0.07	95.87 3.86 -0.13
VISCHER___FERRY HYD 24020	50.31 1.59 0.00	49.79 1.51 0.00	41.51 1.50 0.00	36.21 1.43 0.00	37.97 1.49 0.00	47.13 1.63 0.00	56.30 1.68 0.00	53.59 1.61 0.00	48.93 1.50 0.00	50.35 1.32 0.00	54.24 1.29 0.00	58.71 1.31 0.00	60.00 1.93 0.00	74.09 2.64 0.00	82.32 3.05 0.00	92.03 3.36 0.00	115.43 4.03 0.00	170.79 6.35 0.00	264.14 10.01 0.00	329.06 12.65 0.00	188.22 8.16 0.00	134.22 5.91 -5.73	89.00 3.25 -5.65	95.03 3.15 0.00
V_A_10_SYNC_DSASP 323832	49.22 0.51 0.00	48.59 0.30 0.00	39.32 -0.70 0.00	34.45 -0.32 0.00	36.11 -0.37 0.00	44.84 -0.67 0.00	53.75 -0.86 0.00	50.90 -1.08 0.00	46.83 -0.61 0.00	49.41 0.38 0.00	53.69 0.75 0.00	58.89 1.49 0.00	59.88 1.81 0.00	75.00 3.55 0.00	83.06 3.79 0.00	91.73 3.06 0.00	113.59 2.19 0.00	167.32 2.88 0.00	257.46 3.33 0.00	321.51 5.10 0.00	184.54 4.48 0.00	124.69 2.11 0.00	81.43 1.33 0.00	92.47 0.58 0.00
V_CMM_10_SYNC_DSASP 323787	48.55 -0.16 0.00	48.15 -0.14 0.00	39.72 -0.29 0.00	34.39 -0.39 0.00	36.04 -0.44 0.00	45.20 -0.30 0.00	54.51 -0.11 0.00	51.86 -0.11 0.00	47.20 -0.24 0.00	48.73 -0.30 0.00	52.78 -0.17 0.00	57.11 -0.29 0.00	57.17 -0.90 0.00	69.83 -1.63 0.00	77.29 -1.98 0.00	86.76 -1.91 0.00	109.18 -2.22 0.00	160.66 -3.78 0.00	248.19 -5.94 0.00	308.69 -7.72 0.00	174.61 -5.45 0.00	118.75 -3.83 0.00	78.28 -1.82 0.00	91.41 -0.47 0.00
V_CMP_10_SYNC_DSASP 323788	48.56 -0.15 0.00	48.12 -0.16 0.00	39.64 -0.37 0.00	34.41 -0.36 0.00	36.07 -0.41 0.00	45.05 -0.45 0.00	54.03 -0.58 0.00	51.53 -0.45 0.00	47.08 -0.35 0.00	48.56 -0.47 0.00	52.60 -0.35 0.00	56.90 -0.50 0.00	56.99 -1.09 0.00	69.95 -1.50 0.00	77.58 -1.70 0.00	87.22 -1.46 0.00	109.91 -1.49 0.00	162.66 -1.78 0.00	251.83 -2.31 0.00	314.33 -2.08 0.00	177.48 -2.59 0.00	120.72 -1.86 0.00	79.18 -0.92 0.00	91.66 -0.22 0.00
V_D_10_SYNC_DSASP 323841	48.90 0.19 0.00	48.45 0.16 0.00	39.96 -0.05 0.00	34.58 -0.19 0.00	36.21 -0.27 0.00	45.43 -0.07 0.00	54.90 0.28 0.00	52.13 0.15 0.00	47.35 -0.08 0.00	48.80 -0.23 0.00	52.86 -0.09 0.00	57.19 -0.21 0.00	57.24 -0.83 0.00	69.90 -1.55 0.00	77.38 -1.89 0.00	86.80 -1.87 0.00	109.24 -2.16 0.00	161.37 -3.08 0.00	249.80 -4.33 0.00	310.96 -5.45 0.00	176.06 -4.00 0.00	119.76 -2.82 0.00	79.00 -1.10 0.00	91.94 0.06 0.00
