

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/11/2025

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	51.43	44.71	41.34	37.42	37.31	40.75	45.77	49.34	51.32	53.74	58.05	66.68	75.19	100.81	109.67	118.06	147.06	186.86	194.84	163.56	149.11	109.21	77.26	65.48
24138	1.69	1.51	1.44	1.30	1.33	1.53	1.93	2.12	2.68	2.75	2.82	2.87	2.96	4.53	5.22	7.31	11.14	14.59	12.00	8.97	6.56	3.25	1.59	1.53
	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	-8.31	-24.93	-26.49	-16.42	-7.55	0.00	0.00
74TH STREET_GT_1	51.48	44.79	41.42	37.46	37.35	40.78	45.77	49.34	51.32	53.74	58.00	66.61	75.19	100.71	109.56	117.95	147.06	186.86	195.00	163.70	149.24	109.31	77.34	65.54
24260	1.74	1.60	1.52	1.34	1.37	1.57	1.93	2.12	2.68	2.75	2.76	2.81	2.96	4.43	5.12	7.20	11.14	14.59	12.16	9.10	6.68	3.35	1.66	1.60
	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	-8.31	-24.93	-26.50	-16.42	-7.56	0.00	0.00
74TH STREET_GT_2	51.48	44.79	41.42	37.46	37.35	40.78	45.77	49.34	51.32	53.74	58.00	66.61	75.19	100.71	109.56	117.95	147.06	186.86	195.00	163.70	149.24	109.31	77.34	65.54
24261	1.74	1.60	1.52	1.34	1.37	1.57	1.93	2.12	2.68	2.75	2.76	2.81	2.96	4.43	5.12	7.20	11.14	14.59	12.16	9.10	6.68	3.35	1.66	1.60
	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	-8.31	-24.93	-26.50	-16.42	-7.56	0.00	0.00
ADK HUDSON___FALLS	52.12	45.23	41.82	37.79	37.67	41.18	45.90	49.44	50.49	52.21	55.90	64.57	73.02	98.02	107.26	115.29	143.39	258.86	422.67	406.87	302.18	181.86	80.06	67.33
24011	2.39	2.03	1.92	1.66	1.69	1.96	2.06	2.22	1.85	1.22	0.66	0.77	0.79	1.73	2.82	4.54	7.48	10.49	11.53	9.61	9.21	6.69	4.39	3.39
	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	-84.41	-253.22	-269.15	-166.84	-76.75	0.00	0.00
ADK RESOURCE___RCVRY	52.37	45.44	42.01	37.93	37.81	41.37	46.08	49.67	50.64	52.36	56.01	64.70	73.16	98.40	107.57	115.74	144.07	260.47	425.32	409.37	304.24	183.07	80.67	67.72
23798	2.63	2.24	2.11	1.81	1.83	2.16	2.23	2.45	2.00	1.38	0.77	0.89	0.94	2.12	3.13	4.99	8.15	11.64	12.79	10.63	10.34	7.48	4.99	3.77
	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	-84.87	-254.62	-270.64	-167.77	-77.18	0.00	0.00
ADK S GLENS___FALLS	52.12	45.23	41.82	37.79	37.67	41.18	45.90	49.44	50.49	52.21	55.90	64.57	73.02	98.02	107.26	115.29	143.39	258.86	422.67	406.87	302.18	181.86	80.06	67.33
24028	2.39	2.03	1.92	1.66	1.69	1.96	2.06	2.22	1.85	1.22	0.66	0.77	0.79	1.73	2.82	4.54	7.48	10.49	11.53	9.61	9.21	6.69	4.39	3.39
	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	-84.41	-253.22	-269.15	-166.84	-76.75	0.00	0.00
ADK_NYS___DAM	51.63	44.84	41.45	37.61	37.49	40.90	45.69	49.20	50.68	52.57	56.40	64.89	73.45	98.59	107.57	115.96	144.07	234.63	346.47	326.00	249.86	156.28	77.87	65.67
23527	1.89	1.64	1.55	1.48	1.51	1.69	1.84	1.98	2.04	1.58	1.16	1.08	1.23	2.31	3.13	5.21	8.15	10.82	9.00	7.04	5.42	3.44	2.20	1.73
	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	-59.85	-179.56	-190.86	-118.31	-54.43	0.00	0.00
AIR_PRODUCTS___DRP	50.73	44.06	40.78	36.99	36.84	40.12	44.81	48.21	49.61	51.70	55.79	64.32	72.73	97.25	105.91	113.41	140.40	214.73	297.09	274.51	217.28	140.74	76.58	64.84
24190	0.99	0.86	0.88	0.87	0.86	0.90	0.96	0.99	0.97	0.71	0.55	0.51	0.51	0.96	1.46	2.66	4.49	6.07	5.05	3.84	2.77	1.67	0.91	0.90
	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	-44.71	-134.12	-142.56	-88.37	-40.65	0.00	0.00
AKWESSNE_115KV_BK	50.28	43.71	40.38	36.63	36.45	39.73	44.41	47.83	49.13	51.50	55.90	64.38	73.02	96.28	104.03	108.98	132.65	159.86	153.97	124.52	123.99	97.92	74.95	62.00
355683	0.55	0.52	0.48	0.51	0.47	0.51	0.57	0.61	0.49	0.51	0.66	0.57	0.79	0.00	-0.42	-1.77	-3.26	-4.10	-3.95	-3.59	-2.14	-0.49	1.06	0.96
	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	1.78	2.91
ALBANY_1_SOLAR	50.33	43.76	40.46	36.67	36.55	39.81	44.37	47.69	48.79	50.68	54.63	62.91	71.14	94.27	100.49	105.76	131.86	170.57	213.61	196.23	165.38	119.45	76.05	64.40
323833	0.60	0.56	0.56	0.54	0.57	0.59	0.53	0.47	0.15	-0.30	-0.61	-0.89	-1.08	-0.77	-0.31	0.67	2.04	3.45	2.68	2.04	1.39	0.78	0.38	0.45
	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	1.24	3.64	5.66	6.09	-3.17	-53.02	-66.08	-37.86	-20.25	0.00	0.00
ALBANY_2_SOLAR	50.33	43.72	40.46	36.67	36.52	39.81	44.37	47.69	48.79	50.68	54.57	62.91	71.14	94.17	100.49	105.77	131.87	170.58	213.44	196.21	165.37	119.35	75.98	64.40
323834	0.60	0.52	0.56	0.54	0.54	0.59	0.53	0.47	0.15	-0.30	-0.66	-0.89	-1.08	-0.87	-0.31	0.67	2.04	3.45	2.52	2.04	1.39	0.69	0.30	0.45
	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	1.24	3.64	5.65	6.09	-3.17	-53.00	-66.06	-37.85	-20.25	0.00	0.00
ALBANY___1	50.73	44.06	40.78	36.99	36.84	40.12	44.81	48.21	49.61	51.70	55.79	64.32	72.73	97.25	105.91	113.41	140.40	214.73	297.09	274.51	217.28	140.74	76.58	64.84
23571	0.99	0.86	0.88	0.87	0.86	0.90	0.96	0.99	0.97	0.71	0.55	0.51	0.51	0.96	1.46	2.66	4.49	6.07	5.05	3.84	2.77	1.67	0.91	0.90
	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	-44.71	-134.12	-142.56	-88.37	-40.65	0.00	0.00

ALBANY___2 23572	50.73 0.99 0.00	44.06 0.86 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.84 0.86 0.00	40.12 0.90 0.00	44.81 0.96 0.00	48.21 0.99 0.00	49.61 0.97 0.00	51.70 0.71 0.00	55.79 0.55 0.00	64.32 0.51 0.00	72.73 0.51 0.00	97.25 0.96 0.00	105.91 1.46 0.00	113.41 2.66 0.00	140.40 4.49 0.00	214.73 6.07 -44.71	297.09 5.05 -134.12	274.51 3.84 -142.56	217.28 2.77 -88.37	140.74 1.67 -40.65	76.58 0.91 0.00	64.84 0.90 0.00
ALBANY___3 23573	50.73 0.99 0.00	44.06 0.86 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.84 0.86 0.00	40.12 0.90 0.00	44.81 0.96 0.00	48.21 0.99 0.00	49.61 0.97 0.00	51.70 0.71 0.00	55.79 0.55 0.00	64.32 0.51 0.00	72.73 0.51 0.00	97.25 0.96 0.00	105.91 1.46 0.00	113.41 2.66 0.00	140.40 4.49 0.00	214.73 6.07 -44.71	297.09 5.05 -134.12	274.51 3.84 -142.56	217.28 2.77 -88.37	140.74 1.67 -40.65	76.58 0.91 0.00	64.84 0.90 0.00
ALBANY___4 23574	50.73 0.99 0.00	44.06 0.86 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.84 0.86 0.00	40.12 0.90 0.00	44.81 0.96 0.00	48.21 0.99 0.00	49.61 0.97 0.00	51.70 0.71 0.00	55.79 0.55 0.00	64.32 0.51 0.00	72.73 0.51 0.00	97.25 0.96 0.00	105.91 1.46 0.00	113.41 2.66 0.00	140.40 4.49 0.00	214.73 6.07 -44.71	297.09 5.05 -134.12	274.51 3.84 -142.56	217.28 2.77 -88.37	140.74 1.67 -40.65	76.58 0.91 0.00	64.84 0.90 0.00
ALBANY___LFGE 323615	51.08 1.34 0.00	44.40 1.21 0.00	41.06 1.16 0.00	37.21 1.08 0.00	37.10 1.12 0.00	40.39 1.18 0.00	45.12 1.27 0.00	48.59 1.37 0.00	49.95 1.31 0.00	52.01 1.02 0.00	56.12 0.88 0.00	64.70 0.89 0.00	73.16 0.94 0.00	98.02 1.73 0.00	106.95 2.50 0.00	114.52 3.77 0.00	141.75 5.84 0.00	228.27 7.87 -56.44	334.03 6.79 -169.33	313.22 5.13 -179.99	241.86 4.16 -111.57	152.40 2.66 -51.33	77.34 1.66 0.00	65.42 1.47 0.00
ALCOA_PA_115KV_PL-6C 55860	50.83 1.09 0.00	44.19 0.99 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.85 1.01 0.00	48.35 1.13 0.00	49.56 0.92 0.00	52.01 1.02 0.00	56.39 1.16 0.00	65.02 1.21 0.00	73.74 1.52 0.00	96.76 0.48 0.00	104.03 -0.42 0.00	109.09 -1.66 0.00	132.65 -3.26 0.00	160.19 -3.77 0.00	154.28 -3.63 0.00	124.90 -3.20 0.00	124.49 -1.64 0.00	98.22 -0.20 0.00	97.32 1.97 -19.68	97.90 1.79 -32.16
ALCOA_RYNLDS___DRP 24188	50.83 1.09 0.00	44.19 0.99 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.85 1.01 0.00	48.35 1.13 0.00	49.56 0.92 0.00	52.01 1.02 0.00	56.39 1.16 0.00	65.02 1.21 0.00	73.74 1.52 0.00	96.76 0.48 0.00	104.03 -0.42 0.00	109.09 -1.66 0.00	132.65 -3.26 0.00	160.19 -3.77 0.00	154.28 -3.63 0.00	124.90 -3.20 0.00	124.49 -1.64 0.00	98.22 -0.20 0.00	97.32 1.97 -19.68	97.90 1.79 -32.16
ALCOA___DSASP 323711	50.83 1.09 0.00	44.19 0.99 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.85 1.01 0.00	48.26 1.04 0.00	49.56 0.92 0.00	52.01 1.02 0.00	56.40 1.16 0.00	65.02 1.21 0.00	73.81 1.59 0.00	96.67 0.39 0.00	104.03 -0.42 0.00	109.09 -1.66 0.00	132.65 -3.26 0.00	160.19 -3.76 0.00	154.29 -3.63 0.00	124.91 -3.20 0.00	124.49 -1.64 0.00	98.41 0.00 0.00	97.32 1.96 -19.68	97.89 1.79 -32.16
ALLEGHENY___COGEN 23514	52.62 2.88 0.00	45.57 2.37 0.00	41.82 1.92 0.00	37.42 1.30 0.00	37.13 1.15 0.00	40.67 1.45 0.00	45.47 1.62 0.00	48.54 1.32 0.00	49.18 0.54 0.00	50.63 -0.35 0.00	54.85 -0.38 0.00	64.51 0.70 0.00	72.51 0.29 0.00	91.76 -4.52 0.00	99.85 -4.59 0.00	107.32 -3.43 0.00	132.25 -3.66 0.00	158.21 -5.74 0.00	158.39 0.48 0.00	134.00 5.90 0.00	131.67 5.54 0.00	100.57 2.16 0.00	79.83 4.16 0.00	66.95 3.01 0.00
ALTAMONT_115KV_TB 2 55880	50.38 0.65 0.00	43.80 0.60 0.00	40.50 0.60 0.00	36.74 0.61 0.00	36.63 0.65 0.00	39.88 0.67 0.00	44.50 0.66 0.00	47.93 0.71 0.00	49.37 0.73 0.00	51.45 0.46 0.00	55.57 0.33 0.00	64.06 0.26 0.00	72.44 0.22 0.00	96.93 0.58 -0.07	105.70 1.04 -0.21	113.07 1.99 -0.33	139.66 3.40 -0.35	206.58 4.75 -37.87	273.12 4.11 -111.10	248.84 3.20 -117.53	201.43 2.27 -73.03	133.13 1.28 -33.43	76.28 0.61 0.00	64.58 0.64 0.00
ALTONA_WT_PWR 323606	49.84 0.10 0.00	43.54 0.34 0.00	40.22 0.32 0.00	36.52 0.40 0.00	36.38 0.40 0.00	39.69 0.47 0.00	44.37 0.53 0.00	47.59 0.38 0.00	48.98 0.34 0.00	51.45 0.46 0.00	55.84 0.61 0.00	64.38 0.57 0.00	73.09 0.87 0.00	96.19 -0.10 0.00	103.92 -0.52 0.00	108.97 -1.78 0.00	132.65 -3.26 0.00	160.02 -3.94 0.00	154.29 -3.63 0.00	124.77 -3.33 0.00	124.11 -2.02 0.00	97.83 -0.59 0.00	76.51 0.83 0.00	64.52 0.57 0.00
AMERICAN_REF_FUEL 24010	49.39 -0.35 0.00	42.72 -0.47 0.00	39.06 -0.84 0.00	35.18 -0.94 0.00	35.01 -0.97 0.00	38.00 -1.22 0.00	42.31 -1.54 0.00	44.91 -2.31 0.00	46.55 -2.09 0.00	50.63 -0.35 0.00	55.62 0.39 0.00	66.10 2.29 0.00	73.89 1.66 0.00	98.69 2.41 0.00	105.59 1.15 0.00	113.40 2.65 0.00	137.67 1.76 0.00	159.86 -4.09 0.00	157.92 0.00 0.00	133.73 5.63 0.00	130.54 4.41 0.00	99.89 1.48 0.00	75.98 0.30 0.00	64.91 0.96 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	50.28 0.55 0.00	43.54 0.34 0.00	39.66 -0.24 0.00	35.33 -0.79 0.00	35.12 -0.86 0.00	38.39 -0.83 0.00	43.01 -0.83 0.00	46.32 -0.90 0.00	48.30 -0.34 0.00	52.67 1.68 0.00	58.11 2.87 0.00	69.36 5.55 0.00	77.86 5.64 0.00	104.46 8.18 0.00	111.75 7.31 0.00	120.05 9.30 0.00	146.11 10.20 0.00	170.84 6.88 0.00	168.80 10.89 0.00	142.32 14.22 0.00	138.36 12.23 0.00	105.80 7.38 0.00	80.14 4.46 0.00	67.59 3.64 0.00
ARTHUR KILL_GT_1 23520	50.78 1.04 0.00	44.92 1.73 0.00	41.62 1.72 0.00	37.61 1.48 0.00	37.45 1.48 0.00	40.94 1.73 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.83 2.19 0.00	50.98 1.99 1.99	51.16 1.82 5.90	52.86 1.53 12.48	53.88 1.52 19.86	72.78 2.31 25.81	86.74 2.82 20.52	89.69 5.21 26.26	111.23 9.38 34.06	126.67 12.62 49.91	143.59 10.11 24.43	124.54 7.30 10.87	109.41 4.16 20.88	61.23 1.38 38.56	60.20 0.23 15.70	53.29 0.45 11.10
ARTHUR_KILL_2 23512	50.73 0.99 0.00	44.80 1.60 -0.01	41.51 1.60 -0.01	37.50 1.37 -0.01	37.35 1.37 -0.01	40.83 1.61 -0.01	45.61 1.76 -0.01	49.01 1.79 0.00	50.59 1.95 0.00	50.73 1.73 1.99	50.94 1.60 5.90	52.48 1.15 12.48	53.52 1.15 19.86	72.50 2.03 25.81	86.33 2.40 20.52	89.14 4.65 26.26	110.56 8.71 34.06	125.85 11.81 49.91	142.80 9.31 24.43	123.89 6.66 10.87	108.77 3.53 20.89	60.83 0.98 38.57	59.89 -0.08 15.71	53.03 0.19 11.11
ARTHUR_KILL_3 23513	50.82 1.09 0.01	44.23 1.03 0.00	40.90 1.00 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.28 1.06 0.00	45.20 1.36 0.00	48.72 1.51 0.01	50.63 2.00 0.01	50.97 1.99 2.00	51.21 1.88 5.90	52.92 1.60 12.48	54.02 1.66 19.87	73.35 2.89 25.82	87.36 3.44 20.53	89.79 5.32 26.27	110.67 8.83 34.07	125.84 11.81 49.92	142.79 9.31 24.44	124.14 6.91 10.88	109.77 4.53 20.90	61.51 1.67 38.57	60.41 0.46 15.71	53.41 0.57 11.11

ARTHUR_KILL_COGEN 323718	50.93 1.19 0.00	44.93 1.73 -0.01	41.62 1.71 -0.01	37.61 1.48 -0.01	37.46 1.48 -0.01	40.95 1.72 -0.01	45.74 1.88 -0.01	49.20 1.98 0.00	50.73 2.09 0.00	50.93 1.94 1.99	51.11 1.77 5.90	52.73 1.40 12.48	53.81 1.44 19.86	72.88 2.41 25.81	86.75 2.82 20.52	89.69 5.21 26.26	111.22 9.37 34.06	126.67 12.63 49.91	143.60 10.12 24.43	124.53 7.30 10.87	109.40 4.16 20.89	61.22 1.38 38.57	60.19 0.23 15.71	53.29 0.45 11.11
ASHOKAN____ 23654	51.23 1.49 0.00	44.36 1.17 0.00	40.98 1.08 0.00	37.03 0.90 0.00	36.91 0.93 0.00	40.23 1.02 0.00	44.94 1.10 0.00	48.26 1.04 0.00	49.42 0.78 0.00	51.30 0.31 0.00	55.35 0.11 0.00	63.68 -0.13 0.00	72.22 0.00 0.00	99.46 4.34 1.16	106.79 5.74 3.39	112.90 7.42 5.27	141.66 11.42 5.68	176.59 15.74 3.10	195.14 6.00 -31.23	174.46 4.10 -42.26	152.09 2.65 -23.31	112.76 0.98 -13.36	77.26 1.59 0.00	65.29 1.34 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.29 1.54 -0.01	44.84 1.64 -0.01	41.42 1.52 -0.01	37.50 1.37 -0.01	37.39 1.40 -0.01	40.79 1.57 -0.01	45.74 1.88 -0.01	49.15 1.94 0.00	50.88 2.24 0.00	53.38 2.40 0.00	57.50 2.27 0.00	65.59 1.78 0.00	74.10 1.87 0.00	99.17 2.89 0.00	107.57 3.13 0.00	116.60 5.54 -0.31	145.98 10.06 -0.01	187.00 13.27 -9.77	195.16 10.74 -26.50	163.64 7.95 -27.59	147.08 4.53 -16.42	107.83 1.87 -7.55	76.20 0.53 0.01	64.58 0.64 0.01
ASTORIA_EAST_ENERGY_CC2 323582	51.29 1.54 -0.01	44.84 1.64 -0.01	41.42 1.52 -0.01	37.50 1.37 -0.01	37.39 1.40 -0.01	40.79 1.57 -0.01	45.74 1.88 -0.01	49.15 1.94 0.00	50.88 2.24 0.00	53.38 2.40 0.00	57.50 2.27 0.00	65.59 1.78 0.00	74.10 1.87 0.00	99.17 2.89 0.00	107.57 3.13 0.00	116.60 5.54 -0.31	145.98 10.06 -0.01	187.00 13.27 -9.77	195.16 10.74 -26.50	163.64 7.95 -27.59	147.08 4.53 -16.42	107.83 1.87 -7.55	76.20 0.53 0.01	64.58 0.64 0.01
ASTORIA_GT2_1 24094	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00
ASTORIA_GT2_2 24095	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00
ASTORIA_GT2_3 24096	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00
ASTORIA_GT2_4 24097	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00
ASTORIA_GT3_1 24098	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00
ASTORIA_GT3_2 24099	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00
ASTORIA_GT3_3 24100	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00
ASTORIA_GT3_4 24101	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00
ASTORIA_GT4_1 24102	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00
ASTORIA_GT4_2 24103	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00
ASTORIA_GT4_3 24104	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00

ASTORIA_GT4_4 24105	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.44 2.45 0.00	57.55 2.32 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.17 2.89 0.00	107.58 3.13 0.00	116.71 5.65 -0.31	146.11 10.19 -0.01	187.01 13.28 -9.77	195.32 10.90 -26.50	163.64 7.94 -27.59	147.10 4.54 -16.42	107.94 1.97 -7.56	76.28 0.61 0.00	64.71 0.77 0.00
ASTORIA_GT_1 23523	51.34 1.59 -0.01	44.92 1.73 0.00	41.50 1.60 0.00	37.57 1.44 0.00	37.45 1.48 0.00	40.86 1.65 0.00	45.82 1.97 0.00	49.30 2.08 0.00	51.12 2.48 0.00	53.59 2.60 0.00	57.72 2.49 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.46 3.18 0.00	107.89 3.45 0.00	117.04 5.98 -0.31	146.52 10.60 -0.01	187.50 13.77 -9.77	195.79 11.37 -26.50	164.02 8.33 -27.59	147.47 4.92 -16.42	108.23 2.26 -7.56	76.50 0.83 0.00	64.84 0.90 0.00
ASTORIA_GT_10 24110	51.03 1.29 0.00	44.71 1.51 0.00	41.34 1.44 0.00	37.42 1.30 0.00	37.31 1.33 0.00	40.71 1.49 0.00	45.64 1.80 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.33 2.35 0.00	57.39 2.15 0.00	65.66 1.85 0.00	74.03 1.81 0.00	99.07 2.79 0.00	107.79 3.34 0.00	116.40 5.65 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.11 10.26 -24.93	162.16 7.56 -26.50	146.97 4.41 -16.42	107.64 1.67 -7.56	76.13 0.45 0.00	64.52 0.58 0.00
ASTORIA_GT_11 24225	51.03 1.29 0.00	44.71 1.51 0.00	41.34 1.44 0.00	37.42 1.30 0.00	37.31 1.33 0.00	40.71 1.49 0.00	45.64 1.80 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.33 2.35 0.00	57.39 2.15 0.00	65.66 1.85 0.00	74.03 1.81 0.00	99.07 2.79 0.00	107.79 3.34 0.00	116.40 5.65 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.11 10.26 -24.93	162.16 7.56 -26.50	146.97 4.41 -16.42	107.64 1.67 -7.56	76.13 0.45 0.00	64.52 0.58 0.00
ASTORIA_GT_12 24226	51.03 1.29 0.00	44.71 1.51 0.00	41.34 1.44 0.00	37.42 1.30 0.00	37.31 1.33 0.00	40.71 1.49 0.00	45.64 1.80 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.33 2.35 0.00	57.39 2.15 0.00	65.66 1.85 0.00	74.03 1.81 0.00	99.07 2.79 0.00	107.79 3.34 0.00	116.40 5.65 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.11 10.26 -24.93	162.16 7.56 -26.50	146.97 4.41 -16.42	107.64 1.67 -7.56	76.13 0.45 0.00	64.52 0.58 0.00
ASTORIA_GT_13 24227	51.03 1.29 0.00	44.71 1.51 0.00	41.34 1.44 0.00	37.42 1.30 0.00	37.31 1.33 0.00	40.71 1.49 0.00	45.64 1.80 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.33 2.35 0.00	57.39 2.15 0.00	65.66 1.85 0.00	74.03 1.81 0.00	99.07 2.79 0.00	107.79 3.34 0.00	116.40 5.65 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.11 10.26 -24.93	162.16 7.56 -26.50	146.97 4.41 -16.42	107.64 1.67 -7.56	76.13 0.45 0.00	64.52 0.58 0.00
ASTORIA_GT_5 24106	51.34 1.59 -0.01	44.92 1.73 0.00	41.50 1.60 0.00	37.57 1.44 0.00	37.45 1.48 0.00	40.86 1.65 0.00	45.82 1.97 0.00	49.30 2.08 0.00	51.12 2.48 0.00	53.59 2.60 0.00	57.72 2.49 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.46 3.18 0.00	107.89 3.45 0.00	117.04 5.98 -0.31	146.52 10.60 -0.01	187.50 13.77 -9.77	195.79 11.37 -26.50	164.02 8.33 -27.59	147.47 4.92 -16.42	108.23 2.26 -7.56	76.50 0.83 0.00	64.84 0.90 0.00
ASTORIA_GT_7 24107	51.34 1.59 -0.01	44.92 1.73 0.00	41.50 1.60 0.00	37.57 1.44 0.00	37.45 1.48 0.00	40.86 1.65 0.00	45.82 1.97 0.00	49.30 2.08 0.00	51.12 2.48 0.00	53.59 2.60 0.00	57.72 2.49 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.46 3.18 0.00	107.89 3.45 0.00	117.04 5.98 -0.31	146.52 10.60 -0.01	187.50 13.77 -9.77	195.79 11.37 -26.50	164.02 8.33 -27.59	147.47 4.92 -16.42	108.23 2.26 -7.56	76.50 0.83 0.00	64.84 0.90 0.00
ASTORIA_GT_8 24108	51.34 1.59 -0.01	44.92 1.73 0.00	41.50 1.60 0.00	37.57 1.44 0.00	37.45 1.48 0.00	40.86 1.65 0.00	45.82 1.97 0.00	49.30 2.08 0.00	51.12 2.48 0.00	53.59 2.60 0.00	57.72 2.49 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.46 3.18 0.00	107.89 3.45 0.00	117.04 5.98 -0.31	146.52 10.60 -0.01	187.50 13.77 -9.77	195.79 11.37 -26.50	164.02 8.33 -27.59	147.47 4.92 -16.42	108.23 2.26 -7.56	76.50 0.83 0.00	64.84 0.90 0.00
ASTORIA___2 24149	51.29 1.54 -0.01	44.84 1.64 -0.01	41.42 1.52 -0.01	37.54 1.41 -0.01	37.39 1.40 -0.01	40.79 1.57 -0.01	45.74 1.88 -0.01	49.20 1.98 0.00	50.93 2.29 0.00	53.38 2.40 0.00	57.55 2.32 0.00	65.66 1.85 0.00	74.18 1.95 0.00	99.27 2.99 0.00	107.57 3.13 0.00	116.71 5.65 -0.31	146.12 10.20 -0.01	187.00 13.27 -9.77	195.16 10.74 -26.50	163.64 7.95 -27.59	147.08 4.53 -16.42	107.83 1.87 -7.55	76.27 0.60 0.01	64.64 0.70 0.01
ASTORIA___3 23516	51.08 1.34 0.00	44.71 1.51 -0.01	41.34 1.43 -0.01	37.43 1.30 -0.01	37.32 1.33 -0.01	40.71 1.49 -0.01	45.65 1.80 -0.01	49.20 1.98 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.39 2.15 0.00	65.53 1.72 0.00	73.96 1.73 0.00	99.17 2.89 0.00	107.79 3.34 0.00	116.40 5.65 0.00	145.70 9.79 0.00	185.21 12.95 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	146.96 4.41 -16.42	107.63 1.67 -7.55	76.12 0.46 0.01	64.45 0.51 0.01
ASTORIA___4 23517	51.03 1.29 0.00	44.71 1.51 0.00	41.34 1.44 0.00	37.42 1.30 0.00	37.31 1.33 0.00	40.71 1.49 0.00	45.64 1.80 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.33 2.35 0.00	57.39 2.15 0.00	65.66 1.85 0.00	74.03 1.81 0.00	99.07 2.79 0.00	107.79 3.34 0.00	116.40 5.65 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.11 10.26 -24.93	162.16 7.56 -26.50	146.97 4.41 -16.42	107.64 1.67 -7.56	76.13 0.45 0.00	64.52 0.58 0.00
ASTORIA___5 23518	51.08 1.34 0.00	44.71 1.51 -0.01	41.34 1.43 -0.01	37.43 1.30 -0.01	37.32 1.33 -0.01	40.71 1.49 -0.01	45.65 1.80 -0.01	49.20 1.98 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.39 2.15 0.00	65.53 1.72 0.00	73.96 1.73 0.00	99.17 2.89 0.00	107.79 3.34 0.00	116.40 5.65 0.00	145.70 9.79 0.00	185.21 12.95 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	146.96 4.41 -16.42	107.63 1.67 -7.55	76.12 0.46 0.01	64.45 0.51 0.01
AST_ENERGY_2_CC3 323677	36.87 1.29 14.16	36.87 1.17 7.49	36.87 1.16 4.19	36.87 1.01 0.26	36.87 1.04 0.15	36.87 1.22 3.56	36.87 1.53 8.51	36.87 1.70 12.05	36.87 2.14 13.91	36.87 2.19 16.31	38.19 2.15 19.20	41.02 1.91 24.70	51.64 2.02 22.61	76.85 3.37 22.80	85.91 3.97 22.50	94.23 5.87 22.39	119.54 9.51 25.88	132.54 12.63 44.04	153.82 10.12 14.21	133.01 7.56 2.65	120.80 5.17 10.50	85.73 2.16 14.84	54.08 0.83 22.42	42.56 0.89 22.28
AST_ENERGY_2_CC4 323678	36.87 1.29 14.16	36.87 1.17 7.49	36.87 1.16 4.19	36.87 1.01 0.26	36.87 1.04 0.15	36.87 1.22 3.56	36.87 1.53 8.51	36.87 1.70 12.05	36.87 2.14 13.91	36.87 2.19 16.31	38.19 2.15 19.20	41.02 1.91 24.70	51.64 2.02 22.61	76.85 3.37 22.80	85.91 3.97 22.50	94.23 5.87 22.39	119.54 9.51 25.88	132.54 12.63 44.04	153.82 10.12 14.21	133.01 7.56 2.65	120.80 5.17 10.50	85.73 2.16 14.84	54.08 0.83 22.42	42.56 0.89 22.28

ATHENS_STG_1 23668	50.18 0.45 0.00	43.58 0.39 0.00	40.34 0.44 0.00	36.63 0.51 0.00	36.52 0.54 0.00	39.72 0.51 0.00	44.37 0.53 0.00	47.79 0.57 0.00	49.37 0.73 0.00	51.55 0.56 0.00	55.67 0.44 0.00	64.06 0.26 0.00	72.44 0.22 0.00	97.05 0.77 0.00	105.59 1.15 0.00	112.96 2.21 0.00	139.71 3.80 0.00	175.79 5.40 -6.43	181.47 4.27 -19.28	151.67 3.07 -20.50	140.73 1.89 -12.71	105.04 0.78 -5.85	75.75 0.08 0.00	64.14 0.19 0.00
ATHENS_STG_2 23670	50.18 0.45 0.00	43.58 0.39 0.00	40.34 0.44 0.00	36.63 0.51 0.00	36.52 0.54 0.00	39.72 0.51 0.00	44.37 0.53 0.00	47.79 0.57 0.00	49.37 0.73 0.00	51.55 0.56 0.00	55.67 0.44 0.00	64.06 0.26 0.00	72.44 0.22 0.00	97.05 0.77 0.00	105.59 1.15 0.00	112.96 2.21 0.00	139.71 3.80 0.00	175.79 5.40 -6.43	181.47 4.27 -19.28	151.67 3.07 -20.50	140.73 1.89 -12.71	105.04 0.78 -5.85	75.75 0.08 0.00	64.14 0.19 0.00
ATHENS_STG_3 23677	50.18 0.45 0.00	43.58 0.39 0.00	40.34 0.44 0.00	36.63 0.51 0.00	36.52 0.54 0.00	39.72 0.51 0.00	44.37 0.53 0.00	47.79 0.57 0.00	49.37 0.73 0.00	51.55 0.56 0.00	55.67 0.44 0.00	64.06 0.26 0.00	72.44 0.22 0.00	97.05 0.77 0.00	105.59 1.15 0.00	112.96 2.21 0.00	139.71 3.80 0.00	175.79 5.40 -6.43	181.47 4.27 -19.28	151.67 3.07 -20.50	140.73 1.89 -12.71	105.04 0.78 -5.85	75.75 0.08 0.00	64.14 0.19 0.00
AUBURN___LFGE 323710	50.03 0.30 0.00	43.41 0.22 0.00	39.98 0.08 0.00	35.98 -0.14 0.00	35.84 -0.14 0.00	39.14 -0.08 0.00	43.89 0.04 0.00	47.27 0.05 0.00	48.54 -0.10 0.00	51.19 0.20 0.00	55.68 0.44 0.00	64.70 0.89 0.00	73.24 1.01 0.00	98.02 1.73 0.00	106.43 1.98 0.00	113.52 2.77 0.00	139.45 3.53 0.00	167.73 3.77 0.00	163.13 5.21 0.00	133.87 5.76 0.00	130.92 4.79 0.00	101.07 2.66 0.00	76.88 1.21 0.00	64.65 0.70 0.00
BABYLON_RES_REC 323704	51.18 1.44 0.00	44.23 1.03 0.00	40.74 0.84 0.00	36.96 0.83 0.00	36.88 0.90 0.00	40.20 0.98 0.00	44.98 1.14 0.00	48.11 0.89 0.00	50.59 1.95 0.00	52.88 1.89 0.00	58.00 2.76 0.00	66.04 2.23 0.00	70.42 0.22 2.02	83.39 0.96 13.86	96.01 0.94 9.37	113.15 3.10 0.70	141.75 5.84 0.01	178.70 9.67 -5.07	185.50 6.15 -21.43	134.38 3.84 -2.44	100.58 1.52 27.06	79.22 0.10 19.29	70.25 -0.83 4.59	65.42 1.47 0.00
BALL_HILL_WT_PWR 323825	50.18 0.45 0.00	43.67 0.48 0.00	39.90 0.00 0.00	35.62 -0.51 0.00	35.40 -0.58 0.00	38.59 -0.63 0.00	43.19 -0.66 0.00	46.27 -0.94 0.00	48.01 -0.63 0.00	52.11 1.12 0.00	57.22 1.99 0.00	68.08 4.28 0.00	76.34 4.11 0.00	102.25 5.97 0.00	109.56 5.12 0.00	117.62 6.87 0.00	143.11 7.20 0.00	167.23 3.28 0.00	165.03 7.11 0.00	139.24 11.14 0.00	135.59 9.46 0.00	103.72 5.31 0.00	78.70 3.03 0.00	66.63 2.69 0.00
BARON_WINDS___WT_PWR 323822	49.94 0.20 0.00	43.46 0.26 0.00	39.86 -0.04 0.00	35.73 -0.40 0.00	35.58 -0.39 0.00	38.86 -0.35 0.00	43.58 -0.26 0.00	46.56 -0.66 0.00	47.86 -0.78 0.00	51.09 0.10 0.00	55.84 0.61 0.00	65.72 1.91 0.00	73.96 1.73 0.00	98.88 2.60 0.00	106.64 2.20 0.00	114.19 3.44 0.00	139.58 3.67 0.00	167.70 1.47 -2.27	169.63 4.90 -6.81	143.55 8.21 -7.24	137.68 7.06 -4.49	104.31 3.83 -2.06	77.72 2.04 0.00	65.67 1.73 0.00
BARRETT_IC_1 23704	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	116.24 3.77 -1.72	142.56 6.66 0.01	190.54 10.17 -16.42	198.51 6.94 -33.66	164.44 4.74 -31.59	135.42 2.52 -6.77	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BARRETT_IC_10 23701	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	94.14 3.77 20.38	142.56 6.66 0.01	87.06 10.17 87.06	87.06 6.94 77.80	87.06 4.74 45.79	92.41 2.52 36.24	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BARRETT_IC_11 23702	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	94.14 3.77 20.38	142.56 6.66 0.01	87.06 10.17 87.06	87.06 6.94 77.80	87.06 4.74 45.79	92.41 2.52 36.24	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BARRETT_IC_12 23703	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	94.14 3.77 20.38	142.56 6.66 0.01	87.06 10.17 87.06	87.06 6.94 77.80	87.06 4.74 45.79	92.41 2.52 36.24	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BARRETT_IC_2 23705	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	116.24 3.77 -1.72	142.56 6.66 0.01	190.54 10.17 -16.42	198.51 6.94 -33.66	164.44 4.74 -31.59	135.42 2.52 -6.77	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BARRETT_IC_3 23706	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	116.24 3.77 -1.72	142.56 6.66 0.01	190.54 10.17 -16.42	198.51 6.94 -33.66	164.44 4.74 -31.59	135.42 2.52 -6.77	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BARRETT_IC_4 23707	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	116.24 3.77 -1.72	142.56 6.66 0.01	190.54 10.17 -16.42	198.51 6.94 -33.66	164.44 4.74 -31.59	135.42 2.52 -6.77	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BARRETT_IC_5 23708	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	116.24 3.77 -1.72	142.56 6.66 0.01	190.54 10.17 -16.42	198.51 6.94 -33.66	164.44 4.74 -31.59	135.42 2.52 -6.77	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00

BARRETT_IC_6 23709	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	116.24 3.77 -1.72	142.56 6.66 0.01	190.54 10.17 -16.42	198.51 6.94 -33.66	164.44 4.74 -31.59	135.42 2.52 -6.77	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BARRETT_IC_7 23710	51.08 1.34 0.00	44.15 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.16 0.94 0.00	44.90 1.05 0.00	48.02 0.80 0.00	50.44 1.80 0.00	52.67 1.68 0.00	57.67 2.43 0.00	66.30 2.49 0.00	72.85 0.72 0.10	97.20 1.54 0.63	105.90 1.88 0.43	116.24 3.77 -1.72	142.56 6.66 0.01	190.54 10.17 -16.42	198.52 6.95 -33.66	164.43 4.74 -31.59	135.55 2.65 -6.77	105.26 0.49 -6.35	75.31 -0.15 0.21	65.29 1.34 0.00
BARRETT_IC_8 23711	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	116.24 3.77 -1.72	142.56 6.66 0.01	190.54 10.17 -16.42	198.51 6.94 -33.66	164.44 4.74 -31.59	135.42 2.52 -6.77	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BARRETT_IC_9 23700	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	94.14 3.77 20.38	142.56 6.66 0.01	87.06 10.17 87.06	87.06 6.94 77.80	87.06 4.74 45.79	92.41 2.52 36.24	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BARRETT___1 23545	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	116.24 3.77 -1.72	142.56 6.66 0.01	190.54 10.17 -16.42	198.51 6.94 -33.66	164.44 4.74 -31.59	136.45 2.52 -7.80	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BARRETT___2 23546	50.98 1.24 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.02 0.80 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.45 2.21 0.00	65.46 1.66 0.00	72.78 0.65 0.10	97.29 1.64 0.63	105.90 1.88 0.43	94.14 3.77 20.38	142.56 6.66 0.01	87.06 10.17 87.06	87.06 6.94 77.80	87.06 4.74 45.79	92.41 2.52 36.24	105.26 0.49 -6.35	75.31 -0.15 0.21	65.03 1.09 0.00
BATAVIA___115KV_TB1 55881	50.88 1.14 0.00	44.19 0.99 0.00	40.74 0.84 0.00	36.12 0.00 0.00	35.84 -0.14 0.00	39.29 0.08 0.00	43.80 -0.04 0.00	46.79 -0.42 0.00	48.30 -0.34 0.00	52.31 1.33 0.00	57.33 2.10 0.00	67.00 3.19 0.00	75.69 3.47 0.00	101.39 5.10 0.00	108.83 4.39 0.00	116.73 5.98 0.00	142.44 6.52 0.00	166.91 2.95 0.00	165.02 7.11 0.00	138.99 10.89 0.00	135.84 9.71 0.00	103.92 5.51 0.00	78.25 2.57 0.00	66.76 2.81 0.00
BAYONEEC___CTG1 323682	51.08 1.34 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.10 1.12 0.00	40.51 1.29 0.00	45.42 1.58 0.00	49.01 1.79 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.79 1.98 0.00	74.32 2.10 0.00	99.65 3.37 0.00	108.41 3.97 0.00	116.73 5.98 0.00	145.42 9.51 0.00	185.06 12.80 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	147.85 5.30 -16.42	108.23 2.27 -7.56	76.58 0.91 0.00	64.84 0.89 0.00
BAYONEEC___CTG10 323750	51.08 1.34 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.10 1.12 0.00	40.51 1.29 0.00	45.42 1.58 0.00	49.01 1.79 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.79 1.98 0.00	74.32 2.10 0.00	99.65 3.37 0.00	108.41 3.97 0.00	116.73 5.98 0.00	145.42 9.51 0.00	185.06 12.80 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	147.85 5.30 -16.42	108.23 2.27 -7.56	76.58 0.91 0.00	64.84 0.89 0.00
BAYONEEC___CTG2 323683	51.08 1.34 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.10 1.12 0.00	40.51 1.29 0.00	45.42 1.58 0.00	49.01 1.79 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.79 1.98 0.00	74.32 2.10 0.00	99.65 3.37 0.00	108.41 3.97 0.00	116.73 5.98 0.00	145.42 9.51 0.00	185.06 12.80 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	147.85 5.30 -16.42	108.23 2.27 -7.56	76.58 0.91 0.00	64.84 0.89 0.00
BAYONEEC___CTG3 323684	51.08 1.34 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.10 1.12 0.00	40.51 1.29 0.00	45.42 1.58 0.00	49.01 1.79 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.79 1.98 0.00	74.32 2.10 0.00	99.65 3.37 0.00	108.41 3.97 0.00	116.73 5.98 0.00	145.42 9.51 0.00	185.06 12.80 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	147.85 5.30 -16.42	108.23 2.27 -7.56	76.58 0.91 0.00	64.84 0.89 0.00
BAYONEEC___CTG4 323685	51.08 1.34 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.10 1.12 0.00	40.51 1.29 0.00	45.42 1.58 0.00	49.01 1.79 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.79 1.98 0.00	74.32 2.10 0.00	99.65 3.37 0.00	108.41 3.97 0.00	116.73 5.98 0.00	145.42 9.51 0.00	185.06 12.80 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	147.85 5.30 -16.42	108.23 2.27 -7.56	76.58 0.91 0.00	64.84 0.89 0.00
BAYONEEC___CTG5 323686	51.08 1.34 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.10 1.12 0.00	40.51 1.29 0.00	45.42 1.58 0.00	49.01 1.79 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.79 1.98 0.00	74.32 2.10 0.00	99.65 3.37 0.00	108.41 3.97 0.00	116.73 5.98 0.00	145.42 9.51 0.00	185.06 12.80 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	147.85 5.30 -16.42	108.23 2.27 -7.56	76.58 0.91 0.00	64.84 0.89 0.00
BAYONEEC___CTG6 323687	51.08 1.34 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.10 1.12 0.00	40.51 1.29 0.00	45.42 1.58 0.00	49.01 1.79 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.79 1.98 0.00	74.32 2.10 0.00	99.65 3.37 0.00	108.41 3.97 0.00	116.73 5.98 0.00	145.42 9.51 0.00	185.06 12.80 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	147.85 5.30 -16.42	108.23 2.27 -7.56	76.58 0.91 0.00	64.84 0.89 0.00
BAYONEEC___CTG7 323688	51.08 1.34 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.10 1.12 0.00	40.51 1.29 0.00	45.42 1.58 0.00	49.01 1.79 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.79 1.98 0.00	74.32 2.10 0.00	99.65 3.37 0.00	108.41 3.97 0.00	116.73 5.98 0.00	145.42 9.51 0.00	185.06 12.80 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	147.85 5.30 -16.42	108.23 2.27 -7.56	76.58 0.91 0.00	64.84 0.89 0.00