V_E_10_SYNC_DSASP 323830	53.24 4.53 0.00	52.61 4.33 0.00	43.44 3.43 0.00	37.89 3.11 0.00	39.80 3.32 0.00	49.54 4.04 0.00	59.79 5.18 0.00	56.70 4.72 0.00	51.52 4.08 0.00	53.37 4.34 0.00	57.19 4.24 0.00	62.27 4.87 0.00	63.56 5.49 0.00	78.56 7.11 0.00	87.48 8.20 0.00	97.24 8.56 0.00	122.68 11.29 0.00	182.03 17.59 0.00	284.07 29.85 -0.09	359.14 41.83 -0.90	205.09 24.68 -0.34	140.14 15.86 -1.70	89.27 9.02 -0.15	101.03 8.88 -0.27

V_F_30_NSYNC___DSASP 323816	51.36 2.65 0.00	50.81 2.53 0.00	42.23 2.23 0.00	36.84 2.06 0.00	38.66 2.18 0.00	48.03 2.53 0.00	57.46 2.85 0.00	54.63 2.66 0.00	49.83 2.40 0.00	51.29 2.26 0.00	55.10 2.15 0.00	59.65 2.25 0.00	60.96 2.90 0.00	75.35 3.90 0.00	83.81 4.54 0.00	93.90 5.23 0.00	117.83 6.44 0.00	174.80 10.35 0.00	271.26 17.13 0.00	338.36 21.95 0.00	193.61 13.55 0.00	138.63 9.22 -6.84	88.76 5.15 -3.52	97.17 5.29 0.00
V_F_30_SYNC_DSASP 323786	49.16 0.45 0.00	48.73 0.45 0.00	40.64 0.63 0.00	35.45 0.67 0.00	37.21 0.73 0.00	46.15 0.64 0.00	55.11 0.49 0.00	52.55 0.58 0.00	47.99 0.55 0.00	49.46 0.43 0.00	53.43 0.48 0.00	57.87 0.47 0.00	59.08 1.01 0.00	72.89 1.43 0.00	81.03 1.76 0.00	90.51 1.84 0.00	113.61 2.21 0.00	167.98 3.54 0.00	259.53 5.40 0.00	322.60 6.19 0.00	184.20 4.14 0.00	130.28 3.10 -4.61	82.86 1.47 -1.29	92.94 1.06 0.00
V_XM_10_SYNC_DSASP 323789	48.56 -0.15 0.00	48.12 -0.16 0.00	39.64 -0.37 0.00	34.41 -0.36 0.00	36.07 -0.41 0.00	45.05 -0.45 0.00	54.03 -0.58 0.00	51.53 -0.45 0.00	47.08 -0.35 0.00	48.56 -0.47 0.00	52.60 -0.35 0.00	56.90 -0.50 0.00	56.99 -1.09 0.00	69.95 -1.50 0.00	77.58 -1.70 0.00	87.22 -1.46 0.00	109.91 -1.49 0.00	162.66 -1.78 0.00	251.83 -2.31 0.00	314.33 -2.08 0.00	177.48 -2.59 0.00	120.72 -1.86 0.00	79.18 -0.92 0.00	91.66 -0.22 0.00
W.BABYLN_69_KV_BK1 56697	51.10 2.39 0.00	50.67 2.39 0.00	42.18 2.17 0.00	36.77 1.99 0.00	38.57 2.09 0.00	47.55 2.04 0.00	56.27 1.66 0.00	53.76 1.79 0.00	29.40 2.10 20.14	31.46 2.21 19.78	54.90 2.48 0.53	58.40 2.13 1.13	60.48 3.04 0.63	75.90 4.45 0.00	84.72 5.45 0.00	95.55 6.88 0.01	120.24 8.86 0.01	175.78 12.67 1.32	269.49 17.63 2.28	212.34 20.27 124.34	122.07 12.58 70.58	