BAYONEEC___CTG8 323689	51.08 1.34 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.10 1.12 0.00	40.51 1.29 0.00	45.42 1.58 0.00	49.01 1.79 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.79 1.98 0.00	74.32 2.10 0.00	99.65 3.37 0.00	108.41 3.97 0.00	116.73 5.98 0.00	145.42 9.51 0.00	185.06 12.80 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	147.85 5.30 -16.42	108.23 2.27 -7.56	76.58 0.91 0.00	64.84 0.89 0.00
BAYONEEC___CTG9 323749	51.08 1.34 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.10 1.12 0.00	40.51 1.29 0.00	45.42 1.58 0.00	49.01 1.79 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.79 1.98 0.00	74.32 2.10 0.00	99.65 3.37 0.00	108.41 3.97 0.00	116.73 5.98 0.00	145.42 9.51 0.00	185.06 12.80 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	147.85 5.30 -16.42	108.23 2.27 -7.56	76.58 0.91 0.00	64.84 0.89 0.00
BEACON___LESR 323632	51.28 1.54 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.28 1.16 0.00	37.16 1.19 0.00	40.51 1.29 0.00	45.25 1.40 0.00	48.73 1.51 0.00	50.05 1.41 0.00	52.06 1.07 0.00	56.17 0.94 0.00	64.82 1.02 0.00	73.24 1.01 0.00	98.11 1.82 0.00	107.06 2.61 0.00	114.73 3.98 0.00	142.17 6.26 0.00	217.94 8.36 -45.63	302.22 7.42 -136.88	279.23 5.63 -145.49	220.85 4.53 -90.19	142.85 2.95 -41.49	77.56 1.89 0.00	65.67 1.73 0.00
BEAVER RIVER___HYD 24048	51.63 1.89 0.00	44.45 1.25 0.00	40.86 0.96 0.00	36.88 0.76 0.00	36.63 0.65 0.00	40.08 0.86 0.00	45.07 1.23 0.00	48.54 1.32 0.00	50.29 1.65 0.00	52.36 1.38 0.00	56.67 1.43 0.00	65.46 1.66 0.00	74.24 2.02 0.00	96.96 0.68 0.00	104.86 0.42 0.00	110.86 0.11 0.00	135.64 -0.27 0.00	164.95 0.99 0.00	159.33 1.42 0.00	130.53 2.43 0.00	127.77 1.64 0.00	101.27 2.86 0.00	83.62 2.57 -5.37	74.96 2.24 -8.77
BEEBEE_GT_13 23619	50.28 0.55 0.00	43.67 0.48 0.00	40.10 0.20 0.00	35.94 -0.18 0.00	35.69 -0.29 0.00	38.90 -0.31 0.00	43.45 -0.39 0.00	46.70 -0.52 0.00	48.15 -0.49 0.00	51.65 0.66 0.00	56.56 1.33 0.00	66.61 2.81 0.00	75.33 3.11 0.00	100.81 4.53 0.00	108.83 4.39 0.00	116.40 5.65 0.00	142.30 6.39 0.00	168.22 4.26 0.00	164.71 6.79 0.00	136.94 8.84 0.00	133.82 7.69 0.00	102.84 4.43 0.00	77.79 2.12 0.00	65.42 1.47 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.33 1.59 0.00	45.10 1.90 0.00	41.70 1.80 0.00	37.68 1.55 0.00	37.56 1.58 0.00	41.02 1.80 0.00	45.95 2.10 0.00	49.48 2.27 0.00	51.27 2.63 0.00	53.64 2.65 0.00	57.78 2.54 0.00	66.23 2.42 0.00	74.68 2.46 0.00	99.94 3.66 0.00	108.73 4.28 0.00	117.40 6.65 0.00	147.19 11.28 0.00	187.02 14.76 -8.31	195.00 12.16 -24.93	163.70 9.10 -26.50	148.36 5.80 -16.42	108.63 2.66 -7.56	76.96 1.29 0.00	65.22 1.28 0.00
BETHLEHEM___GRP 23843	50.73 0.99 0.00	44.06 0.86 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.84 0.86 0.00	40.12 0.90 0.00	44.81 0.96 0.00	48.21 0.99 0.00	49.61 0.97 0.00	51.70 0.71 0.00	55.79 0.55 0.00	64.32 0.51 0.00	72.73 0.51 0.00	97.25 0.96 0.00	105.91 1.46 0.00	113.41 2.66 0.00	140.40 4.49 0.00	214.73 6.07 -44.71	297.09 5.05 -134.12	274.51 3.84 -142.56	217.28 2.77 -88.37	140.74 1.67 -40.65	76.58 0.91 0.00	64.84 0.90 0.00
BETHLEHEM___GS1 323560	50.73 0.99 0.00	44.06 0.86 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.84 0.86 0.00	40.12 0.90 0.00	44.81 0.96 0.00	48.26 1.04 0.00	49.61 0.97 0.00	51.70 0.71 0.00	55.73 0.50 0.00	64.26 0.45 0.00	72.66 0.44 0.00	97.25 0.96 0.00	106.01 1.57 0.00	113.40 2.65 0.00	140.39 4.48 0.00	214.73 6.07 -44.71	297.09 5.05 -134.12	274.50 3.84 -142.56	217.27 2.77 -88.37	140.74 1.67 -40.65	76.58 0.91 0.00	64.84 0.89 0.00
BETHLEHEM___GS2 323561	50.73 0.99 0.00	44.06 0.86 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.84 0.86 0.00	40.12 0.90 0.00	44.81 0.96 0.00	48.26 1.04 0.00	49.61 0.97 0.00	51.70 0.71 0.00	55.73 0.50 0.00	64.26 0.45 0.00	72.66 0.44 0.00	97.25 0.96 0.00	106.01 1.57 0.00	113.40 2.65 0.00	140.39 4.48 0.00	214.73 6.07 -44.71	297.09 5.05 -134.12	274.50 3.84 -142.56	217.27 2.77 -88.37	140.74 1.67 -40.65	76.58 0.91 0.00	64.84 0.89 0.00
BETHLEHEM___GS3 323562	50.73 0.99 0.00	44.06 0.86 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.84 0.86 0.00	40.12 0.90 0.00	44.81 0.96 0.00	48.26 1.04 0.00	49.61 0.97 0.00	51.70 0.71 0.00	55.73 0.50 0.00	64.26 0.45 0.00	72.66 0.44 0.00	97.25 0.96 0.00	106.01 1.57 0.00	113.40 2.65 0.00	140.39 4.48 0.00	214.73 6.07 -44.71	297.09 5.05 -134.12	274.50 3.84 -142.56	217.27 2.77 -88.37	140.74 1.67 -40.65	76.58 0.91 0.00	64.84 0.89 0.00
BETHLEHEM___STEEL 23779	50.23 0.50 0.00	43.76 0.56 0.00	40.06 0.16 0.00	35.65 -0.47 0.00	35.40 -0.58 0.00	38.63 -0.59 0.00	43.19 -0.66 0.00	46.13 -1.09 0.00	47.86 -0.78 0.00	51.96 0.97 0.00	57.11 1.88 0.00	67.64 3.83 0.00	76.34 4.12 0.00	102.16 5.87 0.00	109.46 5.01 0.00	117.51 6.76 0.00	142.98 7.07 0.00	166.74 2.79 0.00	164.71 6.79 0.00	138.99 10.89 0.00	135.46 9.33 0.00	103.82 5.41 0.00	78.62 2.95 0.00	66.38 2.43 0.00
BETHLHEM_115KV_TB1 79974	50.63 0.90 0.00	43.97 0.78 0.00	40.70 0.80 0.00	36.92 0.79 0.00	36.77 0.79 0.00	40.08 0.86 0.00	44.72 0.88 0.00	48.16 0.94 0.00	49.56 0.92 0.00	51.65 0.66 0.00	55.73 0.50 0.00	64.25 0.45 0.00	72.66 0.43 0.00	97.15 0.87 0.00	105.91 1.46 0.00	113.30 2.55 0.00	140.13 4.21 0.00	212.31 5.74 -42.62	290.51 4.74 -127.85	267.59 3.59 -135.90	212.89 2.52 -84.24	138.64 1.48 -38.75	76.43 0.76 0.00	64.78 0.83 0.00
BETHPAGE_CC_5 323564	50.83 1.09 0.00	44.01 0.82 0.00	40.62 0.72 0.00	36.81 0.68 0.00	36.74 0.76 0.00	40.04 0.82 0.00	44.77 0.92 0.00	47.88 0.66 0.00	50.29 1.65 0.00	52.57 1.58 0.00	57.66 2.43 0.00	65.59 1.78 0.00	70.94 0.58 1.86	85.09 1.54 12.72	97.82 1.98 8.61	114.35 4.21 0.60	142.97 7.06 0.01	180.46 10.99 -5.52	187.41 7.58 -21.92	137.64 4.99 -4.54	105.27 2.65 23.51	81.81 0.49 17.10	70.85 -0.61 4.22	64.84 0.89 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.28 0.55 0.00	43.80 0.60 0.00	40.10 0.20 0.00	35.69 -0.43 0.00	35.44 -0.54 0.00	38.71 -0.51 0.00	43.27 -0.57 0.00	46.23 -0.99 0.00	48.01 -0.63 0.00	52.11 1.12 0.00	57.28 2.04 0.00	67.89 4.08 0.00	76.56 4.33 0.00	102.54 6.26 0.00	109.87 5.43 0.00	117.95 7.20 0.00	143.52 7.61 0.00	167.56 3.61 0.00	165.50 7.58 0.00	139.63 11.53 0.00	135.97 9.84 0.00	104.12 5.71 0.00	78.85 3.18 0.00	66.57 2.62 0.00
BINGHAMTON___COGEN 23790	50.03 0.30 0.00	43.50 0.30 0.00	40.06 0.16 0.00	36.12 0.00 0.00	35.94 -0.04 0.00	39.22 0.00 0.00	43.93 0.09 0.00	47.22 0.00 0.00	48.64 0.00 0.00	51.40 0.41 0.00	55.84 0.61 0.00	64.89 1.08 0.00	73.38 1.16 0.00	98.30 2.02 0.00	106.53 2.09 0.00	113.74 2.99 0.00	139.72 3.81 0.00	171.20 3.61 -3.63	173.56 4.74 -10.90	145.20 5.51 -11.59	137.73 4.41 -7.18	104.18 2.46 -3.31	76.81 1.14 0.00	64.84 0.90 0.00

BIXINCNT_115KV_LOAD 355685	49.93 0.20 0.00	43.41 0.22 0.00	39.66 -0.24 0.00	35.33 -0.79 0.00	35.08 -0.90 0.00	38.39 -0.82 0.00	42.92 -0.92 0.00	46.04 -1.18 0.00	47.86 -0.78 0.00	52.01 1.02 0.00	57.28 2.04 0.00	67.89 4.08 0.00	76.78 4.55 0.00	102.93 6.64 0.00	110.29 5.85 0.00	118.39 7.64 0.00	144.20 8.29 0.00	168.71 4.75 0.00	166.60 8.69 0.00	140.27 12.17 0.00	136.47 10.34 0.00	104.61 6.20 0.00	79.15 3.48 0.00	66.76 2.81 0.00
BLACK RIVER___HYD 24047	52.47 2.73 0.00	45.14 1.95 0.00	41.45 1.55 0.00	37.39 1.26 0.00	37.13 1.15 0.00	40.67 1.45 0.00	45.73 1.88 0.00	49.72 2.50 0.00	51.02 2.38 0.00	53.03 2.04 0.00	57.28 2.04 0.00	66.36 2.55 0.00	75.04 2.81 0.00	98.21 1.92 0.00	106.22 1.77 0.00	113.18 2.43 0.00	139.17 3.26 0.00	170.03 6.07 0.00	166.12 8.21 0.00	137.72 9.61 0.00	134.58 8.45 0.00	106.29 7.88 0.00	83.80 5.30 -2.83	72.86 4.28 -4.63
BLACKRVR_115KV_TB2 79977	52.47 2.74 0.00	45.14 1.94 0.00	41.46 1.56 0.00	37.39 1.26 0.00	37.13 1.15 0.00	40.63 1.41 0.00	45.73 1.89 0.00	49.72 2.50 0.00	50.97 2.33 0.00	52.98 1.99 0.00	57.28 2.04 0.00	66.30 2.49 0.00	75.04 2.82 0.00	100.23 3.95 0.00	106.22 1.78 0.00	113.19 2.44 0.00	139.17 3.26 0.00	170.02 6.07 0.00	166.13 8.21 0.00	137.71 9.61 0.00	134.58 8.45 0.00	104.22 5.81 0.00	83.80 5.30 -2.83	72.80 4.22 -4.63
BLDWN_LI_69_KV_BK4 356085	51.43 1.69 0.00	44.41 1.21 0.00	40.90 1.00 0.00	37.10 0.98 0.00	36.99 1.01 0.00	40.35 1.14 0.00	45.12 1.27 0.00	48.30 1.09 0.00	50.78 2.14 0.00	53.08 2.09 0.00	58.22 2.98 0.00	66.93 3.13 0.00	72.54 1.44 1.13	90.75 2.21 7.75	102.02 2.82 5.24	115.73 4.98 0.01	144.06 8.15 0.01	184.40 12.13 -8.31	191.69 8.84 -24.93	148.79 6.28 -14.40	120.33 3.91 9.71	92.63 1.67 7.45	73.63 0.53 2.57	65.80 1.85 0.00
BLISS_WT_PWR 323608	49.89 0.15 0.00	43.28 0.09 0.00	39.50 -0.40 0.00	35.29 -0.83 0.00	35.04 -0.94 0.00	38.27 -0.94 0.00	42.75 -1.09 0.00	46.04 -1.18 0.00	47.91 -0.73 0.00	52.06 1.07 0.00	57.39 2.15 0.00	68.40 4.60 0.00	76.78 4.55 0.00	103.02 6.74 0.00	110.39 5.95 0.00	118.50 7.75 0.00	144.34 8.43 0.00	168.87 4.91 0.00	166.60 8.68 0.00	140.28 12.18 0.00	136.48 10.34 0.00	104.42 6.00 0.00	79.16 3.48 0.00	66.95 3.01 0.00
BLUESTONE___WT_PWR 323821	52.37 2.63 0.00	45.31 2.12 0.00	41.70 1.80 0.00	37.61 1.48 0.00	37.45 1.48 0.00	40.94 1.72 0.00	45.99 2.15 0.00	49.67 2.45 0.00	50.93 2.29 0.00	53.23 2.24 0.00	57.72 2.49 0.00	67.19 3.38 0.00	75.91 3.68 0.00	102.06 5.78 0.00	110.82 6.37 0.00	118.61 7.86 0.00	146.11 10.20 0.00	183.45 12.80 -6.69	192.37 14.37 -20.08	163.16 13.71 -21.35	151.09 11.73 -13.23	112.38 7.88 -6.09	80.44 4.77 0.00	67.78 3.84 0.00
BLUE_CIRC_CHEM_DRP 24182	49.74 0.00 0.00	43.24 0.04 0.00	40.02 0.12 0.00	36.30 0.18 0.00	36.16 0.18 0.00	39.37 0.16 0.00	43.93 0.09 0.00	47.22 0.00 0.00	48.49 -0.15 0.00	50.43 -0.56 0.00	54.41 -0.83 0.00	62.72 -1.08 0.00	70.92 -1.30 0.00	93.71 -1.35 1.23	99.81 -1.04 3.59	104.95 -0.22 5.58	130.72 0.82 6.01	168.85 1.64 -3.25	211.55 0.95 -52.69	194.35 0.64 -65.61	163.61 -0.13 -37.61	118.12 -0.39 -20.10	75.14 -0.53 0.00	63.69 -0.26 0.00
BOC_GAS_DRP 24189	50.18 0.45 0.00	43.58 0.39 0.00	40.34 0.44 0.00	36.59 0.47 0.00	36.48 0.50 0.00	39.73 0.51 0.00	44.33 0.48 0.00	47.74 0.52 0.00	49.22 0.58 0.00	51.34 0.36 0.00	55.46 0.22 0.00	63.93 0.13 0.00	72.30 0.07 0.00	96.75 0.39 -0.08	105.40 0.73 -0.23	112.77 1.66 -0.36	139.15 2.85 -0.38	201.01 4.10 -32.95	257.20 3.16 -96.13	231.97 2.31 -101.56	190.67 1.39 -63.15	127.97 0.69 -28.87	75.82 0.15 0.00	64.20 0.26 0.00
BOONVILLE_115KV_TB1 79983	51.23 1.49 0.00	44.23 1.04 0.00	40.70 0.80 0.00	36.77 0.65 0.00	36.59 0.61 0.00	39.96 0.75 0.00	44.85 1.01 0.00	48.40 1.18 0.00	50.05 1.41 0.00	52.21 1.22 0.00	56.51 1.27 0.00	65.21 1.40 0.00	73.89 1.66 0.00	98.69 2.41 0.00	106.43 1.98 0.00	113.19 2.44 0.00	139.17 3.26 0.00	168.71 4.75 0.00	162.81 4.90 0.00	132.97 4.87 0.00	130.04 3.91 0.00	100.87 2.46 0.00	79.74 2.04 -2.02	69.10 1.85 -3.30
BORALEX_4TH_BRANCH 23824	51.63 1.89 0.00	44.84 1.64 0.00	41.46 1.56 0.00	37.61 1.48 0.00	37.49 1.51 0.00	40.90 1.69 0.00	45.69 1.84 0.00	49.20 1.98 0.00	50.73 2.09 0.00	52.62 1.63 0.00	56.39 1.16 0.00	64.96 1.15 0.00	73.52 1.30 0.00	98.59 2.31 0.00	107.58 3.13 0.00	115.96 5.21 0.00	144.07 8.15 0.00	234.63 10.82 -59.85	346.48 9.00 -179.56	326.01 7.05 -190.86	249.86 5.42 -118.31	156.28 3.44 -54.43	77.87 2.19 0.00	65.74 1.79 0.00
BOWLINE___1 23526	50.48 0.75 0.00	43.88 0.69 0.00	40.66 0.76 0.00	36.85 0.72 0.00	36.74 0.76 0.00	40.04 0.82 0.00	44.81 0.96 0.00	48.30 1.09 0.00	50.05 1.41 0.00	52.31 1.32 0.00	56.56 1.32 0.00	64.89 1.08 0.00	73.31 1.08 0.00	98.40 2.12 0.00	107.06 2.61 0.00	115.07 4.31 0.00	142.98 7.06 0.00	181.83 9.84 -8.04	189.78 7.74 -24.12	159.38 5.63 -25.64	145.68 3.66 -15.89	107.10 1.38 -7.31	75.98 0.30 0.00	64.45 0.51 0.00
BOWLINE___2 23595	50.58 0.84 0.00	43.97 0.78 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.77 0.79 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.35 1.13 0.00	50.10 1.46 0.00	52.41 1.43 0.00	56.62 1.38 0.00	65.02 1.21 0.00	73.45 1.23 0.00	98.50 2.22 0.00	107.26 2.82 0.00	115.29 4.54 0.00	143.25 7.33 0.00	182.00 10.00 -8.04	190.09 8.05 -24.13	159.64 5.90 -25.64	145.94 3.91 -15.90	107.29 1.57 -7.31	76.13 0.46 0.00	64.52 0.57 0.00
BRADY___115KV_TB2 356060	51.48 1.74 0.00	44.71 1.51 0.00	41.26 1.36 0.00	37.39 1.26 0.00	37.20 1.22 0.00	40.59 1.37 0.00	45.38 1.53 0.00	48.82 1.61 0.00	49.90 1.26 0.00	52.26 1.27 0.00	56.62 1.38 0.00	65.21 1.40 0.00	74.03 1.81 0.00	97.05 0.77 0.00	104.13 -0.31 0.00	108.87 -1.88 0.00	132.51 -3.40 0.00	160.35 -3.61 0.00	155.23 -2.68 0.00	126.18 -1.92 0.00	125.88 -0.25 0.00	99.49 1.08 0.00	96.36 3.10 -17.59	95.44 2.75 -28.74
BRANSCOMB___SOLAR 323811	51.78 2.04 0.00	44.93 1.73 0.00	41.54 1.64 0.00	37.61 1.48 0.00	37.49 1.51 0.00	40.90 1.69 0.00	45.64 1.80 0.00	49.11 1.89 0.00	50.20 1.56 0.00	51.95 0.97 0.00	55.79 0.55 0.00	64.38 0.57 0.00	72.80 0.58 0.00	97.73 1.45 0.00	106.74 2.29 0.00	114.62 3.87 0.00	142.30 6.39 0.00	253.45 9.01 -80.48	408.52 9.16 -241.44	392.42 7.69 -256.63	292.40 7.19 -159.08	176.71 5.11 -73.18	79.00 3.33 0.00	66.57 2.62 0.00
BRDGHMPT_69_KV_BK1 55812	51.92 2.19 0.00	44.62 1.43 0.00	41.02 1.12 0.00	37.32 1.19 0.00	37.24 1.26 0.00	40.51 1.29 0.00	45.20 1.36 0.00	48.30 1.09 0.00	51.12 2.48 0.00	53.54 2.55 0.00	59.16 3.92 0.00	68.66 4.85 0.00	72.55 2.60 2.28	85.09 4.43 15.62	99.10 5.22 10.57	118.12 8.20 0.83	147.59 11.69 0.01	185.64 17.22 -4.47	191.18 12.48 -20.79	135.53 8.20 0.77	98.93 5.42 32.62	77.96 2.26 22.72	70.87 0.38 5.18	66.44 2.49 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	51.58 1.84 0.00	44.41 1.21 0.00	40.90 1.00 0.00	37.10 0.98 0.00	37.02 1.04 0.00	40.39 1.18 0.00	45.12 1.27 0.00	48.21 0.99 0.00	50.83 2.19 0.00	53.08 2.09 0.00	58.44 3.20 0.00	67.44 3.64 0.00	71.00 1.01 2.24	82.87 1.93 15.34	96.16 2.09 10.37	113.61 3.65 0.80	142.29 6.39 0.01	179.23 10.66 -4.62	185.65 6.79 -20.95	132.25 4.36 0.21	96.69 2.27 31.72	77.04 0.79 22.16	70.44 -0.15 5.08	65.99 2.05 0.00
BRISTLHL_115KV_TB1 79998	48.99 -0.75 0.00	42.50 -0.69 0.00	39.18 -0.72 0.00	35.37 -0.76 0.00	35.22 -0.76 0.00	38.43 -0.78 0.00	43.06 -0.79 0.00	46.42 -0.80 0.00	47.76 -0.88 0.00	50.22 -0.76 0.00	54.46 -0.77 0.00	63.11 -0.70 0.00	71.43 -0.79 0.00	95.61 -0.67 0.00	103.71 -0.73 0.00	110.53 -0.22 0.00	135.78 -0.14 0.00	163.63 -0.33 0.00	158.39 0.47 0.00	129.39 1.28 0.00	126.76 0.63 0.00	98.22 -0.20 0.00	74.84 -0.83 0.00	63.11 -0.83 0.00
BROOKHAVEN___DRP 24191	50.78 1.04 0.00	43.71 0.52 0.00	40.26 0.36 0.00	36.59 0.47 0.00	36.55 0.58 0.00	39.77 0.55 0.00	44.41 0.57 0.00	47.31 0.09 0.00	49.90 1.26 0.00	52.16 1.17 0.00	57.44 2.21 0.00	66.42 2.62 0.00	69.87 -0.07 2.28	81.33 0.67 15.63	95.02 1.15 10.57	113.36 3.43 0.83	141.88 5.98 0.01	178.75 10.33 -4.47	185.18 6.47 -20.79	131.16 3.84 0.78	95.38 1.89 32.64	75.58 -0.10 22.73	69.36 -1.14 5.18	65.10 1.15 0.00
BROOKLYN_NAVY_YARD 23515	51.08 1.34 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.21 1.08 0.00	37.10 1.12 0.00	40.51 1.29 0.00	45.51 1.67 0.00	49.06 1.84 0.00	50.97 2.33 0.00	53.33 2.35 0.00	57.50 2.27 0.00	65.85 2.04 0.00	74.47 2.24 0.00	99.85 3.56 0.00	108.63 4.18 0.00	117.41 6.20 -0.46	145.83 9.92 0.00	187.69 13.27 -10.46	195.90 10.74 -27.24	164.28 8.08 -28.10	148.24 5.68 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	64.97 1.02 0.00
BROOKLYN___ARMY_DRP 323595	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.77 1.93 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.18 1.95 0.00	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.24 10.33 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	147.47 4.92 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.90 0.96 0.00
BROOME_2_LFGE 323671	50.04 0.30 0.00	43.46 0.26 0.00	40.06 0.16 0.00	36.12 0.00 0.00	35.98 0.00 0.00	39.22 0.00 0.00	43.93 0.09 0.00	47.27 0.05 0.00	48.69 0.05 0.00	51.39 0.41 0.00	55.90 0.67 0.00	65.02 1.21 0.00	73.38 1.15 0.00	98.31 2.03 0.00	106.53 2.09 0.00	113.74 2.99 0.00	139.71 3.80 0.00	171.19 3.60 -3.63	173.55 4.73 -10.90	145.20 5.50 -11.59	137.73 4.41 -7.18	104.18 2.46 -3.31	76.81 1.14 0.00	64.91 0.96 0.00
BROOME___LFGE 323600	50.04 0.30 0.00	43.46 0.26 0.00	40.06 0.16 0.00	36.12 0.00 0.00	35.98 0.00 0.00	39.22 0.00 0.00	43.93 0.09 0.00	47.27 0.05 0.00	48.69 0.05 0.00	51.39 0.41 0.00	55.90 0.67 0.00	65.02 1.21 0.00	73.38 1.15 0.00	98.31 2.03 0.00	106.53 2.09 0.00	113.74 2.99 0.00	139.71 3.80 0.00	171.19 3.60 -3.63	173.55 4.73 -10.90	145.20 5.50 -11.59	137.73 4.41 -7.18	104.18 2.46 -3.31	76.81 1.14 0.00	64.91 0.96 0.00
BROWNFLS_115KV_TB 3_5 80003	51.28 1.54 0.00	44.32 1.12 0.00	40.78 0.88 0.00	36.92 0.79 0.00	36.66 0.68 0.00	40.08 0.86 0.00	45.03 1.18 0.00	48.54 1.32 0.00	50.00 1.36 0.00	52.26 1.27 0.00	56.62 1.38 0.00	65.27 1.47 0.00	74.10 1.88 0.00	97.82 1.54 0.00	104.23 -0.21 0.00	109.31 -1.44 0.00	133.33 -2.58 0.00	161.82 -2.13 0.00	156.34 -1.58 0.00	127.59 -0.51 0.00	125.75 -0.38 0.00	98.61 0.20 0.00	87.38 2.42 -9.29	81.30 2.17 -15.18
BROWNSV1_27_KV_LOAD 356125	51.58 1.84 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.50 1.37 0.00	37.38 1.40 0.00	40.86 1.65 0.00	45.86 2.02 0.00	49.44 2.22 0.00	51.41 2.77 0.00	53.84 2.86 0.00	58.16 2.93 0.00	66.74 2.94 0.00	75.33 3.11 0.00	100.90 4.62 0.00	109.87 5.43 0.00	118.28 7.53 0.00	147.60 11.69 0.00	187.51 15.25 -8.31	195.48 12.63 -24.93	164.21 9.61 -26.50	149.74 7.19 -16.42	109.61 3.64 -7.56	77.56 1.89 0.00	65.74 1.79 0.00
BURROWS___LYONSDAL 23803	51.28 1.54 0.00	44.23 1.04 0.00	40.70 0.80 0.00	36.74 0.61 0.00	36.52 0.54 0.00	39.92 0.71 0.00	44.85 1.01 0.00	48.40 1.18 0.00	50.10 1.46 0.00	52.26 1.27 0.00	56.56 1.33 0.00	65.27 1.47 0.00	73.96 1.73 0.00	98.69 2.41 0.00	106.11 1.67 0.00	112.74 1.99 0.00	138.49 2.58 0.00	168.05 4.10 0.00	162.02 4.11 0.00	132.46 4.36 0.00	129.41 3.28 0.00	100.48 2.07 0.00	80.39 2.04 -2.68	70.18 1.85 -4.38
CAITHNESS_CC_1 323624	50.63 0.90 0.00	43.72 0.52 0.00	40.26 0.36 0.00	36.59 0.47 0.00	36.55 0.57 0.00	39.69 0.47 0.00	44.41 0.57 0.00	47.31 0.09 0.00	49.86 1.22 0.00	52.06 1.07 0.00	57.28 2.04 0.00	65.08 1.28 0.00	69.73 -0.22 2.28	81.32 0.68 15.64	94.91 1.04 10.58	113.24 3.32 0.83	141.48 5.57 0.01	178.26 9.84 -4.47	184.70 6.00 -20.78	130.77 3.46 0.80	94.99 1.52 32.66	75.37 -0.29 22.75	69.28 -1.21 5.18	64.72 0.77 0.00
CALPINE BETH_PAGE_GT4 24209	50.83 1.09 0.00	44.06 0.86 0.00	40.62 0.72 0.00	36.85 0.72 0.00	36.73 0.76 0.00	40.12 0.90 0.00	44.81 0.96 0.00	47.83 0.61 0.00	50.29 1.65 0.00	52.62 1.63 0.00	57.72 2.49 0.00	66.49 2.68 0.00	71.21 0.65 1.67	86.29 1.44 11.43	98.69 1.98 7.73	114.36 4.10 0.49	143.11 7.20 0.01	180.98 10.99 -6.04	187.97 7.58 -22.48	140.17 5.12 -6.94	109.57 2.90 19.46	84.40 0.59 14.60	71.28 -0.61 3.79	65.03 1.09 0.00
CALPINE_BETH_PAGE_GT_4 323586	50.78 1.05 0.00	44.06 0.86 0.00	40.62 0.72 0.00	36.85 0.72 0.00	36.74 0.76 0.00	40.08 0.86 0.00	44.81 0.96 0.00	47.83 0.61 0.00	50.24 1.60 0.00	52.52 1.53 0.00	57.55 2.32 0.00	65.53 1.72 0.00	71.20 0.65 1.67	86.38 1.54 11.43	98.69 1.98 7.73	114.47 4.21 0.49	143.10 7.20 0.01	180.98 10.99 -6.04	187.97 7.58 -22.48	140.18 5.13 -6.94	109.32 2.65 19.46	84.41 0.59 14.60	71.28 -0.61 3.79	64.77 0.83 0.00
CALPINE_BP_GT1 23823	50.78 1.05 0.00	44.06 0.86 0.00	40.62 0.72 0.00	36.85 0.72 0.00	36.74 0.76 0.00	40.08 0.86 0.00	44.81 0.96 0.00	47.83 0.61 0.00	50.24 1.60 0.00	52.52 1.53 0.00	57.55 2.32 0.00	65.53 1.72 0.00	71.20 0.65 1.67	86.38 1.54 11.43	98.69 1.98 7.73	114.47 4.21 0.49	143.10 7.20 0.01	180.98 10.99 -6.04	187.97 7.58 -22.48	140.18 5.13 -6.94	109.32 2.65 19.46	84.41 0.59 14.60	71.28 -0.61 3.79	64.77 0.83 0.00
CALSPAN___DRP 24200	50.23 0.50 0.00	43.76 0.56 0.00	40.06 0.16 0.00	35.65 -0.47 0.00	35.40 -0.58 0.00	38.63 -0.59 0.00	43.19 -0.66 0.00	46.13 -1.09 0.00	47.86 -0.78 0.00	51.96 0.97 0.00	57.11 1.88 0.00	67.64 3.83 0.00	76.34 4.12 0.00	102.16 5.87 0.00	109.46 5.01 0.00	117.51 6.76 0.00	142.98 7.07 0.00	166.74 2.79 0.00	164.71 6.79 0.00	138.99 10.89 0.00	135.46 9.33 0.00	103.82 5.41 0.00	78.62 2.95 0.00	66.38 2.43 0.00

CALVERTON___SOLAR 323806	50.78 1.05 0.00	43.80 0.60 0.00	40.30 0.40 0.00	36.67 0.54 0.00	36.59 0.61 0.00	39.72 0.51 0.00	44.46 0.61 0.00	47.36 0.14 0.00	49.95 1.31 0.00	52.16 1.17 0.00	57.45 2.21 0.00	65.34 1.53 0.00	70.09 0.14 2.28	81.81 1.16 15.63	95.54 1.67 10.57	114.02 4.10 0.83	142.56 6.66 0.01	179.58 11.15 -4.47	185.97 7.27 -20.79	131.68 4.36 0.78	95.77 2.27 32.64	75.88 0.20 22.73	69.51 -0.99 5.18	64.91 0.96 0.00
CANDIGU_WT_PWR 323617	49.94 0.20 0.00	43.46 0.26 0.00	39.86 -0.04 0.00	35.73 -0.40 0.00	35.58 -0.39 0.00	38.86 -0.35 0.00	43.58 -0.26 0.00	46.56 -0.66 0.00	47.86 -0.78 0.00	51.09 0.10 0.00	55.84 0.61 0.00	65.72 1.91 0.00	73.96 1.73 0.00	98.88 2.60 0.00	106.64 2.20 0.00	114.19 3.44 0.00	139.58 3.67 0.00	167.70 1.47 -2.27	169.63 4.90 -6.81	143.55 8.21 -7.24	137.68 7.06 -4.49	104.31 3.83 -2.06	77.72 2.04 0.00	65.67 1.73 0.00
CARR STREET_E_SYR 24060	48.99 -0.74 0.00	42.55 -0.65 0.00	39.18 -0.72 0.00	35.36 -0.76 0.00	35.22 -0.76 0.00	38.43 -0.78 0.00	43.06 -0.79 0.00	46.41 -0.80 0.00	47.81 -0.83 0.00	50.32 -0.66 0.00	54.68 -0.55 0.00	63.43 -0.38 0.00	71.72 -0.50 0.00	95.99 -0.29 0.00	104.24 -0.21 0.00	111.08 0.33 0.00	136.46 0.55 0.00	164.12 0.16 0.00	158.87 0.95 0.00	129.90 1.79 0.00	127.13 1.00 0.00	98.41 0.00 0.00	74.99 -0.68 0.00	63.24 -0.70 0.00
CARTHAGE___PAPER 23857	52.07 2.34 0.00	44.79 1.60 0.00	41.18 1.28 0.00	37.17 1.05 0.00	36.91 0.93 0.00	40.39 1.18 0.00	45.42 1.58 0.00	49.20 1.98 0.00	50.68 2.04 0.00	52.72 1.73 0.00	57.00 1.77 0.00	65.85 2.04 0.00	74.60 2.38 0.00	96.09 -0.19 0.00	103.92 -0.52 0.00	110.09 -0.66 0.00	134.97 -0.94 0.00	164.78 0.82 0.00	159.96 2.05 0.00	131.82 3.72 0.00	129.03 2.90 0.00	103.62 5.21 0.00	83.50 4.01 -3.81	73.50 3.32 -6.23
CASSADAGA_WT_PWR 323784	50.43 0.70 0.00	43.67 0.48 0.00	39.74 -0.16 0.00	35.44 -0.69 0.00	35.19 -0.79 0.00	38.55 -0.67 0.00	43.27 -0.57 0.00	46.60 -0.62 0.00	48.69 0.05 0.00	53.03 2.04 0.00	58.44 3.20 0.00	69.87 6.06 0.00	78.44 6.21 0.00	105.33 9.05 0.00	112.69 8.25 0.00	120.93 10.18 0.00	147.19 11.27 0.00	172.31 8.36 0.00	170.24 12.33 0.00	143.47 15.37 0.00	139.37 13.24 0.00	106.58 8.16 0.00	80.67 4.99 0.00	68.04 4.10 0.00
CE_DUNWOOD___DRP 24194	50.93 1.19 0.00	44.28 1.08 0.00	40.98 1.08 0.00	37.10 0.98 0.00	36.99 1.01 0.00	40.35 1.14 0.00	45.20 1.36 0.00	48.73 1.51 0.00	50.59 1.95 0.00	52.93 1.94 0.00	57.17 1.93 0.00	65.72 1.91 0.00	74.10 1.88 0.00	99.36 3.08 0.00	108.10 3.66 0.00	116.29 5.54 0.00	144.75 8.83 0.00	184.05 11.80 -8.29	192.27 9.47 -24.88	161.60 7.05 -26.45	147.57 5.05 -16.39	108.22 2.26 -7.54	76.58 0.91 0.00	64.97 1.02 0.00
CE_MILLWOOD___DRP 24193	50.83 1.09 0.00	44.19 0.99 0.00	40.90 1.00 0.00	37.03 0.90 0.00	36.91 0.94 0.00	40.31 1.10 0.00	45.12 1.27 0.00	48.59 1.37 0.00	50.44 1.80 0.00	52.72 1.73 0.00	57.00 1.77 0.00	65.53 1.72 0.00	73.89 1.66 0.00	99.07 2.79 0.00	107.79 3.34 0.00	115.96 5.21 0.00	144.20 8.29 0.00	183.37 11.15 -8.26	191.71 9.00 -24.79	161.11 6.66 -26.35	147.13 4.67 -16.33	107.99 2.07 -7.51	76.50 0.83 0.00	64.84 0.90 0.00
CE_NYC2_DRP 24202	51.08 1.34 0.00	44.71 1.51 0.00	41.34 1.44 0.00	37.42 1.30 0.00	37.31 1.33 0.00	40.75 1.53 0.00	45.69 1.84 0.00	49.20 1.98 0.00	51.07 2.43 0.00	53.38 2.40 0.00	57.50 2.26 0.00	65.79 1.98 0.00	74.17 1.95 0.00	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	145.97 10.06 0.00	185.38 13.12 -8.31	193.43 10.58 -24.93	162.29 7.69 -26.50	147.22 4.67 -16.42	107.84 1.87 -7.56	76.28 0.61 0.00	64.65 0.70 0.00
CE_NYC_DRP 24195	51.18 1.44 0.00	44.53 1.34 0.00	41.18 1.28 0.00	37.28 1.16 0.00	37.17 1.19 0.00	40.59 1.37 0.00	45.51 1.67 0.00	49.06 1.84 0.00	51.02 2.38 0.00	53.38 2.40 0.00	57.67 2.43 0.00	66.17 2.36 0.00	74.68 2.46 0.00	100.04 3.76 0.00	108.83 4.39 0.00	117.17 6.42 0.00	146.11 10.19 0.00	185.71 13.44 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.49	148.36 5.80 -16.42	108.62 2.66 -7.56	76.88 1.21 0.00	65.16 1.21 0.00
CHAFFEE___LFGE 323603	50.43 0.70 0.00	43.88 0.69 0.00	40.10 0.20 0.00	35.76 -0.36 0.00	35.55 -0.43 0.00	38.75 -0.47 0.00	43.32 -0.52 0.00	46.51 -0.71 0.00	48.20 -0.44 0.00	52.31 1.32 0.00	57.45 2.21 0.00	68.46 4.66 0.00	76.70 4.48 0.00	102.83 6.55 0.00	109.98 5.53 0.00	118.17 7.42 0.00	143.93 8.02 0.00	167.88 3.93 0.00	165.97 8.05 0.00	140.02 11.92 0.00	136.22 10.09 0.00	104.12 5.71 0.00	79.00 3.33 0.00	66.83 2.88 0.00
CHATEAUG_35_KV_LOAD 355732	49.93 0.20 0.00	43.54 0.35 0.00	40.22 0.32 0.00	36.49 0.36 0.00	36.34 0.36 0.00	39.65 0.43 0.00	44.33 0.48 0.00	47.83 0.61 0.00	48.93 0.29 0.00	51.40 0.41 0.00	55.79 0.55 0.00	64.25 0.45 0.00	72.87 0.65 0.00	96.09 -0.19 0.00	103.82 -0.63 0.00	108.76 -1.99 0.00	132.38 -3.53 0.00	159.86 -4.10 0.00	154.13 -3.79 0.00	124.65 -3.46 0.00	124.24 -1.89 0.00	97.92 -0.49 0.00	77.92 0.98 -1.26	66.71 0.70 -2.06
CHATEAUG_WT_PWR 323614	49.79 0.05 0.00	43.46 0.26 0.00	40.10 0.20 0.00	36.41 0.29 0.00	36.27 0.29 0.00	39.57 0.35 0.00	44.24 0.39 0.00	47.55 0.33 0.00	48.93 0.29 0.00	51.39 0.41 0.00	55.79 0.55 0.00	64.26 0.45 0.00	72.95 0.72 0.00	96.19 -0.10 0.00	103.92 -0.52 0.00	108.87 -1.88 0.00	132.52 -3.39 0.00	159.86 -4.09 0.00	154.13 -3.79 0.00	124.52 -3.59 0.00	123.99 -2.14 0.00	97.73 -0.68 0.00	76.35 0.68 0.00	64.45 0.51 0.00
CHAT_HIGH_FALL_HYD 323578	49.93 0.20 0.00	43.54 0.35 0.00	40.22 0.32 0.00	36.49 0.36 0.00	36.34 0.36 0.00	39.65 0.43 0.00	44.33 0.48 0.00	47.83 0.61 0.00	48.93 0.29 0.00	51.40 0.41 0.00	55.79 0.55 0.00	64.25 0.45 0.00	72.87 0.65 0.00	96.09 -0.19 0.00	103.82 -0.63 0.00	108.76 -1.99 0.00	132.38 -3.53 0.00	159.86 -4.10 0.00	154.13 -3.79 0.00	124.65 -3.46 0.00	124.24 -1.89 0.00	97.92 -0.49 0.00	77.92 0.98 -1.26	66.71 0.70 -2.06
CHAUTAUQUA___LFGE 323629	50.43 0.70 0.00	43.80 0.60 0.00	39.98 0.08 0.00	35.65 -0.47 0.00	35.40 -0.58 0.00	38.71 -0.51 0.00	43.32 -0.52 0.00	46.56 -0.66 0.00	48.40 -0.24 0.00	52.57 1.58 0.00	57.83 2.60 0.00	68.91 5.11 0.00	77.28 5.05 0.00	103.60 7.31 0.00	110.92 6.48 0.00	119.16 8.41 0.00	145.02 9.11 0.00	169.53 5.58 0.00	167.55 9.63 0.00	141.30 13.20 0.00	137.49 11.36 0.00	105.20 6.79 0.00	79.76 4.08 0.00	67.33 3.39 0.00
CHERRYST_13_KV_LD 356241	51.38 1.64 0.00	44.71 1.51 0.00	41.34 1.44 0.00	37.39 1.26 0.00	37.27 1.30 0.00	40.71 1.49 0.00	45.69 1.84 0.00	49.30 2.08 0.00	51.27 2.63 0.00	53.69 2.70 0.00	57.94 2.71 0.00	66.55 2.74 0.00	75.04 2.82 0.00	100.52 4.24 0.00	109.46 5.01 0.00	117.84 7.09 0.00	146.92 11.01 0.00	186.69 14.43 -8.31	194.53 11.69 -24.93	163.31 8.71 -26.49	148.99 6.43 -16.42	109.02 3.05 -7.56	77.19 1.51 0.00	65.42 1.47 0.00

CHESTROR_138KV_BK263 355645	50.53 0.80 0.00	43.89 0.69 0.00	40.62 0.72 0.00	36.81 0.69 0.00	36.70 0.72 0.00	40.04 0.82 0.00	44.77 0.92 0.00	48.21 0.99 0.00	49.95 1.31 0.00	52.21 1.22 0.00	56.39 1.16 0.00	64.89 1.08 0.00	73.31 1.08 0.00	98.11 1.83 0.00	106.95 2.51 0.00	114.74 3.99 0.00	142.44 6.52 0.00	180.66 9.02 -7.69	188.25 7.26 -23.07	158.01 5.38 -24.53	144.99 3.66 -15.20	106.98 1.57 -6.99	76.20 0.53 0.00	64.58 0.64 0.00
CH_MIDHUDSON___DRP 24192	50.98 1.24 0.00	44.28 1.08 0.00	40.94 1.04 0.00	37.10 0.98 0.00	36.99 1.01 0.00	40.35 1.14 0.00	45.16 1.32 0.00	48.63 1.42 0.00	50.39 1.75 0.00	52.62 1.63 0.00	56.84 1.60 0.00	65.40 1.60 0.00	73.89 1.66 0.00	98.98 2.70 0.00	107.89 3.45 0.00	115.85 5.09 0.00	143.93 8.02 0.00	183.58 10.82 -8.80	193.33 9.00 -26.41	162.71 6.53 -28.07	148.20 4.67 -17.40	108.78 2.36 -8.01	76.81 1.14 0.00	65.03 1.09 0.00
CH_MISC_IPPS 23765	51.23 1.49 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.25 1.12 0.00	37.13 1.15 0.00	40.51 1.29 0.00	45.38 1.53 0.00	48.87 1.65 0.00	50.59 1.95 0.00	52.82 1.83 0.00	57.11 1.88 0.00	65.59 1.78 0.00	74.24 2.02 0.00	99.65 3.37 0.00	108.73 4.28 0.00	116.62 5.87 0.00	145.02 9.11 0.00	184.87 12.30 -8.61	194.00 10.26 -25.83	163.24 7.69 -27.45	148.83 5.68 -17.02	109.39 3.15 -7.83	77.26 1.59 0.00	65.35 1.41 0.00
CH_RES_BVR_FALLS 23983	49.59 -0.15 0.00	43.02 -0.17 0.00	39.70 -0.20 0.00	35.98 -0.14 0.00	35.84 -0.14 0.00	39.10 -0.12 0.00	43.71 -0.13 0.00	47.12 -0.09 0.00	48.59 -0.05 0.00	50.99 0.00 0.00	55.29 0.06 0.00	63.81 0.00 0.00	72.30 0.07 0.00	95.51 -0.77 0.00	103.30 -1.15 0.00	109.09 -1.66 0.00	133.60 -2.31 0.00	161.17 -2.79 0.00	155.23 -2.69 0.00	125.54 -2.56 0.00	123.99 -2.14 0.00	97.03 -1.38 0.00	75.06 -0.61 0.00	63.75 -0.19 0.00
CH_RES_NIAGARA 23895	49.24 -0.50 0.00	43.11 -0.09 0.00	38.94 -0.96 0.00	35.11 -1.01 0.00	34.94 -1.04 0.00	37.45 -1.76 0.00	41.78 -2.06 0.00	44.62 -2.60 0.00	46.26 -2.38 0.00	50.32 -0.66 0.00	55.29 0.06 0.00	65.47 1.66 0.00	73.67 1.44 0.00	98.30 2.02 0.00	105.17 0.73 0.00	112.74 1.99 0.00	136.86 0.95 0.00	158.87 -5.08 0.00	156.81 -1.11 0.00	132.84 4.74 0.00	129.79 3.66 0.00	99.69 1.28 0.00	75.67 0.00 0.00	64.52 0.58 0.00
CH_RES_SYRACUSE 23985	49.54 -0.20 0.00	43.02 -0.17 0.00	39.62 -0.28 0.00	35.73 -0.40 0.00	35.58 -0.39 0.00	38.82 -0.39 0.00	43.54 -0.30 0.00	46.94 -0.28 0.00	48.30 -0.34 0.00	50.84 -0.15 0.00	55.18 -0.06 0.00	63.74 -0.06 0.00	72.01 -0.22 0.00	96.38 0.10 0.00	104.65 0.21 0.00	111.53 0.78 0.00	136.99 1.08 0.00	165.11 1.16 0.00	159.82 1.90 0.00	130.67 2.56 0.00	127.90 1.76 0.00	99.01 0.59 0.00	75.37 -0.30 0.00	63.56 0.00 0.00
CLINTON_WT_PWR 323605	49.79 0.05 0.00	43.46 0.26 0.00	40.10 0.20 0.00	36.41 0.29 0.00	36.27 0.29 0.00	39.57 0.35 0.00	44.24 0.39 0.00	47.55 0.33 0.00	48.93 0.29 0.00	51.39 0.41 0.00	55.79 0.55 0.00	64.26 0.45 0.00	72.95 0.72 0.00	96.19 -0.10 0.00	103.92 -0.52 0.00	108.87 -1.88 0.00	132.52 -3.39 0.00	159.86 -4.09 0.00	154.13 -3.79 0.00	124.52 -3.59 0.00	123.99 -2.14 0.00	97.73 -0.68 0.00	76.35 0.68 0.00	64.45 0.51 0.00
CLINTON___LFGE 323618	50.23 0.50 0.00	43.93 0.73 0.00	40.54 0.64 0.00	36.85 0.72 0.00	36.66 0.68 0.00	40.00 0.78 0.00	44.77 0.92 0.00	47.97 0.75 0.00	49.27 0.63 0.00	51.80 0.81 0.00	56.23 1.00 0.00	64.77 0.96 0.00	73.59 1.37 0.00	96.77 0.48 0.00	104.55 0.10 0.00	109.53 -1.22 0.00	133.47 -2.44 0.00	161.17 -2.79 0.00	155.55 -2.36 0.00	125.93 -2.18 0.00	125.38 -0.75 0.00	98.71 0.30 0.00	77.26 1.59 0.00	65.16 1.21 0.00
COBBLENY_34_KV_TB1 80064	50.38 0.65 0.00	43.89 0.69 0.00	40.14 0.24 0.00	35.73 -0.40 0.00	35.48 -0.50 0.00	38.75 -0.47 0.00	43.32 -0.53 0.00	46.37 -0.85 0.00	48.10 -0.54 0.00	52.16 1.17 0.00	57.33 2.10 0.00	67.95 4.15 0.00	76.70 4.48 0.00	102.73 6.45 0.00	110.08 5.64 0.00	118.17 7.42 0.00	143.93 8.02 0.00	167.89 3.93 0.00	165.97 8.05 0.00	140.02 11.91 0.00	136.22 10.09 0.00	104.42 6.00 0.00	79.00 3.33 0.00	66.63 2.69 0.00
COFFEEN___115KV_TB3 355620	52.87 3.13 0.00	45.40 2.20 0.00	41.70 1.80 0.00	37.61 1.48 0.00	37.35 1.37 0.00	40.86 1.65 0.00	45.99 2.15 0.00	50.00 2.79 0.00	51.22 2.58 0.00	53.23 2.24 0.00	57.50 2.26 0.00	66.55 2.74 0.00	75.33 3.11 0.00	100.62 4.33 0.00	106.64 2.19 0.00	113.74 2.99 0.00	139.99 4.08 0.00	171.17 7.21 0.00	167.55 9.63 0.00	139.25 11.15 0.00	136.09 9.96 0.00	105.20 6.79 0.00	84.32 5.90 -2.75	73.17 4.73 -4.49
COLDSPRG_115KV_BK1 355956	50.68 0.94 0.00	43.97 0.78 0.00	40.14 0.24 0.00	35.76 -0.36 0.00	35.55 -0.43 0.00	38.94 -0.27 0.00	43.76 -0.09 0.00	46.98 -0.24 0.00	48.88 0.24 0.00	53.03 2.04 0.00	58.27 3.04 0.00	69.17 5.36 0.00	78.15 5.92 0.00	104.95 8.67 0.00	112.38 7.94 0.00	120.50 9.75 0.00	146.79 10.87 0.00	172.15 8.20 0.00	170.08 12.16 0.00	143.09 14.99 0.00	139.00 12.87 0.00	106.48 8.07 0.00	80.52 4.84 0.00	67.78 3.84 0.00
COLONIE_LFGE___ 323577	51.23 1.49 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.31 1.19 0.00	37.16 1.19 0.00	40.55 1.33 0.00	45.25 1.40 0.00	48.73 1.51 0.00	50.10 1.46 0.00	52.06 1.07 0.00	56.01 0.77 0.00	64.58 0.77 0.00	73.02 0.80 0.00	97.92 1.64 0.00	106.74 2.29 0.00	114.62 3.87 0.00	142.17 6.26 0.00	242.53 8.36 -70.21	375.98 7.42 -210.64	357.90 5.90 -223.90	269.71 4.79 -138.79	165.41 3.15 -63.85	77.64 1.96 0.00	65.54 1.60 0.00
COOPERNY_115KV_TB1 80082	50.28 0.55 0.00	43.67 0.48 0.00	40.42 0.52 0.00	36.59 0.47 0.00	36.48 0.50 0.00	39.77 0.55 0.00	44.46 0.61 0.00	47.88 0.66 0.00	49.56 0.92 0.00	51.85 0.87 0.00	56.06 0.83 0.00	64.64 0.83 0.00	73.02 0.79 0.00	97.73 1.44 0.00	106.32 1.88 0.00	113.74 2.99 0.00	140.80 4.89 0.00	176.87 6.56 -6.36	182.51 5.53 -19.07	152.73 4.36 -20.27	141.60 2.90 -12.57	105.47 1.28 -5.78	76.05 0.38 0.00	64.39 0.45 0.00
COPENHAGEN_WT_PWR 323753	52.17 2.44 0.00	44.88 1.68 0.00	41.26 1.36 0.00	37.17 1.05 0.00	36.95 0.97 0.00	40.43 1.22 0.00	45.47 1.62 0.00	49.39 2.17 0.00	50.68 2.04 0.00	52.72 1.73 0.00	57.00 1.77 0.00	65.98 2.17 0.00	74.68 2.46 0.00	97.92 1.64 0.00	105.91 1.46 0.00	112.85 2.10 0.00	138.77 2.86 0.00	169.20 5.25 0.00	165.18 7.27 0.00	136.82 8.72 0.00	133.83 7.69 0.00	105.40 6.99 0.00	82.96 4.69 -2.59	71.96 3.77 -4.24
CORNELL_____ 23752	50.68 0.94 0.00	44.02 0.82 0.00	40.50 0.60 0.00	36.49 0.36 0.00	36.34 0.36 0.00	39.69 0.47 0.00	44.55 0.70 0.00	47.93 0.71 0.00	49.18 0.54 0.00	51.65 0.66 0.00	56.06 0.83 0.00	65.02 1.21 0.00	73.67 1.44 0.00	98.69 2.41 0.00	107.05 2.61 0.00	114.29 3.54 0.00	140.67 4.76 0.00	172.39 5.90 -2.53	173.09 7.58 -7.59	144.12 7.94 -8.07	137.94 6.81 -5.00	104.95 4.23 -2.30	77.94 2.27 0.00	65.67 1.73 0.00

CORONA_69_KV_TB1 355595	51.48 1.74 0.00	44.49 1.30 0.00	41.02 1.12 0.00	37.17 1.05 0.00	37.06 1.08 0.00	40.47 1.25 0.00	45.25 1.40 0.00	48.49 1.27 0.00	50.88 2.24 0.00	53.23 2.24 0.00	58.33 3.09 0.00	67.19 3.38 0.00	73.94 1.95 0.23	97.91 3.18 1.55	107.16 3.76 1.05	117.57 5.87 -0.95	145.28 9.38 0.01	189.84 13.12 -12.77	197.59 9.95 -29.72	162.95 7.43 -27.42	143.01 5.30 -11.58	105.34 2.36 -4.57	75.99 0.83 0.52	65.93 1.98 0.00
CORTLAND_115KV_TB3 80093	50.18 0.45 0.00	43.58 0.39 0.00	40.14 0.24 0.00	36.20 0.07 0.00	36.05 0.07 0.00	39.37 0.16 0.00	44.11 0.26 0.00	47.50 0.28 0.00	48.83 0.19 0.00	51.34 0.36 0.00	55.73 0.50 0.00	64.51 0.70 0.00	73.09 0.87 0.00	97.82 1.54 0.00	106.22 1.78 0.00	113.30 2.55 0.00	139.31 3.40 0.00	167.89 3.93 0.00	162.97 5.05 0.00	133.61 5.51 0.00	130.67 4.54 0.00	101.07 2.66 0.00	76.88 1.21 0.00	64.90 0.96 0.00
COXSACKIE___GT 23611	52.37 2.63 0.00	45.40 2.20 0.00	41.89 1.99 0.00	37.86 1.73 0.00	37.71 1.73 0.00	41.22 2.00 0.00	46.08 2.23 0.00	49.58 2.36 0.00	50.39 1.75 0.00	52.06 1.07 0.00	56.01 0.77 0.00	64.63 0.83 0.00	73.16 0.94 0.00	97.41 2.69 1.56	103.84 3.97 4.57	109.18 5.54 7.10	137.09 8.83 7.65	169.80 12.63 6.78	202.47 10.26 -34.29	184.98 8.21 -48.67	159.85 7.44 -26.28	119.27 5.21 -15.65	79.38 3.71 0.00	66.95 3.01 0.00
CPV_VALLEY___CC1 323721	50.18 0.45 0.00	43.63 0.43 0.00	40.38 0.48 0.00	36.59 0.47 0.00	36.48 0.50 0.00	39.76 0.55 0.00	44.46 0.61 0.00	47.93 0.71 0.00	49.56 0.92 0.00	51.85 0.87 0.00	56.06 0.83 0.00	64.45 0.64 0.00	72.80 0.58 0.00	97.63 1.35 0.00	106.22 1.77 0.00	113.85 3.10 0.00	141.21 5.30 0.00	178.48 7.38 -7.13	185.17 5.85 -21.40	155.08 4.22 -22.75	142.89 2.65 -14.10	105.78 0.88 -6.49	75.75 0.08 0.00	64.14 0.19 0.00
CPV_VALLEY___CC2 323722	50.18 0.45 0.00	43.63 0.43 0.00	40.38 0.48 0.00	36.59 0.47 0.00	36.48 0.50 0.00	39.76 0.55 0.00	44.46 0.61 0.00	47.93 0.71 0.00	49.56 0.92 0.00	51.85 0.87 0.00	56.06 0.83 0.00	64.45 0.64 0.00	72.80 0.58 0.00	97.63 1.35 0.00	106.22 1.77 0.00	113.85 3.10 0.00	141.21 5.30 0.00	178.48 7.38 -7.13	185.17 5.85 -21.40	155.08 4.22 -22.75	142.89 2.65 -14.10	105.78 0.88 -6.49	75.75 0.08 0.00	64.14 0.19 0.00
CRESCENT___HYD 24018	51.23 1.49 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.31 1.19 0.00	37.16 1.19 0.00	40.55 1.33 0.00	45.25 1.40 0.00	48.73 1.51 0.00	50.10 1.46 0.00	52.06 1.07 0.00	56.01 0.77 0.00	64.58 0.77 0.00	73.02 0.80 0.00	97.92 1.64 0.00	106.74 2.29 0.00	114.62 3.87 0.00	142.17 6.26 0.00	242.53 8.36 -70.21	375.98 7.42 -210.64	357.90 5.90 -223.90	269.71 4.79 -138.79	165.41 3.15 -63.85	77.64 1.96 0.00	65.54 1.60 0.00
CRICKET___VALLEY_CC1 323756	50.48 0.75 0.00	43.88 0.69 0.00	40.62 0.72 0.00	36.81 0.68 0.00	36.70 0.72 0.00	40.04 0.82 0.00	44.77 0.92 0.00	48.21 0.99 0.00	49.86 1.22 0.00	51.95 0.97 0.00	55.95 0.72 0.00	64.26 0.45 0.00	72.66 0.44 0.00	97.44 1.16 0.00	106.22 1.77 0.00	114.29 3.54 0.00	142.03 6.12 0.00	182.58 8.52 -10.10	194.69 6.48 -30.30	164.91 4.61 -32.20	149.00 2.90 -19.96	108.68 1.08 -9.18	75.82 0.15 0.00	64.27 0.32 0.00
CRICKET___VALLEY_CC2 323757	50.48 0.75 0.00	43.88 0.69 0.00	40.62 0.72 0.00	36.81 0.68 0.00	36.70 0.72 0.00	40.04 0.82 0.00	44.77 0.92 0.00	48.21 0.99 0.00	49.86 1.22 0.00	51.95 0.97 0.00	55.95 0.72 0.00	64.26 0.45 0.00	72.66 0.44 0.00	97.44 1.16 0.00	106.22 1.77 0.00	114.29 3.54 0.00	142.03 6.12 0.00	182.58 8.52 -10.10	194.69 6.48 -30.30	164.91 4.61 -32.20	149.00 2.90 -19.96	108.68 1.08 -9.18	75.82 0.15 0.00	64.27 0.32 0.00
CRICKET___VALLEY_CC3 323758	50.48 0.75 0.00	43.88 0.69 0.00	40.62 0.72 0.00	36.81 0.68 0.00	36.70 0.72 0.00	40.04 0.82 0.00	44.77 0.92 0.00	48.21 0.99 0.00	49.86 1.22 0.00	51.95 0.97 0.00	55.95 0.72 0.00	64.26 0.45 0.00	72.66 0.44 0.00	97.44 1.16 0.00	106.22 1.77 0.00	114.29 3.54 0.00	142.03 6.12 0.00	182.58 8.52 -10.10	194.69 6.48 -30.30	164.91 4.61 -32.20	149.00 2.90 -19.96	108.68 1.08 -9.18	75.82 0.15 0.00	64.27 0.32 0.00
CRUCIBLE_METL_DRP 24180	49.54 -0.20 0.00	43.02 -0.17 0.00	39.62 -0.28 0.00	35.73 -0.40 0.00	35.58 -0.40 0.00	38.82 -0.39 0.00	43.54 -0.31 0.00	46.89 -0.33 0.00	48.25 -0.39 0.00	50.78 -0.20 0.00	55.18 -0.06 0.00	63.68 -0.13 0.00	72.01 -0.22 0.00	96.38 0.10 0.00	104.65 0.21 0.00	111.53 0.78 0.00	137.00 1.09 0.00	165.10 1.15 0.00	159.81 1.89 0.00	130.67 2.56 0.00	127.77 1.64 0.00	99.00 0.59 0.00	75.37 -0.30 0.00	63.56 -0.38 0.00
DAHOWA___HYDRO 323763	51.92 2.19 0.00	45.09 1.90 0.00	41.65 1.75 0.00	37.68 1.55 0.00	37.60 1.62 0.00	41.06 1.84 0.00	45.77 1.93 0.00	49.29 2.08 0.00	50.34 1.70 0.00	52.11 1.12 0.00	55.84 0.61 0.00	64.45 0.64 0.00	72.95 0.72 0.00	97.92 1.64 0.00	106.95 2.50 0.00	114.96 4.21 0.00	142.84 6.93 0.00	255.77 9.84 -81.98	413.97 10.12 -245.94	397.97 8.45 -261.41	296.12 7.95 -162.04	178.66 5.71 -74.54	79.45 3.78 0.00	66.89 2.94 0.00
DANC___LFGE 323619	50.93 1.19 0.00	43.97 0.78 0.00	40.42 0.52 0.00	36.49 0.36 0.00	36.27 0.29 0.00	39.65 0.43 0.00	44.50 0.66 0.00	48.26 1.04 0.00	49.56 0.92 0.00	51.75 0.77 0.00	55.95 0.72 0.00	64.82 1.02 0.00	73.31 1.08 0.00	96.86 0.58 0.00	104.86 0.42 0.00	111.75 0.99 0.00	137.27 1.36 0.00	166.74 2.78 0.00	162.18 4.27 0.00	133.73 5.63 0.00	130.80 4.67 0.00	102.45 4.04 0.00	80.00 2.57 -1.75	68.79 1.98 -2.86
DANSKAMMER___1 23586	51.23 1.49 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.25 1.12 0.00	37.13 1.15 0.00	40.51 1.29 0.00	45.38 1.53 0.00	48.87 1.65 0.00	50.59 1.95 0.00	52.82 1.83 0.00	57.11 1.88 0.00	65.59 1.78 0.00	74.24 2.02 0.00	99.65 3.37 0.00	108.73 4.28 0.00	116.62 5.87 0.00	145.02 9.11 0.00	184.87 12.30 -8.61	194.00 10.26 -25.83	163.24 7.69 -27.45	148.83 5.68 -17.02	109.39 3.15 -7.83	77.26 1.59 0.00	65.35 1.41 0.00
DANSKAMMER___2 23589	51.23 1.49 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.25 1.12 0.00	37.13 1.15 0.00	40.51 1.29 0.00	45.38 1.53 0.00	48.87 1.65 0.00	50.59 1.95 0.00	52.82 1.83 0.00	57.11 1.88 0.00	65.59 1.78 0.00	74.24 2.02 0.00	99.65 3.37 0.00	108.73 4.28 0.00	116.62 5.87 0.00	145.02 9.11 0.00	184.87 12.30 -8.61	194.00 10.26 -25.83	163.24 7.69 -27.45	148.83 5.68 -17.02	109.39 3.15 -7.83	77.26 1.59 0.00	65.35 1.41 0.00
DANSKAMMER___3 23590	51.23 1.49 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.25 1.12 0.00	37.13 1.15 0.00	40.51 1.29 0.00	45.38 1.53 0.00	48.87 1.65 0.00	50.59 1.95 0.00	52.82 1.83 0.00	57.11 1.88 0.00	65.59 1.78 0.00	74.24 2.02 0.00	99.65 3.37 0.00	108.73 4.28 0.00	116.62 5.87 0.00	145.02 9.11 0.00	184.87 12.30 -8.61	194.00 10.26 -25.83	163.24 7.69 -27.45	148.83 5.68 -17.02	109.39 3.15 -7.83	77.26 1.59 0.00	65.35 1.41 0.00

DANSKAMMER___4 23591	51.23 1.49 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.25 1.12 0.00	37.13 1.15 0.00	40.51 1.29 0.00	45.38 1.53 0.00	48.87 1.65 0.00	50.59 1.95 0.00	52.82 1.83 0.00	57.11 1.88 0.00	65.59 1.78 0.00	74.24 2.02 0.00	99.65 3.37 0.00	108.73 4.28 0.00	116.62 5.87 0.00	145.02 9.11 0.00	184.87 12.30 -8.61	194.00 10.26 -25.83	163.24 7.69 -27.45	148.83 5.68 -17.02	109.39 3.15 -7.83	77.26 1.59 0.00	65.35 1.41 0.00
DANSKAMMER___DIESEL 23592	51.23 1.49 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.51 1.29 0.00	45.38 1.53 0.00	48.87 1.65 0.00	50.63 1.99 0.00	52.87 1.89 0.00	57.11 1.88 0.00	65.72 1.91 0.00	74.32 2.09 0.00	99.65 3.37 0.00	108.73 4.28 0.00	116.62 5.87 0.00	145.02 9.11 0.00	184.86 12.30 -8.61	194.01 10.26 -25.83	163.24 7.69 -27.45	148.82 5.68 -17.02	109.39 3.15 -7.83	77.26 1.59 0.00	65.42 1.47 0.00
DARBY___SOLAR 323810	51.78 2.04 0.00	44.93 1.73 0.00	41.54 1.64 0.00	37.57 1.45 0.00	37.49 1.51 0.00	40.90 1.69 0.00	45.64 1.80 0.00	49.11 1.89 0.00	50.20 1.56 0.00	52.01 1.02 0.00	55.79 0.55 0.00	64.32 0.51 0.00	72.80 0.58 0.00	97.73 1.45 0.00	106.74 2.29 0.00	114.62 3.87 0.00	142.44 6.52 0.00	253.69 9.18 -80.56	409.06 9.47 -241.66	392.92 7.95 -256.87	292.54 7.19 -159.23	176.78 5.11 -73.25	79.00 3.33 0.00	66.57 2.62 0.00
DASHVILLE___HYD 23610	50.63 0.90 0.00	43.93 0.73 0.00	40.66 0.76 0.00	36.85 0.72 0.00	36.70 0.72 0.00	40.00 0.78 0.00	44.77 0.92 0.00	48.16 0.94 0.00	49.86 1.22 0.00	52.06 1.07 0.00	56.23 0.99 0.00	64.70 0.89 0.00	73.09 0.87 0.00	98.60 2.70 0.38	106.79 3.45 1.10	114.02 4.98 1.71	142.09 8.02 1.84	178.98 10.99 -4.04	189.99 6.79 -25.28	162.66 4.74 -29.82	146.70 3.03 -17.55	108.43 1.08 -8.93	76.28 0.61 0.00	64.58 0.64 0.00
DELAWARE___LFGE 323621	50.68 0.94 0.00	43.97 0.78 0.00	40.66 0.76 0.00	36.85 0.72 0.00	36.70 0.72 0.00	40.00 0.78 0.00	44.68 0.83 0.00	48.12 0.90 0.00	49.61 0.97 0.00	51.96 0.97 0.00	56.23 0.99 0.00	65.02 1.21 0.00	73.52 1.30 0.00	98.40 2.12 0.00	106.95 2.51 0.00	114.07 3.32 0.00	140.67 4.76 0.00	181.80 6.07 -11.77	199.24 6.00 -35.32	171.15 5.51 -37.54	153.82 4.41 -23.27	111.97 2.85 -10.71	77.11 1.44 0.00	65.16 1.21 0.00
DERFIELD_115KV_TB7 355931	49.79 0.05 0.00	43.20 0.00 0.00	39.90 0.00 0.00	36.12 0.00 0.00	36.01 0.04 0.00	39.22 0.00 0.00	43.84 0.00 0.00	47.27 0.05 0.00	48.69 0.05 0.00	50.99 0.00 0.00	55.18 -0.06 0.00	63.74 -0.06 0.00	72.15 -0.07 0.00	96.28 0.00 0.00	104.55 0.10 0.00	111.19 0.44 0.00	136.86 0.95 0.00	165.27 1.31 0.00	159.18 1.26 0.00	129.13 1.02 0.00	126.76 0.63 0.00	98.61 0.20 0.00	75.60 -0.08 0.00	63.88 -0.06 0.00
DOGLEVILLE___HYD 23807	49.44 -0.30 0.00	42.85 -0.35 0.00	39.54 -0.36 0.00	35.80 -0.33 0.00	35.69 -0.29 0.00	38.90 -0.31 0.00	43.54 -0.31 0.00	46.93 -0.28 0.00	48.35 -0.29 0.00	50.48 -0.51 0.00	54.63 -0.61 0.00	63.11 -0.70 0.00	71.43 -0.79 0.00	95.51 -0.77 0.00	103.71 -0.73 0.00	110.42 -0.33 0.00	135.64 -0.27 0.00	164.12 0.16 0.00	158.23 0.32 0.00	128.49 0.38 0.00	125.88 -0.25 0.00	98.02 -0.39 0.00	75.07 -0.61 0.00	63.43 -0.51 0.00
DUNKIRK___115KV_TB_200 55889	50.38 0.65 0.00	43.80 0.60 0.00	40.02 0.12 0.00	35.65 -0.47 0.00	35.40 -0.58 0.00	38.67 -0.55 0.00	43.32 -0.53 0.00	46.37 -0.85 0.00	48.20 -0.44 0.00	52.36 1.38 0.00	57.61 2.38 0.00	68.27 4.47 0.00	77.06 4.84 0.00	103.31 7.03 0.00	110.71 6.27 0.00	118.72 7.97 0.00	144.61 8.70 0.00	169.04 5.08 0.00	166.92 9.00 0.00	140.79 12.68 0.00	137.10 10.97 0.00	105.10 6.69 0.00	79.53 3.86 0.00	67.01 3.07 0.00
DUNKIRK___1 23563	50.38 0.65 0.00	43.80 0.60 0.00	40.02 0.12 0.00	35.65 -0.47 0.00	35.40 -0.58 0.00	38.67 -0.55 0.00	43.32 -0.53 0.00	46.37 -0.85 0.00	48.20 -0.44 0.00	52.36 1.38 0.00	57.61 2.38 0.00	68.27 4.47 0.00	77.06 4.84 0.00	103.31 7.03 0.00	110.71 6.27 0.00	118.72 7.97 0.00	144.61 8.70 0.00	169.04 5.08 0.00	166.92 9.00 0.00	140.79 12.68 0.00	137.10 10.97 0.00	105.10 6.69 0.00	79.53 3.86 0.00	67.01 3.07 0.00
DUNKIRK___2 23564	50.38 0.65 0.00	43.80 0.60 0.00	40.02 0.12 0.00	35.65 -0.47 0.00	35.40 -0.58 0.00	38.67 -0.55 0.00	43.32 -0.53 0.00	46.37 -0.85 0.00	48.20 -0.44 0.00	52.36 1.38 0.00	57.61 2.38 0.00	68.27 4.47 0.00	77.06 4.84 0.00	103.31 7.03 0.00	110.71 6.27 0.00	118.72 7.97 0.00	144.61 8.70 0.00	169.04 5.08 0.00	166.92 9.00 0.00	140.79 12.68 0.00	137.10 10.97 0.00	105.10 6.69 0.00	79.53 3.86 0.00	67.01 3.07 0.00
DUNKIRK___3 23565	50.18 0.45 0.00	43.67 0.48 0.00	39.94 0.04 0.00	35.58 -0.54 0.00	35.37 -0.61 0.00	38.63 -0.59 0.00	43.23 -0.61 0.00	46.23 -0.99 0.00	47.96 -0.68 0.00	52.06 1.07 0.00	57.22 1.99 0.00	67.70 3.89 0.00	76.49 4.26 0.00	102.35 6.07 0.00	109.77 5.33 0.00	117.84 7.09 0.00	143.39 7.48 0.00	167.73 3.77 0.00	165.50 7.58 0.00	139.51 11.40 0.00	135.97 9.84 0.00	104.22 5.81 0.00	78.93 3.25 0.00	66.57 2.62 0.00
DUNKIRK___4 23566	50.18 0.45 0.00	43.67 0.48 0.00	39.94 0.04 0.00	35.58 -0.54 0.00	35.37 -0.61 0.00	38.63 -0.59 0.00	43.23 -0.61 0.00	46.23 -0.99 0.00	47.96 -0.68 0.00	52.06 1.07 0.00	57.22 1.99 0.00	67.70 3.89 0.00	76.49 4.26 0.00	102.35 6.07 0.00	109.77 5.33 0.00	117.84 7.09 0.00	143.39 7.48 0.00	167.73 3.77 0.00	165.50 7.58 0.00	139.51 11.40 0.00	135.97 9.84 0.00	104.22 5.81 0.00	78.93 3.25 0.00	66.57 2.62 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.03 1.29 0.00	44.36 1.17 0.00	41.06 1.16 0.00	37.17 1.05 0.00	37.06 1.08 0.00	40.43 1.22 0.00	45.33 1.49 0.00	48.82 1.61 0.00	50.68 2.04 0.00	53.08 2.09 0.00	57.33 2.10 0.00	65.91 2.11 0.00	74.32 2.09 0.00	99.56 3.27 0.00	108.41 3.97 0.00	116.62 5.87 0.00	145.15 9.24 0.00	184.56 12.30 -8.31	192.79 9.95 -24.93	162.03 7.43 -26.50	147.85 5.30 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.10 1.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.83 1.09 0.00	44.15 0.95 0.00	40.82 0.92 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.24 1.02 0.00	45.03 1.18 0.00	48.49 1.27 0.00	50.25 1.61 0.00	52.52 1.53 0.00	56.73 1.49 0.00	65.27 1.47 0.00	73.74 1.52 0.00	98.79 2.50 0.00	107.68 3.24 0.00	115.51 4.76 0.00	143.52 7.61 0.00	182.79 10.49 -8.34	191.63 8.69 -25.03	161.11 6.41 -26.60	147.16 4.54 -16.49	108.26 2.26 -7.59	76.66 0.98 0.00	64.90 0.96 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.50 1.37 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.38 2.40 0.00	57.50 2.26 0.00	65.72 1.91 0.00	74.17 1.95 0.00	99.17 2.89 0.00	107.68 3.24 0.00	116.40 5.65 0.00	145.98 10.06 -0.01	185.55 13.28 -8.32	193.59 10.74 -24.94	162.55 7.94 -26.50	147.22 4.67 -16.42	107.94 1.97 -7.56	76.35 0.68 0.00	64.78 0.83 0.00

E179THST_13_KV_LOAD 356214	51.48 1.74 -0.01	45.05 1.86 0.00	41.62 1.72 0.00	37.68 1.55 0.00	37.53 1.55 0.00	40.98 1.76 0.00	45.99 2.15 0.00	49.48 2.27 0.00	51.27 2.63 0.00	53.74 2.75 0.00	57.89 2.65 0.00	66.17 2.36 0.00	74.68 2.46 0.00	99.85 3.56 0.00	108.41 3.97 0.00	117.28 6.53 0.00	147.06 11.14 -0.01	186.87 14.59 -8.32	195.01 12.16 -24.94	163.58 8.97 -26.50	148.23 5.68 -16.42	108.72 2.76 -7.56	76.88 1.21 0.00	65.16 1.21 0.00
EAST HAMPTON___GT 23717	52.32 2.58 0.00	45.05 1.86 0.00	41.42 1.52 0.00	37.64 1.52 0.00	37.60 1.62 0.00	40.86 1.65 0.00	45.64 1.80 0.00	48.82 1.61 0.00	51.66 3.02 0.00	54.15 3.16 0.00	59.82 4.58 0.00	68.40 4.60 0.00	73.56 3.61 2.28	86.63 5.97 15.62	100.66 6.78 10.57	120.00 10.08 0.83	149.49 13.59 0.01	187.93 19.50 -4.47	193.23 14.52 -20.79	136.68 9.35 0.77	99.44 5.93 32.62	78.35 2.66 22.72	71.03 0.53 5.18	66.44 2.49 0.00
EAST RIVER___6 23660	51.28 1.54 0.00	44.62 1.42 0.00	41.26 1.36 0.00	37.31 1.19 0.00	37.16 1.19 0.00	40.55 1.33 0.00	45.55 1.71 0.00	49.11 1.89 0.00	51.07 2.43 0.00	53.49 2.50 0.00	57.72 2.49 0.00	66.23 2.42 0.00	74.75 2.53 0.00	100.33 4.04 0.00	109.15 4.70 0.00	117.51 6.76 0.00	146.52 10.61 0.00	186.19 13.93 -8.31	194.06 11.21 -24.93	162.92 8.32 -26.49	148.73 6.18 -16.42	108.72 2.75 -7.56	77.11 1.43 0.00	65.29 1.34 0.00
EAST RIVER___7 23524	51.28 1.54 0.00	44.62 1.42 0.00	41.26 1.36 0.00	37.31 1.19 0.00	37.16 1.19 0.00	40.55 1.33 0.00	45.55 1.71 0.00	49.11 1.89 0.00	51.07 2.43 0.00	53.49 2.50 0.00	57.72 2.49 0.00	66.23 2.42 0.00	74.75 2.53 0.00	100.33 4.04 0.00	109.15 4.70 0.00	117.51 6.76 0.00	146.52 10.61 0.00	186.19 13.93 -8.31	194.06 11.21 -24.93	162.92 8.32 -26.49	148.73 6.18 -16.42	108.72 2.75 -7.56	77.11 1.43 0.00	65.29 1.34 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.93 1.19 0.00	44.28 1.08 0.00	40.98 1.08 0.00	37.10 0.98 0.00	36.99 1.01 0.00	40.35 1.14 0.00	45.20 1.36 0.00	48.73 1.51 0.00	50.59 1.95 0.00	52.93 1.94 0.00	57.17 1.93 0.00	65.72 1.91 0.00	74.10 1.88 0.00	99.36 3.08 0.00	108.10 3.66 0.00	116.29 5.54 0.00	144.75 8.83 0.00	184.05 11.80 -8.29	192.27 9.47 -24.88	161.60 7.05 -26.45	147.57 5.05 -16.39	108.22 2.26 -7.54	76.58 0.91 0.00	64.97 1.02 0.00
EAST_HAMPTON___DIESEL 23722	52.32 2.58 0.00	45.05 1.86 0.00	41.42 1.52 0.00	37.64 1.52 0.00	37.60 1.62 0.00	40.82 1.61 0.00	45.64 1.80 0.00	48.82 1.61 0.00	51.66 3.02 0.00	54.15 3.16 0.00	59.82 4.58 0.00	68.34 4.53 0.00	73.56 3.61 2.28	86.53 5.87 15.62	100.57 6.69 10.57	119.89 9.97 0.83	149.36 13.46 0.01	187.77 19.34 -4.47	192.92 14.22 -20.79	136.56 9.23 0.77	99.19 5.68 32.62	78.15 2.46 22.72	70.88 0.38 5.18	66.37 2.43 0.00
EAST_POINT___SOLAR 323840	53.72 3.98 0.00	46.57 3.37 0.00	42.93 3.03 0.00	38.76 2.64 0.00	38.71 2.73 0.00	42.39 3.18 0.00	46.87 3.02 0.00	49.20 1.98 0.00	49.37 0.73 0.00	50.84 -0.15 0.00	54.74 -0.50 0.00	62.46 -1.34 0.00	70.78 -1.44 0.00	95.13 -1.15 0.00	104.13 -0.31 0.00	111.75 0.99 0.00	138.77 2.86 0.00	251.74 5.89 -81.89	413.05 9.47 -245.66	402.29 13.07 -261.12	302.36 14.37 -161.86	183.51 10.63 -74.46	82.86 7.19 0.00	69.57 5.63 0.00
EAST_PULASKI___ESR 323781	49.79 0.05 0.00	43.11 -0.09 0.00	39.70 -0.20 0.00	35.80 -0.33 0.00	35.62 -0.36 0.00	38.90 -0.32 0.00	43.63 -0.22 0.00	47.17 -0.05 0.00	48.49 -0.15 0.00	50.78 -0.20 0.00	54.91 -0.33 0.00	63.55 -0.25 0.00	71.94 -0.29 0.00	95.71 -0.57 0.00	103.82 -0.62 0.00	110.64 -0.11 0.00	135.78 -0.14 0.00	164.12 0.16 0.00	159.33 1.42 0.00	130.67 2.56 0.00	127.90 1.76 0.00	99.50 1.08 0.00	76.97 0.38 -0.92	65.58 0.13 -1.51
EAST_RIVER___1 323558	51.23 1.49 0.00	44.54 1.34 0.00	41.18 1.28 0.00	37.28 1.16 0.00	37.16 1.19 0.00	40.59 1.37 0.00	45.51 1.67 0.00	49.11 1.89 0.00	50.97 2.33 0.00	53.38 2.40 0.00	57.61 2.37 0.00	66.04 2.23 0.00	74.60 2.38 0.00	100.14 3.86 0.00	108.83 4.39 0.00	117.17 6.42 0.00	146.11 10.20 0.00	185.71 13.45 -8.31	193.73 10.89 -24.93	162.67 8.08 -26.49	148.36 5.81 -16.42	108.63 2.66 -7.56	76.88 1.21 0.00	65.10 1.15 0.00
EAST_RIVER___2 323559	51.28 1.54 0.00	44.62 1.42 0.00	41.26 1.36 0.00	37.31 1.19 0.00	37.16 1.19 0.00	40.55 1.33 0.00	45.55 1.71 0.00	49.11 1.89 0.00	51.07 2.43 0.00	53.49 2.50 0.00	57.72 2.49 0.00	66.23 2.42 0.00	74.75 2.53 0.00	100.33 4.04 0.00	109.15 4.70 0.00	117.51 6.76 0.00	146.52 10.61 0.00	186.19 13.93 -8.31	194.06 11.21 -24.93	162.92 8.32 -26.49	148.73 6.18 -16.42	108.72 2.75 -7.56	77.11 1.43 0.00	65.29 1.34 0.00
EAST___DELAWARE_HYD 23607	50.83 1.09 0.00	44.06 0.86 0.00	40.74 0.84 0.00	36.85 0.72 0.00	36.74 0.76 0.00	40.08 0.86 0.00	44.89 1.05 0.00	48.40 1.18 0.00	50.05 1.41 0.00	52.26 1.28 0.00	56.51 1.27 0.00	65.02 1.21 0.00	73.59 1.37 0.00	98.57 2.41 0.12	107.22 3.13 0.36	114.85 4.65 0.55	142.79 7.47 0.60	180.37 10.50 -5.91	189.05 9.16 -21.97	159.33 6.91 -24.31	145.95 5.05 -14.77	108.14 2.66 -7.07	76.88 1.21 0.00	64.97 1.02 0.00
EIGHT_POINT___WT_PWR 323820	50.48 0.75 0.00	43.93 0.73 0.00	40.22 0.32 0.00	35.98 -0.14 0.00	35.84 -0.14 0.00	39.22 0.00 0.00	44.06 0.22 0.00	47.12 -0.09 0.00	48.35 -0.29 0.00	51.60 0.61 0.00	56.51 1.27 0.00	66.61 2.80 0.00	74.97 2.74 0.00	100.23 3.95 0.00	108.10 3.65 0.00	115.85 5.10 0.00	141.62 5.71 0.00	170.02 3.93 -2.13	172.20 7.89 -6.39	145.92 11.02 -6.80	140.06 9.71 -4.21	105.76 5.41 -1.94	78.85 3.18 0.00	66.44 2.49 0.00
ELBRIDGE_115KV_TB2 80188	49.34 -0.40 0.00	42.85 -0.35 0.00	39.46 -0.44 0.00	35.62 -0.51 0.00	35.44 -0.54 0.00	38.67 -0.55 0.00	43.32 -0.53 0.00	46.65 -0.57 0.00	48.01 -0.63 0.00	50.53 -0.46 0.00	54.90 -0.33 0.00	63.62 -0.19 0.00	72.01 -0.22 0.00	96.38 0.10 0.00	104.55 0.10 0.00	111.42 0.66 0.00	136.86 0.95 0.00	164.61 0.66 0.00	159.65 1.74 0.00	130.54 2.43 0.00	127.77 1.64 0.00	99.00 0.59 0.00	75.37 -0.30 0.00	63.56 -0.38 0.00
ELEC_TRO_TEK 24086	51.08 1.34 0.00	44.19 0.99 0.00	40.74 0.84 0.00	36.92 0.79 0.00	36.84 0.86 0.00	40.20 0.98 0.00	44.98 1.14 0.00	48.16 0.94 0.00	50.59 1.95 0.00	52.87 1.89 0.00	57.89 2.65 0.00	66.68 2.87 0.00	72.99 1.30 0.54	94.84 2.21 3.66	104.79 2.82 2.48	115.62 4.87 0.01	143.92 8.02 0.01	183.91 11.64 -8.31	191.37 8.53 -24.93	154.91 6.02 -20.79	134.99 3.91 -4.95	100.26 1.38 -0.47	74.53 0.08 1.22	65.29 1.34 0.00
ELLENBURG_WT_PWR 323604	49.79 0.05 0.00	43.46 0.26 0.00	40.10 0.20 0.00	36.41 0.29 0.00	36.27 0.29 0.00	39.57 0.35 0.00	44.24 0.39 0.00	47.55 0.33 0.00	48.93 0.29 0.00	51.39 0.41 0.00	55.79 0.55 0.00	64.26 0.45 0.00	72.95 0.72 0.00	96.19 -0.10 0.00	103.92 -0.52 0.00	108.87 -1.88 0.00	132.52 -3.39 0.00	159.86 -4.09 0.00	154.13 -3.79 0.00	124.52 -3.59 0.00	123.99 -2.14 0.00	97.73 -0.68 0.00	76.35 0.68 0.00	64.45 0.51 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.98 0.25 0.00	43.63 0.43 0.00	39.90 0.00 0.00	35.51 -0.61 0.00	35.30 -0.68 0.00	38.47 -0.75 0.00	42.97 -0.88 0.00	45.90 -1.32 0.00	47.62 -1.02 0.00	51.70 0.71 0.00	56.84 1.60 0.00	67.32 3.51 0.00	75.91 3.68 0.00	101.48 5.20 0.00	108.73 4.28 0.00	116.73 5.98 0.00	141.89 5.98 0.00	165.43 1.48 0.00	163.29 5.37 0.00	137.84 9.74 0.00	134.45 8.32 0.00	103.04 4.63 0.00	78.09 2.42 0.00	65.93 1.98 0.00
EMPIRE_CC_1 323656	50.33 0.60 0.00	43.76 0.56 0.00	40.54 0.64 0.00	36.88 0.76 0.00	36.70 0.72 0.00	39.96 0.74 0.00	44.59 0.74 0.00	47.93 0.71 0.00	49.37 0.73 0.00	51.35 0.36 0.00	55.29 0.06 0.00	63.62 -0.19 0.00	71.87 -0.36 0.00	96.28 0.00 0.00	105.07 0.63 0.00	112.63 1.88 0.00	139.58 3.67 0.00	191.93 5.25 -22.73	230.21 4.10 -68.19	203.54 2.95 -72.48	172.83 1.76 -44.93	119.78 0.69 -20.67	75.90 0.23 0.00	64.20 0.26 0.00
EMPIRE_CC_2 323658	50.33 0.60 0.00	43.76 0.56 0.00	40.54 0.64 0.00	36.88 0.76 0.00	36.70 0.72 0.00	39.96 0.74 0.00	44.59 0.74 0.00	47.93 0.71 0.00	49.37 0.73 0.00	51.35 0.36 0.00	55.29 0.06 0.00	63.62 -0.19 0.00	71.87 -0.36 0.00	96.28 0.00 0.00	105.07 0.63 0.00	112.63 1.88 0.00	139.58 3.67 0.00	191.93 5.25 -22.73	230.21 4.10 -68.19	203.54 2.95 -72.48	172.83 1.76 -44.93	119.78 0.69 -20.67	75.90 0.23 0.00	64.20 0.26 0.00
ENORWICH_115KV_TB1 80156	53.27 3.53 0.00	45.96 2.76 0.00	42.29 2.39 0.00	38.08 1.95 0.00	37.89 1.91 0.00	41.53 2.31 0.00	46.69 2.85 0.00	50.43 3.21 0.00	51.56 2.92 0.00	53.64 2.65 0.00	58.16 2.93 0.00	67.64 3.83 0.00	76.63 4.41 0.00	103.02 6.74 0.00	111.96 7.52 0.00	119.94 9.19 0.00	147.87 11.96 0.00	185.27 15.90 -5.41	192.31 18.16 -16.23	162.65 17.29 -17.25	152.09 15.26 -10.69	113.67 10.33 -4.92	81.88 6.21 0.00	68.93 4.99 0.00
ERIE_ST__34_KV_TB1-2 80199	50.28 0.55 0.00	43.80 0.60 0.00	40.10 0.20 0.00	35.65 -0.47 0.00	35.40 -0.58 0.00	38.75 -0.47 0.00	43.36 -0.48 0.00	46.32 -0.90 0.00	48.10 -0.54 0.00	52.21 1.22 0.00	57.33 2.10 0.00	68.02 4.21 0.00	76.78 4.55 0.00	103.02 6.74 0.00	110.40 5.95 0.00	118.61 7.86 0.00	144.34 8.43 0.00	168.71 4.75 0.00	166.60 8.69 0.00	140.27 12.17 0.00	136.47 10.34 0.00	104.51 6.10 0.00	79.00 3.33 0.00	66.63 2.69 0.00
ERIE_WT_PWR 323693	50.33 0.60 0.00	43.80 0.60 0.00	40.02 0.12 0.00	35.69 -0.43 0.00	35.48 -0.50 0.00	38.67 -0.55 0.00	43.23 -0.61 0.00	46.32 -0.90 0.00	48.06 -0.58 0.00	52.16 1.17 0.00	57.28 2.04 0.00	68.21 4.40 0.00	76.34 4.11 0.00	102.25 5.97 0.00	109.46 5.01 0.00	117.62 6.87 0.00	143.11 7.20 0.00	166.91 2.95 0.00	164.86 6.94 0.00	139.12 11.02 0.00	135.46 9.33 0.00	103.62 5.21 0.00	78.70 3.03 0.00	66.63 2.69 0.00
ESPRGFLD_115KV_TB1 80157	52.47 2.74 0.00	45.49 2.29 0.00	41.97 2.07 0.00	37.89 1.77 0.00	37.81 1.83 0.00	41.29 2.08 0.00	46.17 2.32 0.00	49.44 2.22 0.00	50.54 1.90 0.00	52.57 1.58 0.00	56.84 1.60 0.00	65.66 1.85 0.00	74.32 2.09 0.00	99.65 3.37 0.00	108.52 4.07 0.00	115.96 5.21 0.00	143.25 7.34 0.00	232.85 10.17 -58.73	345.95 11.84 -176.19	326.91 11.53 -187.27	253.06 10.85 -116.09	159.49 7.68 -53.40	80.59 4.92 0.00	67.85 3.90 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	50.63 0.90 0.00	43.93 0.73 0.00	40.42 0.52 0.00	36.45 0.33 0.00	36.30 0.32 0.00	39.65 0.43 0.00	44.46 0.61 0.00	47.83 0.61 0.00	49.13 0.49 0.00	51.60 0.61 0.00	56.01 0.77 0.00	64.96 1.15 0.00	73.52 1.30 0.00	98.50 2.21 0.00	106.95 2.51 0.00	114.07 3.32 0.00	140.40 4.49 0.00	172.07 5.57 -2.54	172.64 7.11 -7.62	143.76 7.56 -8.10	137.58 6.43 -5.02	104.66 3.94 -2.31	77.79 2.12 0.00	65.54 1.60 0.00
ETNA____115KV_TB2 80207	50.63 0.90 0.00	43.93 0.73 0.00	40.42 0.52 0.00	36.45 0.33 0.00	36.30 0.32 0.00	39.65 0.43 0.00	44.46 0.61 0.00	47.83 0.61 0.00	49.13 0.49 0.00	51.60 0.61 0.00	56.01 0.77 0.00	64.96 1.15 0.00	73.52 1.30 0.00	98.50 2.21 0.00	106.95 2.51 0.00	114.07 3.32 0.00	140.40 4.49 0.00	172.07 5.57 -2.54	172.64 7.11 -7.62	143.76 7.56 -8.10	137.58 6.43 -5.02	104.66 3.94 -2.31	77.79 2.12 0.00	65.54 1.60 0.00
EUCLID____115KV_TB2 356179	48.99 -0.75 0.00	42.50 -0.69 0.00	39.18 -0.72 0.00	35.37 -0.76 0.00	35.22 -0.76 0.00	38.39 -0.82 0.00	43.01 -0.83 0.00	46.32 -0.90 0.00	47.72 -0.92 0.00	50.22 -0.76 0.00	54.57 -0.66 0.00	63.23 -0.57 0.00	71.57 -0.65 0.00	95.80 -0.48 0.00	103.92 -0.52 0.00	110.75 0.00 0.00	136.05 0.14 0.00	163.79 -0.16 0.00	158.39 0.47 0.00	129.51 1.41 0.00	126.76 0.63 0.00	98.22 -0.20 0.00	74.92 -0.76 0.00	63.18 -0.77 0.00
E_CANADA_CAP_HY 24051	53.42 3.68 0.00	46.31 3.11 0.00	42.73 2.83 0.00	38.58 2.46 0.00	38.50 2.52 0.00	42.12 2.90 0.00	46.91 3.07 0.00	49.96 2.74 0.00	50.59 1.95 0.00	52.26 1.28 0.00	56.28 1.05 0.00	64.77 0.96 0.00	73.31 1.08 0.00	98.40 2.12 0.00	107.47 3.03 0.00	115.19 4.43 0.00	142.98 7.06 0.00	250.90 10.82 -76.12	399.55 13.27 -228.37	384.29 13.45 -242.74	289.96 13.36 -150.47	177.38 9.74 -69.22	82.18 6.51 0.00	69.12 5.18 0.00
E_CANADA_MHWK_HY 24050	49.44 -0.30 0.00	42.85 -0.35 0.00	39.54 -0.36 0.00	35.80 -0.33 0.00	35.69 -0.29 0.00	38.90 -0.32 0.00	43.54 -0.30 0.00	46.98 -0.23 0.00	48.35 -0.29 0.00	50.48 -0.51 0.00	54.63 -0.61 0.00	63.11 -0.70 0.00	71.43 -0.79 0.00	95.51 -0.77 0.00	103.72 -0.73 0.00	110.42 -0.33 0.00	135.64 -0.27 0.00	164.12 0.16 0.00	158.23 0.32 0.00	128.49 0.39 0.00	125.88 -0.25 0.00	98.12 -0.29 0.00	75.06 -0.61 0.00	63.43 -0.51 0.00
E_FISHKILL__LBMP 23776	50.68 0.94 0.00	44.06 0.86 0.00	40.74 0.84 0.00	36.92 0.79 0.00	36.81 0.83 0.00	40.16 0.94 0.00	44.94 1.10 0.00	48.40 1.18 0.00	50.20 1.56 0.00	52.42 1.43 0.00	56.62 1.38 0.00	65.08 1.28 0.00	73.45 1.23 0.00	98.30 2.02 0.00	107.05 2.61 0.00	115.07 4.32 0.00	142.98 7.07 0.00	182.08 9.67 -8.45	191.01 7.74 -25.36	160.69 5.64 -26.95	146.62 3.78 -16.71	107.77 1.67 -7.69	76.28 0.61 0.00	64.65 0.70 0.00
FALCON__SEABRD_CC1 323796	49.74 0.00 0.00	43.58 0.39 0.00	40.26 0.36 0.00	36.56 0.44 0.00	36.41 0.43 0.00	39.72 0.51 0.00	44.46 0.61 0.00	47.55 0.33 0.00	48.88 0.24 0.00	51.35 0.36 0.00	55.73 0.50 0.00	64.19 0.39 0.00	72.95 0.72 0.00	95.99 -0.29 0.00	103.72 -0.73 0.00	108.64 -2.11 0.00	132.38 -3.53 0.00	159.69 -4.26 0.00	153.97 -3.94 0.00	124.52 -3.59 0.00	123.99 -2.14 0.00	97.62 -0.79 0.00	76.43 0.76 0.00	64.45 0.51 0.00
FALCON__SEABRD_CC2 323797	49.74 0.00 0.00	43.58 0.39 0.00	40.26 0.36 0.00	36.56 0.44 0.00	36.41 0.43 0.00	39.72 0.51 0.00	44.46 0.61 0.00	47.55 0.33 0.00	48.88 0.24 0.00	51.35 0.36 0.00	55.73 0.50 0.00	64.19 0.39 0.00	72.95 0.72 0.00	95.99 -0.29 0.00	103.72 -0.73 0.00	108.64 -2.11 0.00	132.38 -3.53 0.00	159.69 -4.26 0.00	153.97 -3.94 0.00	124.52 -3.59 0.00	123.99 -2.14 0.00	97.62 -0.79 0.00	76.43 0.76 0.00	64.45 0.51 0.00