101.92 9.68 30.34	74.32 4.68 10.46	96.10 4.22 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.72 2.01 0.00	50.15 1.86 0.00	41.79 1.78 0.00	36.49 1.72 0.00	38.27 1.79 0.00	47.27 1.77 0.00	56.38 1.77 0.00	53.95 1.98 0.00	49.68 2.24 0.00	51.32 2.29 0.00	55.21 2.26 0.00	59.73 2.34 0.00	61.03 2.96 0.00	75.76 4.31 0.00	84.55 5.28 0.00	94.66 5.99 0.00	118.82 7.42 0.00	175.06 10.62 0.00	269.24 15.11 0.00	333.86 17.45 0.00	190.87 10.81 0.00	131.10 7.87 -0.65	84.19 4.10 0.00	95.30 3.42 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.92 2.20 0.00	50.46 2.17 0.00	42.15 2.14 0.00	36.79 2.01 0.00	38.60 2.12 0.00	47.66 2.16 0.00	56.77 2.15 0.00	54.32 2.35 0.00	50.15 2.71 0.00	51.78 2.75 0.00	55.61 2.66 0.00	60.08 2.68 0.00	61.37 3.30 0.00	76.20 4.75 0.00	85.02 5.74 0.00	95.25 6.58 0.00	119.54 8.15 0.00	176.01 11.57 0.00	270.57 16.43 0.00	335.22 18.81 0.00	191.53 11.47 0.00	131.58 8.33 -0.67	84.87 4.42 -0.35	95.61 3.73 0.00
W50THST__13_KV_LOAD 356117	51.18 2.47 0.00	50.75 2.47 0.00	42.42 2.41 0.00	37.03 2.26 0.00	38.85 2.37 0.00	48.01 2.50 0.00	57.19 2.57 0.00	54.71 2.74 0.00	50.57 3.14 0.00	52.26 3.23 0.00	56.07 3.13 0.00	60.58 3.18 0.00	61.88 3.81 0.00	76.84 5.39 0.00	85.73 6.46 0.00	96.05 7.38 0.00	120.54 9.15 0.00	177.41 12.97 0.00	272.60 18.47 0.00	337.53 21.12 0.00	192.75 12.68 0.00	132.37 9.12 -0.67	85.35 4.90 -0.35	96.13 4.25 0.00
WADING RIVER_IC_1 23522	49.91 1.20 0.00	49.48 1.20 0.00	41.24 1.23 0.00	35.94 1.16 0.00	37.71 1.23 0.00	46.46 0.95 0.00	54.94 0.32 0.00	52.49 0.52 0.00	26.03 0.72 22.13	28.16 0.88 21.75	53.52 1.15 0.58	56.74 0.58 1.24	58.99 1.61 0.69	74.26 2.81 0.00	82.96 3.69 0.00	93.41 4.75 0.01	123.90 6.85 -5.66	172.91 10.01 1.55	264.57 12.61 2.17	189.46 12.50 139.45	107.25 9.03 81.84	88.91 7.29 40.97	69.01 3.03 14.12	94.17 2.29 0.00
WADING RIVER_IC_2 23547	49.91 1.20 0.00	49.48 1.20 0.00	41.24 1.23 0.00	35.94 1.16 0.00	37.71 1.23 0.00	46.46 0.95 0.00	54.94 0.32 0.00	52.49 0.52 0.00	26.03 0.72 22.13	28.16 0.88 21.75	53.52 1.15 0.58	56.74 0.58 1.24	58.99 1.61 0.69	74.26 2.81 0.00	82.96 3.69 0.00	93.41 4.75 0.01	123.90 6.85 -5.66	172.91 10.01 1.55	264.57 12.61 2.17	189.46 12.50 139.45	107.25 9.03 81.84	88.91 7.29 40.97	69.01 3.03 14.12	94.17 2.29 0.00
WADING RIVER_IC_3 23601	49.91 1.20 0.00	49.48 1.20 0.00	41.24 1.23 0.00	35.94 1.16 0.00	37.71 1.23 0.00	46.46 0.95 0.00	54.94 0.32 0.00	52.49 0.52 0.00	26.03 0.72 22.13	28.16 0.88 21.75	53.52 1.15 0.58	56.74 0.58 1.24	58.99 1.61 0.69	74.26 2.81 0.00	82.96 3.69 0.00	93.41 4.75 0.01	123.90 6.85 -5.66	172.91 10.01 1.55	264.57 12.61 2.17	189.46 12.50 139.45	107.25 9.03 81.84	88.91 7.29 40.97	69.01 3.03 14.12	94.17 2.29 0.00
WALDENNY_12_KV_BK2 80841	50.21 1.50 0.00	49.51 1.22 0.00	39.85 -0.16 0.00	34.92 0.14 0.00	36.60 0.12 0.00	45.45 -0.05 0.00	54.54 -0.07 0.00	51.59 -0.38 0.00	47.55 0.11 0.00	50.33 1.30 0.00	54.78 1.83 0.00	60.18 2.78 0.00	61.33 3.26 0.00	76.88 5.43 0.00	85.13 5.85 0.00	93.94 5.27 0.00	117.02 5.63 0.00	172.71 8.26 0.00	265.69 11.56 0.00	332.23 15.82 0.00	190.78 10.71 0.00	128.00 5.42 0.00	83.17 3.07 0.00	94.25 2.37 0.00
WALDEN___HYDRO 24148	50.78 2.07 0.00	50.24 1.95 0.00	41.86 1.84 0.00	36.51 1.73 0.00	38.29 1.81 0.00	47.38 1.88 0.00	56.56 1.94 0.00	54.05 2.08 0.00	49.65 2.21 0.00	51.26 2.23 0.00	55.20 2.25 0.00	59.73 2.33 0.00	60.97 2.90 0.00	75.66 4.20 0.00	84.40 5.12 0.00	94.47 5.80 0.00	118.86 7.46 0.00	175.42 10.98 0.00	270.19 16.06 0.00	335.51 19.10 0.00	191.69 11.63 0.00	131.61 8.34 -0.69	84.60 4.50 0.00	95.85 3.97 0.00
WARRENSBURG____ 23737	51.71 3.00 0.00	51.12 2.84 0.00	42.42 2.41 0.00	37.07 2.29 0.00	38.91 2.43 0.00	48.35 2.85 0.00	57.89 3.28 0.00	54.95 2.98 0.00	50.20 2.76 0.00	51.63 2.60 0.00	55.06 2.11 0.00	59.55 2.16 0.00	61.06 2.99 0.00	75.53 4.07 0.00	84.05 4.78 0.00	94.67 6.00 0.00	118.45 7.06 0.00	176.22 11.77 0.00	274.97 20.83 0.00	342.96 26.55 0.00	196.59 16.53 0.00	140.53 10.96 -6.99	89.06 5.76 -3.20	97.96 6.09 0.00
WATERSIDE___6 8 9 23538	50.73 2.02 0.00	50.38 2.10 0.00	42.13 2.13 0.00	36.76 1.98 0.00	38.56 2.07 0.00	47.57 2.06 0.00	56.57 1.96 0.00	54.14 2.16 0.00	50.08 2.65 0.00	51.60 2.57 0.00	55.35 2.40 0.00	59.76 2.36 0.00	61.04 2.97 0.00	75.77 4.32 0.00	84.52 5.25 0.00	94.71 6.03 0.00	118.84 7.45 0.01	174.96 10.53 0.01	253.59 14.78 15.32	318.92 16.91 14.40	159.82 10.37 30.61	112.22 7.61 17.96	74.22 3.96 9.84	86.92 3.24 8.20