FAR ROCKAWAY___4 23548	51.97 2.24 0.00	44.88 1.68 0.00	41.30 1.40 0.00	37.42 1.30 0.00	37.35 1.37 0.00	40.75 1.53 0.00	45.55 1.71 0.00	48.82 1.61 0.00	51.32 2.68 0.00	53.69 2.70 0.00	58.94 3.70 0.00	68.02 4.21 0.00	74.80 2.82 0.24	99.09 4.43 1.62	108.57 5.22 1.10	119.30 7.53 -1.02	147.32 11.42 0.01	192.16 15.08 -13.12	199.71 11.69 -30.11	164.39 8.71 -27.57	144.42 6.94 -11.35	106.38 3.54 -4.42	76.80 1.66 0.54	66.63 2.69 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.18 1.44 0.00	44.53 1.34 0.00	41.18 1.28 0.00	37.24 1.12 0.00	37.17 1.19 0.00	40.59 1.37 0.00	45.55 1.71 0.00	49.11 1.89 0.00	51.02 2.38 0.00	53.38 2.40 0.00	57.67 2.43 0.00	66.17 2.36 0.00	74.61 2.38 0.00	99.94 3.66 0.00	108.83 4.39 0.00	117.17 6.42 0.00	146.11 10.19 0.00	185.71 13.44 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	148.36 5.80 -16.42	108.62 2.66 -7.56	76.81 1.14 0.00	65.16 1.21 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.23 1.49 0.00	44.58 1.38 0.00	41.22 1.32 0.00	37.28 1.16 0.00	37.17 1.19 0.00	40.59 1.37 0.00	45.55 1.71 0.00	49.11 1.89 0.00	51.02 2.38 0.00	53.38 2.40 0.00	57.67 2.43 0.00	66.17 2.36 0.00	74.61 2.38 0.00	99.94 3.66 0.00	108.83 4.39 0.00	117.17 6.42 0.00	146.11 10.19 0.00	185.71 13.44 -8.31	193.74 10.90 -24.93	162.80 8.20 -26.50	148.36 5.80 -16.42	108.62 2.66 -7.56	76.88 1.21 0.00	65.16 1.21 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.18 1.44 0.00	44.53 1.34 0.00	41.18 1.28 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.51 1.67 0.00	49.06 1.84 0.00	51.02 2.38 0.00	53.38 2.40 0.00	57.61 2.38 0.00	66.10 2.30 0.00	74.61 2.38 0.00	99.94 3.66 0.00	108.73 4.28 0.00	117.06 6.31 0.00	145.97 10.06 0.00	185.55 13.28 -8.31	193.58 10.74 -24.93	162.54 7.94 -26.50	148.23 5.68 -16.42	108.53 2.56 -7.56	76.81 1.14 0.00	65.10 1.15 0.00
FARRAGUT___LBMP 323566	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.21 1.08 0.00	37.09 1.12 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.97 2.33 0.00	53.33 2.35 0.00	57.55 2.32 0.00	66.04 2.23 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.62 4.18 0.00	116.95 6.20 0.00	145.70 9.79 0.00	185.38 13.12 -8.31	193.42 10.58 -24.93	162.41 7.81 -26.50	148.10 5.55 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
FENNER___WINDPWR 24204	50.73 0.99 0.00	43.93 0.73 0.00	40.46 0.56 0.00	36.52 0.40 0.00	36.38 0.40 0.00	39.72 0.51 0.00	44.54 0.70 0.00	48.02 0.80 0.00	49.42 0.78 0.00	51.75 0.77 0.00	56.12 0.88 0.00	64.63 0.83 0.00	73.16 0.94 0.00	97.82 1.54 0.00	106.22 1.77 0.00	113.18 2.43 0.00	139.31 3.40 0.00	168.38 4.43 0.00	163.12 5.20 0.00	133.36 5.25 0.00	130.42 4.29 0.00	101.16 2.75 0.00	77.57 1.36 -0.54	66.35 1.53 -0.88
FIBERTEK___ENERGY 23856	49.54 -0.20 0.00	43.02 -0.17 0.00	39.62 -0.28 0.00	35.73 -0.40 0.00	35.58 -0.40 0.00	38.82 -0.39 0.00	43.54 -0.31 0.00	46.89 -0.33 0.00	48.25 -0.39 0.00	50.78 -0.20 0.00	55.18 -0.06 0.00	63.68 -0.13 0.00	72.01 -0.22 0.00	96.38 0.10 0.00	104.65 0.21 0.00	111.53 0.78 0.00	137.00 1.09 0.00	165.10 1.15 0.00	159.81 1.89 0.00	130.67 2.56 0.00	127.77 1.64 0.00	99.00 0.59 0.00	75.37 -0.30 0.00	63.56 -0.38 0.00
FITZPATRICK___ 23598	48.29 -1.44 0.00	41.90 -1.29 0.00	38.66 -1.24 0.00	34.93 -1.19 0.00	34.76 -1.22 0.00	37.92 -1.29 0.00	42.40 -1.45 0.00	45.71 -1.51 0.00	47.08 -1.56 0.00	49.51 -1.48 0.00	53.69 -1.55 0.00	62.28 -1.53 0.00	70.42 -1.80 0.00	94.07 -2.21 0.00	102.05 -2.40 0.00	108.64 -2.11 0.00	133.33 -2.59 0.00	160.51 -3.45 0.00	155.23 -2.69 0.00	126.57 -1.53 0.00	124.11 -2.02 0.00	96.34 -2.07 0.00	73.70 -1.97 0.00	62.22 -1.72 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.33 1.59 0.00	44.58 1.38 0.00	41.22 1.32 0.00	37.28 1.16 0.00	37.17 1.19 0.00	40.59 1.37 0.00	45.47 1.62 0.00	48.96 1.75 0.00	50.73 2.09 0.00	52.98 1.99 0.00	57.22 1.99 0.00	65.85 2.04 0.00	74.46 2.24 0.00	99.85 3.56 0.00	108.93 4.49 0.00	116.95 6.20 0.00	145.43 9.51 0.00	185.35 12.79 -8.61	194.48 10.74 -25.83	163.50 7.94 -27.45	149.20 6.05 -17.02	109.59 3.35 -7.83	77.41 1.74 0.00	65.54 1.60 0.00
FORT ORANGE___ 23900	50.93 1.19 0.00	44.23 1.03 0.00	40.90 1.00 0.00	37.10 0.98 0.00	36.95 0.97 0.00	40.28 1.06 0.00	44.94 1.10 0.00	48.35 1.13 0.00	49.37 0.73 0.00	51.39 0.41 0.00	55.40 0.17 0.00	63.81 0.00 0.00	72.08 -0.14 0.00	96.32 0.29 0.25	104.54 0.83 0.73	111.61 2.00 1.14	138.48 3.80 1.23	207.32 5.58 -37.79	284.48 4.42 -122.14	263.10 3.20 -131.79	209.47 2.27 -81.07	137.55 1.28 -37.87	76.27 0.60 0.00	64.72 0.77 0.00
FORT_DRUM_COGEN 23780	52.42 2.69 0.00	45.10 1.90 0.00	41.42 1.52 0.00	37.35 1.23 0.00	37.09 1.12 0.00	40.59 1.37 0.00	45.69 1.84 0.00	48.59 1.37 0.00	50.34 1.70 0.00	52.47 1.48 0.00	56.84 1.60 0.00	65.79 1.98 0.00	74.54 2.31 0.00	99.27 2.98 0.00	105.49 1.04 0.00	111.53 0.78 0.00	135.64 -0.27 0.00	164.61 0.66 0.00	159.02 1.11 0.00	130.28 2.18 0.00	127.52 1.39 0.00	99.30 0.89 0.00	83.39 2.35 -5.37	74.70 1.98 -8.77
FOX_HILLS___ESR 323835	50.83 1.09 0.00	44.84 1.64 0.00	41.50 1.60 0.00	37.50 1.37 0.00	37.38 1.40 0.00	40.82 1.61 0.00	45.69 1.84 0.00	49.15 1.94 0.00	50.83 2.19 0.00	51.03 2.04 1.99	51.27 1.93 5.90	52.99 1.66 12.48	53.95 1.59 19.86	72.88 2.41 25.81	86.85 2.92 20.52	89.69 5.21 26.26	111.37 9.51 34.06	126.67 12.62 49.91	143.59 10.11 24.43	124.54 7.30 10.87	109.41 4.16 20.88	61.33 1.48 38.56	60.35 0.38 15.70	53.42 0.58 11.10
FPL_FAR_ROCK_GT1 24212	51.87 2.14 0.00	44.88 1.68 0.00	41.30 1.40 0.00	37.42 1.30 0.00	37.35 1.37 0.00	40.71 1.49 0.00	45.55 1.71 0.00	48.82 1.61 0.00	51.26 2.62 0.00	53.59 2.60 0.00	58.77 3.54 0.00	67.19 3.38 0.00	74.73 2.74 0.24	99.19 4.53 1.62	108.57 5.22 1.10	119.31 7.53 -1.02	147.32 11.42 0.01	192.15 15.07 -13.12	199.71 11.69 -30.11	164.39 8.72 -27.57	144.29 6.81 -11.35	106.37 3.54 -4.42	76.79 1.66 0.54	66.37 2.43 0.00
FPL_FAR_ROCK_GT2 23815	51.87 2.14 0.00	44.88 1.68 0.00	41.30 1.40 0.00	37.42 1.30 0.00	37.35 1.37 0.00	40.71 1.49 0.00	45.55 1.71 0.00	48.82 1.61 0.00	51.26 2.62 0.00	53.59 2.60 0.00	58.77 3.54 0.00	67.19 3.38 0.00	74.73 2.74 0.24	99.19 4.53 1.62	108.57 5.22 1.10	119.31 7.53 -1.02	147.32 11.42 0.01	192.15 15.07 -13.12	199.71 11.69 -30.11	164.39 8.72 -27.57	144.29 6.81 -11.35	106.37 3.54 -4.42	76.79 1.66 0.54	66.37 2.43 0.00
FRANKLIN_FALL_HYD 24054	50.78 1.04 0.00	44.23 1.04 0.00	40.82 0.92 0.00	37.06 0.94 0.00	36.88 0.90 0.00	40.24 1.02 0.00	45.07 1.23 0.00	48.63 1.42 0.00	49.81 1.17 0.00	52.36 1.38 0.00	56.78 1.55 0.00	65.40 1.60 0.00	74.25 2.02 0.00	97.53 1.25 0.00	105.07 0.63 0.00	109.86 -0.89 0.00	133.60 -2.31 0.00	161.50 -2.46 0.00	155.86 -2.05 0.00	126.31 -1.79 0.00	125.75 -0.38 0.00	99.20 0.79 0.00	82.52 2.50 -4.35	73.03 1.98 -7.10

FREEPORT_EQUS_GT1 23764	51.28 1.54 0.00	44.40 1.21 0.00	40.90 1.00 0.00	37.06 0.94 0.00	36.98 1.01 0.00	40.31 1.10 0.00	45.12 1.27 0.00	48.30 1.09 0.00	50.73 2.09 0.00	53.03 2.04 0.00	58.11 2.87 0.00	66.04 2.23 0.00	72.27 1.30 1.26	89.77 2.12 8.63	101.32 2.71 5.84	115.61 4.87 0.01	144.06 8.15 0.01	184.23 11.96 -8.31	191.52 8.68 -24.93	147.16 6.02 -13.03	118.04 3.66 11.75	90.83 1.57 9.16	73.27 0.46 2.86	65.54 1.60 0.00
FREEPORT___CT2 23818	51.28 1.54 0.00	44.40 1.21 0.00	40.90 1.00 0.00	37.06 0.94 0.00	36.98 1.01 0.00	40.31 1.10 0.00	45.12 1.27 0.00	48.30 1.09 0.00	50.73 2.09 0.00	53.03 2.04 0.00	58.11 2.87 0.00	66.04 2.23 0.00	72.27 1.30 1.26	89.77 2.12 8.63	101.32 2.71 5.84	115.61 4.87 0.01	144.06 8.15 0.01	184.23 11.96 -8.31	191.52 8.68 -24.93	147.16 6.02 -13.03	118.04 3.66 11.75	90.83 1.57 9.16	73.27 0.46 2.86	65.54 1.60 0.00
FRESHKLS_33_KV_LOAD 356253	50.78 1.04 0.00	44.92 1.73 0.00	41.62 1.72 0.00	37.61 1.48 0.00	37.45 1.48 0.00	40.94 1.73 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.83 2.19 0.00	50.98 1.99 1.99	51.16 1.82 5.90	52.86 1.53 12.48	53.88 1.52 19.86	72.78 2.31 25.81	86.74 2.82 20.52	89.69 5.21 26.26	111.23 9.38 34.06	126.67 12.62 49.91	143.59 10.11 24.43	124.54 7.30 10.87	109.41 4.16 20.88	61.23 1.38 38.56	60.20 0.23 15.70	53.29 0.45 11.10
FULTON COGEN____ 23766	48.99 -0.75 0.00	42.50 -0.69 0.00	39.18 -0.72 0.00	35.37 -0.76 0.00	35.22 -0.76 0.00	38.43 -0.78 0.00	43.06 -0.79 0.00	46.42 -0.80 0.00	47.76 -0.88 0.00	50.22 -0.76 0.00	54.46 -0.77 0.00	63.11 -0.70 0.00	71.43 -0.79 0.00	95.61 -0.67 0.00	103.71 -0.73 0.00	110.53 -0.22 0.00	135.78 -0.14 0.00	163.63 -0.33 0.00	158.39 0.47 0.00	129.39 1.28 0.00	126.76 0.63 0.00	98.22 -0.20 0.00	74.84 -0.83 0.00	63.11 -0.83 0.00
FULTON___LFGE 323630	53.16 3.43 0.00	46.13 2.94 0.00	42.57 2.67 0.00	38.44 2.31 0.00	38.35 2.37 0.00	41.96 2.74 0.00	46.74 2.89 0.00	49.81 2.60 0.00	50.29 1.65 0.00	51.70 0.71 0.00	55.51 0.28 0.00	63.74 -0.06 0.00	72.08 -0.14 0.00	96.86 0.58 0.00	105.91 1.46 0.00	113.74 2.99 0.00	141.75 5.84 0.00	257.30 10.00 -83.34	420.57 12.64 -250.01	406.53 12.69 -265.74	303.35 12.49 -164.73	183.35 9.15 -75.78	81.80 6.13 0.00	68.80 4.86 0.00
G.F.CEMENT___DRP 24184	52.12 2.39 0.00	45.23 2.03 0.00	41.82 1.92 0.00	37.79 1.66 0.00	37.67 1.69 0.00	41.18 1.96 0.00	45.90 2.06 0.00	49.44 2.22 0.00	50.49 1.85 0.00	52.21 1.22 0.00	55.90 0.66 0.00	64.57 0.77 0.00	73.02 0.79 0.00	98.02 1.73 0.00	107.26 2.82 0.00	115.29 4.54 0.00	143.39 7.48 0.00	258.86 10.49 -84.41	422.67 11.53 -253.22	406.87 9.61 -269.15	302.18 9.21 -166.84	181.86 6.69 -76.75	80.06 4.39 0.00	67.33 3.39 0.00
GARDENVILLE___LBMP 24039	50.08 0.35 0.00	43.67 0.48 0.00	39.94 0.04 0.00	35.55 -0.58 0.00	35.33 -0.65 0.00	38.55 -0.67 0.00	43.06 -0.79 0.00	45.99 -1.23 0.00	47.72 -0.92 0.00	51.80 0.82 0.00	56.89 1.66 0.00	67.38 3.57 0.00	76.05 3.83 0.00	101.77 5.49 0.00	109.04 4.60 0.00	116.95 6.20 0.00	142.30 6.39 0.00	166.09 2.13 0.00	163.92 6.00 0.00	138.35 10.25 0.00	134.96 8.83 0.00	103.43 5.02 0.00	78.32 2.65 0.00	66.12 2.17 0.00
GARDNVLA_35_KV_LD 355827	50.33 0.60 0.00	43.89 0.69 0.00	40.14 0.24 0.00	35.73 -0.40 0.00	35.48 -0.50 0.00	38.71 -0.51 0.00	43.27 -0.57 0.00	46.27 -0.94 0.00	48.01 -0.63 0.00	52.16 1.17 0.00	57.28 2.04 0.00	67.89 4.08 0.00	76.63 4.41 0.00	102.54 6.26 0.00	109.87 5.43 0.00	117.95 7.20 0.00	143.52 7.61 0.00	167.40 3.44 0.00	165.34 7.42 0.00	139.51 11.40 0.00	135.97 9.84 0.00	104.12 5.71 0.00	78.85 3.18 0.00	66.57 2.62 0.00
GELCKHM___115KV_LOAD 80723	49.19 -0.55 0.00	42.68 -0.52 0.00	39.34 -0.56 0.00	35.51 -0.61 0.00	35.37 -0.61 0.00	38.55 -0.67 0.00	43.19 -0.66 0.00	46.56 -0.66 0.00	47.96 -0.68 0.00	50.48 -0.51 0.00	54.79 -0.44 0.00	63.42 -0.38 0.00	71.79 -0.43 0.00	95.99 -0.29 0.00	104.23 -0.21 0.00	111.08 0.33 0.00	136.32 0.41 0.00	164.28 0.33 0.00	159.02 1.11 0.00	129.90 1.79 0.00	127.14 1.01 0.00	98.51 0.10 0.00	75.07 -0.61 0.00	63.31 -0.64 0.00
GENERAL___MILLS 23808	50.23 0.50 0.00	43.76 0.56 0.00	40.06 0.16 0.00	35.65 -0.47 0.00	35.40 -0.58 0.00	38.63 -0.59 0.00	43.19 -0.66 0.00	46.13 -1.09 0.00	47.86 -0.78 0.00	51.96 0.97 0.00	57.11 1.88 0.00	67.64 3.83 0.00	76.34 4.12 0.00	102.16 5.87 0.00	109.46 5.01 0.00	117.51 6.76 0.00	142.98 7.07 0.00	166.74 2.79 0.00	164.71 6.79 0.00	138.99 10.89 0.00	135.46 9.33 0.00	103.82 5.41 0.00	78.62 2.95 0.00	66.38 2.43 0.00
GE_PLASTICS___DRP 24183	50.08 0.35 0.00	43.50 0.30 0.00	40.26 0.36 0.00	36.52 0.40 0.00	36.41 0.43 0.00	39.65 0.43 0.00	44.24 0.39 0.00	47.64 0.42 0.00	49.03 0.39 0.00	51.14 0.15 0.00	55.12 -0.11 0.00	63.55 -0.26 0.00	71.86 -0.36 0.00	91.65 -0.19 4.44	91.65 0.21 13.00	91.65 1.11 20.21	116.46 2.31 21.76	93.16 3.44 74.23	93.18 2.53 67.27	93.17 1.79 36.73	93.16 0.88 33.85	93.17 0.20 5.44	75.52 -0.15 0.00	64.07 0.13 0.00
GILBOA___1 23756	50.23 0.50 0.00	43.63 0.43 0.00	40.46 0.56 0.00	36.81 0.68 0.00	36.66 0.68 0.00	39.81 0.59 0.00	44.37 0.53 0.00	47.79 0.57 0.00	49.27 0.63 0.00	51.50 0.51 0.00	55.67 0.44 0.00	64.19 0.39 0.00	72.51 0.29 0.00	97.15 0.86 0.00	105.59 1.15 0.00	112.41 1.66 0.00	138.36 2.45 0.00	172.52 3.28 -5.29	176.63 2.85 -15.87	147.15 2.18 -16.87	138.11 1.52 -10.46	104.31 1.08 -4.81	76.05 0.38 0.00	64.33 0.39 0.00
GILBOA___2 23757	50.23 0.50 0.00	43.63 0.43 0.00	40.46 0.56 0.00	36.81 0.68 0.00	36.66 0.68 0.00	39.81 0.59 0.00	44.37 0.53 0.00	47.79 0.57 0.00	49.27 0.63 0.00	51.50 0.51 0.00	55.67 0.44 0.00	64.19 0.39 0.00	72.51 0.29 0.00	97.15 0.86 0.00	105.59 1.15 0.00	112.41 1.66 0.00	138.36 2.45 0.00	172.52 3.28 -5.29	176.63 2.85 -15.87	147.15 2.18 -16.87	138.11 1.52 -10.46	104.31 1.08 -4.81	76.05 0.38 0.00	64.33 0.39 0.00
GILBOA___3 23758	50.23 0.50 0.00	43.63 0.43 0.00	40.46 0.56 0.00	36.81 0.68 0.00	36.66 0.68 0.00	39.81 0.59 0.00	44.37 0.53 0.00	47.79 0.57 0.00	49.27 0.63 0.00	51.50 0.51 0.00	55.67 0.44 0.00	64.19 0.39 0.00	72.51 0.29 0.00	97.15 0.86 0.00	105.59 1.15 0.00	112.41 1.66 0.00	138.36 2.45 0.00	172.52 3.28 -5.29	176.63 2.85 -15.87	147.15 2.18 -16.87	138.11 1.52 -10.46	104.31 1.08 -4.81	76.05 0.38 0.00	64.33 0.39 0.00
GILBOA___4 23759	50.23 0.50 0.00	43.63 0.43 0.00	40.46 0.56 0.00	36.81 0.68 0.00	36.66 0.68 0.00	39.81 0.59 0.00	44.37 0.53 0.00	47.79 0.57 0.00	49.27 0.63 0.00	51.50 0.51 0.00	55.67 0.44 0.00	64.19 0.39 0.00	72.51 0.29 0.00	97.15 0.86 0.00	105.59 1.15 0.00	112.41 1.66 0.00	138.36 2.45 0.00	172.52 3.28 -5.29	176.63 2.85 -15.87	147.15 2.18 -16.87	138.11 1.52 -10.46	104.31 1.08 -4.81	76.05 0.38 0.00	64.33 0.39 0.00

GILBOA____ 23599	50.23 0.50 0.00	43.63 0.43 0.00	40.46 0.56 0.00	36.81 0.69 0.00	36.66 0.68 0.00	39.80 0.59 0.00	44.37 0.53 0.00	47.74 0.52 0.00	49.27 0.63 0.00	51.55 0.56 0.00	55.68 0.44 0.00	64.19 0.38 0.00	72.59 0.36 0.00	97.05 0.77 0.00	105.59 1.15 0.00	112.41 1.66 0.00	138.36 2.45 0.00	172.53 3.28 -5.29	176.63 2.84 -15.87	147.15 2.18 -16.87	138.10 1.51 -10.46	104.31 1.08 -4.81	76.05 0.38 0.00	64.33 0.38 0.00
GINNA____ 23603	47.99 -1.74 0.00	41.60 -1.60 0.00	38.26 -1.64 0.00	34.36 -1.77 0.00	34.07 -1.91 0.00	37.18 -2.04 0.00	41.52 -2.33 0.00	44.86 -2.36 0.00	46.21 -2.43 0.00	49.35 -1.63 0.00	53.97 -1.27 0.00	63.68 -0.13 0.00	71.79 -0.43 0.00	96.28 0.00 0.00	103.92 -0.52 0.00	111.08 0.33 0.00	136.05 0.14 0.00	161.66 -2.30 0.00	157.92 0.00 0.00	130.67 2.56 0.00	127.65 1.52 0.00	98.02 -0.39 0.00	74.23 -1.44 0.00	62.41 -1.54 0.00
GLEN PARK____ 23778	52.77 3.03 0.00	45.35 2.16 0.00	41.65 1.75 0.00	37.53 1.41 0.00	37.31 1.33 0.00	40.82 1.61 0.00	45.91 2.06 0.00	49.96 2.74 0.00	51.22 2.58 0.00	53.18 2.19 0.00	57.45 2.21 0.00	66.55 2.74 0.00	75.26 3.03 0.00	98.59 2.31 0.00	106.53 2.09 0.00	113.63 2.87 0.00	139.86 3.94 0.00	170.84 6.88 0.00	167.07 9.16 0.00	138.87 10.76 0.00	135.71 9.58 0.00	106.97 8.56 0.00	84.19 5.75 -2.77	73.08 4.61 -4.53
GLENDALE_27_KV_LOAD 356172	51.33 1.59 0.00	44.92 1.73 0.00	41.54 1.64 0.00	37.57 1.44 0.00	37.45 1.48 0.00	40.94 1.73 0.00	45.90 2.06 0.00	49.48 2.27 0.00	51.32 2.68 0.00	53.69 2.70 0.00	57.83 2.60 0.00	66.23 2.42 0.00	74.75 2.53 0.00	100.04 3.76 0.00	108.73 4.28 0.00	117.40 6.65 0.00	147.06 11.14 0.00	186.69 14.43 -8.31	194.69 11.84 -24.93	163.44 8.84 -26.50	148.23 5.68 -16.42	108.53 2.56 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
GLENWOOD_IC_1_G5 23712	51.33 1.59 0.00	44.45 1.25 0.00	41.02 1.12 0.00	37.17 1.05 0.00	37.06 1.08 0.00	40.47 1.25 0.00	45.29 1.45 0.00	48.63 1.42 0.00	50.88 2.24 0.00	53.23 2.24 0.00	58.05 2.82 0.00	66.42 2.62 0.00	73.20 1.73 0.75	94.01 2.89 5.16	104.50 3.55 3.49	116.40 5.65 0.00	144.88 8.97 0.00	184.73 12.46 -8.31	192.48 9.63 -24.93	153.46 6.92 -18.44	131.03 4.67 -0.23	97.84 1.87 2.44	74.34 0.38 1.71	65.10 1.15 0.00
GLENWOOD_IC_2_G1 23688	51.08 1.34 0.00	44.36 1.17 0.00	40.98 1.08 0.00	37.10 0.98 0.00	37.02 1.04 0.00	40.35 1.14 0.00	45.20 1.36 0.00	48.63 1.42 0.00	50.68 2.04 0.00	53.03 2.04 0.00	57.61 2.37 0.00	65.91 2.10 0.00	74.02 1.81 0.01	99.32 3.08 0.05	108.17 3.75 0.03	116.40 5.65 0.00	144.88 8.97 0.00	184.57 12.30 -8.31	192.48 9.63 -24.93	161.57 7.04 -26.42	147.32 4.91 -16.27	108.04 2.16 -7.46	76.34 0.68 0.02	65.10 1.15 0.00
GLENWOOD_IC_3_G1 23689	51.08 1.34 0.00	44.36 1.17 0.00	40.98 1.08 0.00	37.10 0.98 0.00	37.02 1.04 0.00	40.35 1.14 0.00	45.20 1.36 0.00	48.63 1.42 0.00	50.68 2.04 0.00	53.03 2.04 0.00	57.61 2.37 0.00	65.91 2.10 0.00	74.02 1.81 0.01	99.32 3.08 0.05	108.17 3.75 0.03	116.40 5.65 0.00	144.88 8.97 0.00	184.57 12.30 -8.31	192.48 9.63 -24.93	161.57 7.04 -26.42	147.32 4.91 -16.27	108.04 2.16 -7.46	76.34 0.68 0.02	65.10 1.15 0.00
GLENWOOD____4 23550	51.33 1.59 0.00	44.45 1.25 0.00	41.02 1.12 0.00	37.17 1.05 0.00	37.06 1.08 0.00	40.47 1.25 0.00	45.29 1.45 0.00	48.63 1.42 0.00	50.88 2.24 0.00	53.23 2.24 0.00	58.05 2.82 0.00	66.55 2.74 0.00	73.35 1.88 0.75	94.30 3.18 5.16	104.82 3.86 3.49	116.73 5.98 0.00	145.29 9.38 0.00	185.22 12.95 -8.31	192.79 9.95 -24.93	153.85 7.30 -18.44	131.28 4.92 -0.23	98.13 2.17 2.44	74.57 0.61 1.71	65.29 1.34 0.00
GLENWOOD____5 23614	51.33 1.59 0.00	44.45 1.25 0.00	41.02 1.12 0.00	37.17 1.05 0.00	37.06 1.08 0.00	40.47 1.25 0.00	45.29 1.45 0.00	48.63 1.42 0.00	50.88 2.24 0.00	53.23 2.24 0.00	58.05 2.82 0.00	66.55 2.74 0.00	73.35 1.88 0.75	94.30 3.18 5.16	104.82 3.86 3.49	116.73 5.98 0.00	145.29 9.38 0.00	185.22 12.95 -8.31	192.79 9.95 -24.93	153.85 7.30 -18.44	131.28 4.92 -0.23	98.13 2.17 2.44	74.57 0.61 1.71	65.29 1.34 0.00
GLOBAL GREEN_PORT_GT1 23814	52.27 2.54 0.00	45.01 1.81 0.00	41.38 1.48 0.00	37.61 1.48 0.00	37.56 1.58 0.00	40.79 1.57 0.00	45.60 1.76 0.00	48.73 1.51 0.00	51.56 2.92 0.00	54.05 3.06 0.00	59.71 4.47 0.00	68.27 4.46 0.00	73.48 3.54 2.28	86.53 5.87 15.62	100.57 6.69 10.57	120.00 10.08 0.83	149.63 13.72 0.01	188.09 19.67 -4.47	193.40 14.69 -20.79	137.20 9.86 0.77	100.07 6.55 32.62	78.84 3.15 22.72	71.33 0.83 5.18	66.57 2.62 0.00
GLOBE____DSASP 323697	49.14 -0.60 0.00	43.02 -0.17 0.00	38.82 -1.08 0.00	35.08 -1.05 0.00	34.90 -1.08 0.00	37.33 -1.88 0.00	41.70 -2.15 0.00	44.48 -2.74 0.00	46.11 -2.53 0.00	50.17 -0.82 0.00	55.12 -0.11 0.00	65.27 1.47 0.00	73.38 1.16 0.00	98.02 1.73 0.00	104.86 0.42 0.00	112.41 1.66 0.00	136.46 0.54 0.00	158.38 -5.57 0.00	156.34 -1.58 0.00	132.33 4.23 0.00	129.41 3.28 0.00	99.40 0.98 0.00	75.45 -0.23 0.00	64.39 0.45 0.00
GOETHSLN____LBMP 323567	50.82 1.09 0.01	44.23 1.04 0.00	40.90 1.00 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.28 1.06 0.00	45.20 1.36 0.00	48.72 1.51 0.01	50.67 2.04 0.01	50.98 1.99 2.00	51.26 1.93 5.90	53.11 1.79 12.48	54.09 1.73 19.87	73.26 2.79 25.82	87.36 3.45 20.53	89.91 5.43 26.27	110.68 8.83 34.07	125.84 11.80 49.92	142.95 9.47 24.44	124.14 6.92 10.88	109.78 4.54 20.90	61.61 1.77 38.57	60.41 0.45 15.71	53.47 0.64 11.11
GOLAH____69_KV_TB 1_2 80279	50.33 0.60 0.00	43.67 0.48 0.00	40.10 0.20 0.00	35.87 -0.25 0.00	35.62 -0.36 0.00	38.86 -0.35 0.00	43.45 -0.39 0.00	46.56 -0.66 0.00	48.06 -0.58 0.00	51.60 0.61 0.00	56.51 1.27 0.00	66.36 2.55 0.00	75.04 2.82 0.00	100.42 4.14 0.00	108.20 3.76 0.00	115.73 4.98 0.00	141.48 5.57 0.00	167.07 3.12 0.00	163.92 6.00 0.00	136.94 8.84 0.00	133.70 7.57 0.00	102.84 4.43 0.00	77.79 2.12 0.00	65.74 1.79 0.00
GOODYEAR_LAKE_HYD 323669	51.38 1.64 0.00	44.53 1.34 0.00	41.14 1.24 0.00	37.21 1.08 0.00	37.09 1.12 0.00	40.47 1.25 0.00	45.25 1.40 0.00	48.68 1.46 0.00	50.10 1.46 0.00	52.36 1.38 0.00	56.73 1.49 0.00	65.59 1.79 0.00	74.17 1.95 0.00	99.46 3.18 0.00	108.10 3.66 0.00	115.40 4.65 0.00	142.16 6.25 0.00	197.94 8.20 -25.79	243.97 8.69 -77.37	218.41 8.07 -82.24	184.05 6.94 -50.98	126.59 4.72 -23.45	78.40 2.72 0.00	66.18 2.24 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	50.03 0.30 0.00	43.50 0.30 0.00	40.06 0.16 0.00	36.12 0.00 0.00	35.98 0.00 0.00	39.26 0.04 0.00	43.93 0.09 0.00	47.22 0.00 0.00	48.64 0.00 0.00	51.40 0.41 0.00	55.84 0.61 0.00	64.89 1.08 0.00	73.38 1.16 0.00	98.30 2.02 0.00	106.53 2.09 0.00	113.74 2.99 0.00	139.72 3.81 0.00	171.17 3.61 -3.61	173.47 4.74 -10.82	145.24 5.64 -11.50	137.80 4.54 -7.13	104.25 2.56 -3.28	76.81 1.14 0.00	64.90 0.96 0.00

GOUDEY___7 23579	50.03 0.30 0.00	43.50 0.30 0.00	40.06 0.16 0.00	36.12 0.00 0.00	35.98 0.00 0.00	39.26 0.04 0.00	43.93 0.09 0.00	47.22 0.00 0.00	48.64 0.00 0.00	51.40 0.41 0.00	55.84 0.61 0.00	64.89 1.08 0.00	73.38 1.16 0.00	98.30 2.02 0.00	106.53 2.09 0.00	113.74 2.99 0.00	139.72 3.81 0.00	171.17 3.61 -3.61	173.47 4.74 -10.82	145.24 5.64 -11.50	137.80 4.54 -7.13	104.25 2.56 -3.28	76.81 1.14 0.00	64.90 0.96 0.00
GOUDEY___8 23580	50.03 0.30 0.00	43.50 0.30 0.00	40.06 0.16 0.00	36.12 0.00 0.00	35.98 0.00 0.00	39.26 0.04 0.00	43.93 0.09 0.00	47.22 0.00 0.00	48.64 0.00 0.00	51.40 0.41 0.00	55.84 0.61 0.00	64.89 1.08 0.00	73.38 1.16 0.00	98.30 2.02 0.00	106.53 2.09 0.00	113.74 2.99 0.00	139.72 3.81 0.00	171.17 3.61 -3.61	173.47 4.74 -10.82	145.24 5.64 -11.50	137.80 4.54 -7.13	104.25 2.56 -3.28	76.81 1.14 0.00	64.90 0.96 0.00
GOWANUS_GT1_1 24077	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.77 1.93 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.18 1.95 0.00	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.24 10.33 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	147.47 4.92 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.90 0.96 0.00
GOWANUS_GT1_2 24078	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.77 1.93 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.18 1.95 0.00	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.24 10.33 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	147.47 4.92 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.90 0.96 0.00
GOWANUS_GT1_3 24079	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.77 1.93 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.18 1.95 0.00	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.24 10.33 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	147.47 4.92 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.90 0.96 0.00
GOWANUS_GT1_4 24080	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.77 1.93 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.18 1.95 0.00	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.24 10.33 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	147.47 4.92 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.90 0.96 0.00
GOWANUS_GT1_5 24084	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.77 1.93 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.18 1.95 0.00	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.24 10.33 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	147.47 4.92 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.90 0.96 0.00
GOWANUS_GT1_6 24111	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.77 1.93 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.18 1.95 0.00	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.24 10.33 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	147.47 4.92 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.90 0.96 0.00
GOWANUS_GT1_7 24112	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.77 1.93 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.18 1.95 0.00	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.24 10.33 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	147.47 4.92 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.90 0.96 0.00
GOWANUS_GT1_8 24113	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.77 1.93 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.18 1.95 0.00	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.24 10.33 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	147.47 4.92 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.90 0.96 0.00
GOWANUS_GT2_1 24114	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.39 1.40 -0.01	40.87 1.65 -0.01	45.74 1.88 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.11 10.20 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.55 7.95 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT2_2 24115	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.39 1.40 -0.01	40.87 1.65 -0.01	45.74 1.88 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.11 10.20 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.55 7.95 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT2_3 24116	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.39 1.40 -0.01	40.87 1.65 -0.01	45.74 1.88 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.11 10.20 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.55 7.95 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT2_4 24117	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.39 1.40 -0.01	40.87 1.65 -0.01	45.74 1.88 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.11 10.20 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.55 7.95 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT2_5 24118	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.39 1.40 -0.01	40.87 1.65 -0.01	45.74 1.88 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.11 10.20 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.55 7.95 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01

GOWANUS_GT2_6 24119	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.39 1.40 -0.01	40.87 1.65 -0.01	45.74 1.88 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.11 10.20 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.55 7.95 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT2_7 24120	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.39 1.40 -0.01	40.87 1.65 -0.01	45.74 1.88 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.11 10.20 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.55 7.95 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT2_8 24121	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.39 1.40 -0.01	40.87 1.65 -0.01	45.74 1.88 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.11 10.20 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.55 7.95 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT3_1 24122	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT3_2 24123	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT3_3 24124	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT3_4 24125	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT3_5 24126	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT3_6 24127	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT3_7 24128	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT3_8 24129	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
GOWANUS_GT4_1 24130	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.86 1.65 0.00	45.73 1.89 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.17 1.95 0.01	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.11 10.19 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.54 7.94 -26.50	147.35 4.79 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.84 0.90 0.00
GOWANUS_GT4_2 24131	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.86 1.65 0.00	45.73 1.89 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.17 1.95 0.01	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.11 10.19 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.54 7.94 -26.50	147.35 4.79 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.84 0.90 0.00
GOWANUS_GT4_3 24132	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.86 1.65 0.00	45.73 1.89 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.17 1.95 0.01	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.11 10.19 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.54 7.94 -26.50	147.35 4.79 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.84 0.90 0.00
GOWANUS_GT4_4 24133	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.86 1.65 0.00	45.73 1.89 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.17 1.95 0.01	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.11 10.19 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.54 7.94 -26.50	147.35 4.79 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.84 0.90 0.00

GOWANUS_GT4_5 24134	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.86 1.65 0.00	45.73 1.89 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.17 1.95 0.01	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.11 10.19 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.54 7.94 -26.50	147.35 4.79 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.84 0.90 0.00
GOWANUS_GT4_6 24135	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.86 1.65 0.00	45.73 1.89 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.17 1.95 0.01	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.11 10.19 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.54 7.94 -26.50	147.35 4.79 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.84 0.90 0.00
GOWANUS_GT4_7 24136	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.86 1.65 0.00	45.73 1.89 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.17 1.95 0.01	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.11 10.19 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.54 7.94 -26.50	147.35 4.79 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.84 0.90 0.00
GOWANUS_GT4_8 24137	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.38 1.40 0.00	40.86 1.65 0.00	45.73 1.89 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.17 1.95 0.01	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.11 10.19 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.54 7.94 -26.50	147.35 4.79 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.84 0.90 0.00
GREATVRV_69_KV_BK1 356245	51.87 2.14 0.00	44.66 1.47 0.00	41.06 1.16 0.00	37.28 1.16 0.00	37.20 1.22 0.00	40.55 1.33 0.00	45.33 1.49 0.00	48.40 1.18 0.00	51.02 2.38 0.00	53.38 2.40 0.00	58.83 3.59 0.00	68.08 4.28 0.00	71.90 1.88 2.21	84.43 3.27 15.13	98.07 3.86 10.23	116.17 6.20 0.79	145.42 9.51 0.01	183.05 14.43 -4.66	189.18 10.26 -21.00	135.29 7.05 -0.14	100.11 5.05 31.07	79.01 2.36 21.76	71.42 0.76 5.01	66.57 2.62 0.00
GREENBSH_115KV_TB3 55895	50.68 0.94 0.00	44.06 0.86 0.00	40.74 0.84 0.00	36.96 0.83 0.00	36.84 0.86 0.00	40.12 0.90 0.00	44.81 0.96 0.00	48.21 0.99 0.00	49.61 0.97 0.00	51.65 0.66 0.00	55.68 0.44 0.00	64.19 0.38 0.00	72.59 0.36 0.00	97.05 0.77 0.00	105.70 1.25 0.00	113.19 2.44 0.00	140.13 4.21 0.00	215.32 5.74 -45.63	299.53 4.74 -136.88	277.05 3.46 -145.49	218.84 2.52 -90.19	141.38 1.48 -41.49	76.43 0.76 0.00	64.78 0.83 0.00
GREENDGE_115KV_TB5 80291	50.18 0.45 0.00	43.89 0.69 0.00	40.30 0.40 0.00	36.16 0.04 0.00	35.98 0.00 0.00	39.33 0.12 0.00	44.20 0.35 0.00	47.45 0.24 0.00	48.25 -0.39 0.00	51.34 0.36 0.00	56.01 0.77 0.00	65.53 1.72 0.00	74.17 1.95 0.00	99.07 2.79 0.00	107.26 2.82 0.00	114.63 3.88 0.00	139.17 3.26 0.00	168.46 2.46 -2.05	169.27 5.21 -6.14	141.80 7.17 -6.53	136.10 5.93 -4.05	103.32 3.05 -1.86	77.94 2.27 0.00	65.54 1.60 0.00
GREENIDGE___3 23582	50.18 0.45 0.00	43.89 0.69 0.00	40.30 0.40 0.00	36.16 0.04 0.00	35.98 0.00 0.00	39.33 0.12 0.00	44.20 0.35 0.00	47.45 0.24 0.00	48.25 -0.39 0.00	51.34 0.36 0.00	56.01 0.77 0.00	65.53 1.72 0.00	74.17 1.95 0.00	99.07 2.79 0.00	107.26 2.82 0.00	114.63 3.88 0.00	139.17 3.26 0.00	168.46 2.46 -2.05	169.27 5.21 -6.14	141.80 7.17 -6.53	136.10 5.93 -4.05	103.32 3.05 -1.86	77.94 2.27 0.00	65.54 1.60 0.00
GREENIDGE___4 23583	50.18 0.45 0.00	43.88 0.69 0.00	40.26 0.36 0.00	36.16 0.04 0.00	35.98 0.00 0.00	39.37 0.16 0.00	44.19 0.35 0.00	47.55 0.33 0.00	48.79 0.15 0.00	51.39 0.41 0.00	56.06 0.83 0.00	65.72 1.91 0.00	74.18 1.95 0.00	99.08 2.79 0.00	107.26 2.82 0.00	114.62 3.87 0.00	139.17 3.26 0.00	168.47 2.46 -2.05	169.26 5.20 -6.14	141.80 7.17 -6.53	135.98 5.81 -4.05	103.22 2.95 -1.86	77.94 2.27 0.00	65.61 1.66 0.00
GREENLWN_69_KV_BK 3 55738	50.78 1.04 0.00	43.84 0.65 0.00	40.38 0.48 0.00	36.59 0.47 0.00	36.52 0.54 0.00	39.84 0.63 0.00	44.55 0.70 0.00	47.69 0.47 0.00	50.20 1.56 0.00	52.52 1.53 0.00	57.67 2.43 0.00	66.42 2.62 0.00	69.78 -0.22 2.23	81.41 0.39 15.26	95.06 0.94 10.32	112.93 2.99 0.81	141.61 5.71 0.01	177.85 9.35 -4.55	184.63 5.84 -20.87	131.55 3.59 0.14	96.05 1.39 31.47	75.71 -0.69 22.01	69.03 -1.59 5.06	64.84 0.90 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.77 1.93 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.18 1.95 0.00	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.24 10.33 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	147.47 4.92 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.90 0.96 0.00
GRISSOM___SOLAR 323813	52.87 3.14 0.00	45.92 2.72 0.00	42.37 2.47 0.00	38.26 2.13 0.00	38.17 2.20 0.00	41.76 2.55 0.00	46.56 2.72 0.00	49.62 2.41 0.00	50.10 1.46 0.00	51.45 0.46 0.00	55.12 -0.11 0.00	63.23 -0.58 0.00	71.50 -0.72 0.00	96.09 -0.19 0.00	105.07 0.63 0.00	112.96 2.21 0.00	140.94 5.03 0.00	257.80 9.18 -84.66	423.59 11.69 -253.99	409.73 11.66 -269.97	304.96 11.48 -167.35	183.76 8.36 -76.99	81.27 5.60 0.00	68.35 4.41 0.00
GROVEVILLE___HYD 323602	51.33 1.59 0.00	44.58 1.38 0.00	41.22 1.32 0.00	37.28 1.16 0.00	37.17 1.19 0.00	40.59 1.37 0.00	45.47 1.62 0.00	48.96 1.75 0.00	50.73 2.09 0.00	52.98 1.99 0.00	57.22 1.99 0.00	65.85 2.04 0.00	74.46 2.24 0.00	99.85 3.56 0.00	108.93 4.49 0.00	116.95 6.20 0.00	145.43 9.51 0.00	185.35 12.79 -8.61	194.48 10.74 -25.83	163.50 7.94 -27.45	149.20 6.05 -17.02	109.59 3.35 -7.83	77.41 1.74 0.00	65.54 1.60 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	49.54 -0.20 0.00	43.02 -0.17 0.00	39.62 -0.28 0.00	35.73 -0.40 0.00	35.58 -0.40 0.00	38.82 -0.39 0.00	43.54 -0.31 0.00	46.89 -0.33 0.00	48.25 -0.39 0.00	50.78 -0.20 0.00	55.18 -0.06 0.00	63.68 -0.13 0.00	72.01 -0.22 0.00	96.38 0.10 0.00	104.65 0.21 0.00	111.53 0.78 0.00	137.00 1.09 0.00	165.10 1.15 0.00	159.81 1.89 0.00	130.67 2.56 0.00	127.77 1.64 0.00	99.00 0.59 0.00	75.37 -0.30 0.00	63.56 -0.38 0.00
HAMLTNNY_34_KV_TB 80303	49.84 0.10 0.00	43.28 0.09 0.00	39.82 -0.08 0.00	35.87 -0.25 0.00	35.73 -0.25 0.00	38.98 -0.24 0.00	43.67 -0.18 0.00	46.70 -0.52 0.00	48.06 -0.58 0.00	50.73 -0.25 0.00	55.12 -0.11 0.00	64.00 0.19 0.00	72.44 0.22 0.00	96.96 0.67 0.00	105.17 0.73 0.00	112.08 1.33 0.00	137.68 1.77 0.00	165.27 1.31 0.00	160.44 2.53 0.00	131.43 3.33 0.00	128.65 2.52 0.00	99.49 1.08 0.00	75.75 0.08 0.00	63.82 -0.13 0.00