WATKINRD_115KV_LN8_ILLION 55919	49.43 0.72 0.00	48.99 0.71 0.00	40.72 0.71 0.00	35.49 0.71 0.00	37.23 0.75 0.00	46.32 0.82 0.00	55.37 0.76 0.00	52.54 0.57 0.00	47.72 0.29 0.00	49.05 0.03 0.00	52.80 -0.15 0.00	57.22 -0.18 0.00	58.29 0.22 0.00	72.06 0.60 0.00	80.17 0.90 0.00	89.53 0.85 0.00	112.49 1.10 0.00	166.64 2.20 0.00	258.81 4.68 0.00	323.84 7.43 0.00	185.25 5.19 0.00	126.31 3.73 0.00	82.05 1.95 0.00	93.39 1.52 0.00

WDELAWARE___HYD 323627	49.50 0.79 0.00	48.96 0.68 0.00	40.76 0.75 0.00	35.53 0.76 0.00	37.26 0.78 0.00	46.12 0.61 0.00	54.87 0.25 0.00	52.44 0.46 0.00	48.34 0.91 0.00	50.01 0.97 0.00	54.10 1.15 0.00	58.48 1.08 0.00	59.07 1.00 0.00	73.30 1.85 0.00	82.27 3.00 0.00	92.63 3.96 0.00	117.01 5.62 0.00	173.12 8.68 0.00	266.71 12.57 0.00	330.99 14.58 0.00	188.97 8.91 0.00	129.62 6.31 -0.73	83.23 3.13 0.00	94.25 2.37 0.00
WEST BABYLON___IC 23714	51.10 2.39 0.00	50.67 2.39 0.00	42.18 2.17 0.00	36.77 1.99 0.00	38.57 2.09 0.00	47.55 2.04 0.00	56.27 1.66 0.00	53.76 1.79 0.00	29.40 2.10 20.14	31.46 2.21 19.78	54.90 2.48 0.53	58.40 2.13 1.13	60.48 3.04 0.63	75.90 4.45 0.00	84.72 5.45 0.00	95.55 6.88 0.01	120.24 8.86 0.01	175.78 12.67 1.32	269.49 17.63 2.28	212.34 20.27 124.34	122.07 12.58 70.58	101.92 9.68 30.34	74.32 4.68 10.46	96.10 4.22 0.00
WEST CANADA___HYD 24049	48.93 0.22 0.00	48.50 0.21 0.00	40.25 0.24 0.00	35.02 0.24 0.00	36.74 0.26 0.00	45.76 0.25 0.00	54.84 0.22 0.00	52.18 0.21 0.00	47.60 0.16 0.00	49.18 0.15 0.00	53.06 0.11 0.00	57.52 0.12 0.00	58.35 0.28 0.00	71.93 0.48 0.00	79.82 0.55 0.00	89.20 0.53 0.00	111.95 0.56 0.00	165.31 0.87 0.00	255.67 1.54 0.00	318.35 1.93 0.00	181.53 1.47 0.00	123.67 1.09 0.00	80.66 0.56 0.00	92.25 0.37 0.00
WESTERN_NY_WIND 24143	50.80 2.09 0.00	50.03 1.75 0.00	40.33 0.32 0.00	35.26 0.48 0.00	37.00 0.52 0.00	46.01 0.50 0.00	55.29 0.67 0.00	52.31 0.33 0.00	47.99 0.55 0.00	50.47 1.44 0.00	54.89 1.94 0.00	60.32 2.92 0.00	60.86 2.79 0.00	76.01 4.56 0.00	84.07 4.80 0.00	93.17 4.50 0.00	115.96 4.56 0.00	171.19 6.74 0.00	265.51 11.38 0.00	333.34 16.93 0.00	191.42 11.36 0.00	128.70 6.12 0.00	83.92 3.82 0.00	96.05 4.17 0.00