HAMPSHIRE___PAPER_HYD 323593	51.28 1.54 0.00	44.32 1.12 0.00	40.78 0.88 0.00	36.92 0.79 0.00	36.66 0.68 0.00	40.08 0.86 0.00	45.03 1.18 0.00	48.49 1.28 0.00	50.00 1.36 0.00	52.26 1.28 0.00	56.62 1.38 0.00	65.34 1.53 0.00	74.10 1.87 0.00	96.77 0.48 0.00	104.24 -0.21 0.00	109.31 -1.44 0.00	133.33 -2.59 0.00	161.82 -2.14 0.00	156.34 -1.58 0.00	127.59 -0.51 0.00	125.75 -0.38 0.00	99.79 1.38 0.00	87.38 2.42 -9.29	81.30 2.18 -15.18
HARDSCRABBLE_WT_PWR 323673	49.64 -0.10 0.00	42.98 -0.21 0.00	39.70 -0.20 0.00	35.94 -0.18 0.00	35.80 -0.18 0.00	39.06 -0.16 0.00	43.71 -0.13 0.00	47.12 -0.09 0.00	48.54 -0.10 0.00	50.68 -0.30 0.00	54.85 -0.38 0.00	63.43 -0.38 0.00	71.79 -0.43 0.00	95.90 -0.38 0.00	104.24 -0.21 0.00	110.86 0.11 0.00	136.32 0.41 0.00	164.95 0.99 0.00	158.87 0.95 0.00	129.01 0.90 0.00	126.38 0.25 0.00	98.41 0.00 0.00	75.30 -0.38 0.00	63.69 -0.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.93 1.19 0.00	44.23 1.04 0.00	40.90 1.00 0.00	37.03 0.90 0.00	36.91 0.94 0.00	40.31 1.10 0.00	45.12 1.27 0.00	48.63 1.42 0.00	50.39 1.75 0.00	52.72 1.73 0.00	57.00 1.77 0.00	65.53 1.72 0.00	74.10 1.88 0.00	99.27 2.98 0.00	108.20 3.76 0.00	116.18 5.43 0.00	144.34 8.43 0.00	183.21 11.48 -7.78	190.74 9.47 -23.35	159.96 7.05 -24.81	146.68 5.17 -15.38	108.15 2.66 -7.08	76.88 1.21 0.00	65.10 1.15 0.00
HARSNRAD_115KV_TB1 81005	49.39 -0.35 0.00	43.07 -0.13 0.00	39.62 -0.28 0.00	35.08 -1.05 0.00	34.86 -1.12 0.00	38.16 -1.06 0.00	42.53 -1.32 0.00	45.23 -1.98 0.00	46.84 -1.80 0.00	50.94 -0.05 0.00	55.79 0.55 0.00	65.98 2.17 0.00	74.32 2.09 0.00	99.27 2.98 0.00	106.32 1.88 0.00	114.07 3.32 0.00	138.63 2.72 0.00	161.17 -2.79 0.00	159.18 1.26 0.00	134.77 6.66 0.00	131.68 5.55 0.00	100.87 2.46 0.00	76.50 0.83 0.00	64.78 0.83 0.00
HARZA MOOSE___RIVER 24016	51.28 1.54 0.00	44.23 1.04 0.00	40.70 0.80 0.00	36.74 0.61 0.00	36.52 0.54 0.00	39.92 0.71 0.00	44.85 1.01 0.00	48.40 1.18 0.00	50.10 1.46 0.00	52.26 1.27 0.00	56.56 1.33 0.00	65.27 1.47 0.00	73.96 1.73 0.00	98.69 2.41 0.00	106.11 1.67 0.00	112.74 1.99 0.00	138.49 2.58 0.00	168.05 4.10 0.00	162.02 4.11 0.00	132.46 4.36 0.00	129.41 3.28 0.00	100.48 2.07 0.00	80.39 2.04 -2.68	70.18 1.85 -4.38
HDSNBRDG_115KV_BRDG_TB1 355580	49.14 -0.60 0.00	42.63 -0.56 0.00	39.30 -0.60 0.00	35.47 -0.65 0.00	35.30 -0.68 0.00	38.51 -0.71 0.00	43.14 -0.70 0.00	46.51 -0.71 0.00	47.91 -0.73 0.00	50.43 -0.56 0.00	54.79 -0.44 0.00	63.49 -0.32 0.00	71.94 -0.29 0.00	96.28 0.00 0.00	104.44 0.00 0.00	111.30 0.55 0.00	136.73 0.82 0.00	164.61 0.66 0.00	159.34 1.42 0.00	130.28 2.18 0.00	127.52 1.39 0.00	98.71 0.30 0.00	75.14 -0.53 0.00	63.37 -0.58 0.00
HELLGATE_13_KV_LD 55870	51.33 1.59 0.00	44.92 1.73 0.00	41.54 1.64 0.00	37.61 1.48 0.00	37.49 1.51 0.00	40.94 1.73 0.00	45.90 2.06 0.00	49.48 2.27 0.00	51.32 2.68 0.00	53.69 2.70 0.00	57.83 2.60 0.00	66.17 2.36 0.00	74.68 2.46 0.00	99.85 3.56 0.00	108.62 4.18 0.00	117.28 6.53 0.00	146.92 11.01 0.00	186.53 14.26 -8.31	194.53 11.69 -24.93	163.31 8.71 -26.50	148.10 5.55 -16.42	108.43 2.46 -7.56	76.66 0.98 0.00	64.97 1.02 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.33 1.59 0.00	44.92 1.73 0.00	41.54 1.64 0.00	37.61 1.48 0.00	37.49 1.51 0.00	40.94 1.73 0.00	45.90 2.06 0.00	49.48 2.27 0.00	51.32 2.68 0.00	53.69 2.70 0.00	57.83 2.60 0.00	66.17 2.36 0.00	74.68 2.46 0.00	99.85 3.56 0.00	108.62 4.18 0.00	117.28 6.53 0.00	146.92 11.01 0.00	186.53 14.26 -8.31	194.53 11.69 -24.93	163.31 8.71 -26.50	148.10 5.55 -16.42	108.43 2.46 -7.56	76.66 0.98 0.00	64.97 1.02 0.00
HEMPSTEAD____ 23647	50.93 1.19 0.00	44.14 0.95 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.16 0.94 0.00	50.44 1.80 0.00	52.77 1.78 0.00	57.72 2.49 0.00	65.72 1.91 0.00	72.17 1.08 1.14	90.62 2.12 7.78	101.89 2.71 5.26	115.50 4.76 0.01	143.79 7.88 0.01	183.91 11.64 -8.31	191.21 8.36 -24.93	148.35 5.90 -14.35	121.67 3.53 7.99	92.08 1.19 7.52	73.02 -0.08 2.58	64.91 0.96 0.00
HICKLING___1 23621	50.28 0.55 0.00	43.80 0.60 0.00	40.18 0.28 0.00	36.05 -0.07 0.00	35.91 -0.07 0.00	39.22 0.00 0.00	44.06 0.22 0.00	47.08 -0.14 0.00	48.45 -0.19 0.00	51.60 0.61 0.00	56.39 1.16 0.00	65.91 2.11 0.00	74.61 2.38 0.00	99.85 3.56 0.00	107.99 3.55 0.00	115.51 4.76 0.00	141.35 5.44 0.00	171.01 4.43 -2.63	172.75 6.95 -7.89	145.46 8.97 -8.39	139.02 7.69 -5.20	105.33 4.53 -2.39	78.09 2.42 0.00	65.86 1.92 0.00
HICKLING___2 23622	50.28 0.55 0.00	43.80 0.60 0.00	40.18 0.28 0.00	36.05 -0.07 0.00	35.91 -0.07 0.00	39.22 0.00 0.00	44.06 0.22 0.00	47.08 -0.14 0.00	48.45 -0.19 0.00	51.60 0.61 0.00	56.39 1.16 0.00	65.91 2.11 0.00	74.61 2.38 0.00	99.85 3.56 0.00	107.99 3.55 0.00	115.51 4.76 0.00	141.35 5.44 0.00	171.01 4.43 -2.63	172.75 6.95 -7.89	145.46 8.97 -8.39	139.02 7.69 -5.20	105.33 4.53 -2.39	78.09 2.42 0.00	65.86 1.92 0.00
HIGH FALLS___HY 23754	51.18 1.44 0.00	44.41 1.21 0.00	41.06 1.16 0.00	37.14 1.01 0.00	37.02 1.04 0.00	40.43 1.22 0.00	45.29 1.45 0.00	48.78 1.56 0.00	50.59 1.95 0.00	52.87 1.89 0.00	57.17 1.93 0.00	65.79 1.98 0.00	74.39 2.17 0.00	99.27 3.27 0.28	107.79 4.18 0.83	115.22 5.76 1.29	143.63 9.11 1.39	181.39 12.62 -4.81	193.30 11.05 -24.33	164.37 8.20 -28.07	149.01 6.18 -16.69	110.18 3.44 -8.33	77.34 1.66 0.00	65.42 1.47 0.00
HIGH_RIVER___SOLAR 323847	51.58 1.84 0.00	44.79 1.60 0.00	41.38 1.48 0.00	37.46 1.34 0.00	37.35 1.37 0.00	40.74 1.53 0.00	45.42 1.58 0.00	48.59 1.37 0.00	49.42 0.78 0.00	50.99 0.00 0.00	54.85 -0.38 0.00	63.17 -0.64 0.00	71.50 -0.72 0.00	95.90 -0.38 0.00	104.55 0.10 0.00	111.86 1.11 0.00	138.63 2.72 0.00	258.79 5.40 -89.43	433.33 7.11 -268.30	420.45 7.17 -285.18	309.71 6.81 -176.77	184.56 4.82 -81.32	78.78 3.10 0.00	66.44 2.49 0.00
HILLBURN___GT 23639	50.73 0.99 0.00	44.10 0.91 0.00	40.82 0.92 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.20 0.98 0.00	45.03 1.18 0.00	48.54 1.32 0.00	50.29 1.65 0.00	52.62 1.63 0.00	56.89 1.66 0.00	65.28 1.47 0.00	73.81 1.59 0.00	99.08 2.79 0.00	107.79 3.34 0.00	115.85 5.10 0.00	144.07 8.15 0.00	182.84 10.99 -7.89	190.44 8.84 -23.68	159.80 6.53 -25.17	146.27 4.53 -15.60	107.56 1.97 -7.18	76.43 0.76 0.00	64.77 0.83 0.00
HILLSIDE_115KV_TB1 80332	49.54 -0.20 0.00	43.15 -0.04 0.00	39.66 -0.24 0.00	35.62 -0.51 0.00	35.44 -0.54 0.00	38.71 -0.51 0.00	43.41 -0.44 0.00	46.46 -0.76 0.00	47.86 -0.78 0.00	50.89 -0.10 0.00	55.51 0.28 0.00	64.76 0.96 0.00	73.24 1.01 0.00	98.11 1.83 0.00	106.01 1.57 0.00	113.30 2.55 0.00	138.77 2.85 0.00	168.17 1.48 -2.73	169.75 3.63 -8.20	142.71 5.89 -8.72	136.33 4.79 -5.40	103.36 2.46 -2.49	76.66 0.98 0.00	64.71 0.77 0.00

HISHELDN_WT_PWR 323625	49.89 0.15 0.00	43.46 0.26 0.00	39.74 -0.16 0.00	35.48 -0.65 0.00	35.26 -0.72 0.00	38.43 -0.78 0.00	42.97 -0.88 0.00	45.95 -1.27 0.00	47.43 -1.21 0.00	51.30 0.31 0.00	56.28 1.05 0.00	66.81 3.00 0.00	74.97 2.74 0.00	100.33 4.04 0.00	107.57 3.13 0.00	115.40 4.65 0.00	140.67 4.75 0.00	164.78 0.82 0.00	162.65 4.73 0.00	137.20 9.10 0.00	133.95 7.82 0.00	102.54 4.13 0.00	77.94 2.27 0.00	65.99 2.05 0.00
HOLTSVILLE_IC_1 23690	50.83 1.09 0.00	43.88 0.69 0.00	40.42 0.52 0.00	36.70 0.58 0.00	36.63 0.65 0.00	39.84 0.63 0.00	44.59 0.74 0.00	47.50 0.29 0.00	50.05 1.41 0.00	52.21 1.22 0.00	57.45 2.21 0.00	65.28 1.47 0.00	69.87 -0.07 2.28	81.40 0.77 15.65	95.01 1.15 10.59	113.24 3.32 0.83	141.48 5.57 0.01	178.09 9.67 -4.46	184.54 5.85 -20.78	130.75 3.46 0.82	95.06 1.64 32.70	75.44 -0.20 22.77	69.43 -1.06 5.19	64.84 0.89 0.00
HOLTSVILLE_IC_10 23699	51.03 1.29 0.00	44.06 0.86 0.00	40.54 0.64 0.00	36.85 0.72 0.00	36.77 0.79 0.00	39.96 0.74 0.00	44.77 0.92 0.00	47.64 0.42 0.00	50.20 1.56 0.00	52.47 1.48 0.00	57.72 2.49 0.00	65.66 1.85 0.00	70.47 0.51 2.26	82.29 1.54 15.53	96.03 2.09 10.50	114.37 4.43 0.82	142.83 6.93 0.01	179.77 11.30 -4.51	186.01 7.27 -20.83	132.12 4.61 0.59	96.59 2.77 32.31	76.48 0.59 22.53	70.00 -0.53 5.14	65.22 1.28 0.00
HOLTSVILLE_IC_2 23691	50.83 1.09 0.00	43.88 0.69 0.00	40.42 0.52 0.00	36.70 0.58 0.00	36.63 0.65 0.00	39.84 0.63 0.00	44.59 0.74 0.00	47.50 0.29 0.00	50.05 1.41 0.00	52.21 1.22 0.00	57.45 2.21 0.00	65.28 1.47 0.00	69.87 -0.07 2.28	81.40 0.77 15.65	95.01 1.15 10.59	113.24 3.32 0.83	141.48 5.57 0.01	178.09 9.67 -4.46	184.54 5.85 -20.78	130.75 3.46 0.82	95.06 1.64 32.70	75.44 -0.20 22.77	69.43 -1.06 5.19	64.84 0.89 0.00
HOLTSVILLE_IC_3 23692	50.83 1.09 0.00	43.88 0.69 0.00	40.42 0.52 0.00	36.70 0.58 0.00	36.63 0.65 0.00	39.84 0.63 0.00	44.59 0.74 0.00	47.50 0.29 0.00	50.05 1.41 0.00	52.21 1.22 0.00	57.45 2.21 0.00	65.28 1.47 0.00	69.87 -0.07 2.28	81.40 0.77 15.65	95.01 1.15 10.59	113.24 3.32 0.83	141.48 5.57 0.01	178.09 9.67 -4.46	184.54 5.85 -20.78	130.75 3.46 0.82	95.06 1.64 32.70	75.44 -0.20 22.77	69.43 -1.06 5.19	64.84 0.89 0.00
HOLTSVILLE_IC_4 23693	50.83 1.09 0.00	43.88 0.69 0.00	40.42 0.52 0.00	36.70 0.58 0.00	36.63 0.65 0.00	39.84 0.63 0.00	44.59 0.74 0.00	47.50 0.29 0.00	50.05 1.41 0.00	52.21 1.22 0.00	57.45 2.21 0.00	65.28 1.47 0.00	69.87 -0.07 2.28	81.40 0.77 15.65	95.01 1.15 10.59	113.24 3.32 0.83	141.48 5.57 0.01	178.09 9.67 -4.46	184.54 5.85 -20.78	130.75 3.46 0.82	95.06 1.64 32.70	75.44 -0.20 22.77	69.43 -1.06 5.19	64.84 0.89 0.00
HOLTSVILLE_IC_5 23694	50.83 1.09 0.00	43.88 0.69 0.00	40.42 0.52 0.00	36.70 0.58 0.00	36.63 0.65 0.00	39.84 0.63 0.00	44.59 0.74 0.00	47.50 0.29 0.00	50.05 1.41 0.00	52.21 1.22 0.00	57.45 2.21 0.00	65.28 1.47 0.00	69.87 -0.07 2.28	81.40 0.77 15.65	95.01 1.15 10.59	113.24 3.32 0.83	141.48 5.57 0.01	178.09 9.67 -4.46	184.54 5.85 -20.78	130.75 3.46 0.82	95.06 1.64 32.70	75.44 -0.20 22.77	69.43 -1.06 5.19	64.84 0.89 0.00
HOLTSVILLE_IC_6 23695	51.03 1.29 0.00	44.06 0.86 0.00	40.54 0.64 0.00	36.85 0.72 0.00	36.77 0.79 0.00	39.96 0.74 0.00	44.77 0.92 0.00	47.64 0.42 0.00	50.20 1.56 0.00	52.47 1.48 0.00	57.72 2.49 0.00	65.66 1.85 0.00	70.47 0.51 2.26	82.29 1.54 15.53	96.03 2.09 10.50	114.37 4.43 0.82	142.83 6.93 0.01	179.77 11.30 -4.51	186.01 7.27 -20.83	132.12 4.61 0.59	96.59 2.77 32.31	76.48 0.59 22.53	70.00 -0.53 5.14	65.22 1.28 0.00
HOLTSVILLE_IC_7 23696	51.03 1.29 0.00	44.06 0.86 0.00	40.54 0.64 0.00	36.85 0.72 0.00	36.77 0.79 0.00	39.96 0.74 0.00	44.77 0.92 0.00	47.64 0.42 0.00	50.20 1.56 0.00	52.47 1.48 0.00	57.72 2.49 0.00	65.66 1.85 0.00	70.47 0.51 2.26	82.29 1.54 15.53	96.03 2.09 10.50	114.37 4.43 0.82	142.83 6.93 0.01	179.77 11.30 -4.51	186.01 7.27 -20.83	132.12 4.61 0.59	96.59 2.77 32.31	76.48 0.59 22.53	70.00 -0.53 5.14	65.22 1.28 0.00
HOLTSVILLE_IC_8 23697	51.03 1.29 0.00	44.06 0.86 0.00	40.54 0.64 0.00	36.85 0.72 0.00	36.77 0.79 0.00	39.96 0.74 0.00	44.77 0.92 0.00	47.64 0.42 0.00	50.20 1.56 0.00	52.47 1.48 0.00	57.72 2.49 0.00	65.66 1.85 0.00	70.47 0.51 2.26	82.29 1.54 15.53	96.03 2.09 10.50	114.37 4.43 0.82	142.83 6.93 0.01	179.77 11.30 -4.51	186.01 7.27 -20.83	132.12 4.61 0.59	96.59 2.77 32.31	76.48 0.59 22.53	70.00 -0.53 5.14	65.22 1.28 0.00
HOLTSVILLE_IC_9 23698	51.03 1.29 0.00	44.06 0.86 0.00	40.54 0.64 0.00	36.85 0.72 0.00	36.77 0.79 0.00	39.96 0.74 0.00	44.77 0.92 0.00	47.64 0.42 0.00	50.20 1.56 0.00	52.47 1.48 0.00	57.72 2.49 0.00	65.66 1.85 0.00	70.47 0.51 2.26	82.29 1.54 15.53	96.03 2.09 10.50	114.37 4.43 0.82	142.83 6.93 0.01	179.77 11.30 -4.51	186.01 7.27 -20.83	132.12 4.61 0.59	96.59 2.77 32.31	76.48 0.59 22.53	70.00 -0.53 5.14	65.22 1.28 0.00
HOMER_HL_115KV_TB2 355744	49.24 -0.50 0.00	42.89 -0.30 0.00	39.26 -0.64 0.00	35.04 -1.08 0.00	34.83 -1.15 0.00	38.12 -1.10 0.00	42.75 -1.10 0.00	45.61 -1.61 0.00	47.28 -1.36 0.00	51.04 0.05 0.00	55.90 0.66 0.00	65.91 2.11 0.00	74.39 2.17 0.00	99.75 3.47 0.00	107.05 2.61 0.00	114.85 4.10 0.00	140.26 4.35 0.00	164.61 0.66 0.00	162.50 4.58 0.00	136.56 8.45 0.00	132.94 6.81 0.00	101.96 3.54 0.00	77.26 1.59 0.00	65.22 1.28 0.00
HOWARD_WT_PWR 323690	50.48 0.75 0.00	43.93 0.73 0.00	40.22 0.32 0.00	35.98 -0.14 0.00	35.84 -0.14 0.00	39.22 0.00 0.00	44.06 0.22 0.00	47.17 -0.05 0.00	48.45 -0.19 0.00	51.70 0.71 0.00	56.62 1.38 0.00	66.81 3.00 0.00	75.12 2.89 0.00	100.51 4.23 0.00	108.31 3.87 0.00	116.18 5.43 0.00	141.89 5.97 0.00	170.38 4.26 -2.17	172.63 8.21 -6.51	146.29 11.28 -6.91	140.26 9.84 -4.29	105.99 5.61 -1.97	78.92 3.25 0.00	66.51 2.56 0.00
HQ_GEN_CEDARS 23644	50.98 1.24 0.00	44.32 1.12 0.00	40.90 1.00 0.00	37.10 0.98 0.00	36.88 0.90 0.00	40.24 1.02 0.00	44.98 1.14 0.00	48.49 1.27 0.00	49.71 1.07 0.00	52.16 1.17 0.00	56.56 1.33 0.00	65.15 1.34 0.00	73.96 1.73 0.00	96.76 0.48 0.00	103.92 -0.52 0.00	108.87 -1.88 0.00	132.38 -3.53 0.00	159.86 -4.10 0.00	154.13 -3.79 0.00	124.77 -3.33 0.00	124.36 -1.77 0.00	98.22 -0.20 0.00	96.69 2.19 -18.82	96.69 1.98 -30.76
HQ_GEN_CEDARS_PROXY 323590	50.98 1.24 0.00	44.32 1.12 0.00	40.90 1.00 0.00	37.10 0.98 0.00	36.88 0.90 0.00	40.23 1.02 0.00	44.98 1.14 0.00	48.40 1.18 0.00	49.71 1.07 0.00	52.16 1.17 0.00	56.56 1.32 0.00	65.15 1.34 0.00	74.03 1.81 0.00	96.67 0.39 0.00	103.92 -0.52 0.00	108.87 -1.88 0.00	132.91 -3.53 -0.53	159.33 -4.09 0.53	154.13 -3.79 0.00	124.77 -3.33 0.00	117.74 -1.77 6.62	104.93 -0.10 -6.62	96.69 2.20 -18.82	96.69 1.98 -30.76

HQ_GEN_IMPORT 323601	49.99 0.25 0.00	43.46 0.26 0.00	40.14 0.24 0.00	36.38 0.25 0.00	36.20 0.22 0.00	39.45 0.24 0.00	44.15 0.31 0.00	47.50 0.29 0.00	48.88 0.24 0.00	51.24 0.26 0.00	55.57 0.33 0.00	64.13 0.32 0.00	72.73 0.51 0.00	96.38 0.10 0.00	106.88 -0.21 -2.64	106.89 -1.22 2.64	134.00 -2.44 -0.53	160.31 -3.12 0.53	154.91 -3.01 0.00	120.40 -2.94 4.76	120.39 -1.64 4.10	106.88 -0.39 -8.86	75.61 0.53 0.60	63.42 0.45 0.98
HQ_GEN_WHEEL 23651	49.99 0.25 0.00	43.46 0.26 0.00	40.14 0.24 0.00	36.38 0.25 0.00	36.20 0.22 0.00	39.45 0.24 0.00	44.15 0.31 0.00	47.50 0.29 0.00	48.88 0.24 0.00	51.24 0.26 0.00	55.57 0.33 0.00	64.13 0.32 0.00	72.73 0.51 0.00	96.38 0.10 0.00	106.88 -0.21 -2.64	106.89 -1.22 2.64	134.00 -2.44 -0.53	160.31 -3.12 0.53	154.91 -3.01 0.00	120.40 -2.94 4.76	120.39 -1.64 4.10	106.88 -0.39 -8.86	75.61 0.53 0.60	63.42 0.45 0.98
HUDSON AVE_GT_3 23810	51.23 1.49 0.00	44.53 1.34 0.00	41.22 1.32 0.00	37.28 1.16 0.00	37.17 1.19 0.00	40.59 1.37 0.00	45.55 1.71 0.00	49.11 1.89 0.00	51.07 2.43 0.00	53.44 2.45 0.00	57.67 2.43 0.00	66.17 2.36 0.00	74.68 2.46 0.00	100.04 3.76 0.00	108.83 4.39 0.00	117.28 6.53 0.00	146.11 10.19 0.00	185.71 13.44 -8.31	193.90 11.05 -24.93	162.80 8.20 -26.50	148.48 5.93 -16.42	108.62 2.66 -7.56	76.88 1.21 0.00	65.16 1.21 0.00
HUDSON AVE_GT_4 23540	51.23 1.49 0.00	44.53 1.34 0.00	41.22 1.32 0.00	37.28 1.16 0.00	37.17 1.19 0.00	40.59 1.37 0.00	45.55 1.71 0.00	49.11 1.89 0.00	51.07 2.43 0.00	53.44 2.45 0.00	57.67 2.43 0.00	66.17 2.36 0.00	74.68 2.46 0.00	100.04 3.76 0.00	108.83 4.39 0.00	117.28 6.53 0.00	146.11 10.19 0.00	185.71 13.44 -8.31	193.90 11.05 -24.93	162.80 8.20 -26.50	148.48 5.93 -16.42	108.62 2.66 -7.56	76.88 1.21 0.00	65.16 1.21 0.00
HUDSON AVE_GT_5 23657	51.23 1.49 0.00	44.53 1.34 0.00	41.22 1.32 0.00	37.28 1.16 0.00	37.17 1.19 0.00	40.59 1.37 0.00	45.55 1.71 0.00	49.11 1.89 0.00	51.07 2.43 0.00	53.44 2.45 0.00	57.67 2.43 0.00	66.17 2.36 0.00	74.68 2.46 0.00	100.04 3.76 0.00	108.83 4.39 0.00	117.28 6.53 0.00	146.11 10.19 0.00	185.71 13.44 -8.31	193.90 11.05 -24.93	162.80 8.20 -26.50	148.48 5.93 -16.42	108.62 2.66 -7.56	76.88 1.21 0.00	65.16 1.21 0.00
HUDSON_AVE_10 24168	51.08 1.34 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.21 1.08 0.00	37.09 1.12 0.00	40.55 1.33 0.00	45.51 1.67 0.00	49.06 1.84 0.00	51.02 2.38 0.00	53.38 2.40 0.00	57.50 2.26 0.00	66.04 2.23 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.62 4.18 0.00	117.41 6.20 -0.46	145.83 9.92 0.00	187.70 13.28 -10.46	195.90 10.74 -27.24	164.28 8.07 -28.10	148.23 5.68 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
HUDSON___115KV_TB 4 355613	51.43 1.69 0.00	44.66 1.47 0.00	41.26 1.36 0.00	37.35 1.23 0.00	37.24 1.26 0.00	40.59 1.37 0.00	45.33 1.49 0.00	48.73 1.51 0.00	49.76 1.12 0.00	51.60 0.61 0.00	55.57 0.33 0.00	64.13 0.32 0.00	72.51 0.29 0.00	96.46 1.25 1.07	103.29 1.98 3.14	109.30 3.43 4.88	136.50 5.84 5.26	183.02 8.36 -10.70	234.20 6.63 -69.65	215.79 5.25 -82.43	178.97 4.41 -48.42	126.09 2.95 -24.72	77.64 1.97 0.00	65.67 1.73 0.00
HUNTER MOUNT___DRP 323613	51.53 1.79 0.00	44.71 1.51 0.00	41.30 1.40 0.00	37.39 1.26 0.00	37.24 1.26 0.00	40.63 1.41 0.00	45.38 1.53 0.00	48.78 1.56 0.00	49.76 1.12 0.00	51.55 0.56 0.00	55.51 0.28 0.00	64.06 0.26 0.00	72.51 0.29 0.00	96.36 1.64 1.56	102.48 2.61 4.57	107.63 3.99 7.10	134.79 6.52 7.65	166.68 9.51 6.78	199.00 6.79 -34.29	182.16 5.38 -48.67	156.95 4.54 -26.28	117.21 3.15 -15.65	77.94 2.27 0.00	65.93 1.98 0.00
HUNTINGTON_RES_REC 323705	50.88 1.14 0.00	43.93 0.73 0.00	40.46 0.56 0.00	36.70 0.58 0.00	36.63 0.65 0.00	39.88 0.67 0.00	44.63 0.79 0.00	47.64 0.42 0.00	50.20 1.56 0.00	52.41 1.43 0.00	57.61 2.37 0.00	65.46 1.66 0.00	70.04 0.07 2.26	81.87 1.06 15.48	95.54 1.57 10.47	113.70 3.77 0.82	142.29 6.39 0.01	178.97 10.50 -4.51	185.38 6.63 -20.83	131.69 4.10 0.52	96.11 2.14 32.16	75.98 0.00 22.44	69.48 -1.06 5.13	64.91 0.96 0.00
HUNTLEY___63 23557	50.18 0.45 0.00	43.80 0.60 0.00	39.90 0.00 0.00	35.62 -0.51 0.00	35.40 -0.58 0.00	38.47 -0.75 0.00	42.92 -0.92 0.00	45.85 -1.37 0.00	47.57 -1.07 0.00	51.75 0.76 0.00	56.84 1.60 0.00	67.12 3.32 0.00	75.69 3.47 0.00	101.19 4.91 0.00	108.10 3.66 0.00	116.07 5.32 0.00	141.08 5.16 0.00	164.12 0.16 0.00	162.18 4.26 0.00	137.07 8.97 0.00	133.70 7.57 0.00	102.64 4.23 0.00	77.79 2.12 0.00	65.93 1.98 0.00
HUNTLEY___64 23558	50.18 0.45 0.00	43.80 0.60 0.00	39.90 0.00 0.00	35.62 -0.51 0.00	35.40 -0.58 0.00	38.47 -0.75 0.00	42.92 -0.92 0.00	45.85 -1.37 0.00	47.57 -1.07 0.00	51.75 0.76 0.00	56.84 1.60 0.00	67.12 3.32 0.00	75.69 3.47 0.00	101.19 4.91 0.00	108.10 3.66 0.00	116.07 5.32 0.00	141.08 5.16 0.00	164.12 0.16 0.00	162.18 4.26 0.00	137.07 8.97 0.00	133.70 7.57 0.00	102.64 4.23 0.00	77.79 2.12 0.00	65.93 1.98 0.00
HUNTLEY___65 23559	50.18 0.45 0.00	43.80 0.60 0.00	39.90 0.00 0.00	35.62 -0.51 0.00	35.40 -0.58 0.00	38.47 -0.75 0.00	42.92 -0.92 0.00	45.85 -1.37 0.00	47.57 -1.07 0.00	51.75 0.76 0.00	56.84 1.60 0.00	67.12 3.32 0.00	75.69 3.47 0.00	101.19 4.91 0.00	108.10 3.66 0.00	116.07 5.32 0.00	141.08 5.16 0.00	164.12 0.16 0.00	162.18 4.26 0.00	137.07 8.97 0.00	133.70 7.57 0.00	102.64 4.23 0.00	77.79 2.12 0.00	65.93 1.98 0.00
HUNTLEY___66 23560	50.18 0.45 0.00	43.80 0.60 0.00	39.90 0.00 0.00	35.62 -0.51 0.00	35.40 -0.58 0.00	38.47 -0.75 0.00	42.92 -0.92 0.00	45.85 -1.37 0.00	47.57 -1.07 0.00	51.75 0.76 0.00	56.84 1.60 0.00	67.12 3.32 0.00	75.69 3.47 0.00	101.19 4.91 0.00	108.10 3.66 0.00	116.07 5.32 0.00	141.08 5.16 0.00	164.12 0.16 0.00	162.18 4.26 0.00	137.07 8.97 0.00	133.70 7.57 0.00	102.64 4.23 0.00	77.79 2.12 0.00	65.93 1.98 0.00
HUNTLEY___67 23561	49.69 -0.05 0.00	43.41 0.22 0.00	39.66 -0.24 0.00	35.37 -0.76 0.00	35.12 -0.86 0.00	38.24 -0.98 0.00	42.70 -1.14 0.00	45.57 -1.65 0.00	47.28 -1.36 0.00	51.34 0.36 0.00	56.45 1.22 0.00	66.81 3.00 0.00	75.26 3.03 0.00	100.62 4.33 0.00	107.79 3.34 0.00	115.62 4.87 0.00	140.53 4.62 0.00	163.63 -0.33 0.00	161.55 3.63 0.00	136.43 8.33 0.00	133.19 7.06 0.00	102.15 3.74 0.00	77.41 1.74 0.00	65.42 1.47 0.00
HUNTLEY___68 23562	49.69 -0.05 0.00	43.41 0.22 0.00	39.66 -0.24 0.00	35.37 -0.76 0.00	35.12 -0.86 0.00	38.24 -0.98 0.00	42.70 -1.14 0.00	45.57 -1.65 0.00	47.28 -1.36 0.00	51.34 0.36 0.00	56.45 1.22 0.00	66.81 3.00 0.00	75.26 3.03 0.00	100.62 4.33 0.00	107.79 3.34 0.00	115.62 4.87 0.00	140.53 4.62 0.00	163.63 -0.33 0.00	161.55 3.63 0.00	136.43 8.33 0.00	133.19 7.06 0.00	102.15 3.74 0.00	77.41 1.74 0.00	65.42 1.47 0.00

HYLAND___LFGE 323620	52.92 3.19 0.00	45.79 2.59 0.00	42.01 2.11 0.00	37.61 1.48 0.00	37.31 1.33 0.00	40.86 1.65 0.00	45.64 1.80 0.00	48.68 1.47 0.00	49.18 0.54 0.00	50.53 -0.46 0.00	54.57 -0.66 0.00	64.13 0.32 0.00	72.01 -0.22 0.00	91.27 -5.01 0.00	99.54 -4.91 0.00	107.10 -3.65 0.00	132.25 -3.66 0.00	158.38 -5.58 0.00	159.33 1.42 0.00	135.02 6.91 0.00	132.94 6.81 0.00	101.47 3.05 0.00	80.37 4.69 0.00	67.33 3.39 0.00
INDECK___CORINTH 23802	51.43 1.69 0.00	44.62 1.42 0.00	41.30 1.40 0.00	37.31 1.19 0.00	37.24 1.26 0.00	40.67 1.45 0.00	45.29 1.44 0.00	48.82 1.61 0.00	49.86 1.22 0.00	51.60 0.61 0.00	55.12 -0.11 0.00	63.62 -0.19 0.00	72.01 -0.22 0.00	96.67 0.39 0.00	105.70 1.26 0.00	113.63 2.87 0.00	141.21 5.30 0.00	257.66 8.03 -85.67	424.24 9.31 -257.01	408.97 7.69 -273.18	302.91 7.44 -169.34	181.62 5.31 -77.90	79.00 3.33 0.00	66.44 2.49 0.00
INDECK___ILION 23567	49.74 0.00 0.00	43.15 -0.04 0.00	39.82 -0.08 0.00	36.05 -0.07 0.00	35.94 -0.04 0.00	39.18 -0.04 0.00	43.84 0.00 0.00	47.22 0.00 0.00	48.64 0.00 0.00	50.89 -0.10 0.00	55.07 -0.17 0.00	63.62 -0.19 0.00	72.01 -0.22 0.00	96.28 0.00 0.00	104.55 0.10 0.00	111.19 0.44 0.00	136.73 0.82 0.00	165.43 1.48 0.00	159.34 1.42 0.00	129.26 1.15 0.00	126.76 0.63 0.00	98.71 0.30 0.00	75.52 -0.15 0.00	63.88 -0.06 0.00
INDECK___OLEAN 23982	49.29 -0.45 0.00	42.85 -0.35 0.00	39.22 -0.68 0.00	35.08 -1.05 0.00	34.86 -1.12 0.00	38.12 -1.10 0.00	42.75 -1.09 0.00	45.75 -1.46 0.00	47.38 -1.26 0.00	51.14 0.15 0.00	56.01 0.77 0.00	66.42 2.62 0.00	74.39 2.16 0.00	99.85 3.56 0.00	107.06 2.61 0.00	114.85 4.10 0.00	140.26 4.35 0.00	164.61 0.66 0.00	162.33 4.42 0.00	136.56 8.45 0.00	132.81 6.68 0.00	101.76 3.35 0.00	77.26 1.59 0.00	65.48 1.53 0.00
INDECK___OSWEGO 23783	48.74 -0.99 0.00	42.29 -0.91 0.00	38.98 -0.92 0.00	35.18 -0.94 0.00	35.04 -0.94 0.00	38.24 -0.98 0.00	42.79 -1.05 0.00	46.18 -1.04 0.00	47.52 -1.12 0.00	49.91 -1.07 0.00	53.69 -1.55 0.00	62.15 -1.66 0.00	70.28 -1.95 0.00	93.88 -2.40 0.00	101.94 -2.51 0.00	108.54 -2.21 0.00	133.33 -2.59 0.00	160.84 -3.12 0.00	155.55 -2.36 0.00	127.07 -1.03 0.00	124.49 -1.64 0.00	96.64 -1.77 0.00	74.26 -1.89 -0.48	63.06 -1.66 -0.78
INDECK___YERKES 23781	50.13 0.40 0.00	43.84 0.65 0.00	40.06 0.16 0.00	35.58 -0.54 0.00	35.37 -0.61 0.00	38.51 -0.70 0.00	42.97 -0.88 0.00	46.04 -1.18 0.00	47.77 -0.87 0.00	51.95 0.97 0.00	57.05 1.82 0.00	67.64 3.83 0.00	75.69 3.47 0.00	101.29 5.00 0.00	108.10 3.65 0.00	116.07 5.32 0.00	141.08 5.16 0.00	164.12 0.16 0.00	162.18 4.27 0.00	137.20 9.10 0.00	133.57 7.44 0.00	102.35 3.94 0.00	77.79 2.12 0.00	65.99 2.05 0.00
INDIAN POINT_GT_1 24139	50.78 1.04 0.00	44.15 0.95 0.00	40.82 0.92 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.24 1.02 0.00	45.07 1.23 0.00	48.54 1.32 0.00	50.34 1.70 0.00	52.67 1.68 0.00	56.89 1.66 0.00	65.40 1.60 0.00	73.81 1.59 0.00	98.98 2.70 0.00	107.68 3.24 0.00	115.85 5.09 0.00	144.07 8.15 0.00	183.16 10.99 -8.22	191.43 8.84 -24.67	160.86 6.53 -26.22	146.92 4.54 -16.25	107.86 1.97 -7.48	76.43 0.76 0.00	64.78 0.83 0.00
INDIAN POINT_GT_2 23659	50.78 1.04 0.00	44.15 0.95 0.00	40.82 0.92 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.24 1.02 0.00	45.07 1.23 0.00	48.54 1.32 0.00	50.34 1.70 0.00	52.67 1.68 0.00	56.89 1.66 0.00	65.40 1.60 0.00	73.81 1.59 0.00	98.98 2.70 0.00	107.68 3.24 0.00	115.85 5.09 0.00	144.07 8.15 0.00	183.16 10.99 -8.22	191.43 8.84 -24.67	160.86 6.53 -26.22	146.92 4.54 -16.25	107.86 1.97 -7.48	76.43 0.76 0.00	64.78 0.83 0.00
INDIAN POINT_GT_3 24019	50.78 1.04 0.00	44.15 0.95 0.00	40.82 0.92 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.24 1.02 0.00	45.07 1.23 0.00	48.54 1.32 0.00	50.34 1.70 0.00	52.67 1.68 0.00	56.89 1.66 0.00	65.40 1.60 0.00	73.81 1.59 0.00	98.98 2.70 0.00	107.68 3.24 0.00	115.85 5.09 0.00	144.07 8.15 0.00	183.16 10.99 -8.22	191.43 8.84 -24.67	160.86 6.53 -26.22	146.92 4.54 -16.25	107.86 1.97 -7.48	76.43 0.76 0.00	64.78 0.83 0.00
INDIAN POINT___2 23530	50.73 0.99 0.00	44.06 0.86 0.00	40.78 0.88 0.00	36.96 0.83 0.00	36.84 0.86 0.00	40.20 0.98 0.00	45.03 1.18 0.00	48.49 1.28 0.00	50.24 1.60 0.00	52.57 1.58 0.00	56.78 1.54 0.00	65.21 1.40 0.00	73.67 1.44 0.00	98.78 2.50 0.00	107.57 3.13 0.00	115.62 4.87 0.00	143.79 7.88 0.00	182.70 10.65 -8.10	190.72 8.52 -24.29	160.19 6.28 -25.81	146.42 4.29 -16.00	107.55 1.77 -7.36	76.27 0.60 0.00	64.72 0.77 0.00
INDIAN POINT___3 23531	50.73 0.99 0.00	44.10 0.91 0.00	40.78 0.88 0.00	36.96 0.83 0.00	36.84 0.86 0.00	40.20 0.98 0.00	45.03 1.18 0.00	48.49 1.27 0.00	50.29 1.65 0.00	52.62 1.63 0.00	56.84 1.60 0.00	65.34 1.53 0.00	73.67 1.44 0.00	98.69 2.41 0.00	107.47 3.03 0.00	115.62 4.87 0.00	143.79 7.88 0.00	182.84 10.66 -8.23	191.12 8.53 -24.68	160.61 6.28 -26.23	146.68 4.29 -16.26	107.66 1.77 -7.48	76.28 0.61 0.00	64.71 0.77 0.00
INGHAM_C_115KV_TB7 356103	49.44 -0.30 0.00	42.85 -0.35 0.00	39.54 -0.36 0.00	35.80 -0.33 0.00	35.69 -0.29 0.00	38.90 -0.31 0.00	43.54 -0.31 0.00	46.93 -0.28 0.00	48.35 -0.29 0.00	50.48 -0.51 0.00	54.63 -0.61 0.00	63.11 -0.70 0.00	71.43 -0.79 0.00	95.51 -0.77 0.00	103.71 -0.73 0.00	110.42 -0.33 0.00	135.64 -0.27 0.00	164.12 0.16 0.00	158.23 0.32 0.00	128.49 0.38 0.00	125.88 -0.25 0.00	98.02 -0.39 0.00	75.07 -0.61 0.00	63.43 -0.51 0.00
IP CORINTH___1 23988	51.73 1.99 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.50 1.37 0.00	37.42 1.44 0.00	40.90 1.69 0.00	45.55 1.71 0.00	49.06 1.84 0.00	50.15 1.51 0.00	51.91 0.92 0.00	55.46 0.22 0.00	64.06 0.26 0.00	72.44 0.22 0.00	97.25 0.96 0.00	106.32 1.88 0.00	114.29 3.54 0.00	142.03 6.12 0.00	258.64 9.02 -85.67	425.19 10.26 -257.01	409.74 8.45 -273.18	303.67 8.20 -169.34	182.22 5.90 -77.90	79.46 3.78 0.00	66.82 2.88 0.00
IP___TICONDEROGA 23804	54.26 4.53 0.00	47.08 3.89 0.00	43.45 3.55 0.00	39.12 3.00 0.00	39.04 3.06 0.00	42.78 3.57 0.00	47.66 3.81 0.00	51.28 4.06 0.00	52.04 3.40 0.00	53.64 2.65 0.00	57.39 2.15 0.00	66.36 2.55 0.00	75.04 2.82 0.00	101.00 4.72 0.00	110.71 6.27 0.00	119.28 8.53 0.00	148.82 12.91 0.00	266.70 17.87 -84.87	432.28 19.74 -254.62	415.40 16.65 -270.64	310.42 16.52 -167.77	188.09 12.50 -77.18	84.22 8.55 0.00	70.53 6.59 0.00
ISLIP_RES_REC 323679	51.28 1.54 0.00	44.23 1.03 0.00	40.70 0.80 0.00	36.99 0.87 0.00	36.91 0.93 0.00	40.16 0.94 0.00	44.94 1.10 0.00	47.88 0.66 0.00	50.49 1.85 0.00	52.77 1.78 0.00	58.11 2.87 0.00	66.17 2.36 0.00	71.06 1.08 2.25	83.34 2.50 10.45	97.03 3.03 10.45	115.47 5.54 0.81	144.20 8.29 0.01	181.45 12.95 -4.54	187.62 8.84 -20.86	133.44 5.77 0.44	97.99 3.91 32.05	77.42 1.38 22.37	70.56 0.00 5.12	65.61 1.66 0.00

JAMAICA__27_KV_LOAD 355505	51.43 1.69 0.00	44.84 1.64 0.00	41.46 1.56 0.00	37.42 1.30 0.00	37.31 1.33 0.00	40.86 1.65 0.00	45.95 2.10 0.00	49.48 2.27 0.00	51.51 2.87 0.00	53.94 2.96 0.00	57.89 2.65 0.00	66.49 2.68 0.00	75.04 2.82 0.00	100.52 4.24 0.00	109.46 5.01 0.00	118.53 7.20 -0.58	147.33 11.42 0.00	189.90 14.92 -11.03	198.25 12.48 -27.85	166.24 9.61 -28.53	149.62 7.06 -16.42	109.22 3.25 -7.56	77.56 1.89 0.00	65.61 1.66 0.00
JANIS__SOLAR 323808	51.98 2.24 0.00	44.97 1.77 0.00	41.38 1.48 0.00	37.25 1.12 0.00	37.10 1.12 0.00	40.59 1.37 0.00	45.60 1.76 0.00	49.11 1.89 0.00	50.10 1.46 0.00	52.21 1.22 0.00	56.51 1.27 0.00	65.66 1.85 0.00	74.18 1.95 0.00	99.65 3.37 0.00	108.20 3.75 0.00	115.85 5.10 0.00	142.98 7.06 0.00	178.08 10.00 -4.12	182.91 12.64 -12.35	154.04 12.81 -13.13	145.63 11.36 -8.14	109.54 7.38 -3.74	80.06 4.39 0.00	67.40 3.45 0.00
JARVIS____ 23743	49.79 0.05 0.00	43.20 0.00 0.00	39.90 0.00 0.00	36.12 0.00 0.00	36.02 0.04 0.00	39.22 0.00 0.00	43.84 0.00 0.00	47.27 0.05 0.00	48.69 0.05 0.00	50.99 0.00 0.00	55.18 -0.06 0.00	63.74 -0.06 0.00	72.15 -0.07 0.00	96.28 0.00 0.00	104.55 0.10 0.00	111.20 0.44 0.00	136.87 0.96 0.00	165.26 1.31 0.00	159.17 1.26 0.00	129.12 1.02 0.00	126.76 0.63 0.00	98.61 0.20 0.00	75.60 -0.08 0.00	63.88 -0.06 0.00
JENNISON____1 23625	52.12 2.39 0.00	45.10 1.90 0.00	41.54 1.64 0.00	37.46 1.34 0.00	37.27 1.30 0.00	40.75 1.53 0.00	45.77 1.93 0.00	49.34 2.12 0.00	50.63 1.99 0.00	52.93 1.94 0.00	57.39 2.15 0.00	66.68 2.87 0.00	75.55 3.32 0.00	101.39 5.10 0.00	110.19 5.74 0.00	117.84 7.09 0.00	145.15 9.24 0.00	182.29 11.64 -6.69	191.26 13.26 -20.08	162.13 12.68 -21.35	150.34 10.97 -13.23	111.78 7.28 -6.09	79.99 4.31 0.00	67.40 3.45 0.00
JENNISON____2 23626	52.12 2.39 0.00	45.10 1.90 0.00	41.54 1.64 0.00	37.46 1.34 0.00	37.27 1.30 0.00	40.75 1.53 0.00	45.77 1.93 0.00	49.34 2.12 0.00	50.63 1.99 0.00	52.93 1.94 0.00	57.39 2.15 0.00	66.68 2.87 0.00	75.55 3.32 0.00	101.39 5.10 0.00	110.19 5.74 0.00	117.84 7.09 0.00	145.15 9.24 0.00	182.29 11.64 -6.69	191.26 13.26 -20.08	162.13 12.68 -21.35	150.34 10.97 -13.23	111.78 7.28 -6.09	79.99 4.31 0.00	67.40 3.45 0.00
JERICOHO_RISE_WT_PWR 323719	49.84 0.10 0.00	43.41 0.22 0.00	40.10 0.20 0.00	36.41 0.29 0.00	36.27 0.29 0.00	39.57 0.35 0.00	44.24 0.39 0.00	47.55 0.33 0.00	48.93 0.29 0.00	51.39 0.41 0.00	55.79 0.55 0.00	64.32 0.51 0.00	73.02 0.80 0.00	96.19 -0.10 0.00	103.92 -0.52 0.00	108.76 -1.99 0.00	132.38 -3.53 0.00	159.69 -4.26 0.00	153.81 -4.11 0.00	124.26 -3.84 0.00	123.86 -2.27 0.00	97.73 -0.68 0.00	77.71 0.76 -1.29	66.56 0.51 -2.10
KATONAH__115KV_46KV_TB4 355592	51.13 1.39 0.00	44.41 1.21 0.00	41.06 1.16 0.00	37.21 1.08 0.00	37.09 1.12 0.00	40.47 1.25 0.00	45.33 1.49 0.00	48.78 1.56 0.00	50.59 1.95 0.00	52.87 1.89 0.00	57.22 1.99 0.00	65.91 2.11 0.00	74.46 2.24 0.00	100.04 3.76 0.00	108.93 4.49 0.00	116.95 6.20 0.00	145.56 9.65 0.00	185.21 12.79 -8.46	194.05 10.74 -25.39	162.91 7.81 -26.99	148.41 5.55 -16.73	108.96 2.85 -7.70	76.96 1.29 0.00	65.22 1.28 0.00
KCE_NY_1 323755	51.87 2.14 0.00	45.01 1.81 0.00	41.61 1.71 0.00	37.64 1.52 0.00	37.53 1.55 0.00	40.98 1.77 0.00	45.69 1.84 0.00	49.20 1.98 0.00	50.39 1.75 0.00	52.26 1.28 0.00	56.17 0.94 0.00	64.82 1.02 0.00	73.38 1.15 0.00	98.50 2.22 0.00	107.47 3.03 0.00	115.40 4.65 0.00	143.11 7.20 0.00	257.71 10.00 -83.75	419.13 9.95 -251.26	403.37 8.21 -267.06	299.12 7.44 -165.55	179.88 5.31 -76.16	79.16 3.48 0.00	66.69 2.75 0.00
KCE_NY_6_ESR 323823	50.33 0.60 0.00	43.80 0.60 0.00	40.02 0.12 0.00	35.69 -0.43 0.00	35.48 -0.50 0.00	38.67 -0.55 0.00	43.23 -0.61 0.00	46.32 -0.90 0.00	48.06 -0.58 0.00	52.16 1.17 0.00	57.28 2.04 0.00	68.21 4.40 0.00	76.34 4.11 0.00	102.25 5.97 0.00	109.46 5.01 0.00	117.62 6.87 0.00	143.11 7.20 0.00	166.91 2.95 0.00	164.86 6.94 0.00	139.12 11.02 0.00	135.46 9.33 0.00	103.62 5.21 0.00	78.70 3.03 0.00	66.63 2.69 0.00
KEDC_PORT_JEFF_GT2 24210	50.98 1.24 0.00	43.97 0.78 0.00	40.50 0.60 0.00	36.78 0.65 0.00	36.70 0.72 0.00	39.92 0.71 0.00	44.68 0.83 0.00	47.36 0.14 0.00	49.90 1.26 0.00	52.11 1.12 0.00	57.33 2.10 0.00	65.15 1.34 0.00	69.88 -0.07 2.27	81.58 0.86 15.57	95.17 1.26 10.53	113.02 3.10 0.82	140.94 5.03 0.01	177.46 9.01 -4.49	183.78 5.05 -20.81	130.12 2.69 0.67	95.57 1.89 32.45	75.90 0.10 22.62	69.76 -0.76 5.16	65.03 1.09 0.00
KEDC_PORT_JEFF_GT3 24211	50.98 1.24 0.00	43.97 0.78 0.00	40.50 0.60 0.00	36.78 0.65 0.00	36.70 0.72 0.00	39.92 0.71 0.00	44.68 0.83 0.00	47.36 0.14 0.00	49.90 1.26 0.00	52.11 1.12 0.00	57.33 2.10 0.00	65.15 1.34 0.00	69.88 -0.07 2.27	81.58 0.86 15.57	95.17 1.26 10.53	113.02 3.10 0.82	140.94 5.03 0.01	177.46 9.01 -4.49	183.78 5.05 -20.81	130.12 2.69 0.67	95.57 1.89 32.45	75.90 0.10 22.62	69.76 -0.76 5.16	65.03 1.09 0.00
KEDC_GLWD_GT4 24219	51.28 1.54 0.00	44.45 1.25 0.00	41.02 1.12 0.00	37.17 1.05 0.00	37.06 1.08 0.00	40.43 1.22 0.00	45.29 1.44 0.00	48.68 1.47 0.00	50.83 2.19 0.00	53.18 2.19 0.00	58.00 2.76 0.00	65.85 2.04 0.00	73.13 1.66 0.75	94.11 2.99 5.16	104.51 3.55 3.49	116.39 5.65 0.00	144.88 8.97 0.00	184.72 12.45 -8.31	192.48 9.63 -24.93	153.46 6.91 -18.44	130.89 4.53 -0.23	97.83 1.87 2.44	74.34 0.38 1.71	64.97 1.02 0.00
KEDC_GLWD_GT5 24220	51.28 1.54 0.00	44.45 1.25 0.00	41.02 1.12 0.00	37.17 1.05 0.00	37.06 1.08 0.00	40.43 1.22 0.00	45.29 1.44 0.00	48.68 1.47 0.00	50.83 2.19 0.00	53.18 2.19 0.00	58.00 2.76 0.00	65.85 2.04 0.00	73.13 1.66 0.75	94.11 2.99 5.16	104.51 3.55 3.49	116.39 5.65 0.00	144.88 8.97 0.00	184.72 12.45 -8.31	192.48 9.63 -24.93	153.46 6.91 -18.44	130.89 4.53 -0.23	97.83 1.87 2.44	74.34 0.38 1.71	64.97 1.02 0.00
KENSICO____ 23655	50.93 1.19 0.00	44.28 1.08 0.00	40.98 1.08 0.00	37.10 0.98 0.00	36.99 1.01 0.00	40.35 1.14 0.00	45.20 1.36 0.00	48.73 1.51 0.00	50.59 1.95 0.00	52.93 1.94 0.00	57.17 1.93 0.00	65.72 1.91 0.00	74.10 1.88 0.00	99.36 3.08 0.00	108.10 3.66 0.00	116.29 5.54 0.00	144.75 8.83 0.00	184.05 11.80 -8.29	192.27 9.47 -24.88	161.60 7.05 -26.45	147.57 5.05 -16.39	108.22 2.26 -7.54	76.58 0.91 0.00	64.97 1.02 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.23 1.49 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.02 1.04 0.00	40.43 1.22 0.00	45.29 1.45 0.00	48.82 1.61 0.00	50.54 1.90 0.00	52.77 1.78 0.00	57.06 1.82 0.00	65.66 1.85 0.00	74.25 2.02 0.00	99.27 3.18 0.19	108.08 4.18 0.54	115.67 5.76 0.84	144.11 9.11 0.91	181.98 12.46 -5.57	191.84 10.74 -23.19	162.40 8.20 -26.09	148.15 6.31 -15.71	109.61 3.54 -7.65	77.49 1.82 0.00	65.48 1.53 0.00

KIAC_JFK_GT1 23816	50.93 1.19 0.00	44.58 1.38 0.00	41.22 1.32 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.63 1.41 0.00	45.64 1.80 0.00	49.01 1.79 0.00	51.07 2.43 0.00	53.44 2.45 0.00	57.33 2.10 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.56 3.27 0.00	108.31 3.86 0.00	117.31 5.98 -0.58	145.83 9.92 0.00	188.10 13.12 -11.03	196.51 10.74 -27.85	164.57 7.94 -28.53	148.10 5.55 -16.42	108.13 2.17 -7.56	76.73 1.06 0.00	64.97 1.02 0.00
KIAC_JFK_GT2 23817	50.93 1.19 0.00	44.58 1.38 0.00	41.22 1.32 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.63 1.41 0.00	45.64 1.80 0.00	49.01 1.79 0.00	51.07 2.43 0.00	53.44 2.45 0.00	57.33 2.10 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.56 3.27 0.00	108.31 3.86 0.00	117.31 5.98 -0.58	145.83 9.92 0.00	188.10 13.12 -11.03	196.51 10.74 -27.85	164.57 7.94 -28.53	148.10 5.55 -16.42	108.13 2.17 -7.56	76.73 1.06 0.00	64.97 1.02 0.00
KIAC_JFK____ 323774	50.93 1.19 0.00	44.58 1.38 0.00	41.21 1.31 0.00	37.25 1.12 0.00	37.13 1.15 0.00	40.63 1.41 0.00	45.64 1.80 0.00	49.06 1.84 0.00	51.02 2.38 0.00	53.38 2.40 0.00	57.28 2.04 0.00	65.66 1.85 0.00	74.24 2.02 0.00	99.65 3.37 0.00	108.41 3.97 0.00	117.31 5.98 -0.58	145.83 9.92 0.00	188.10 13.12 -11.03	196.51 10.74 -27.85	164.58 7.95 -28.53	148.10 5.54 -16.42	108.13 2.16 -7.56	76.73 1.06 0.00	64.91 0.96 0.00
KINTIGH__24_KV_GSU 356498	49.44 -0.30 0.00	43.15 -0.04 0.00	39.54 -0.36 0.00	35.33 -0.79 0.00	35.08 -0.90 0.00	38.16 -1.06 0.00	42.62 -1.23 0.00	45.61 -1.61 0.00	47.23 -1.41 0.00	51.04 0.05 0.00	56.01 0.77 0.00	66.29 2.49 0.00	74.24 2.02 0.00	99.27 2.99 0.00	106.64 2.20 0.00	114.19 3.44 0.00	139.04 3.13 0.00	162.64 -1.32 0.00	159.82 1.90 0.00	134.38 6.28 0.00	131.30 5.17 0.00	100.68 2.27 0.00	76.58 0.91 0.00	64.72 0.77 0.00
KINTIGH____ 23543	49.44 -0.30 0.00	43.15 -0.04 0.00	39.50 -0.40 0.00	35.33 -0.79 0.00	35.08 -0.90 0.00	38.16 -1.06 0.00	42.62 -1.23 0.00	45.52 -1.70 0.00	47.13 -1.51 0.00	50.94 -0.05 0.00	55.84 0.61 0.00	65.91 2.11 0.00	74.25 2.02 0.00	99.17 2.89 0.00	106.64 2.19 0.00	114.18 3.43 0.00	139.04 3.13 0.00	162.64 -1.31 0.00	159.81 1.89 0.00	134.38 6.28 0.00	131.43 5.30 0.00	100.87 2.46 0.00	76.50 0.83 0.00	64.58 0.64 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	50.23 0.50 0.00	43.93 0.73 0.00	40.54 0.64 0.00	36.85 0.72 0.00	36.66 0.68 0.00	40.00 0.78 0.00	44.77 0.92 0.00	48.30 1.09 0.00	49.27 0.63 0.00	51.80 0.82 0.00	56.23 0.99 0.00	64.76 0.96 0.00	73.52 1.30 0.00	96.76 0.48 0.00	104.55 0.10 0.00	109.53 -1.22 0.00	133.47 -2.45 0.00	161.17 -2.79 0.00	155.55 -2.37 0.00	125.93 -2.18 0.00	125.37 -0.76 0.00	98.71 0.30 0.00	77.26 1.59 0.00	65.16 1.21 0.00
LACHUTE____HYDRO 323717	54.26 4.53 0.00	47.08 3.89 0.00	43.45 3.55 0.00	39.12 3.00 0.00	39.04 3.06 0.00	42.78 3.57 0.00	47.66 3.81 0.00	51.32 4.11 0.00	51.99 3.35 0.00	53.64 2.65 0.00	57.39 2.15 0.00	66.36 2.55 0.00	75.04 2.81 0.00	101.09 4.81 0.00	110.71 6.27 0.00	119.28 8.53 0.00	148.83 12.92 0.00	266.70 17.87 -84.87	432.28 19.74 -254.62	415.39 16.65 -270.64	310.42 16.52 -167.77	187.99 12.40 -77.18	84.22 8.55 0.00	70.53 6.59 0.00
LAWRNCALV_115KV_TB1 80681	50.98 1.24 0.00	44.28 1.08 0.00	40.82 0.92 0.00	37.03 0.90 0.00	36.81 0.83 0.00	40.16 0.94 0.00	45.07 1.23 0.00	48.54 1.32 0.00	49.76 1.12 0.00	52.16 1.17 0.00	56.56 1.33 0.00	65.15 1.34 0.00	73.96 1.73 0.00	96.76 0.48 0.00	103.61 -0.84 0.00	107.76 -2.99 0.00	130.75 -5.16 0.00	158.22 -5.74 0.00	152.71 -5.21 0.00	123.75 -4.36 0.00	123.36 -2.77 0.00	97.62 -0.79 0.00	92.71 2.27 -14.76	90.25 2.17 -24.13
LEDERLE____ 23769	50.98 1.24 0.00	44.28 1.08 0.00	40.98 1.08 0.00	37.14 1.01 0.00	37.02 1.04 0.00	40.39 1.18 0.00	45.20 1.36 0.00	48.73 1.51 0.00	50.54 1.90 0.00	52.87 1.89 0.00	57.17 1.93 0.00	65.72 1.91 0.00	74.25 2.02 0.00	99.46 3.18 0.00	108.41 3.97 0.00	116.51 5.76 0.00	144.88 8.97 0.00	183.93 11.97 -8.00	191.72 9.79 -24.01	160.80 7.17 -25.52	147.12 5.17 -15.82	108.25 2.56 -7.28	76.81 1.14 0.00	65.10 1.15 0.00
LIGHTHSE_115KV_TB6 355974	50.03 0.30 0.00	43.28 0.09 0.00	39.86 -0.04 0.00	35.98 -0.14 0.00	35.80 -0.18 0.00	39.10 -0.12 0.00	43.84 0.00 0.00	47.36 0.14 0.00	48.69 0.05 0.00	51.04 0.05 0.00	55.18 -0.06 0.00	63.93 0.13 0.00	72.37 0.14 0.00	96.76 0.48 0.00	104.23 -0.21 0.00	111.08 0.33 0.00	136.18 0.27 0.00	164.94 0.98 0.00	160.13 2.21 0.00	131.43 3.33 0.00	128.65 2.52 0.00	99.59 1.18 0.00	77.75 0.98 -1.09	66.37 0.64 -1.78
LINDEN COGEN____ 23786	50.77 1.05 0.01	44.19 0.99 0.00	40.86 0.96 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.28 1.06 0.00	45.16 1.31 0.00	48.72 1.51 0.01	50.58 1.95 0.01	50.92 1.94 2.00	51.21 1.88 5.90	52.85 1.53 12.48	54.02 1.66 19.87	73.26 2.79 25.82	87.26 3.34 20.53	89.79 5.32 26.27	110.67 8.83 34.07	125.84 11.81 49.92	142.79 9.31 24.44	124.01 6.78 10.88	109.77 4.53 20.90	61.51 1.67 38.57	60.41 0.46 15.71	53.34 0.51 11.11
LINDHRST_69_KV_BK1 356055	51.63 1.89 0.00	44.53 1.34 0.00	40.98 1.08 0.00	37.17 1.05 0.00	37.09 1.12 0.00	40.47 1.25 0.00	45.20 1.36 0.00	48.35 1.13 0.00	50.93 2.29 0.00	53.28 2.29 0.00	58.55 3.31 0.00	67.64 3.83 0.00	71.78 1.52 1.96	85.53 2.70 13.45	98.58 3.24 9.10	115.52 5.43 0.65	144.60 8.70 0.01	182.51 13.28 -5.28	189.21 9.63 -21.66	137.99 6.66 -3.23	104.76 4.41 25.79	81.78 1.87 18.50	71.59 0.38 4.46	66.18 2.24 0.00
LIPA_MISC_IPP 23656	50.78 1.04 0.00	43.71 0.52 0.00	40.26 0.36 0.00	36.59 0.47 0.00	36.55 0.58 0.00	39.77 0.55 0.00	44.41 0.57 0.00	47.31 0.09 0.00	49.90 1.26 0.00	52.16 1.17 0.00	57.44 2.21 0.00	66.42 2.62 0.00	69.87 -0.07 2.28	81.33 0.67 15.63	95.02 1.15 10.57	113.36 3.43 0.83	141.88 5.98 0.01	178.75 10.33 -4.47	185.18 6.47 -20.79	131.16 3.84 0.78	95.38 1.89 32.64	75.58 -0.10 22.73	69.36 -1.14 5.18	65.10 1.15 0.00
LISF____SOLAR 323691	50.78 1.05 0.00	43.80 0.60 0.00	40.30 0.40 0.00	36.67 0.54 0.00	36.59 0.61 0.00	39.72 0.51 0.00	44.46 0.61 0.00	47.36 0.14 0.00	49.95 1.31 0.00	52.11 1.12 0.00	57.39 2.15 0.00	65.21 1.40 0.00	69.95 0.00 2.28	81.64 0.96 15.61	95.35 1.46 10.56	113.80 3.87 0.83	142.29 6.39 0.01	179.25 10.82 -4.48	185.65 6.94 -20.80	131.58 4.22 0.74	95.70 2.14 32.57	75.92 0.20 22.69	69.51 -0.99 5.17	64.91 0.96 0.00
LITTLE FALLS____HYD 24013	49.44 -0.30 0.00	42.85 -0.35 0.00	39.54 -0.36 0.00	35.80 -0.33 0.00	35.69 -0.29 0.00	38.90 -0.31 0.00	43.54 -0.31 0.00	46.93 -0.28 0.00	48.35 -0.29 0.00	50.48 -0.51 0.00	54.63 -0.61 0.00	63.11 -0.70 0.00	71.43 -0.79 0.00	95.51 -0.77 0.00	103.71 -0.73 0.00	110.42 -0.33 0.00	135.64 -0.27 0.00	164.12 0.16 0.00	158.23 0.32 0.00	128.49 0.38 0.00	125.88 -0.25 0.00	98.02 -0.39 0.00	75.07 -0.61 0.00	63.43 -0.51 0.00

LITTLRIV_115KV_TB1 356100	51.73 1.99 0.00	44.84 1.64 0.00	41.38 1.48 0.00	37.50 1.37 0.00	37.27 1.30 0.00	40.71 1.49 0.00	45.64 1.80 0.00	49.11 1.89 0.00	50.20 1.56 0.00	52.52 1.53 0.00	56.89 1.66 0.00	65.53 1.72 0.00	74.39 2.17 0.00	97.44 1.16 0.00	104.23 -0.21 0.00	108.42 -2.33 0.00	131.70 -4.21 0.00	159.69 -4.26 0.00	154.60 -3.32 0.00	125.93 -2.18 0.00	125.50 -0.63 0.00	99.40 0.98 0.00	93.33 3.56 -14.10	90.18 3.20 -23.04
LI_NEWBRDGE___DRP 323616	50.88 1.14 0.00	43.97 0.78 0.00	40.50 0.60 0.00	36.74 0.61 0.00	36.66 0.68 0.00	40.00 0.78 0.00	44.72 0.88 0.00	47.88 0.66 0.00	50.34 1.70 0.00	52.62 1.63 0.00	57.67 2.43 0.00	66.42 2.62 0.00	70.42 0.65 2.46	80.79 1.35 16.84	94.94 1.88 11.39	113.60 3.88 1.03	142.70 6.80 0.01	177.83 10.33 -3.54	184.81 7.11 -19.79	129.61 4.87 3.36	92.36 2.65 36.42	73.84 0.49 25.07	69.49 -0.61 5.58	65.03 1.09 0.00
LOCKPORT_115KV_TB60_63_64 80432	49.49 -0.25 0.00	43.15 -0.04 0.00	39.78 -0.12 0.00	35.15 -0.98 0.00	34.90 -1.08 0.00	38.28 -0.94 0.00	42.66 -1.18 0.00	45.33 -1.89 0.00	46.99 -1.65 0.00	51.04 0.05 0.00	56.01 0.77 0.00	66.23 2.42 0.00	74.61 2.38 0.00	99.65 3.37 0.00	106.74 2.30 0.00	114.52 3.77 0.00	139.17 3.26 0.00	161.99 -1.97 0.00	160.13 2.21 0.00	135.41 7.30 0.00	132.18 6.05 0.00	101.36 2.95 0.00	76.73 1.06 0.00	64.97 1.02 0.00
LOCKPORT___CC1 323769	49.64 -0.10 0.00	43.07 -0.13 0.00	39.38 -0.52 0.00	35.29 -0.83 0.00	35.08 -0.90 0.00	38.16 -1.06 0.00	42.53 -1.31 0.00	45.33 -1.89 0.00	46.99 -1.65 0.00	51.09 0.10 0.00	55.95 0.72 0.00	66.55 2.74 0.00	74.32 2.10 0.00	99.27 2.99 0.00	106.22 1.77 0.00	114.07 3.32 0.00	138.63 2.72 0.00	161.17 -2.79 0.00	159.17 1.26 0.00	134.76 6.66 0.00	131.55 5.42 0.00	100.57 2.16 0.00	76.51 0.83 0.00	65.22 1.28 0.00
LOCKPORT___CC2 323770	49.64 -0.10 0.00	43.07 -0.13 0.00	39.38 -0.52 0.00	35.29 -0.83 0.00	35.08 -0.90 0.00	38.16 -1.06 0.00	42.53 -1.31 0.00	45.33 -1.89 0.00	46.99 -1.65 0.00	51.09 0.10 0.00	55.95 0.72 0.00	66.55 2.74 0.00	74.32 2.10 0.00	99.27 2.99 0.00	106.22 1.77 0.00	114.07 3.32 0.00	138.63 2.72 0.00	161.17 -2.79 0.00	159.17 1.26 0.00	134.76 6.66 0.00	131.55 5.42 0.00	100.57 2.16 0.00	76.51 0.83 0.00	65.22 1.28 0.00
LOCKPORT___CC3 323771	49.64 -0.10 0.00	43.07 -0.13 0.00	39.38 -0.52 0.00	35.29 -0.83 0.00	35.08 -0.90 0.00	38.16 -1.06 0.00	42.53 -1.31 0.00	45.33 -1.89 0.00	46.99 -1.65 0.00	51.09 0.10 0.00	55.95 0.72 0.00	66.55 2.74 0.00	74.32 2.10 0.00	99.27 2.99 0.00	106.22 1.77 0.00	114.07 3.32 0.00	138.63 2.72 0.00	161.17 -2.79 0.00	159.17 1.26 0.00	134.76 6.66 0.00	131.55 5.42 0.00	100.57 2.16 0.00	76.51 0.83 0.00	65.22 1.28 0.00
LOCUSVLY_69_KV_BK2 55797	51.38 1.64 0.00	44.45 1.25 0.00	40.98 1.08 0.00	37.14 1.01 0.00	37.02 1.04 0.00	40.39 1.18 0.00	45.20 1.36 0.00	48.49 1.27 0.00	50.88 2.24 0.00	53.28 2.29 0.00	58.27 3.04 0.00	67.06 3.25 0.00	72.88 1.81 1.15	91.46 3.08 7.90	102.86 3.76 5.34	116.53 6.09 0.31	145.42 9.51 0.00	184.12 13.28 -6.88	191.41 10.11 -23.39	148.37 7.17 -13.10	122.68 4.92 8.37	92.73 2.07 7.75	73.43 0.38 2.62	65.61 1.66 0.00
LONG_LAKE_PHOENIX 24014	48.99 -0.75 0.00	42.50 -0.69 0.00	39.18 -0.72 0.00	35.37 -0.76 0.00	35.22 -0.76 0.00	38.43 -0.78 0.00	43.06 -0.79 0.00	46.42 -0.80 0.00	47.76 -0.88 0.00	50.22 -0.76 0.00	54.46 -0.77 0.00	63.11 -0.70 0.00	71.43 -0.79 0.00	95.61 -0.67 0.00	103.71 -0.73 0.00	110.53 -0.22 0.00	135.78 -0.14 0.00	163.63 -0.33 0.00	158.39 0.47 0.00	129.39 1.28 0.00	126.76 0.63 0.00	98.22 -0.20 0.00	74.84 -0.83 0.00	63.11 -0.83 0.00
LOVETT___3 23632	50.63 0.90 0.00	43.97 0.78 0.00	40.70 0.80 0.00	36.92 0.79 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.94 1.10 0.00	48.40 1.18 0.00	50.20 1.56 0.00	52.52 1.53 0.00	56.73 1.49 0.00	65.21 1.40 0.00	73.52 1.30 0.00	98.50 2.21 0.00	107.26 2.82 0.00	115.29 4.54 0.00	143.39 7.48 0.00	182.18 10.17 -8.06	190.16 8.05 -24.19	159.70 5.89 -25.71	145.98 3.91 -15.94	107.32 1.57 -7.33	76.13 0.45 0.00	64.58 0.64 0.00
LOVETT___4 23642	50.63 0.90 0.00	43.97 0.78 0.00	40.70 0.80 0.00	36.92 0.79 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.94 1.10 0.00	48.40 1.18 0.00	50.20 1.56 0.00	52.52 1.53 0.00	56.73 1.49 0.00	65.21 1.40 0.00	73.52 1.30 0.00	98.50 2.21 0.00	107.26 2.82 0.00	115.29 4.54 0.00	143.39 7.48 0.00	182.18 10.17 -8.06	190.16 8.05 -24.19	159.70 5.89 -25.71	145.98 3.91 -15.94	107.32 1.57 -7.33	76.13 0.45 0.00	64.58 0.64 0.00
LOVETT___5 23593	50.63 0.90 0.00	43.97 0.78 0.00	40.70 0.80 0.00	36.92 0.79 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.94 1.10 0.00	48.40 1.18 0.00	50.20 1.56 0.00	52.52 1.53 0.00	56.73 1.49 0.00	65.21 1.40 0.00	73.52 1.30 0.00	98.50 2.21 0.00	107.26 2.82 0.00	115.29 4.54 0.00	143.39 7.48 0.00	182.18 10.17 -8.06	190.16 8.05 -24.19	159.70 5.89 -25.71	145.98 3.91 -15.94	107.32 1.57 -7.33	76.13 0.45 0.00	64.58 0.64 0.00
LOWER RAQUET___HYD 24057	50.98 1.24 0.00	44.23 1.03 0.00	40.82 0.92 0.00	37.03 0.90 0.00	36.81 0.83 0.00	40.16 0.94 0.00	45.07 1.23 0.00	48.49 1.28 0.00	49.81 1.17 0.00	52.16 1.17 0.00	56.56 1.32 0.00	65.15 1.34 0.00	74.03 1.81 0.00	96.48 0.19 0.00	103.50 -0.94 0.00	107.43 -3.32 0.00	130.33 -5.58 0.00	157.73 -6.23 0.00	152.24 -5.68 0.00	123.50 -4.61 0.00	122.98 -3.15 0.00	97.83 -0.59 0.00	91.49 2.35 -13.47	88.20 2.24 -22.02
LOWER___HUDSON 24059	51.23 1.49 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.31 1.19 0.00	37.16 1.19 0.00	40.55 1.33 0.00	45.25 1.40 0.00	48.73 1.51 0.00	50.10 1.46 0.00	52.06 1.07 0.00	56.01 0.77 0.00	64.58 0.77 0.00	73.02 0.80 0.00	97.92 1.64 0.00	106.74 2.29 0.00	114.62 3.87 0.00	142.17 6.26 0.00	242.53 8.36 -70.21	375.98 7.42 -210.64	357.90 5.90 -223.90	269.71 4.79 -138.79	165.41 3.15 -63.85	77.64 1.96 0.00	65.54 1.60 0.00
LOWVILLE_115KV_TB2 356335	51.48 1.74 0.00	44.28 1.08 0.00	40.70 0.80 0.00	36.77 0.65 0.00	36.48 0.50 0.00	39.88 0.67 0.00	44.90 1.05 0.00	48.45 1.23 0.00	50.29 1.65 0.00	52.42 1.43 0.00	56.67 1.44 0.00	65.47 1.66 0.00	74.17 1.95 0.00	98.88 2.60 0.00	105.59 1.15 0.00	111.86 1.11 0.00	137.27 1.36 0.00	166.91 2.95 0.00	160.76 2.84 0.00	131.56 3.46 0.00	128.53 2.40 0.00	99.89 1.48 0.00	81.99 2.27 -4.05	72.48 1.92 -6.62
LUTHERFT_115KV_GLOB_FND_222 355753	51.82 2.09 0.00	45.01 1.81 0.00	41.58 1.68 0.00	37.64 1.52 0.00	37.53 1.55 0.00	40.94 1.73 0.00	45.69 1.84 0.00	49.15 1.94 0.00	50.34 1.70 0.00	52.26 1.27 0.00	56.17 0.94 0.00	64.83 1.02 0.00	73.38 1.16 0.00	98.40 2.12 0.00	107.37 2.92 0.00	115.29 4.54 0.00	142.98 7.07 0.00	257.55 9.84 -83.75	418.96 9.79 -251.26	403.24 8.07 -267.06	298.99 7.32 -165.55	179.79 5.22 -76.16	79.08 3.41 0.00	66.69 2.75 0.00

LUTHERNY_35_KV_BK2 355980	51.87 2.14 0.00	45.01 1.81 0.00	41.62 1.72 0.00	37.64 1.52 0.00	37.53 1.55 0.00	40.98 1.76 0.00	45.69 1.84 0.00	49.20 1.98 0.00	50.39 1.75 0.00	52.26 1.27 0.00	56.17 0.94 0.00	64.89 1.08 0.00	73.38 1.16 0.00	98.50 2.21 0.00	107.47 3.03 0.00	115.40 4.65 0.00	143.12 7.20 0.00	257.71 10.00 -83.75	419.12 9.95 -251.26	403.37 8.20 -267.06	299.12 7.44 -165.55	179.88 5.31 -76.16	79.15 3.48 0.00	66.76 2.81 0.00
LWR___OSWEGATCHIE_HYD 23850	51.28 1.54 0.00	44.32 1.12 0.00	40.78 0.88 0.00	36.92 0.79 0.00	36.66 0.68 0.00	40.08 0.86 0.00	45.03 1.18 0.00	48.54 1.32 0.00	50.00 1.36 0.00	52.26 1.27 0.00	56.62 1.38 0.00	65.27 1.47 0.00	74.10 1.88 0.00	97.82 1.54 0.00	104.23 -0.21 0.00	109.31 -1.44 0.00	133.33 -2.58 0.00	161.82 -2.13 0.00	156.34 -1.58 0.00	127.59 -0.51 0.00	125.75 -0.38 0.00	98.61 0.20 0.00	87.38 2.42 -9.29	81.30 2.17 -15.18
LYONS_FALL_HYD 23570	51.28 1.54 0.00	44.23 1.03 0.00	40.70 0.80 0.00	36.74 0.61 0.00	36.52 0.54 0.00	39.92 0.71 0.00	44.85 1.01 0.00	48.40 1.18 0.00	50.10 1.46 0.00	52.26 1.28 0.00	56.56 1.32 0.00	65.28 1.47 0.00	73.96 1.73 0.00	97.92 1.64 0.00	106.11 1.67 0.00	112.75 2.00 0.00	138.49 2.58 0.00	168.06 4.10 0.00	162.02 4.10 0.00	132.46 4.36 0.00	129.40 3.27 0.00	101.36 2.95 0.00	80.39 2.04 -2.68	70.18 1.86 -4.38
MADISON___COUNTY_LFGE 323628	51.13 1.39 0.00	44.23 1.04 0.00	40.74 0.84 0.00	36.77 0.65 0.00	36.63 0.65 0.00	40.00 0.78 0.00	44.85 1.01 0.00	48.35 1.13 0.00	49.76 1.12 0.00	52.01 1.02 0.00	56.39 1.16 0.00	64.70 0.89 0.00	73.31 1.08 0.00	98.21 1.93 0.00	106.53 2.09 0.00	113.52 2.77 0.00	139.85 3.94 0.00	169.20 5.25 0.00	163.92 6.00 0.00	134.00 5.89 0.00	130.92 4.79 0.00	101.46 3.05 0.00	78.12 1.66 -0.78	67.21 1.98 -1.28
MALONE___115KV_TB1 356076	50.78 1.04 0.00	44.23 1.04 0.00	40.82 0.92 0.00	37.06 0.94 0.00	36.88 0.90 0.00	40.24 1.02 0.00	45.07 1.23 0.00	48.63 1.42 0.00	49.81 1.17 0.00	52.36 1.38 0.00	56.78 1.55 0.00	65.40 1.60 0.00	74.25 2.02 0.00	97.53 1.25 0.00	105.07 0.63 0.00	109.86 -0.89 0.00	133.60 -2.31 0.00	161.50 -2.46 0.00	155.86 -2.05 0.00	126.31 -1.79 0.00	125.75 -0.38 0.00	99.20 0.79 0.00	82.52 2.50 -4.35	73.03 1.98 -7.10
MAPLEWOD_115KV_TB3 80458	51.13 1.39 0.00	44.41 1.21 0.00	41.10 1.20 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.43 1.22 0.00	45.16 1.32 0.00	48.63 1.42 0.00	50.00 1.36 0.00	52.06 1.07 0.00	56.12 0.88 0.00	64.70 0.89 0.00	73.24 1.01 0.00	98.02 1.73 0.00	106.95 2.51 0.00	114.63 3.88 0.00	141.89 5.98 0.00	228.82 8.20 -56.66	335.02 7.11 -169.99	314.30 5.51 -180.69	242.55 4.41 -112.01	152.89 2.95 -51.53	77.49 1.82 0.00	65.54 1.60 0.00
MAPLE_RIDGE_WT_1 323574	49.34 -0.40 0.00	42.76 -0.43 0.00	39.46 -0.44 0.00	35.76 -0.36 0.00	35.65 -0.32 0.00	38.86 -0.35 0.00	43.49 -0.35 0.00	46.94 -0.28 0.00	48.45 -0.19 0.00	50.89 -0.10 0.00	55.23 0.00 0.00	63.74 -0.06 0.00	72.22 0.00 0.00	95.80 -0.48 0.00	103.82 -0.62 0.00	109.86 -0.89 0.00	134.55 -1.36 0.00	162.48 -1.48 0.00	156.34 -1.58 0.00	126.57 -1.53 0.00	124.62 -1.51 0.00	97.24 -1.18 0.00	74.92 -0.76 0.00	63.37 -0.58 0.00
MAPLE_RIDGE_WT_2 323611	49.34 -0.40 0.00	42.76 -0.43 0.00	39.46 -0.44 0.00	35.76 -0.36 0.00	35.65 -0.32 0.00	38.86 -0.35 0.00	43.49 -0.35 0.00	46.94 -0.28 0.00	48.45 -0.19 0.00	50.89 -0.10 0.00	55.23 0.00 0.00	63.74 -0.06 0.00	72.22 0.00 0.00	95.80 -0.48 0.00	103.82 -0.62 0.00	109.86 -0.89 0.00	134.55 -1.36 0.00	162.48 -1.48 0.00	156.34 -1.58 0.00	126.57 -1.53 0.00	124.62 -1.51 0.00	97.24 -1.18 0.00	74.92 -0.76 0.00	63.37 -0.58 0.00
MARBLE_RIVER_WT_PWR 323696	49.79 0.05 0.00	43.41 0.22 0.00	40.10 0.20 0.00	36.41 0.29 0.00	36.27 0.29 0.00	39.57 0.35 0.00	44.28 0.44 0.00	47.55 0.33 0.00	48.93 0.29 0.00	51.39 0.41 0.00	55.79 0.55 0.00	64.26 0.45 0.00	73.02 0.80 0.00	96.19 -0.10 0.00	103.92 -0.52 0.00	108.87 -1.88 0.00	132.52 -3.39 0.00	159.86 -4.09 0.00	154.13 -3.79 0.00	124.52 -3.59 0.00	123.99 -2.14 0.00	97.73 -0.68 0.00	76.35 0.68 0.00	64.45 0.51 0.00
MARSHVLE_115KV_TB1 80742	53.42 3.68 0.00	46.35 3.15 0.00	42.77 2.87 0.00	38.62 2.49 0.00	38.53 2.55 0.00	42.16 2.94 0.00	46.91 3.07 0.00	49.91 2.69 0.00	50.54 1.90 0.00	52.11 1.12 0.00	56.12 0.88 0.00	64.57 0.77 0.00	73.02 0.79 0.00	98.11 1.83 0.00	107.16 2.72 0.00	114.85 4.10 0.00	142.71 6.80 0.00	252.32 10.49 -77.88	404.49 12.95 -233.63	389.88 13.45 -248.32	293.68 13.62 -153.93	179.17 9.94 -70.81	82.33 6.66 0.00	69.19 5.24 0.00
MARSH_HILL_WT_PWR 323713	50.48 0.75 0.00	43.93 0.73 0.00	40.22 0.32 0.00	35.98 -0.14 0.00	35.84 -0.14 0.00	39.22 0.00 0.00	44.06 0.22 0.00	47.12 -0.09 0.00	48.35 -0.29 0.00	51.60 0.61 0.00	56.51 1.27 0.00	66.61 2.80 0.00	74.97 2.74 0.00	100.23 3.95 0.00	108.10 3.65 0.00	115.85 5.10 0.00	141.62 5.71 0.00	170.02 3.93 -2.13	172.20 7.89 -6.39	145.92 11.02 -6.80	140.06 9.71 -4.21	105.76 5.41 -1.94	78.85 3.18 0.00	66.44 2.49 0.00
MCINTYRE_115KV_TB2 80467	52.07 2.34 0.00	45.14 1.94 0.00	41.66 1.76 0.00	37.75 1.63 0.00	37.53 1.55 0.00	40.98 1.76 0.00	45.86 2.02 0.00	49.30 2.08 0.00	50.29 1.65 0.00	52.57 1.58 0.00	56.95 1.71 0.00	65.53 1.72 0.00	74.39 2.17 0.00	97.34 1.06 0.00	104.34 -0.10 0.00	108.65 -2.10 0.00	132.24 -3.67 0.00	160.51 -3.44 0.00	155.71 -2.21 0.00	126.95 -1.15 0.00	126.89 0.76 0.00	100.28 1.87 0.00	94.86 4.09 -15.10	92.21 3.58 -24.69
MECO_____69_KV_BK1 80468	53.76 4.03 0.00	46.65 3.46 0.00	43.01 3.11 0.00	38.80 2.67 0.00	38.75 2.77 0.00	42.39 3.18 0.00	47.26 3.42 0.00	50.43 3.21 0.00	50.93 2.29 0.00	52.21 1.22 0.00	56.01 0.77 0.00	64.51 0.70 0.00	72.95 0.72 0.00	97.92 1.64 0.00	107.16 2.72 0.00	115.29 4.54 0.00	143.79 7.88 0.00	260.31 12.79 -83.57	424.10 15.48 -250.71	409.19 14.60 -266.48	305.70 14.38 -165.19	185.03 10.63 -75.99	82.94 7.26 0.00	69.64 5.69 0.00
MENANDS___115KV_TB5 355628	50.93 1.19 0.00	44.23 1.04 0.00	40.94 1.04 0.00	37.14 1.01 0.00	36.99 1.01 0.00	40.31 1.10 0.00	44.98 1.14 0.00	48.45 1.23 0.00	49.86 1.22 0.00	51.91 0.92 0.00	55.95 0.72 0.00	64.51 0.70 0.00	73.02 0.79 0.00	97.63 1.35 0.00	106.53 2.09 0.00	114.07 3.32 0.00	141.35 5.44 0.00	225.51 7.21 -54.34	327.11 6.16 -163.03	306.01 4.61 -173.29	237.08 3.53 -107.42	150.09 2.26 -49.42	76.96 1.29 0.00	65.16 1.21 0.00
MG INDUSTRY___DRP 24185	49.74 0.00 0.00	43.24 0.04 0.00	40.02 0.12 0.00	36.30 0.18 0.00	36.16 0.18 0.00	39.37 0.16 0.00	43.93 0.09 0.00	47.22 0.00 0.00	48.49 -0.15 0.00	50.43 -0.56 0.00	54.41 -0.83 0.00	62.72 -1.08 0.00	70.92 -1.30 0.00	93.71 -1.35 1.23	99.81 -1.04 3.59	104.95 -0.22 5.58	130.72 0.82 6.01	168.85 1.64 -3.25	211.55 0.95 -52.69	194.35 0.64 -65.61	163.61 -0.13 -37.61	118.12 -0.39 -20.10	75.14 -0.53 0.00	63.69 -0.26 0.00

MID___OSWEGATCHIE_HYD 23849	51.28 1.54 0.00	44.32 1.12 0.00	40.78 0.88 0.00	36.92 0.79 0.00	36.66 0.68 0.00	40.08 0.86 0.00	45.03 1.18 0.00	48.54 1.32 0.00	50.00 1.36 0.00	52.26 1.27 0.00	56.62 1.38 0.00	65.27 1.47 0.00	74.10 1.88 0.00	97.82 1.54 0.00	104.23 -0.21 0.00	109.31 -1.44 0.00	133.33 -2.58 0.00	161.82 -2.13 0.00	156.34 -1.58 0.00	127.59 -0.51 0.00	125.75 -0.38 0.00	98.61 0.20 0.00	87.38 2.42 -9.29	81.30 2.17 -15.18
MID___RAQUETTE_HYD 23851	50.98 1.24 0.00	44.23 1.04 0.00	40.82 0.92 0.00	37.03 0.90 0.00	36.81 0.83 0.00	40.16 0.94 0.00	45.07 1.23 0.00	48.59 1.37 0.00	49.81 1.17 0.00	52.16 1.17 0.00	56.56 1.33 0.00	65.15 1.34 0.00	73.96 1.73 0.00	96.76 0.48 0.00	103.50 -0.94 0.00	107.43 -3.32 0.00	130.34 -5.57 0.00	157.73 -6.23 0.00	152.23 -5.69 0.00	123.49 -4.61 0.00	122.98 -3.15 0.00	97.43 -0.98 0.00	91.49 2.35 -13.47	88.20 2.24 -22.02
MILLIKEN___1 23584	50.63 0.90 0.00	43.97 0.78 0.00	40.46 0.56 0.00	36.45 0.33 0.00	36.30 0.32 0.00	39.65 0.43 0.00	44.50 0.66 0.00	47.88 0.66 0.00	49.18 0.54 0.00	51.65 0.66 0.00	56.06 0.83 0.00	65.02 1.21 0.00	73.67 1.44 0.00	98.69 2.41 0.00	107.05 2.61 0.00	114.29 3.54 0.00	140.53 4.62 0.00	171.95 5.74 -2.26	171.95 7.26 -6.77	142.99 7.69 -7.20	137.15 6.56 -4.46	104.50 4.03 -2.05	77.87 2.19 0.00	65.54 1.60 0.00
MILLIKEN___2 23585	50.63 0.90 0.00	43.97 0.78 0.00	40.46 0.56 0.00	36.45 0.33 0.00	36.30 0.32 0.00	39.65 0.43 0.00	44.50 0.66 0.00	47.88 0.66 0.00	49.18 0.54 0.00	51.65 0.66 0.00	56.06 0.83 0.00	65.02 1.21 0.00	73.67 1.44 0.00	98.69 2.41 0.00	107.05 2.61 0.00	114.29 3.54 0.00	140.53 4.62 0.00	171.95 5.74 -2.26	171.95 7.26 -6.77	142.99 7.69 -7.20	137.15 6.56 -4.46	104.50 4.03 -2.05	77.87 2.19 0.00	65.54 1.60 0.00
MILLIKEN___DIESEL 23629	50.63 0.90 0.00	43.97 0.78 0.00	40.46 0.56 0.00	36.45 0.33 0.00	36.30 0.32 0.00	39.65 0.43 0.00	44.50 0.66 0.00	47.88 0.66 0.00	49.18 0.54 0.00	51.65 0.66 0.00	56.06 0.83 0.00	65.02 1.21 0.00	73.67 1.44 0.00	98.69 2.41 0.00	107.05 2.61 0.00	114.29 3.54 0.00	140.53 4.62 0.00	171.95 5.74 -2.26	171.95 7.26 -6.77	142.99 7.69 -7.20	137.15 6.56 -4.46	104.50 4.03 -2.05	77.87 2.19 0.00	65.54 1.60 0.00
MILLSEAT___LFGE 323607	50.78 1.05 0.00	43.93 0.73 0.00	40.22 0.32 0.00	36.09 -0.04 0.00	35.84 -0.14 0.00	39.02 -0.20 0.00	43.49 -0.35 0.00	46.51 -0.71 0.00	48.06 -0.58 0.00	52.11 1.12 0.00	57.11 1.88 0.00	67.38 3.57 0.00	75.55 3.32 0.00	101.19 4.91 0.00	108.41 3.97 0.00	116.40 5.65 0.00	141.75 5.84 0.00	165.76 1.81 0.00	163.92 10.25 0.00	138.36 8.83 0.00	134.96 4.63 0.00	103.04 4.63 0.00	77.94 2.27 0.00	66.76 2.81 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.83 1.09 0.00	44.19 0.99 0.00	40.90 1.00 0.00	37.03 0.90 0.00	36.91 0.94 0.00	40.31 1.10 0.00	45.12 1.27 0.00	48.59 1.37 0.00	50.44 1.80 0.00	52.72 1.73 0.00	57.00 1.77 0.00	65.53 1.72 0.00	73.89 1.66 0.00	99.07 2.79 0.00	107.79 3.34 0.00	115.96 5.21 0.00	144.20 8.29 0.00	183.37 11.15 -8.26	191.71 9.00 -24.79	161.11 6.66 -26.35	147.13 4.67 -16.33	107.99 2.07 -7.51	76.50 0.83 0.00	64.84 0.90 0.00
MILLWOOD_13_KV_LOAD 356217	50.98 1.24 0.00	44.28 1.08 0.00	40.98 1.08 0.00	37.10 0.98 0.00	36.99 1.01 0.00	40.39 1.18 0.00	45.20 1.36 0.00	48.68 1.46 0.00	50.49 1.85 0.00	52.82 1.84 0.00	57.11 1.88 0.00	65.66 1.85 0.00	74.10 1.88 0.00	99.46 3.18 0.00	108.31 3.86 0.00	116.40 5.65 0.00	144.88 8.97 0.00	184.19 11.97 -8.26	192.50 9.79 -24.79	161.63 7.17 -26.35	147.51 5.05 -16.33	108.29 2.36 -7.51	76.66 0.98 0.00	65.03 1.09 0.00
MODEL_CITY_ENERGY 24167	49.49 -0.25 0.00	42.81 -0.39 0.00	39.14 -0.76 0.00	35.26 -0.87 0.00	35.04 -0.94 0.00	38.08 -1.14 0.00	42.40 -1.45 0.00	45.05 -2.17 0.00	46.64 -2.00 0.00	50.78 -0.20 0.00	55.67 0.44 0.00	66.23 2.42 0.00	73.96 1.73 0.00	98.88 2.60 0.00	105.80 1.35 0.00	113.52 2.77 0.00	137.95 2.04 0.00	160.35 -3.61 0.00	158.39 0.48 0.00	134.13 6.02 0.00	130.92 4.79 0.00	100.19 1.77 0.00	76.13 0.46 0.00	65.03 1.09 0.00
MODERN_LFGE___ 323580	49.49 -0.25 0.00	42.81 -0.39 0.00	39.14 -0.76 0.00	35.26 -0.87 0.00	35.04 -0.94 0.00	38.08 -1.14 0.00	42.40 -1.45 0.00	45.05 -2.17 0.00	46.64 -2.00 0.00	50.78 -0.20 0.00	55.67 0.44 0.00	66.23 2.42 0.00	73.96 1.73 0.00	98.88 2.60 0.00	105.80 1.35 0.00	113.52 2.77 0.00	137.95 2.04 0.00	160.35 -3.61 0.00	158.39 0.48 0.00	134.13 6.02 0.00	130.92 4.79 0.00	100.19 1.77 0.00	76.13 0.46 0.00	65.03 1.09 0.00
MOHAWK_PAPER___DRP 24187	51.13 1.39 0.00	44.41 1.21 0.00	41.10 1.20 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.43 1.22 0.00	45.16 1.32 0.00	48.63 1.42 0.00	50.00 1.36 0.00	52.06 1.07 0.00	56.12 0.88 0.00	64.70 0.89 0.00	73.24 1.01 0.00	98.02 1.73 0.00	106.95 2.51 0.00	114.63 3.88 0.00	141.89 5.98 0.00	228.82 8.20 -56.66	335.02 7.11 -169.99	314.30 5.51 -180.69	242.55 4.41 -112.01	152.89 2.95 -51.53	77.49 1.82 0.00	65.54 1.60 0.00
MOHICAN___35_KV_115KV_LD 80490	52.12 2.39 0.00	45.23 2.03 0.00	41.82 1.92 0.00	37.79 1.66 0.00	37.67 1.69 0.00	41.18 1.96 0.00	45.90 2.06 0.00	49.44 2.22 0.00	50.49 1.85 0.00	52.21 1.22 0.00	55.90 0.66 0.00	64.57 0.77 0.00	73.02 0.79 0.00	98.02 1.73 0.00	107.26 2.82 0.00	115.29 4.54 0.00	143.39 7.48 0.00	258.86 10.49 -84.41	422.67 11.53 -253.22	406.87 9.61 -269.15	302.18 9.21 -166.84	181.86 6.69 -76.75	80.06 4.39 0.00	67.33 3.39 0.00
MONGAUP___HYD 23641	51.13 1.39 0.00	44.36 1.17 0.00	41.02 1.12 0.00	37.10 0.98 0.00	36.98 1.01 0.00	40.39 1.18 0.00	45.20 1.36 0.00	48.59 1.37 0.00	50.15 1.51 0.00	52.26 1.28 0.00	56.45 1.21 0.00	64.89 1.08 0.00	73.45 1.23 0.00	98.40 2.12 0.00	107.26 2.82 0.00	115.07 4.31 0.00	143.11 7.20 0.00	181.84 10.34 -7.55	189.88 9.31 -22.65	159.60 7.43 -24.07	146.86 5.81 -14.92	108.62 3.35 -6.86	77.41 1.74 0.00	65.42 1.47 0.00
MONTAUK___DIESEL 23721	52.47 2.74 0.00	45.05 1.86 0.00	41.42 1.52 0.00	37.64 1.52 0.00	37.60 1.62 0.00	40.94 1.73 0.00	45.64 1.80 0.00	48.82 1.61 0.00	51.70 3.06 0.00	54.20 3.21 0.00	59.93 4.69 0.00	69.61 5.81 0.00	73.63 3.68 2.28	86.53 5.87 15.62	100.56 6.68 10.57	119.89 9.97 0.83	149.50 13.59 0.01	187.94 19.51 -4.47	193.23 14.53 -20.79	136.68 9.35 0.77	99.57 6.05 32.62	78.35 2.66 22.72	71.03 0.53 5.18	66.76 2.81 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	50.43 0.70 0.00	43.67 0.48 0.00	39.78 -0.12 0.00	35.40 -0.72 0.00	35.15 -0.83 0.00	38.51 -0.71 0.00	43.27 -0.57 0.00	46.46 -0.76 0.00	48.54 -0.10 0.00	52.87 1.89 0.00	58.33 3.09 0.00	69.36 5.55 0.00	78.44 6.21 0.00	105.33 9.05 0.00	112.69 8.25 0.00	120.94 10.19 0.00	147.19 11.28 0.00	172.32 8.36 0.00	170.23 12.32 0.00	143.48 15.37 0.00	139.37 13.24 0.00	106.78 8.37 0.00	80.67 4.99 0.00	67.85 3.90 0.00