WESTOVER___LESR 323668	49.51 0.80 0.00	49.08 0.80 0.00	40.53 0.52 0.00	35.35 0.57 0.00	37.10 0.62 0.00	46.07 0.57 0.00	55.49 0.87 0.00	52.41 0.43 0.00	47.91 0.47 0.00	49.83 0.80 0.00	53.63 0.69 0.00	58.44 1.05 0.00	59.79 1.72 0.00	73.86 2.40 0.00	82.00 2.73 0.00	91.05 2.37 0.00	114.20 2.81 0.00	168.26 3.81 0.00	259.87 5.65 -0.09	326.41 9.14 -0.86	186.67 6.28 -0.33	127.92 3.85 -1.50	82.05 1.81 -0.15	93.38 1.24 -0.26
WETHRSFD_WT_PWR 323626	49.84 1.13 0.00	49.21 0.93 0.00	39.86 -0.15 0.00	34.91 0.13 0.00	36.59 0.10 0.00	45.41 -0.10 0.00	54.60 -0.02 0.00	51.33 -0.64 0.00	46.97 -0.47 0.00	49.38 0.34 0.00	53.47 0.52 0.00	58.68 1.28 0.00	59.85 1.78 0.00	74.66 3.21 0.00	82.69 3.42 0.00	91.24 2.56 0.00	113.71 2.32 0.00	167.84 3.40 0.00	259.15 5.02 0.00	326.51 10.10 0.00	188.06 7.99 0.00	126.44 3.86 0.00	81.96 1.86 0.00	93.07 1.19 0.00
WHAVSTOR_138KV_BK127 55557	50.46 1.75 0.00	49.92 1.64 0.00	41.61 1.60 0.00	36.33 1.56 0.00	38.11 1.63 0.00	47.06 1.55 0.00	56.12 1.50 0.00	53.68 1.70 0.00	49.41 1.98 0.00	51.03 2.00 0.00	54.87 1.93 0.00	59.36 1.96 0.00	60.59 2.53 0.00	75.21 3.76 0.00	83.91 4.64 0.00	93.92 5.25 0.00	117.89 6.49 0.00	173.66 9.22 0.00	267.15 13.02 0.00	331.33 14.92 0.00	189.48 9.42 0.00	130.22 6.98 -0.65	83.96 3.55 -0.32	94.72 2.85 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.46 1.75 0.00	49.92 1.64 0.00	41.61 1.60 0.00	36.33 1.56 0.00	38.11 1.63 0.00	47.06 1.55 0.00	56.12 1.50 0.00	53.68 1.70 0.00	49.41 1.98 0.00	51.03 2.00 0.00	54.87 1.93 0.00	59.36 1.96 0.00	60.59 2.53 0.00	75.21 3.76 0.00	83.91 4.64 0.00	93.92 5.25 0.00	117.89 6.49 0.00	173.66 9.22 0.00	267.15 13.02 0.00	331.33 14.92 0.00	189.48 9.42 0.00	130.22 6.98 -0.65	83.96 3.55 -0.32	94.72 2.85 0.00
WHITEHAL_115KV_TB1 80871	53.87 5.15 0.00	53.05 4.77 0.00	43.80 3.79 0.00	38.46 3.69 0.00	40.53 4.05 0.00	50.35 4.84 0.00	60.20 5.58 0.00	56.65 4.68 0.00	51.92 4.49 0.00	53.26 4.24 0.00	56.49 3.54 0.00	60.77 3.37 0.00	62.93 4.87 0.00	78.25 6.80 0.00	86.91 7.64 0.00	98.55 9.87 0.00	122.88 11.49 0.00	182.78 18.33 0.00	283.10 28.97 0.00	353.83 37.42 0.00	203.69 23.62 0.00	144.58 15.07 -6.93	91.73 8.30 -3.33	101.15 9.27 0.00