MORRIS_RIDGE___SOLAR 323848	49.99 0.25 0.00	43.50 0.30 0.00	39.82 -0.08 0.00	35.65 -0.47 0.00	35.48 -0.50 0.00	38.71 -0.51 0.00	43.36 -0.48 0.00	46.27 -0.94 0.00	47.47 -1.17 0.00	50.94 -0.05 0.00	55.73 0.50 0.00	65.85 2.04 0.00	74.03 1.81 0.00	98.97 2.69 0.00	106.42 1.98 0.00	114.19 3.44 0.00	139.31 3.40 0.00	166.49 0.49 -2.04	168.63 4.58 -6.13	143.33 8.72 -6.51	137.86 7.69 -4.04	104.40 4.13 -1.86	77.94 2.27 0.00	65.86 1.92 0.00
MORTIMER_115KV_TB3 55949	50.18 0.45 0.00	43.54 0.35 0.00	40.02 0.12 0.00	35.87 -0.25 0.00	35.62 -0.36 0.00	38.82 -0.39 0.00	43.36 -0.48 0.00	46.56 -0.66 0.00	48.06 -0.58 0.00	51.55 0.56 0.00	56.39 1.16 0.00	66.36 2.55 0.00	75.04 2.82 0.00	100.42 4.14 0.00	108.41 3.97 0.00	115.96 5.21 0.00	141.76 5.84 0.00	167.56 3.61 0.00	164.08 6.16 0.00	136.43 8.33 0.00	133.32 7.19 0.00	102.55 4.13 0.00	77.56 1.89 0.00	65.29 1.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.21 1.08 0.00	37.13 1.15 0.00	40.51 1.29 0.00	45.42 1.58 0.00	48.96 1.75 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.50 2.26 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.56 9.65 0.00	185.05 12.79 -8.31	193.27 10.42 -24.93	162.29 7.69 -26.50	147.98 5.42 -16.43	108.53 2.56 -7.56	76.73 1.06 0.00	65.10 1.15 0.00
MUNSVILLE_WIND_PWR 323609	53.57 3.83 0.00	46.22 3.02 0.00	42.49 2.59 0.00	38.26 2.13 0.00	38.06 2.09 0.00	41.73 2.51 0.00	46.96 3.11 0.00	50.80 3.59 0.00	51.90 3.26 0.00	54.00 3.01 0.00	58.55 3.31 0.00	68.21 4.40 0.00	77.14 4.91 0.00	103.89 7.60 0.00	112.80 8.36 0.00	120.93 10.18 0.00	149.09 13.18 0.00	186.74 17.37 -5.41	193.73 19.58 -16.23	163.93 18.57 -17.25	153.10 16.28 -10.69	114.35 11.02 -4.92	82.40 6.73 0.00	69.32 5.37 0.00
N SALMON___HYD 24042	50.78 1.05 0.00	44.23 1.03 0.00	40.82 0.92 0.00	37.06 0.94 0.00	36.88 0.90 0.00	40.23 1.02 0.00	45.07 1.23 0.00	48.49 1.28 0.00	49.81 1.17 0.00	52.36 1.38 0.00	56.78 1.54 0.00	65.40 1.60 0.00	74.32 2.10 0.00	97.44 1.16 0.00	105.07 0.63 0.00	109.86 -0.89 0.00	133.60 -2.31 0.00	161.50 -2.45 0.00	155.86 -2.06 0.00	126.31 -1.79 0.00	125.75 -0.38 0.00	99.30 0.88 0.00	82.51 2.49 -4.35	73.03 1.98 -7.10
N.AKRON__115KV_KNAPP 355671	50.43 0.70 0.00	43.84 0.65 0.00	40.42 0.52 0.00	35.80 -0.33 0.00	35.51 -0.47 0.00	38.94 -0.27 0.00	43.41 -0.44 0.00	46.32 -0.90 0.00	47.86 -0.78 0.00	51.91 0.92 0.00	56.89 1.66 0.00	66.93 3.13 0.00	75.55 3.32 0.00	101.10 4.81 0.00	108.41 3.97 0.00	116.29 5.54 0.00	141.62 5.71 0.00	165.60 1.64 0.00	163.60 5.68 0.00	138.10 9.99 0.00	134.83 8.70 0.00	103.23 4.82 0.00	77.94 2.27 0.00	66.18 2.24 0.00
N.E_GEN_SANDY PD 24062	50.83 1.09 0.00	44.19 0.99 0.00	40.86 0.96 0.00	37.10 0.98 0.00	36.98 1.01 0.00	40.28 1.06 0.00	45.03 1.18 0.00	48.44 1.23 0.00	50.00 1.36 0.00	52.06 1.07 0.00	55.95 0.72 0.00	64.38 0.57 0.00	72.80 0.58 0.00	97.63 1.35 0.00	106.42 1.98 0.00	114.40 3.65 0.00	142.70 6.26 -0.53	194.00 8.52 -21.52	230.86 6.79 -66.16	203.42 4.99 -70.32	166.51 3.41 -36.97	126.86 1.77 -26.67	76.51 0.83 0.00	64.72 0.77 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.73 0.99 0.00	44.06 0.86 0.00	40.78 0.88 0.00	36.96 0.83 0.00	36.88 0.90 0.00	40.20 0.98 0.00	44.98 1.14 0.00	48.49 1.27 0.00	50.29 1.65 0.00	52.62 1.63 0.00	56.84 1.60 0.00	65.34 1.53 0.00	73.74 1.52 0.00	98.79 2.50 0.00	107.68 3.24 0.00	115.73 4.98 0.00	143.93 8.02 0.00	182.80 10.82 -8.03	190.68 8.69 -24.08	160.10 6.41 -25.59	146.41 4.41 -15.86	107.68 1.97 -7.30	76.35 0.68 0.00	64.78 0.83 0.00
N.QUEENS_27_KV_LOAD 356247	51.34 1.59 -0.01	44.92 1.73 0.00	41.50 1.60 0.00	37.57 1.44 0.00	37.45 1.48 0.00	40.86 1.65 0.00	45.82 1.97 0.00	49.30 2.08 0.00	51.12 2.48 0.00	53.59 2.60 0.00	57.72 2.49 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.46 3.18 0.00	107.89 3.45 0.00	117.04 5.98 -0.31	146.52 10.60 -0.01	187.50 13.77 -9.77	195.79 11.37 -26.50	164.02 8.33 -27.59	147.47 4.92 -16.42	108.23 2.26 -7.56	76.50 0.83 0.00	64.84 0.90 0.00
N.TROY___115KV_TB1 355778	51.23 1.49 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.28 1.16 0.00	37.17 1.19 0.00	40.55 1.33 0.00	45.25 1.40 0.00	48.73 1.51 0.00	50.10 1.46 0.00	52.06 1.07 0.00	56.01 0.77 0.00	64.57 0.77 0.00	73.09 0.87 0.00	97.92 1.64 0.00	106.74 2.30 0.00	114.63 3.88 0.00	142.16 6.25 0.00	242.53 8.36 -70.21	375.98 7.42 -210.64	357.89 5.89 -223.90	269.71 4.79 -138.79	165.41 3.15 -63.85	77.64 1.97 0.00	65.54 1.60 0.00
NARROWS_GT1_1 24228	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT1_2 24229	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT1_3 24230	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT1_4 24231	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT1_5 24232	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01

NARROWS_GT1_6 24233	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT1_7 24234	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT1_8 24235	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT2_1 24236	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT2_2 24237	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT2_3 24238	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT2_4 24239	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT2_5 24240	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT2_6 24241	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT2_7 24242	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NARROWS_GT2_8 24243	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.24 10.32 0.00	185.87 13.60 -8.31	193.73 10.89 -24.93	162.68 8.08 -26.50	147.46 4.91 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.53 1.79 0.00	44.71 1.51 0.00	41.30 1.40 0.00	37.39 1.26 0.00	37.24 1.26 0.00	40.63 1.41 0.00	45.38 1.53 0.00	48.78 1.56 0.00	49.76 1.12 0.00	51.55 0.56 0.00	55.51 0.28 0.00	64.06 0.26 0.00	72.51 0.29 0.00	96.36 1.64 1.56	102.48 2.61 4.57	107.63 3.99 7.10	134.79 6.52 7.65	166.68 9.51 6.78	199.00 6.79 -34.29	182.16 5.38 -48.67	156.95 4.54 -26.28	117.21 3.15 -15.65	77.94 2.27 0.00	65.93 1.98 0.00
NCHELSEA_115KV_TR2 355582	51.28 1.54 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.38 1.53 0.00	48.87 1.65 0.00	50.63 1.99 0.00	52.87 1.89 0.00	57.17 1.93 0.00	65.79 1.98 0.00	74.39 2.17 0.00	99.65 3.37 0.00	108.73 4.28 0.00	116.73 5.98 0.00	145.15 9.24 0.00	184.87 12.30 -8.61	194.18 10.42 -25.84	163.26 7.69 -27.47	148.96 5.80 -17.03	109.39 3.15 -7.83	77.34 1.66 0.00	65.42 1.47 0.00
NEG CAPITAL___MECHNVIL 23645	51.98 2.24 0.00	45.09 1.90 0.00	41.65 1.75 0.00	37.71 1.59 0.00	37.60 1.62 0.00	41.02 1.80 0.00	45.77 1.93 0.00	49.29 2.08 0.00	50.54 1.90 0.00	52.41 1.43 0.00	56.40 1.16 0.00	65.08 1.28 0.00	73.67 1.44 0.00	98.88 2.60 0.00	108.00 3.55 0.00	115.96 5.21 0.00	143.79 7.88 0.00	254.91 10.82 -80.14	408.91 10.58 -240.42	392.23 8.58 -255.54	292.23 7.69 -158.41	176.79 5.51 -72.87	79.30 3.63 0.00	66.83 2.88 0.00
NEG CENTRAL_HIGH_ACRES 23767	49.24 -0.50 0.00	42.72 -0.47 0.00	39.26 -0.64 0.00	35.26 -0.87 0.00	35.01 -0.97 0.00	38.20 -1.02 0.00	42.70 -1.14 0.00	46.08 -1.13 0.00	47.52 -1.12 0.00	50.73 -0.25 0.00	55.46 0.22 0.00	65.28 1.47 0.00	73.59 1.37 0.00	98.59 2.31 0.00	106.53 2.09 0.00	113.96 3.21 0.00	139.44 3.53 0.00	165.60 1.64 0.00	161.70 3.78 0.00	133.87 5.77 0.00	130.92 4.79 0.00	100.48 2.07 0.00	76.21 0.53 0.00	64.07 0.13 0.00

NEG CENTRAL___DRP 24199	50.08 0.35 0.00	43.58 0.39 0.00	40.06 0.16 0.00	36.02 -0.11 0.00	35.87 -0.11 0.00	39.18 -0.04 0.00	43.98 0.13 0.00	47.27 0.05 0.00	48.45 -0.19 0.00	51.29 0.31 0.00	55.90 0.66 0.00	65.15 1.34 0.00	73.81 1.59 0.00	98.79 2.50 0.00	107.05 2.61 0.00	114.29 3.54 0.00	139.85 3.94 0.00	167.73 3.77 0.00	163.60 5.68 0.00	134.77 6.66 0.00	131.68 5.55 0.00	101.46 3.05 0.00	77.26 1.59 0.00	65.03 1.09 0.00
NEG CENTRAL___INDECK 23768	52.07 2.34 0.00	45.14 1.95 0.00	41.42 1.52 0.00	37.06 0.94 0.00	36.81 0.83 0.00	40.28 1.06 0.00	45.03 1.18 0.00	48.21 0.99 0.00	49.18 0.54 0.00	50.78 -0.20 0.00	55.29 0.06 0.00	65.21 1.40 0.00	73.31 1.08 0.00	95.51 -0.77 0.00	103.50 -0.94 0.00	111.08 0.33 0.00	136.46 0.55 0.00	162.32 -1.64 0.00	161.24 3.32 0.00	135.66 7.56 0.00	133.06 6.93 0.00	101.66 3.24 0.00	78.78 3.10 0.00	66.18 2.24 0.00
NEG CENTRAL___SENECA 23627	50.38 0.65 0.00	43.89 0.69 0.00	40.30 0.40 0.00	36.20 0.07 0.00	36.01 0.04 0.00	39.37 0.16 0.00	44.20 0.35 0.00	47.50 0.28 0.00	48.54 -0.10 0.00	51.60 0.61 0.00	56.28 1.05 0.00	65.85 2.04 0.00	74.54 2.31 0.00	99.75 3.47 0.00	107.99 3.55 0.00	115.40 4.65 0.00	140.80 4.89 0.00	168.38 4.43 0.00	164.86 6.95 0.00	136.43 8.33 0.00	133.19 7.06 0.00	102.35 3.94 0.00	78.09 2.42 0.00	65.67 1.73 0.00
NEG CENTRAL___STATE_STREET 24147	50.03 0.30 0.00	43.41 0.22 0.00	39.98 0.08 0.00	35.98 -0.14 0.00	35.84 -0.14 0.00	39.14 -0.08 0.00	43.89 0.04 0.00	47.27 0.05 0.00	48.54 -0.10 0.00	51.19 0.20 0.00	55.68 0.44 0.00	64.70 0.89 0.00	73.24 1.01 0.00	98.02 1.73 0.00	106.43 1.98 0.00	113.52 2.77 0.00	139.45 3.53 0.00	167.73 3.77 0.00	163.13 5.21 0.00	133.87 5.76 0.00	130.92 4.79 0.00	101.07 2.66 0.00	76.88 1.21 0.00	64.65 0.70 0.00
NEG MILLWOOD___DRP 24198	51.38 1.64 0.00	44.58 1.38 0.00	41.22 1.32 0.00	37.32 1.19 0.00	37.24 1.26 0.00	40.63 1.41 0.00	45.51 1.67 0.00	48.96 1.75 0.00	50.73 2.09 0.00	52.98 1.99 0.00	57.39 2.15 0.00	66.17 2.36 0.00	74.75 2.53 0.00	100.52 4.24 0.00	109.56 5.12 0.00	117.62 6.87 0.00	146.38 10.47 0.00	186.30 13.77 -8.57	195.47 11.84 -25.71	164.01 8.58 -27.32	149.37 6.31 -16.94	109.85 3.64 -7.79	77.49 1.82 0.00	65.54 1.60 0.00
NEG NORTH_FLCN_SEA 23793	49.74 0.00 0.00	43.58 0.39 0.00	40.26 0.36 0.00	36.56 0.43 0.00	36.41 0.43 0.00	39.73 0.51 0.00	44.46 0.61 0.00	47.97 0.76 0.00	48.88 0.24 0.00	51.34 0.36 0.00	55.73 0.50 0.00	64.19 0.38 0.00	72.87 0.65 0.00	95.99 -0.29 0.00	103.71 -0.73 0.00	108.65 -2.10 0.00	132.38 -3.53 0.00	159.69 -4.26 0.00	153.97 -3.95 0.00	124.52 -3.59 0.00	123.99 -2.14 0.00	97.62 -0.79 0.00	76.43 0.76 0.00	64.46 0.51 0.00
NEG NORTH_KES_CHATEGAY 23792	49.93 0.20 0.00	43.54 0.35 0.00	40.22 0.32 0.00	36.49 0.36 0.00	36.34 0.36 0.00	39.65 0.43 0.00	44.33 0.48 0.00	47.83 0.61 0.00	48.93 0.29 0.00	51.40 0.41 0.00	55.79 0.55 0.00	64.25 0.45 0.00	72.87 0.65 0.00	96.09 -0.19 0.00	103.82 -0.63 0.00	108.76 -1.99 0.00	132.38 -3.53 0.00	159.86 -4.10 0.00	154.13 -3.79 0.00	124.65 -3.46 0.00	124.24 -1.89 0.00	97.92 -0.49 0.00	77.92 0.98 -1.26	66.71 0.70 -2.06
NEG NORTH___ALICE_FALLS 23915	50.23 0.50 0.00	43.93 0.73 0.00	40.54 0.64 0.00	36.85 0.72 0.00	36.66 0.68 0.00	40.00 0.78 0.00	44.77 0.92 0.00	48.30 1.09 0.00	49.27 0.63 0.00	51.80 0.82 0.00	56.23 0.99 0.00	64.76 0.96 0.00	73.52 1.30 0.00	96.76 0.48 0.00	104.55 0.10 0.00	109.53 -1.22 0.00	133.47 -2.45 0.00	161.17 -2.79 0.00	155.55 -2.37 0.00	125.93 -2.18 0.00	125.37 -0.76 0.00	98.71 0.30 0.00	77.26 1.59 0.00	65.16 1.21 0.00
NEG NORTH___LWR_SARANAC 23913	50.23 0.50 0.00	43.93 0.73 0.00	40.54 0.64 0.00	36.85 0.72 0.00	36.66 0.68 0.00	40.00 0.78 0.00	44.77 0.92 0.00	48.30 1.09 0.00	49.27 0.63 0.00	51.80 0.82 0.00	56.23 0.99 0.00	64.76 0.96 0.00	73.52 1.30 0.00	96.76 0.48 0.00	104.55 0.10 0.00	109.53 -1.22 0.00	133.47 -2.45 0.00	161.17 -2.79 0.00	155.55 -2.37 0.00	125.93 -2.18 0.00	125.37 -0.76 0.00	98.71 0.30 0.00	77.26 1.59 0.00	65.16 1.21 0.00
NEG NORTH___PLATTSBURG 23628	50.23 0.50 0.00	43.93 0.73 0.00	40.54 0.64 0.00	36.85 0.72 0.00	36.66 0.68 0.00	40.00 0.78 0.00	44.77 0.92 0.00	47.97 0.75 0.00	49.27 0.63 0.00	51.80 0.81 0.00	56.23 1.00 0.00	64.77 0.96 0.00	73.59 1.37 0.00	96.77 0.48 0.00	104.55 0.10 0.00	109.53 -1.22 0.00	133.47 -2.44 0.00	161.17 -2.79 0.00	155.55 -2.36 0.00	125.93 -2.18 0.00	125.38 -0.75 0.00	98.71 0.30 0.00	77.26 1.59 0.00	65.16 1.21 0.00
NEG WEST_LEA_LOCKPORT 23791	49.39 -0.35 0.00	43.07 -0.13 0.00	39.62 -0.28 0.00	35.08 -1.05 0.00	34.86 -1.12 0.00	38.16 -1.06 0.00	42.53 -1.32 0.00	45.23 -1.98 0.00	46.84 -1.80 0.00	50.94 -0.05 0.00	55.79 0.55 0.00	65.98 2.17 0.00	74.32 2.09 0.00	99.27 2.98 0.00	106.32 1.88 0.00	114.07 3.32 0.00	138.63 2.72 0.00	161.17 -2.79 0.00	159.18 1.26 0.00	134.77 6.66 0.00	131.68 5.55 0.00	100.87 2.46 0.00	76.50 0.83 0.00	64.78 0.83 0.00
NEG WEST___LANCASTR 23811	49.69 -0.05 0.00	43.28 0.09 0.00	39.62 -0.28 0.00	35.33 -0.79 0.00	35.08 -0.90 0.00	38.35 -0.86 0.00	42.92 -0.92 0.00	45.85 -1.37 0.00	47.57 -1.07 0.00	51.45 0.46 0.00	56.51 1.27 0.00	66.81 3.00 0.00	75.40 3.18 0.00	101.00 4.72 0.00	108.41 3.97 0.00	116.29 5.54 0.00	141.76 5.84 0.00	165.92 1.97 0.00	163.76 5.84 0.00	137.71 9.61 0.00	134.08 7.95 0.00	102.84 4.43 0.00	77.87 2.19 0.00	65.74 1.79 0.00
NEG_PENN_ALLEGHNY 23528	50.18 0.45 0.00	43.63 0.43 0.00	40.18 0.28 0.00	36.23 0.11 0.00	36.05 0.07 0.00	39.33 0.12 0.00	44.11 0.26 0.00	47.46 0.24 0.00	48.88 0.24 0.00	51.60 0.61 0.00	56.12 0.88 0.00	65.28 1.47 0.00	73.67 1.44 0.00	98.78 2.50 0.00	107.06 2.61 0.00	114.29 3.54 0.00	140.39 4.48 0.00	172.01 4.43 -3.63	174.33 5.52 -10.89	145.83 6.15 -11.57	138.36 5.05 -7.17	104.57 2.86 -3.30	77.11 1.43 0.00	65.16 1.21 0.00
NEG___GEN_MONROE 24207	50.33 0.60 0.00	43.67 0.48 0.00	40.10 0.20 0.00	35.87 -0.25 0.00	35.62 -0.36 0.00	38.86 -0.35 0.00	43.45 -0.39 0.00	46.56 -0.66 0.00	48.06 -0.58 0.00	51.60 0.61 0.00	56.51 1.27 0.00	66.36 2.55 0.00	75.04 2.82 0.00	100.42 4.14 0.00	108.20 3.76 0.00	115.73 4.98 0.00	141.48 5.57 0.00	167.07 3.12 0.00	163.92 6.00 0.00	136.94 8.84 0.00	133.70 7.57 0.00	102.84 4.43 0.00	77.79 2.12 0.00	65.74 1.79 0.00
NEPA___ENERGY 23901	49.93 0.20 0.00	43.54 0.35 0.00	39.82 -0.08 0.00	35.55 -0.58 0.00	35.30 -0.68 0.00	38.55 -0.67 0.00	43.19 -0.66 0.00	46.08 -1.13 0.00	47.81 -0.83 0.00	51.75 0.76 0.00	56.84 1.60 0.00	67.06 3.25 0.00	75.69 3.47 0.00	101.39 5.10 0.00	108.83 4.39 0.00	116.73 5.98 0.00	142.16 6.25 0.00	166.58 2.62 0.00	164.23 6.32 0.00	138.22 10.12 0.00	134.58 8.45 0.00	103.33 4.92 0.00	78.25 2.57 0.00	66.12 2.17 0.00

NEVERSINK___HYD 23608	50.88 1.14 0.00	44.10 0.91 0.00	40.78 0.88 0.00	36.92 0.79 0.00	36.77 0.79 0.00	40.16 0.94 0.00	44.94 1.10 0.00	48.44 1.23 0.00	50.10 1.46 0.00	52.36 1.38 0.00	56.62 1.38 0.00	65.08 1.28 0.00	73.67 1.44 0.00	98.77 2.60 0.12	107.44 3.34 0.35	115.08 4.87 0.54	143.08 7.74 0.58	180.51 10.65 -5.90	189.08 9.31 -21.85	159.30 7.04 -24.15	146.10 5.30 -14.68	108.29 2.86 -7.02	77.04 1.36 0.00	65.10 1.15 0.00
NEWKRMKL_115KV_TB1 55635	50.98 1.24 0.00	44.32 1.12 0.00	40.98 1.08 0.00	37.14 1.01 0.00	37.02 1.04 0.00	40.35 1.14 0.00	45.03 1.18 0.00	48.49 1.27 0.00	49.90 1.26 0.00	51.96 0.97 0.00	56.01 0.77 0.00	64.64 0.83 0.00	73.09 0.87 0.00	97.82 1.54 0.00	106.64 2.19 0.00	114.18 3.43 0.00	141.35 5.44 0.00	223.64 7.38 -52.30	321.15 6.32 -156.91	299.63 4.74 -166.78	233.30 3.78 -103.39	148.43 2.46 -47.56	77.11 1.44 0.00	65.29 1.34 0.00
NEWTON___FALLS_HYD 23847	51.28 1.54 0.00	44.32 1.12 0.00	40.78 0.88 0.00	36.92 0.79 0.00	36.66 0.68 0.00	40.08 0.86 0.00	45.03 1.18 0.00	48.54 1.32 0.00	50.00 1.36 0.00	52.26 1.27 0.00	56.62 1.38 0.00	65.27 1.47 0.00	74.10 1.88 0.00	97.82 1.54 0.00	104.23 -0.21 0.00	109.31 -1.44 0.00	133.33 -2.58 0.00	161.82 -2.13 0.00	156.34 -1.58 0.00	127.59 -0.51 0.00	125.75 -0.38 0.00	98.61 0.20 0.00	87.38 2.42 -9.29	81.30 2.17 -15.18
NGRID_A1_DSASP 323792	48.74 -0.99 0.00	43.11 -0.09 0.00	39.42 -0.48 0.00	34.68 -1.45 0.00	34.47 -1.51 0.00	37.49 -1.72 0.00	41.78 -2.06 0.00	44.71 -2.50 0.00	46.35 -2.29 0.00	50.48 -0.51 0.00	55.46 0.22 0.00	65.98 2.17 0.00	73.67 1.44 0.00	98.40 2.12 0.00	105.18 0.74 0.00	112.85 2.10 0.00	136.87 0.96 0.00	158.87 -5.08 0.00	156.82 -1.10 0.00	132.85 4.74 0.00	129.66 3.53 0.00	99.40 0.98 0.00	75.67 0.00 0.00	64.07 0.13 0.00
NGRID_A2_DSASP 323793	48.74 -0.99 0.00	43.11 -0.09 0.00	39.42 -0.48 0.00	34.68 -1.45 0.00	34.47 -1.51 0.00	37.49 -1.72 0.00	41.78 -2.06 0.00	44.71 -2.50 0.00	46.35 -2.29 0.00	50.48 -0.51 0.00	55.46 0.22 0.00	65.98 2.17 0.00	73.67 1.44 0.00	98.40 2.12 0.00	105.18 0.74 0.00	112.85 2.10 0.00	136.87 0.96 0.00	158.87 -5.08 0.00	156.82 -1.10 0.00	132.85 4.74 0.00	129.66 3.53 0.00	99.40 0.98 0.00	75.67 0.00 0.00	64.07 0.13 0.00
NGRID_A4_DSASP 323807	48.74 -0.99 0.00	43.11 -0.09 0.00	39.42 -0.48 0.00	34.68 -1.45 0.00	34.47 -1.51 0.00	37.49 -1.72 0.00	41.78 -2.06 0.00	44.71 -2.50 0.00	46.35 -2.29 0.00	50.48 -0.51 0.00	55.46 0.22 0.00	65.98 2.17 0.00	73.67 1.44 0.00	98.40 2.12 0.00	105.18 0.74 0.00	112.85 2.10 0.00	136.87 0.96 0.00	158.87 -5.08 0.00	156.82 -1.10 0.00	132.85 4.74 0.00	129.66 3.53 0.00	99.40 0.98 0.00	75.67 0.00 0.00	64.07 0.13 0.00
NIAGARA_115E_LBMP 323715	49.34 -0.40 0.00	42.63 -0.56 0.00	38.94 -0.96 0.00	35.15 -0.97 0.00	34.97 -1.01 0.00	38.00 -1.22 0.00	42.22 -1.62 0.00	44.81 -2.41 0.00	46.40 -2.24 0.00	50.53 -0.46 0.00	55.46 0.22 0.00	65.98 2.17 0.00	73.67 1.44 0.00	98.40 2.12 0.00	105.38 0.94 0.00	113.08 2.33 0.00	137.27 1.36 0.00	159.54 -4.42 0.00	157.60 -0.32 0.00	133.36 5.25 0.00	130.17 4.04 0.00	99.69 1.28 0.00	75.75 0.08 0.00	64.84 0.89 0.00
NIAGARA_115W_LBMP 323714	48.59 -1.14 0.00	43.02 -0.17 0.00	39.34 -0.56 0.00	34.61 -1.52 0.00	34.36 -1.62 0.00	37.37 -1.84 0.00	41.70 -2.15 0.00	44.57 -2.64 0.00	46.21 -2.43 0.00	50.32 -0.66 0.00	55.29 0.06 0.00	65.72 1.91 0.00	73.38 1.15 0.00	98.02 1.73 0.00	104.86 0.42 0.00	112.41 1.66 0.00	136.46 0.55 0.00	158.38 -5.58 0.00	156.34 -1.58 0.00	132.33 4.22 0.00	129.28 3.15 0.00	99.11 0.69 0.00	75.45 -0.23 0.00	63.88 -0.06 0.00
NIAGARA_230_LBMP 323716	49.19 -0.55 0.00	43.02 -0.17 0.00	39.34 -0.56 0.00	35.08 -1.05 0.00	34.86 -1.12 0.00	37.88 -1.33 0.00	42.27 -1.58 0.00	45.19 -2.03 0.00	46.79 -1.85 0.00	50.89 -0.10 0.00	55.90 0.67 0.00	66.36 2.55 0.00	74.18 1.95 0.00	99.08 2.79 0.00	106.11 1.67 0.00	113.85 3.10 0.00	138.22 2.31 0.00	160.68 -3.28 0.00	158.39 0.48 0.00	134.00 5.90 0.00	130.92 4.79 0.00	100.28 1.87 0.00	76.27 0.60 0.00	64.65 0.70 0.00
NIAGARA___115KV_198_GIBSON 55903	49.14 -0.60 0.00	43.02 -0.17 0.00	38.82 -1.08 0.00	35.08 -1.05 0.00	34.90 -1.08 0.00	37.33 -1.88 0.00	41.70 -2.15 0.00	44.48 -2.74 0.00	46.11 -2.53 0.00	50.17 -0.82 0.00	55.12 -0.11 0.00	65.27 1.47 0.00	73.38 1.16 0.00	98.02 1.73 0.00	104.86 0.42 0.00	112.41 1.66 0.00	136.46 0.54 0.00	158.38 -5.57 0.00	156.34 -1.58 0.00	132.33 4.23 0.00	129.41 3.28 0.00	99.40 0.98 0.00	75.45 -0.23 0.00	64.39 0.45 0.00
NIAGARA____ 23760	49.19 -0.55 0.00	43.02 -0.17 0.00	39.34 -0.56 0.00	35.08 -1.05 0.00	34.86 -1.12 0.00	37.88 -1.33 0.00	42.27 -1.58 0.00	45.19 -2.03 0.00	46.79 -1.85 0.00	50.89 -0.10 0.00	55.90 0.67 0.00	66.36 2.55 0.00	74.18 1.95 0.00	99.08 2.79 0.00	106.11 1.67 0.00	113.85 3.10 0.00	138.22 2.31 0.00	160.68 -3.28 0.00	158.39 0.48 0.00	134.00 5.90 0.00	130.92 4.79 0.00	100.28 1.87 0.00	76.27 0.60 0.00	64.65 0.70 0.00
NINE_MILE_1 23575	48.29 -1.44 0.00	41.90 -1.29 0.00	38.66 -1.24 0.00	34.93 -1.19 0.00	34.76 -1.22 0.00	37.92 -1.29 0.00	42.40 -1.45 0.00	45.71 -1.51 0.00	47.08 -1.56 0.00	49.51 -1.48 0.00	53.69 -1.55 0.00	62.28 -1.53 0.00	70.42 -1.80 0.00	94.07 -2.21 0.00	102.05 -2.40 0.00	108.64 -2.11 0.00	133.33 -2.59 0.00	160.51 -3.45 0.00	155.23 -2.69 0.00	126.70 -1.41 0.00	124.24 -1.89 0.00	96.34 -2.07 0.00	73.70 -1.97 0.00	62.22 -1.72 0.00
NINE_MILE_2 23744	48.29 -1.44 0.00	41.90 -1.29 0.00	38.66 -1.24 0.00	34.93 -1.19 0.00	34.76 -1.22 0.00	37.92 -1.29 0.00	42.40 -1.45 0.00	45.71 -1.51 0.00	47.08 -1.56 0.00	49.51 -1.48 0.00	53.69 -1.55 0.00	62.28 -1.53 0.00	70.42 -1.80 0.00	94.07 -2.21 0.00	102.05 -2.40 0.00	108.64 -2.11 0.00	133.33 -2.59 0.00	160.51 -3.45 0.00	155.23 -2.69 0.00	126.70 -1.41 0.00	124.24 -1.89 0.00	96.34 -2.07 0.00	73.70 -1.97 0.00	62.22 -1.72 0.00
NM_CAPITAL___DRP 24208	50.88 1.14 0.00	44.19 0.99 0.00	40.90 1.00 0.00	37.10 0.98 0.00	36.99 1.01 0.00	40.28 1.06 0.00	44.98 1.14 0.00	48.40 1.18 0.00	49.81 1.17 0.00	51.85 0.87 0.00	55.90 0.66 0.00	64.51 0.70 0.00	72.95 0.72 0.00	97.53 1.25 0.00	106.43 1.98 0.00	113.96 3.21 0.00	141.08 5.16 0.00	222.37 7.05 -51.37	317.86 5.84 -154.10	296.39 4.48 -163.80	231.07 3.41 -101.53	147.19 2.07 -46.71	76.88 1.21 0.00	65.10 1.15 0.00
NM_CENTRAL___DRP 24181	49.19 -0.55 0.00	42.68 -0.52 0.00	39.34 -0.56 0.00	35.51 -0.61 0.00	35.33 -0.65 0.00	38.55 -0.67 0.00	43.19 -0.66 0.00	46.56 -0.66 0.00	47.96 -0.68 0.00	50.48 -0.51 0.00	54.85 -0.39 0.00	63.62 -0.19 0.00	72.01 -0.22 0.00	96.38 0.10 0.00	104.65 0.21 0.00	111.53 0.78 0.00	137.00 1.09 0.00	164.78 0.82 0.00	159.50 1.58 0.00	130.41 2.31 0.00	127.64 1.51 0.00	98.81 0.39 0.00	75.29 -0.38 0.00	63.50 -0.45 0.00

NM_FRONTIER___DRP 24179	49.14 -0.60 0.00	43.02 -0.17 0.00	38.82 -1.08 0.00	35.08 -1.05 0.00	34.90 -1.08 0.00	37.33 -1.88 0.00	41.70 -2.15 0.00	44.48 -2.74 0.00	46.11 -2.53 0.00	50.17 -0.82 0.00	55.12 -0.11 0.00	65.27 1.47 0.00	73.38 1.16 0.00	98.02 1.73 0.00	104.86 0.42 0.00	112.41 1.66 0.00	136.46 0.54 0.00	158.38 -5.57 0.00	156.34 -1.58 0.00	132.33 4.23 0.00	129.41 3.28 0.00	99.40 0.98 0.00	75.45 -0.23 0.00	64.39 0.45 0.00
NM_ST_REGIS___HYD 24053	50.98 1.24 0.00	44.28 1.08 0.00	40.82 0.92 0.00	37.06 0.94 0.00	36.84 0.86 0.00	40.24 1.02 0.00	45.12 1.27 0.00	48.63 1.42 0.00	49.81 1.17 0.00	52.26 1.27 0.00	56.67 1.44 0.00	65.27 1.47 0.00	74.10 1.88 0.00	97.05 0.77 0.00	103.92 -0.52 0.00	108.09 -2.66 0.00	131.16 -4.76 0.00	158.71 -5.25 0.00	153.18 -4.74 0.00	124.26 -3.84 0.00	123.73 -2.40 0.00	97.92 -0.49 0.00	89.69 2.42 -11.59	85.13 2.24 -18.95
NORTHPORT___1 23551	50.88 1.14 0.00	44.01 0.82 0.00	40.54 0.64 0.00	36.81 0.68 0.00	36.74 0.76 0.00	40.00 0.78 0.00	44.77 0.92 0.00	47.88 0.66 0.00	50.34 1.70 0.00	52.52 1.53 0.00	57.61 2.37 0.00	65.21 1.40 0.00	69.33 -0.58 2.31	79.12 -0.29 16.87	88.16 0.00 16.28	111.94 2.00 0.81	139.98 4.07 0.01	176.54 8.03 -4.56	183.06 4.27 -20.88	129.32 2.31 1.09	92.99 0.25 33.39	73.94 -1.28 23.20	68.75 -1.67 5.26	64.65 0.70 0.00
NORTHPORT___2 23552	50.88 1.14 0.00	44.01 0.82 0.00	40.54 0.64 0.00	36.81 0.68 0.00	36.74 0.76 0.00	40.00 0.78 0.00	44.77 0.92 0.00	47.88 0.66 0.00	50.34 1.70 0.00	52.52 1.53 0.00	57.61 2.37 0.00	65.21 1.40 0.00	69.33 -0.58 2.31	79.12 -0.29 16.87	88.16 0.00 16.28	111.94 2.00 0.81	139.98 4.07 0.01	176.54 8.03 -4.56	183.06 4.27 -20.88	129.32 2.31 1.09	92.99 0.25 33.39	73.94 -1.28 23.20	68.75 -1.67 5.26	64.65 0.70 0.00
NORTHPORT___3 23553	50.48 0.75 0.00	43.63 0.43 0.00	40.18 0.28 0.00	36.45 0.32 0.00	36.38 0.40 0.00	39.65 0.43 0.00	44.37 0.53 0.00	47.50 0.29 0.00	49.95 1.31 0.00	52.21 1.22 0.00	57.22 1.99 0.00	64.77 0.96 0.00	68.97 -0.94 2.31	79.11 -0.38 16.79	88.11 -0.10 16.23	111.77 1.88 0.86	140.24 4.35 0.02	176.02 7.71 -4.36	182.85 4.27 -20.67	129.31 2.31 1.10	93.02 0.00 33.11	73.81 -1.58 23.02	68.24 -2.20 5.24	64.20 0.26 0.00
NORTHPORT___4 23650	50.48 0.75 0.00	43.63 0.43 0.00	40.18 0.28 0.00	36.45 0.32 0.00	36.38 0.40 0.00	39.65 0.43 0.00	44.37 0.53 0.00	47.50 0.29 0.00	49.95 1.31 0.00	52.21 1.22 0.00	57.22 1.99 0.00	64.77 0.96 0.00	68.97 -0.94 2.31	79.11 -0.38 16.79	88.11 -0.10 16.23	111.77 1.88 0.86	140.24 4.35 0.02	176.02 7.71 -4.36	182.85 4.27 -20.67	129.31 2.31 1.10	93.02 0.00 33.11	73.81 -1.58 23.02	68.24 -2.20 5.24	64.20 0.26 0.00
NORTHPORT___IC 23718	51.03 1.29 0.00	44.02 0.82 0.00	40.54 0.64 0.00	36.81 0.69 0.00	36.73 0.76 0.00	40.08 0.86 0.00	44.77 0.92 0.00	47.88 0.66 0.00	50.39 1.75 0.00	52.57 1.58 0.00	57.78 2.54 0.00	66.42 2.62 0.00	69.40 -0.51 2.31	79.03 -0.39 16.87	88.16 0.00 16.28	111.71 1.77 0.81	139.98 4.08 0.01	176.55 8.03 -4.56	183.06 4.26 -20.88	129.32 2.31 1.09	93.12 0.38 33.39	74.04 -1.18 23.20	68.75 -1.66 5.26	65.03 1.09 0.00
NORTH___COUNTRY_ESR 323785	49.84 0.10 0.00	43.41 0.22 0.00	40.10 0.20 0.00	36.41 0.29 0.00	36.27 0.29 0.00	39.57 0.35 0.00	44.24 0.39 0.00	47.55 0.33 0.00	48.93 0.29 0.00	51.39 0.41 0.00	55.79 0.55 0.00	64.32 0.51 0.00	73.02 0.80 0.00	96.19 -0.10 0.00	103.92 -0.52 0.00	108.76 -1.99 0.00	132.38 -3.53 0.00	159.69 -4.26 0.00	153.81 -4.11 0.00	124.26 -3.84 0.00	123.86 -2.27 0.00	97.73 -0.68 0.00	77.71 0.76 -1.29	66.56 0.51 -2.10
NPX_GEN_1385_PROXY 323591	50.78 1.05 0.00	44.14 0.95 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.91 0.93 0.00	40.35 1.14 0.00	44.98 1.14 0.00	48.30 1.09 0.00	50.78 2.14 0.00	52.31 1.32 0.00	57.22 1.99 0.00	64.63 0.83 0.00	69.33 -0.58 2.31	79.70 0.29 16.87	89.10 0.94 16.28	113.48 3.54 0.81	141.73 5.30 -0.52	188.18 10.99 -13.24	185.43 6.63 -20.88	131.88 4.87 1.09	113.32 2.77 15.58	82.23 0.40 16.57	68.75 -1.67 5.26	64.27 0.32 0.00
NPX_GEN_CSC 323557	50.43 0.70 0.00	43.50 0.30 0.00	40.06 0.16 0.00	36.45 0.32 0.00	36.38 0.40 0.00	39.45 0.24 0.00	44.15 0.31 0.00	47.08 -0.14 0.00	49.61 0.97 0.00	51.80 0.81 0.00	57.05 1.82 0.00	64.89 1.08 0.00	69.59 -0.36 2.28	81.23 0.58 15.63	94.92 1.04 10.57	113.36 3.44 0.83	142.28 5.84 -0.52	178.06 10.17 -3.94	184.86 6.15 -20.79	130.90 3.58 0.78	88.26 1.39 39.26	81.91 -0.39 16.11	69.13 -1.36 5.18	64.52 0.57 0.00
NSINS_S_GLNS_FALLS 23858	52.02 2.29 0.00	45.14 1.94 0.00	41.78 1.88 0.00	37.71 1.59 0.00	37.63 1.66 0.00	41.14 1.92 0.00	45.82 1.97 0.00	49.34 2.12 0.00	50.44 1.80 0.00	52.16 1.17 0.00	55.79 0.55 0.00	64.45 0.64 0.00	72.95 0.72 0.00	97.92 1.64 0.00	107.05 2.61 0.00	115.07 4.32 0.00	143.12 7.20 0.00	259.18 10.33 -84.89	423.96 11.37 -254.67	408.15 9.35 -270.69	303.01 9.08 -167.80	182.20 6.59 -77.19	79.99 4.31 0.00	67.21 3.26 0.00
NUCOR_STEEL___DRP 24197	50.08 0.35 0.00	43.45 0.26 0.00	40.02 0.12 0.00	36.05 -0.07 0.00	35.91 -0.07 0.00	39.18 -0.04 0.00	43.93 0.09 0.00	47.31 0.09 0.00	48.59 -0.05 0.00	51.19 0.20 0.00	55.62 0.39 0.00	64.64 0.83 0.00	73.09 0.87 0.00	97.92 1.64 0.00	106.22 1.78 0.00	113.30 2.55 0.00	139.17 3.26 0.00	167.40 3.44 0.00	162.81 4.90 0.00	133.48 5.38 0.00	130.54 4.41 0.00	100.97 2.56 0.00	76.73 1.06 0.00	64.65 0.70 0.00
NUMBER_THREE_WT_PWR 323818	51.48 1.74 0.00	44.28 1.08 0.00	40.66 0.76 0.00	36.74 0.61 0.00	36.45 0.47 0.00	39.84 0.63 0.00	44.85 1.01 0.00	48.40 1.18 0.00	50.29 1.65 0.00	52.36 1.38 0.00	56.67 1.43 0.00	65.46 1.66 0.00	74.18 1.95 0.00	97.44 1.16 0.00	105.49 1.04 0.00	111.75 0.99 0.00	136.99 1.08 0.00	166.74 2.78 0.00	160.44 2.52 0.00	131.31 3.20 0.00	128.27 2.14 0.00	101.07 2.66 0.00	82.06 2.20 -4.19	72.71 1.92 -6.85
NYISO_LBMP_REFERENCE 24008	49.74 0.00 0.00	43.20 0.00 0.00	39.90 0.00 0.00	36.12 0.00 0.00	35.98 0.00 0.00	39.22 0.00 0.00	43.84 0.00 0.00	47.22 0.00 0.00	48.64 0.00 0.00	50.99 0.00 0.00	55.23 0.00 0.00	63.81 0.00 0.00	72.22 0.00 0.00	96.28 0.00 0.00	104.44 0.00 0.00	110.75 0.00 0.00	135.91 0.00 0.00	163.96 0.00 0.00	157.92 0.00 0.00	128.10 0.00 0.00	126.13 0.00 0.00	98.41 0.00 0.00	75.67 0.00 0.00	63.95 0.00 0.00
NYPA_BRENTWD____GT 24164	51.43 1.69 0.00	44.45 1.25 0.00	40.90 1.00 0.00	37.10 0.98 0.00	37.02 1.04 0.00	40.31 1.10 0.00	45.12 1.27 0.00	48.26 1.04 0.00	50.78 2.14 0.00	53.03 2.04 0.00	58.27 3.04 0.00	66.23 2.42 0.00	70.92 0.94 2.24	82.97 2.03 15.34	95.84 1.77 10.37	113.72 3.77 0.80	142.29 6.39 0.01	179.22 10.65 -4.62	185.65 6.79 -20.95	132.25 4.36 0.21	96.56 2.14 31.72	77.03 0.78 22.16	70.44 -0.15 5.08	65.67 1.73 0.00