WHITEPLN_13_KV_LOAD 356215	51.30 2.59 0.00	50.78 2.50 0.00	42.33 2.32 0.00	36.94 2.17 0.00	38.74 2.26 0.00	47.90 2.39 0.00	57.15 2.54 0.00	54.69 2.72 0.00	50.43 2.99 0.00	52.15 3.12 0.00	56.15 3.20 0.00	60.66 3.26 0.00	62.01 3.95 0.00	77.05 5.60 0.00	85.99 6.72 0.00	96.34 7.66 0.00	121.04 9.65 0.00	178.45 14.00 0.00	274.46 20.33 0.00	340.13 23.72 0.00	194.20 14.14 0.00	133.28 10.03 -0.67	85.85 5.41 -0.35	96.67 4.79 0.00
WM_FLOYD_69_KV_BK2 356380	50.40 1.69 0.00	49.99 1.71 0.00	41.64 1.63 0.00	36.29 1.52 0.00	38.08 1.60 0.00	46.90 1.40 0.00	55.46 0.84 0.00	52.98 1.01 0.00	26.68 1.32 22.07	28.81 1.47 21.69	54.10 1.73 0.58	57.40 1.23 1.23	59.65 2.27 0.69	75.02 3.57 0.00	83.76 4.49 0.00	94.34 5.68 0.01	125.79 7.77 -6.62	174.34 11.47 1.57	267.20 15.26 2.19	193.41 16.48 139.48	108.96 10.78 81.88	90.33 8.52 40.76	69.88 3.83 14.05	95.01 3.14 0.00
WOODARD___115KV_TB2 355635	48.50 -0.21 0.00	48.01 -0.28 0.00	39.67 -0.34 0.00	34.54 -0.24 0.00	36.24 -0.25 0.00	45.11 -0.39 0.00	54.40 -0.47 -0.26	51.55 -0.48 -0.06	47.08 -0.36 0.00	48.84 -0.19 0.00	52.79 -0.16 0.00	57.45 0.06 0.00	58.47 0.40 0.00	72.26 0.81 0.00	80.21 0.94 0.00	89.47 0.80 0.00	112.24 0.85 0.00	165.62 1.18 0.00	256.35 2.05 -0.16	321.27 3.28 -1.58	183.02 2.35 -0.60	126.00 1.19 -2.22	80.73 0.36 -0.27	92.06 -0.30 -0.48
WOODMERE_69_KV_BK1 55827	51.52 2.80 0.00	50.97 2.69 0.00	42.37 2.36 0.00	36.97 2.19 0.00	38.79 2.31 0.00	47.88 2.37 0.00	56.81 2.19 0.00	54.33 2.36 0.00	49.08 2.59 0.95	50.88 2.61 0.76	55.80 2.84 -0.01	60.03 2.76 0.13	61.43 3.44 0.07	76.50 5.05 0.00	85.53 6.26 0.00	96.26 7.42 -0.16	120.35 8.70 -0.25	178.80 12.56 -1.80	272.10 17.97 0.00	339.10 20.88 -1.81	205.07 12.25 -12.76	221.78 9.59 -89.61	115.82 4.99 -30.72	96.35 4.47 0.00
YORK___WARBASSE 23770	50.98 2.26 0.00	50.58 2.30 0.00	42.29 2.29 0.00	36.89 2.11 0.00	38.69 2.21 0.00	47.69 2.18 0.00	56.72 2.10 0.00	54.35 2.38 0.00	50.28 2.84 0.00	51.69 2.66 0.00	55.46 2.51 0.00	59.85 2.45 0.00	61.14 3.07 0.00	75.94 4.49 0.00	84.72 5.45 0.00	94.96 6.28 0.00	119.18 7.78 0.01	175.44 11.00 0.01	260.95 15.95 9.13	329.92 18.39 4.88	181.14 11.24 10.17	131.45 8.21 -0.66	84.81 4.36 -0.35	95.57 3.69 0.00