NYPA_GOWANUS____GT5 24156	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.11 10.20 0.00	185.71 13.45 -8.31	193.73 10.89 -24.93	162.55 7.95 -26.50	147.34 4.79 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NYPA_GOWANUS____GT6 24157	51.18 1.44 0.00	44.89 1.68 -0.01	41.51 1.60 -0.01	37.54 1.41 -0.01	37.43 1.44 -0.01	40.87 1.65 -0.01	45.78 1.93 -0.01	49.25 2.03 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.09 1.87 0.01	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	146.11 10.20 0.00	185.71 13.45 -8.31	193.73 10.89 -24.93	162.55 7.95 -26.50	147.34 4.79 -16.42	107.93 1.97 -7.55	76.42 0.76 0.01	64.83 0.89 0.01
NYPA_HARLEM__RVR__GT1 24160	51.29 1.54 -0.01	44.84 1.64 -0.01	41.42 1.52 -0.01	37.50 1.37 -0.01	37.39 1.40 -0.01	40.79 1.57 -0.01	45.74 1.88 -0.01	49.20 1.98 0.00	50.88 2.24 0.00	53.38 2.40 0.00	57.50 2.27 0.00	65.59 1.78 0.00	74.10 1.87 0.00	99.17 2.89 0.00	107.57 3.13 0.00	116.29 5.54 0.00	145.98 10.06 -0.01	185.55 13.27 -8.32	193.60 10.74 -24.94	162.55 7.95 -26.50	147.08 4.53 -16.42	107.83 1.87 -7.55	76.27 0.60 0.01	64.64 0.70 0.01
NYPA_HARLEM__RVR__GT2 24161	51.29 1.54 -0.01	44.84 1.64 -0.01	41.42 1.52 -0.01	37.50 1.37 -0.01	37.39 1.40 -0.01	40.79 1.57 -0.01	45.74 1.88 -0.01	49.20 1.98 0.00	50.88 2.24 0.00	53.38 2.40 0.00	57.50 2.27 0.00	65.59 1.78 0.00	74.10 1.87 0.00	99.17 2.89 0.00	107.57 3.13 0.00	116.29 5.54 0.00	145.98 10.06 -0.01	185.55 13.27 -8.32	193.60 10.74 -24.94	162.55 7.95 -26.50	147.08 4.53 -16.42	107.83 1.87 -7.55	76.27 0.60 0.01	64.64 0.70 0.01
NYPA_KENT____GT 24152	51.13 1.39 0.00	44.80 1.60 -0.01	41.42 1.52 -0.01	37.47 1.34 -0.01	37.35 1.37 -0.01	40.79 1.57 -0.01	45.74 1.88 -0.01	49.20 1.98 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.10 1.87 0.00	99.36 3.08 0.00	108.00 3.55 0.00	116.62 5.87 0.00	145.97 10.06 0.00	185.54 13.27 -8.31	193.59 10.74 -24.93	162.42 7.82 -26.50	147.34 4.79 -16.42	107.83 1.87 -7.55	76.34 0.68 0.01	64.71 0.77 0.01
NYPA_POUCH1____GT 24155	50.93 1.19 0.00	44.84 1.64 -0.01	41.51 1.60 -0.01	37.50 1.37 -0.01	37.39 1.40 -0.01	40.83 1.61 -0.01	45.69 1.84 -0.01	49.15 1.94 0.00	50.73 2.09 0.00	51.04 2.04 1.99	51.22 1.88 5.90	52.86 1.53 12.48	53.88 1.52 19.86	72.97 2.50 25.81	86.85 2.92 20.52	89.69 5.21 26.26	111.36 9.51 34.06	126.67 12.63 49.91	143.60 10.12 24.43	124.53 7.30 10.87	109.40 4.16 20.89	61.33 1.48 38.57	60.35 0.38 15.71	53.35 0.51 11.11
NYPA_VERNON____GT2 24162	51.13 1.39 0.00	44.71 1.51 -0.01	41.34 1.43 -0.01	37.43 1.30 -0.01	37.32 1.33 -0.01	40.75 1.53 -0.01	45.69 1.84 -0.01	49.25 2.03 0.00	50.97 2.33 0.00	53.38 2.40 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.18 1.95 0.00	99.46 3.17 0.00	108.00 3.55 0.00	116.62 5.87 0.00	145.97 10.06 0.00	185.54 13.27 -8.31	193.43 10.58 -24.93	162.42 7.82 -26.50	147.34 4.79 -16.42	107.83 1.87 -7.55	76.27 0.60 0.01	64.64 0.70 0.01
NYPA_VERNON____GT3 24163	51.13 1.39 0.00	44.71 1.51 -0.01	41.34 1.43 -0.01	37.43 1.30 -0.01	37.32 1.33 -0.01	40.75 1.53 -0.01	45.69 1.84 -0.01	49.25 2.03 0.00	50.97 2.33 0.00	53.38 2.40 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.18 1.95 0.00	99.46 3.17 0.00	108.00 3.55 0.00	116.62 5.87 0.00	145.97 10.06 0.00	185.54 13.27 -8.31	193.43 10.58 -24.93	162.42 7.82 -26.50	147.34 4.79 -16.42	107.83 1.87 -7.55	76.27 0.60 0.01	64.64 0.70 0.01
NYPA____ASTORIA_CC1 323568	51.08 1.34 0.00	44.71 1.51 -0.01	41.34 1.43 -0.01	37.43 1.30 -0.01	37.32 1.33 -0.01	40.71 1.49 -0.01	45.65 1.80 -0.01	49.20 1.98 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.39 2.15 0.00	65.53 1.72 0.00	73.96 1.73 0.00	99.17 2.89 0.00	107.79 3.34 0.00	116.40 5.65 0.00	145.70 9.79 0.00	185.21 12.95 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	146.96 4.41 -16.42	107.63 1.67 -7.55	76.12 0.46 0.01	64.45 0.51 0.01
NYPA____ASTORIA_CC2 323569	51.08 1.34 0.00	44.71 1.51 -0.01	41.34 1.43 -0.01	37.43 1.30 -0.01	37.32 1.33 -0.01	40.71 1.49 -0.01	45.65 1.80 -0.01	49.20 1.98 0.00	50.93 2.29 0.00	53.28 2.30 0.00	57.39 2.15 0.00	65.53 1.72 0.00	73.96 1.73 0.00	99.17 2.89 0.00	107.79 3.34 0.00	116.40 5.65 0.00	145.70 9.79 0.00	185.21 12.95 -8.31	193.10 10.26 -24.93	162.16 7.56 -26.50	146.96 4.41 -16.42	107.63 1.67 -7.55	76.12 0.46 0.01	64.45 0.51 0.01
NYPA____HOLTSVILL 23794	50.78 1.05 0.00	43.88 0.69 0.00	40.38 0.48 0.00	36.70 0.58 0.00	36.63 0.65 0.00	39.84 0.63 0.00	44.59 0.74 0.00	47.50 0.29 0.00	50.05 1.41 0.00	52.21 1.22 0.00	57.39 2.15 0.00	65.21 1.40 0.00	69.87 -0.07 2.28	81.40 0.77 15.65	95.01 1.15 10.59	113.24 3.32 0.83	141.48 5.57 0.01	178.09 9.67 -4.46	184.54 5.85 -20.78	130.75 3.46 0.82	94.95 1.52 32.70	75.44 -0.20 22.77	69.43 -1.06 5.19	64.77 0.83 0.00
NYPA____HELLGATE_GT1 24158	51.29 1.54 -0.01	44.84 1.64 -0.01	41.42 1.52 -0.01	37.50 1.37 -0.01	37.39 1.40 -0.01	40.79 1.57 -0.01	45.74 1.88 -0.01	49.20 1.98 0.00	50.88 2.24 0.00	53.38 2.40 0.00	57.50 2.27 0.00	65.59 1.78 0.00	74.10 1.87 0.00	99.17 2.89 0.00	107.57 3.13 0.00	116.29 5.54 0.00	145.98 10.06 -0.01	185.55 13.27 -8.32	193.60 10.74 -24.94	162.55 7.95 -26.50	147.08 4.53 -16.42	107.83 1.87 -7.55	76.27 0.60 0.01	64.64 0.70 0.01
NYPA____HELLGATE_GT2 24159	51.29 1.54 -0.01	44.84 1.64 -0.01	41.42 1.52 -0.01	37.50 1.37 -0.01	37.39 1.40 -0.01	40.79 1.57 -0.01	45.74 1.88 -0.01	49.20 1.98 0.00	50.88 2.24 0.00	53.38 2.40 0.00	57.50 2.27 0.00	65.59 1.78 0.00	74.10 1.87 0.00	99.17 2.89 0.00	107.57 3.13 0.00	116.29 5.54 0.00	145.98 10.06 -0.01	185.55 13.27 -8.32	193.60 10.74 -24.94	162.55 7.95 -26.50	147.08 4.53 -16.42	107.83 1.87 -7.55	76.27 0.60 0.01	64.64 0.70 0.01
NYS_BARGE____HYD 23848	49.84 0.10 0.00	43.15 -0.04 0.00	39.46 -0.44 0.00	35.44 -0.69 0.00	35.22 -0.76 0.00	38.32 -0.90 0.00	42.66 -1.18 0.00	45.47 -1.75 0.00	47.08 -1.56 0.00	51.19 0.20 0.00	56.12 0.88 0.00	66.74 2.94 0.00	74.60 2.38 0.00	99.65 3.37 0.00	106.64 2.20 0.00	114.52 3.77 0.00	139.17 3.26 0.00	162.00 -1.96 0.00	160.13 2.21 0.00	135.40 7.30 0.00	132.18 6.05 0.00	101.07 2.66 0.00	76.73 1.06 0.00	65.48 1.53 0.00
OAK ORCHARD____HYD 24046	50.18 0.45 0.00	43.54 0.34 0.00	40.02 0.12 0.00	35.87 -0.25 0.00	35.62 -0.36 0.00	38.82 -0.39 0.00	43.36 -0.48 0.00	46.70 -0.52 0.00	48.20 -0.44 0.00	51.65 0.66 0.00	56.51 1.27 0.00	66.68 2.87 0.00	75.04 2.81 0.00	100.51 4.23 0.00	108.41 3.97 0.00	115.96 5.21 0.00	141.75 5.84 0.00	167.56 3.60 0.00	164.07 6.15 0.00	136.43 8.32 0.00	133.32 7.19 0.00	102.25 3.83 0.00	77.56 1.89 0.00	65.35 1.41 0.00

OAKDALE___35_KV_LOAD 356122	49.93 0.20 0.00	43.37 0.17 0.00	39.98 0.08 0.00	36.05 -0.07 0.00	35.91 -0.07 0.00	39.14 -0.08 0.00	43.84 0.00 0.00	47.08 -0.14 0.00	48.54 -0.10 0.00	51.24 0.25 0.00	55.73 0.50 0.00	64.70 0.89 0.00	73.24 1.01 0.00	98.02 1.73 0.00	106.22 1.78 0.00	113.41 2.66 0.00	139.17 3.26 0.00	170.83 3.12 -3.76	173.47 4.26 -11.29	145.10 5.00 -12.00	137.60 4.04 -7.44	104.00 2.17 -3.42	76.58 0.91 0.00	64.65 0.70 0.00
OCC_CHEM___DRP 24175	49.24 -0.50 0.00	43.11 -0.09 0.00	38.94 -0.96 0.00	35.11 -1.01 0.00	34.94 -1.04 0.00	37.45 -1.76 0.00	41.78 -2.06 0.00	44.62 -2.60 0.00	46.26 -2.38 0.00	50.32 -0.66 0.00	55.29 0.06 0.00	65.47 1.66 0.00	73.67 1.44 0.00	98.30 2.02 0.00	105.17 0.73 0.00	112.74 1.99 0.00	136.86 0.95 0.00	158.87 -5.08 0.00	156.81 -1.11 0.00	132.84 4.74 0.00	129.79 3.66 0.00	99.69 1.28 0.00	75.67 0.00 0.00	64.52 0.58 0.00
OH_GEN_PROXY 24063	49.19 -0.55 0.00	42.98 -0.21 0.00	39.34 -0.56 0.00	35.08 -1.05 0.00	34.86 -1.12 0.00	37.88 -1.33 0.00	42.27 -1.58 0.00	45.19 -2.03 0.00	46.84 -1.80 0.00	50.89 -0.10 0.00	55.90 0.67 0.00	66.36 2.55 0.00	74.18 1.95 0.00	99.08 2.79 0.00	106.22 1.77 0.00	113.85 3.10 0.00	138.89 2.45 -0.53	160.48 -2.95 0.53	158.71 0.79 0.00	134.13 6.02 0.00	124.42 4.91 6.62	107.00 1.97 -6.62	77.81 0.60 -1.54	63.11 0.70 1.54
OLIN_CORP_DRP 24177	48.89 -0.85 0.00	42.72 -0.48 0.00	39.50 -0.40 0.00	34.82 -1.30 0.00	34.58 -1.40 0.00	38.00 -1.22 0.00	42.31 -1.53 0.00	44.76 -2.46 0.00	46.40 -2.24 0.00	50.48 -0.51 0.00	55.46 0.22 0.00	65.66 1.85 0.00	73.89 1.66 0.00	98.69 2.41 0.00	105.70 1.25 0.00	113.30 2.55 0.00	137.68 1.77 0.00	159.86 -4.10 0.00	157.92 0.00 0.00	133.74 5.64 0.00	130.67 4.54 0.00	100.18 1.77 0.00	75.97 0.30 0.00	64.27 0.32 0.00
OLIN_CORP_DSASP 323712	48.74 -0.99 0.00	43.11 -0.09 0.00	39.42 -0.48 0.00	34.68 -1.45 0.00	34.47 -1.51 0.00	37.49 -1.72 0.00	41.78 -2.06 0.00	44.71 -2.50 0.00	46.35 -2.29 0.00	50.48 -0.51 0.00	55.46 0.22 0.00	65.98 2.17 0.00	73.67 1.44 0.00	98.40 2.12 0.00	105.18 0.74 0.00	112.85 2.10 0.00	136.87 0.96 0.00	158.87 -5.08 0.00	156.82 -1.10 0.00	132.85 4.74 0.00	129.66 3.53 0.00	99.40 0.98 0.00	75.67 0.00 0.00	64.07 0.13 0.00
ONEIDA_HERK_LFGE 323681	51.18 1.44 0.00	44.19 0.99 0.00	40.66 0.76 0.00	36.74 0.61 0.00	36.55 0.57 0.00	39.92 0.71 0.00	44.81 0.96 0.00	48.35 1.13 0.00	49.95 1.31 0.00	52.16 1.17 0.00	56.45 1.21 0.00	65.15 1.34 0.00	73.81 1.59 0.00	98.02 1.73 0.00	106.33 1.88 0.00	113.08 2.33 0.00	139.04 3.13 0.00	168.54 4.58 0.00	162.65 4.73 0.00	132.85 4.74 0.00	129.79 3.66 0.00	101.36 2.95 0.00	79.55 1.96 -1.91	68.86 1.79 -3.13
ONEIDA___115KV_TB4 55905	51.13 1.39 0.00	44.23 1.04 0.00	40.74 0.84 0.00	36.77 0.65 0.00	36.63 0.65 0.00	40.00 0.78 0.00	44.85 1.01 0.00	48.35 1.13 0.00	49.76 1.12 0.00	52.01 1.02 0.00	56.39 1.16 0.00	64.70 0.89 0.00	73.31 1.08 0.00	98.21 1.93 0.00	106.53 2.09 0.00	113.52 2.77 0.00	139.85 3.94 0.00	169.20 5.25 0.00	163.92 6.00 0.00	134.00 5.89 0.00	130.92 4.79 0.00	101.46 3.05 0.00	78.12 1.66 -0.78	67.21 1.98 -1.28
ONONDAGA_REF_OCCRA 23987	49.44 -0.30 0.00	42.89 -0.30 0.00	39.50 -0.40 0.00	35.65 -0.47 0.00	35.48 -0.50 0.00	38.75 -0.47 0.00	43.41 -0.44 0.00	46.79 -0.42 0.00	48.15 -0.49 0.00	50.68 -0.31 0.00	55.07 -0.17 0.00	63.74 -0.06 0.00	72.22 0.00 0.00	96.67 0.39 0.00	104.97 0.52 0.00	111.86 1.11 0.00	137.41 1.50 0.00	165.60 1.64 0.00	160.29 2.37 0.00	131.05 2.95 0.00	128.27 2.14 0.00	99.30 0.89 0.00	75.60 -0.08 0.00	63.75 -0.19 0.00
ONONDAGA___COGEN 23986	49.54 -0.20 0.00	43.02 -0.17 0.00	39.62 -0.28 0.00	35.73 -0.40 0.00	35.58 -0.40 0.00	38.82 -0.39 0.00	43.54 -0.31 0.00	46.89 -0.33 0.00	48.25 -0.39 0.00	50.78 -0.20 0.00	55.18 -0.06 0.00	63.68 -0.13 0.00	72.01 -0.22 0.00	96.38 0.10 0.00	104.65 0.21 0.00	111.53 0.78 0.00	137.00 1.09 0.00	165.10 1.15 0.00	159.81 1.89 0.00	130.67 2.56 0.00	127.77 1.64 0.00	99.00 0.59 0.00	75.37 -0.30 0.00	63.56 -0.38 0.00
ONTARIO___LFGE 23819	50.38 0.64 0.00	43.88 0.69 0.00	40.30 0.40 0.00	36.20 0.07 0.00	36.02 0.04 0.00	39.37 0.16 0.00	44.19 0.35 0.00	47.59 0.38 0.00	48.88 0.24 0.00	51.65 0.66 0.00	56.34 1.10 0.00	66.04 2.23 0.00	74.54 2.31 0.00	99.74 3.46 0.00	108.00 3.55 0.00	115.40 4.65 0.00	140.80 4.89 0.00	168.38 4.43 0.00	164.86 6.94 0.00	136.43 8.32 0.00	133.06 6.93 0.00	102.25 3.83 0.00	78.09 2.42 0.00	65.73 1.79 0.00
ORANGEVILLE_WT_PWR 323706	49.89 0.15 0.00	43.41 0.22 0.00	39.74 -0.16 0.00	35.48 -0.65 0.00	35.26 -0.72 0.00	38.47 -0.75 0.00	43.01 -0.83 0.00	45.99 -1.23 0.00	47.43 -1.21 0.00	51.19 0.20 0.00	56.12 0.88 0.00	66.55 2.74 0.00	74.68 2.46 0.00	99.94 3.66 0.00	107.26 2.82 0.00	115.07 4.31 0.00	140.26 4.35 0.00	164.61 0.66 0.00	162.65 4.73 0.00	137.20 9.10 0.00	133.83 7.69 0.00	102.54 4.13 0.00	77.94 2.27 0.00	65.93 1.98 0.00
ORANGEVILLE___ESR 323794	49.89 0.15 0.00	43.41 0.22 0.00	39.74 -0.16 0.00	35.48 -0.65 0.00	35.26 -0.72 0.00	38.47 -0.75 0.00	43.01 -0.83 0.00	45.99 -1.23 0.00	47.43 -1.21 0.00	51.19 0.20 0.00	56.12 0.88 0.00	66.55 2.74 0.00	74.68 2.46 0.00	99.94 3.66 0.00	107.26 2.82 0.00	115.07 4.31 0.00	140.26 4.35 0.00	164.61 0.66 0.00	162.65 4.73 0.00	137.20 9.10 0.00	133.83 7.69 0.00	102.54 4.13 0.00	77.94 2.27 0.00	65.93 1.98 0.00
OSWEGATCHIE___HYD 24044	51.28 1.54 0.00	44.32 1.12 0.00	40.78 0.88 0.00	36.92 0.79 0.00	36.66 0.68 0.00	40.08 0.86 0.00	45.03 1.18 0.00	48.49 1.28 0.00	50.00 1.36 0.00	52.26 1.28 0.00	56.62 1.38 0.00	65.34 1.53 0.00	74.10 1.87 0.00	96.77 0.48 0.00	104.24 -0.21 0.00	109.31 -1.44 0.00	133.33 -2.59 0.00	161.82 -2.14 0.00	156.34 -1.58 0.00	127.59 -0.51 0.00	125.75 -0.38 0.00	99.79 1.38 0.00	87.38 2.42 -9.29	81.30 2.18 -15.18
OSWEGO___5 23606	48.69 -1.05 0.00	42.25 -0.95 0.00	38.98 -0.92 0.00	35.18 -0.94 0.00	35.04 -0.94 0.00	38.20 -1.02 0.00	42.75 -1.09 0.00	46.08 -1.13 0.00	47.47 -1.17 0.00	49.91 -1.07 0.00	54.13 -1.10 0.00	62.78 -1.02 0.00	71.00 -1.23 0.00	94.84 -1.44 0.00	102.88 -1.56 0.00	109.53 -1.22 0.00	134.55 -1.36 0.00	161.82 -2.14 0.00	156.49 -1.42 0.00	127.85 -0.26 0.00	125.38 -0.75 0.00	97.24 -1.18 0.00	74.31 -1.36 0.00	62.73 -1.22 0.00
OSWEGO___6 23613	48.69 -1.05 0.00	42.25 -0.95 0.00	38.98 -0.92 0.00	35.18 -0.94 0.00	35.04 -0.94 0.00	38.20 -1.02 0.00	42.75 -1.09 0.00	46.08 -1.13 0.00	47.47 -1.17 0.00	49.91 -1.07 0.00	54.13 -1.10 0.00	62.78 -1.02 0.00	71.00 -1.23 0.00	94.84 -1.44 0.00	102.88 -1.56 0.00	109.53 -1.22 0.00	134.55 -1.36 0.00	161.82 -2.14 0.00	156.49 -1.42 0.00	127.85 -0.26 0.00	125.38 -0.75 0.00	97.24 -1.18 0.00	74.31 -1.36 0.00	62.73 -1.22 0.00

OUTOKUMPU-AB___DRP 24206	50.18 0.45 0.00	43.80 0.60 0.00	39.90 0.00 0.00	35.62 -0.51 0.00	35.40 -0.58 0.00	38.47 -0.75 0.00	42.92 -0.92 0.00	45.85 -1.37 0.00	47.57 -1.07 0.00	51.75 0.76 0.00	56.84 1.60 0.00	67.12 3.32 0.00	75.69 3.47 0.00	101.19 4.91 0.00	108.10 3.66 0.00	116.07 5.32 0.00	141.08 5.16 0.00	164.12 0.16 0.00	162.18 4.26 0.00	137.07 8.97 0.00	133.70 7.57 0.00	102.64 4.23 0.00	77.79 2.12 0.00	65.93 1.98 0.00
OXBOW___BTM 323836	49.49 -0.25 0.00	43.54 0.34 0.00	39.78 -0.12 0.00	35.18 -0.94 0.00	34.93 -1.04 0.00	38.04 -1.18 0.00	42.44 -1.40 0.00	45.47 -1.75 0.00	47.13 -1.51 0.00	51.30 0.31 0.00	56.34 1.10 0.00	67.00 3.19 0.00	74.90 2.67 0.00	100.14 3.86 0.00	106.42 1.98 0.00	114.19 3.44 0.00	138.77 2.86 0.00	161.33 -2.63 0.00	159.33 1.42 0.00	134.76 6.66 0.00	131.43 5.30 0.00	101.16 2.75 0.00	76.96 1.29 0.00	65.22 1.28 0.00
OXBOW___ 24026	49.84 0.10 0.00	43.54 0.35 0.00	39.50 -0.40 0.00	35.44 -0.69 0.00	35.22 -0.76 0.00	38.04 -1.18 0.00	42.44 -1.40 0.00	45.33 -1.89 0.00	47.03 -1.61 0.00	51.14 0.15 0.00	56.23 0.99 0.00	66.49 2.68 0.00	74.90 2.67 0.00	100.13 3.85 0.00	106.43 1.98 0.00	114.18 3.43 0.00	138.77 2.85 0.00	161.33 -2.62 0.00	159.34 1.42 0.00	134.77 6.66 0.00	131.43 5.30 0.00	101.46 3.05 0.00	76.96 1.29 0.00	65.42 1.47 0.00
OXY_CHEM_DSASP 323612	49.24 -0.50 0.00	43.11 -0.09 0.00	38.94 -0.96 0.00	35.11 -1.01 0.00	34.94 -1.04 0.00	37.45 -1.76 0.00	41.78 -2.06 0.00	44.62 -2.60 0.00	46.26 -2.38 0.00	50.32 -0.66 0.00	55.29 0.06 0.00	65.47 1.66 0.00	73.67 1.44 0.00	98.30 2.02 0.00	105.17 0.73 0.00	112.74 1.99 0.00	136.86 0.95 0.00	158.87 -5.08 0.00	156.81 -1.11 0.00	132.84 4.74 0.00	129.79 3.66 0.00	99.69 1.28 0.00	75.67 0.00 0.00	64.52 0.58 0.00
OZONE_PARK_ESR 323760	51.63 1.89 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.86 2.02 0.00	49.48 2.27 0.00	51.46 2.82 0.00	53.84 2.86 0.00	58.16 2.93 0.00	66.74 2.94 0.00	75.33 3.11 0.00	101.00 4.72 0.00	109.87 5.43 0.00	118.39 7.64 0.00	147.60 11.69 0.00	187.51 15.25 -8.31	195.63 12.79 -24.93	164.33 9.74 -26.50	149.87 7.32 -16.42	109.71 3.74 -7.56	77.64 1.97 0.00	65.74 1.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.24 -0.50 0.00	43.11 -0.09 0.00	38.94 -0.96 0.00	35.11 -1.01 0.00	34.94 -1.04 0.00	37.45 -1.76 0.00	41.78 -2.06 0.00	44.62 -2.60 0.00	46.26 -2.38 0.00	50.32 -0.66 0.00	55.29 0.06 0.00	65.47 1.66 0.00	73.67 1.44 0.00	98.30 2.02 0.00	105.17 0.73 0.00	112.74 1.99 0.00	136.86 0.95 0.00	158.87 -5.08 0.00	156.81 -1.11 0.00	132.84 4.74 0.00	129.79 3.66 0.00	99.69 1.28 0.00	75.67 0.00 0.00	64.52 0.58 0.00
PACKARD___115KV_DUPONT_184 80571	49.24 -0.50 0.00	43.11 -0.09 0.00	38.94 -0.96 0.00	35.11 -1.01 0.00	34.94 -1.04 0.00	37.45 -1.76 0.00	41.78 -2.06 0.00	44.62 -2.60 0.00	46.26 -2.38 0.00	50.32 -0.66 0.00	55.29 0.06 0.00	65.47 1.66 0.00	73.67 1.44 0.00	98.30 2.02 0.00	105.17 0.73 0.00	112.74 1.99 0.00	136.86 0.95 0.00	158.87 -5.08 0.00	156.81 -1.11 0.00	132.84 4.74 0.00	129.79 3.66 0.00	99.69 1.28 0.00	75.67 0.00 0.00	64.52 0.58 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.24 1.49 -0.01	44.84 1.64 0.00	41.42 1.52 0.00	37.50 1.37 0.00	37.38 1.40 0.00	40.78 1.57 0.00	45.73 1.89 0.00	49.20 1.98 0.00	50.97 2.33 0.00	53.38 2.40 0.00	57.50 2.26 0.00	65.72 1.91 0.00	74.17 1.95 0.00	99.17 2.89 0.00	107.68 3.24 0.00	116.51 5.76 0.00	146.11 10.19 -0.01	185.55 13.28 -8.32	193.75 10.90 -24.94	162.55 7.94 -26.50	147.22 4.67 -16.42	108.03 2.07 -7.56	76.35 0.68 0.00	64.78 0.83 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.08 2.34 -0.01	45.61 2.42 0.00	42.13 2.23 0.00	38.08 1.95 0.00	37.96 1.98 0.00	41.49 2.27 0.00	46.52 2.67 0.00	50.00 2.79 0.00	51.85 3.21 0.00	54.30 3.31 0.00	58.49 3.26 0.00	66.87 3.06 0.00	75.55 3.32 0.00	100.90 4.62 0.00	109.67 5.22 0.00	118.61 7.86 0.00	148.83 12.91 -0.01	188.83 16.56 -8.32	197.07 14.21 -24.94	165.37 10.76 -26.50	149.87 7.32 -16.42	109.90 3.94 -7.56	77.87 2.19 0.00	65.99 2.05 0.00
PATROON___115KV_TB1 80586	51.08 1.34 0.00	44.41 1.21 0.00	41.06 1.16 0.00	37.21 1.08 0.00	37.09 1.12 0.00	40.43 1.22 0.00	45.12 1.27 0.00	48.59 1.37 0.00	50.00 1.36 0.00	52.06 1.07 0.00	56.12 0.88 0.00	64.76 0.96 0.00	73.24 1.01 0.00	98.02 1.73 0.00	106.95 2.51 0.00	114.52 3.77 0.00	141.76 5.84 0.00	228.27 7.87 -56.44	334.04 6.79 -169.33	313.21 5.12 -179.99	241.86 4.16 -111.57	152.39 2.66 -51.33	77.34 1.66 0.00	65.48 1.53 0.00
PATTRSNVILLE___SOLAR 323815	51.37 1.64 0.00	44.58 1.38 0.00	41.21 1.31 0.00	37.31 1.19 0.00	37.20 1.22 0.00	40.55 1.33 0.00	45.25 1.40 0.00	48.54 1.32 0.00	49.56 0.92 0.00	51.39 0.41 0.00	55.29 0.06 0.00	63.74 -0.06 0.00	72.08 -0.14 0.00	96.67 0.39 0.00	105.28 0.83 0.00	112.75 2.00 0.00	139.71 3.80 0.00	260.37 6.07 -90.34	435.89 6.94 -271.03	422.71 6.53 -288.08	310.76 6.05 -178.58	184.79 4.23 -82.15	78.39 2.72 0.00	66.12 2.18 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	50.03 0.30 0.00	43.58 0.39 0.00	39.94 0.04 0.00	35.51 -0.61 0.00	35.30 -0.68 0.00	38.59 -0.63 0.00	43.19 -0.66 0.00	46.13 -1.09 0.00	47.86 -0.78 0.00	51.91 0.92 0.00	57.00 1.77 0.00	67.51 3.70 0.00	76.27 4.04 0.00	102.16 5.87 0.00	109.56 5.12 0.00	117.62 6.87 0.00	143.25 7.34 0.00	167.56 3.61 0.00	165.34 7.42 0.00	139.25 11.15 0.00	135.46 9.33 0.00	103.82 5.41 0.00	78.55 2.88 0.00	66.31 2.37 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.38 1.64 0.00	44.58 1.38 0.00	41.22 1.32 0.00	37.32 1.19 0.00	37.24 1.26 0.00	40.63 1.41 0.00	45.51 1.67 0.00	48.96 1.75 0.00	50.73 2.09 0.00	52.98 1.99 0.00	57.39 2.15 0.00	66.17 2.36 0.00	74.75 2.53 0.00	100.52 4.24 0.00	109.56 5.12 0.00	117.62 6.87 0.00	146.38 10.47 0.00	186.30 13.77 -8.57	195.47 11.84 -25.71	164.01 8.58 -27.32	149.37 6.31 -16.94	109.85 3.64 -7.79	77.49 1.82 0.00	65.54 1.60 0.00
PEEKSKILL___ 23653	50.78 1.05 0.00	44.14 0.95 0.00	40.82 0.92 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.23 1.02 0.00	45.07 1.23 0.00	48.54 1.32 0.00	50.29 1.65 0.00	52.62 1.63 0.00	56.89 1.66 0.00	65.28 1.47 0.00	73.74 1.52 0.00	98.97 2.69 0.00	107.79 3.34 0.00	115.85 5.10 0.00	144.07 8.15 0.00	183.16 10.99 -8.22	191.42 8.84 -24.67	160.85 6.53 -26.22	146.92 4.53 -16.25	107.86 1.97 -7.48	76.43 0.76 0.00	64.77 0.83 0.00
PGE MADISON___WINDPWR 24146	53.57 3.83 0.00	46.22 3.02 0.00	42.49 2.59 0.00	38.26 2.13 0.00	38.06 2.09 0.00	41.73 2.51 0.00	46.96 3.11 0.00	50.80 3.59 0.00	51.90 3.26 0.00	54.00 3.01 0.00	58.55 3.31 0.00	68.21 4.40 0.00	77.14 4.91 0.00	103.89 7.60 0.00	112.80 8.36 0.00	120.93 10.18 0.00	149.09 13.18 0.00	186.74 17.37 -5.41	193.73 19.58 -16.23	163.93 18.57 -17.25	153.10 16.28 -10.69	114.35 11.02 -4.92	82.40 6.73 0.00	69.32 5.37 0.00

PIERCEFIELD___HYD 23852	50.98 1.24 0.00	44.23 1.04 0.00	40.82 0.92 0.00	37.03 0.90 0.00	36.81 0.83 0.00	40.16 0.94 0.00	45.07 1.23 0.00	48.59 1.37 0.00	49.81 1.17 0.00	52.16 1.17 0.00	56.56 1.33 0.00	65.15 1.34 0.00	73.96 1.73 0.00	96.76 0.48 0.00	103.50 -0.94 0.00	107.43 -3.32 0.00	130.34 -5.57 0.00	157.73 -6.23 0.00	152.23 -5.69 0.00	123.49 -4.61 0.00	122.98 -3.15 0.00	97.43 -0.98 0.00	91.49 2.35 -13.47	88.20 2.24 -22.02
PINELAWN_CC_1 323563	51.18 1.44 0.00	44.23 1.03 0.00	40.74 0.84 0.00	36.96 0.83 0.00	36.88 0.90 0.00	40.20 0.98 0.00	44.98 1.14 0.00	48.11 0.89 0.00	50.59 1.95 0.00	52.88 1.89 0.00	58.00 2.76 0.00	66.04 2.23 0.00	70.42 0.22 2.02	83.39 0.96 13.86	96.01 0.94 9.37	113.15 3.10 0.70	141.75 5.84 0.01	178.70 9.67 -5.07	185.50 6.15 -21.43	134.38 3.84 -2.44	100.58 1.52 27.06	79.22 0.10 19.29	70.25 -0.83 4.59	65.42 1.47 0.00
PJM_GEN_HTTP_PROXY 323702	51.08 1.34 0.00	44.45 1.25 0.00	41.10 1.20 0.00	37.17 1.05 0.00	37.10 1.12 0.00	40.47 1.25 0.00	45.42 1.58 0.00	48.97 1.75 0.00	50.83 2.19 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.85 2.04 0.00	74.39 2.16 0.00	99.85 3.56 0.00	108.51 4.07 0.00	116.84 6.09 0.00	146.09 9.65 -0.53	184.53 12.80 -7.78	193.26 10.42 -24.93	162.28 7.69 -26.49	141.35 5.42 -9.80	114.95 2.36 -14.18	76.65 0.98 0.00	64.97 1.02 0.00
PJM_GEN_KEystone 24065	49.74 0.00 0.00	43.28 0.09 0.00	39.90 0.00 0.00	35.94 -0.18 0.00	35.80 -0.18 0.00	39.06 -0.16 0.00	43.71 -0.13 0.00	46.94 -0.28 0.00	48.59 -0.05 0.00	51.36 0.51 0.14	55.54 0.72 0.41	64.21 1.28 0.87	69.87 1.01 3.37	82.30 1.82 15.81	92.68 1.77 13.54	105.15 3.21 8.81	138.68 4.62 1.85	165.70 4.26 2.51	149.62 4.58 12.88	147.67 5.38 -14.19	110.41 3.78 19.50	98.30 1.38 1.49	74.80 0.23 1.10	63.55 0.39 0.78
PJM_GEN_NEPTUNE_PROXY 323594	50.73 0.99 0.00	43.93 0.73 0.00	40.50 0.60 0.00	36.70 0.58 0.00	36.63 0.65 0.00	39.92 0.71 0.00	44.68 0.83 0.00	47.88 0.66 0.00	50.24 1.60 0.00	52.52 1.53 0.00	57.50 2.27 0.00	65.46 1.66 0.00	70.28 0.51 2.46	80.79 1.35 16.84	94.94 1.88 11.39	113.49 3.77 1.03	143.09 6.66 -0.52	177.14 10.17 -3.01	184.65 6.94 -19.79	129.49 4.74 3.36	85.48 2.39 43.04	80.36 0.40 18.45	69.41 -0.68 5.58	64.72 0.77 0.00
PJM_GEN_VFT_PROXY 323633	50.77 1.05 0.01	44.19 0.99 0.00	40.86 0.96 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.28 1.06 0.00	45.16 1.31 0.00	48.72 1.51 0.01	50.58 1.95 0.01	50.92 1.94 2.00	51.21 1.88 5.90	52.85 1.53 12.48	54.02 1.66 19.87	73.26 2.79 25.82	87.26 3.34 20.53	89.79 5.32 26.27	111.20 8.83 33.54	125.31 11.81 50.45	142.79 9.31 24.44	124.01 6.78 10.88	103.15 4.53 27.52	68.13 1.67 31.95	60.41 0.46 15.71	53.34 0.51 11.11
PLATSBURG_115KV_PMLD1 355749	49.88 0.15 0.00	43.67 0.48 0.00	40.30 0.40 0.00	36.63 0.51 0.00	36.45 0.47 0.00	39.77 0.55 0.00	44.50 0.66 0.00	48.02 0.80 0.00	49.03 0.39 0.00	51.50 0.51 0.00	55.90 0.66 0.00	64.38 0.57 0.00	73.09 0.87 0.00	96.28 0.00 0.00	104.03 -0.42 0.00	108.98 -1.77 0.00	132.79 -3.13 0.00	160.19 -3.77 0.00	154.44 -3.47 0.00	124.90 -3.20 0.00	124.36 -1.77 0.00	97.92 -0.49 0.00	76.58 0.91 0.00	64.65 0.70 0.00
PLEASANTVLY___LBMP 24000	50.68 0.94 0.00	44.02 0.82 0.00	40.74 0.84 0.00	36.92 0.79 0.00	36.81 0.83 0.00	40.16 0.94 0.00	44.94 1.10 0.00	48.40 1.18 0.00	50.15 1.51 0.00	52.36 1.38 0.00	56.51 1.27 0.00	65.02 1.21 0.00	73.38 1.16 0.00	98.21 1.93 0.00	106.95 2.51 0.00	114.96 4.21 0.00	142.84 6.93 0.00	182.23 9.51 -8.76	191.78 7.58 -26.29	161.55 5.51 -27.94	147.11 3.66 -17.32	107.95 1.57 -7.97	76.20 0.53 0.00	64.65 0.70 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.03 1.29 0.00	44.32 1.12 0.00	40.98 1.08 0.00	37.14 1.01 0.00	37.02 1.04 0.00	40.39 1.18 0.00	45.25 1.40 0.00	48.73 1.51 0.00	50.59 1.95 0.00	52.98 1.99 0.00	57.22 1.99 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.56 3.27 0.00	108.31 3.86 0.00	116.51 5.76 0.00	145.02 9.11 0.00	184.45 12.13 -8.36	192.79 9.79 -25.08	162.07 7.30 -26.66	147.95 5.30 -16.53	108.48 2.46 -7.60	76.73 1.06 0.00	65.10 1.15 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	51.03 1.29 0.00	44.32 1.12 0.00	40.98 1.08 0.00	37.14 1.01 0.00	37.02 1.04 0.00	40.39 1.18 0.00	45.25 1.40 0.00	48.73 1.51 0.00	50.59 1.95 0.00	52.98 1.99 0.00	57.22 1.99 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.56 3.27 0.00	108.31 3.86 0.00	116.51 5.76 0.00	145.02 9.11 0.00	184.45 12.13 -8.36	192.79 9.79 -25.08	162.07 7.30 -26.66	147.95 5.30 -16.53	108.48 2.46 -7.60	76.73 1.06 0.00	65.10 1.15 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.08 1.34 0.00	44.36 1.17 0.00	41.02 1.12 0.00	37.17 1.05 0.00	37.02 1.04 0.00	40.43 1.22 0.00	45.25 1.40 0.00	48.73 1.51 0.00	50.49 1.85 0.00	52.72 1.73 0.00	56.89 1.66 0.00	65.47 1.66 0.00	74.03 1.81 0.00	99.17 2.89 0.00	108.20 3.76 0.00	116.18 5.43 0.00	144.34 8.43 0.00	184.76 11.48 -9.32	195.52 9.63 -27.97	164.88 7.05 -29.73	149.73 5.17 -18.43	109.65 2.76 -8.48	77.03 1.36 0.00	65.22 1.28 0.00
POLETTI_____ 23519	51.03 1.29 0.00	44.36 1.17 0.00	41.06 1.16 0.00	37.14 1.01 0.00	37.02 1.04 0.00	40.43 1.22 0.00	45.38 1.53 0.00	48.92 1.70 0.00	50.83 2.19 0.00	53.18 2.19 0.00	57.39 2.15 0.00	65.85 2.04 0.00	74.32 2.09 0.00	99.56 3.27 0.00	108.31 3.86 0.00	116.62 5.87 0.00	145.43 9.51 0.00	184.89 12.62 -8.31	192.95 10.11 -24.93	162.16 7.56 -26.50	147.71 5.17 -16.41	108.22 2.26 -7.54	76.49 0.83 0.02	64.89 0.96 0.02
POMONA___ESR 323819	50.73 0.99 0.00	44.06 0.86 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.20 0.98 0.00	44.98 1.14 0.00	48.49 1.28 0.00	50.24 1.60 0.00	52.57 1.58 0.00	56.78 1.54 0.00	65.21 1.40 0.00	73.67 1.44 0.00	98.88 2.60 0.00	107.69 3.24 0.00	115.74 4.99 0.00	143.93 8.02 0.00	182.80 10.82 -8.03	190.67 8.68 -24.08	160.10 6.40 -25.59	146.41 4.41 -15.86	107.58 1.87 -7.30	76.35 0.68 0.00	64.72 0.77 0.00
PORT_JEFF_3 23555	50.88 1.14 0.00	43.93 0.73 0.00	40.46 0.56 0.00	36.74 0.61 0.00	36.66 0.68 0.00	39.88 0.67 0.00	44.63 0.79 0.00	47.36 0.14 0.00	49.86 1.22 0.00	52.06 1.07 0.00	57.28 2.04 0.00	65.08 1.28 0.00	69.73 -0.22 2.28	81.33 0.68 15.63	94.92 1.04 10.57	112.91 2.99 0.83	140.53 4.62 0.01	176.94 8.52 -4.47	183.29 4.58 -20.79	129.75 2.43 0.78	94.75 1.26 32.64	75.29 -0.39 22.73	69.51 -0.99 5.18	64.91 0.96 0.00
PORT_JEFF_4 23616	50.88 1.14 0.00	43.93 0.73 0.00	40.46 0.56 0.00	36.74 0.61 0.00	36.66 0.68 0.00	39.88 0.67 0.00	44.63 0.79 0.00	47.36 0.14 0.00	49.86 1.22 0.00	52.06 1.07 0.00	57.28 2.04 0.00	65.08 1.28 0.00	69.73 -0.22 2.28	81.33 0.68 15.63	94.92 1.04 10.57	112.91 2.99 0.83	140.53 4.62 0.01	176.94 8.52 -4.47	183.29 4.58 -20.79	129.75 2.43 0.78	94.75 1.26 32.64	75.29 -0.39 22.73	69.51 -0.99 5.18	64.91 0.96 0.00

PORT_JEFF_IC 23713	51.08 1.34 0.00	43.97 0.78 0.00	40.50 0.60 0.00	36.77 0.65 0.00	36.70 0.72 0.00	40.00 0.78 0.00	44.68 0.83 0.00	47.31 0.09 0.00	49.95 1.31 0.00	52.16 1.17 0.00	57.44 2.21 0.00	66.42 2.62 0.00	69.95 0.00 2.27	81.48 0.77 15.57	94.75 0.84 10.53	112.92 2.99 0.82	140.93 5.03 0.01	177.46 9.02 -4.49	183.78 5.05 -20.81	130.12 2.69 0.67	95.82 2.14 32.45	75.99 0.20 22.62	69.76 -0.76 5.16	65.35 1.41 0.00
PPL PILGRIM_ST_GT1 24216	51.43 1.69 0.00	44.45 1.25 0.00	40.90 1.00 0.00	37.10 0.98 0.00	37.02 1.04 0.00	40.31 1.10 0.00	45.12 1.27 0.00	48.26 1.04 0.00	50.78 2.14 0.00	53.03 2.04 0.00	58.27 3.04 0.00	66.23 2.42 0.00	70.92 0.94 2.24	82.97 2.03 15.34	95.84 1.77 10.37	113.72 3.77 0.80	142.29 6.39 0.01	179.22 10.65 -4.62	185.65 6.79 -20.95	132.25 4.36 0.21	96.56 2.14 31.72	77.03 0.78 22.16	70.44 -0.15 5.08	65.67 1.73 0.00
PPL PILGRIM_ST_GT2 24217	51.43 1.69 0.00	44.45 1.25 0.00	40.90 1.00 0.00	37.10 0.98 0.00	37.02 1.04 0.00	40.31 1.10 0.00	45.12 1.27 0.00	48.26 1.04 0.00	50.78 2.14 0.00	53.03 2.04 0.00	58.27 3.04 0.00	66.23 2.42 0.00	70.92 0.94 2.24	82.97 2.03 15.34	95.84 1.77 10.37	113.72 3.77 0.80	142.29 6.39 0.01	179.22 10.65 -4.62	185.65 6.79 -20.95	132.25 4.36 0.21	96.56 2.14 31.72	77.03 0.78 22.16	70.44 -0.15 5.08	65.67 1.73 0.00
PPL_SHRM_GT3 24213	50.48 0.75 0.00	43.50 0.30 0.00	40.10 0.20 0.00	36.45 0.32 0.00	36.38 0.40 0.00	39.49 0.28 0.00	44.15 0.31 0.00	47.08 -0.14 0.00	49.66 1.02 0.00	51.85 0.87 0.00	57.05 1.82 0.00	64.89 1.08 0.00	69.66 -0.29 2.28	81.26 0.58 15.60	94.93 1.04 10.55	113.47 3.54 0.83	141.88 5.97 0.01	178.94 10.50 -4.48	185.19 6.48 -20.80	131.09 3.72 0.73	95.10 1.52 32.55	75.44 -0.29 22.68	69.14 -1.36 5.17	64.52 0.57 0.00
PPL_SHRM_GT4 24214	50.48 0.75 0.00	43.50 0.30 0.00	40.10 0.20 0.00	36.45 0.32 0.00	36.38 0.40 0.00	39.49 0.28 0.00	44.15 0.31 0.00	47.08 -0.14 0.00	49.66 1.02 0.00	51.85 0.87 0.00	57.05 1.82 0.00	64.89 1.08 0.00	69.66 -0.29 2.28	81.26 0.58 15.60	94.93 1.04 10.55	113.47 3.54 0.83	141.88 5.97 0.01	178.94 10.50 -4.48	185.19 6.48 -20.80	131.09 3.72 0.73	95.10 1.52 32.55	75.44 -0.29 22.68	69.14 -1.36 5.17	64.52 0.57 0.00
PROJECT___ORANGE 1 24174	49.24 -0.50 0.00	42.72 -0.48 0.00	39.34 -0.56 0.00	35.51 -0.61 0.00	35.37 -0.61 0.00	38.59 -0.63 0.00	43.23 -0.61 0.00	46.60 -0.61 0.00	48.01 -0.63 0.00	50.53 -0.46 0.00	54.90 -0.33 0.00	63.68 -0.13 0.00	72.08 -0.14 0.00	96.48 0.19 0.00	104.76 0.31 0.00	111.64 0.89 0.00	137.14 1.22 0.00	164.94 0.98 0.00	159.81 1.89 0.00	130.54 2.43 0.00	127.77 1.64 0.00	98.90 0.49 0.00	75.29 -0.38 0.00	63.56 -0.38 0.00
PROJECT___ORANGE 2 24166	49.24 -0.50 0.00	42.72 -0.48 0.00	39.34 -0.56 0.00	35.51 -0.61 0.00	35.37 -0.61 0.00	38.59 -0.63 0.00	43.23 -0.61 0.00	46.60 -0.61 0.00	48.01 -0.63 0.00	50.53 -0.46 0.00	54.90 -0.33 0.00	63.68 -0.13 0.00	72.08 -0.14 0.00	96.48 0.19 0.00	104.76 0.31 0.00	111.64 0.89 0.00	137.14 1.22 0.00	164.94 0.98 0.00	159.81 1.89 0.00	130.54 2.43 0.00	127.77 1.64 0.00	98.90 0.49 0.00	75.29 -0.38 0.00	63.56 -0.38 0.00
PUCKETT___SOLAR 323809	50.78 1.05 0.00	44.06 0.86 0.00	40.58 0.68 0.00	36.59 0.47 0.00	36.45 0.47 0.00	39.81 0.59 0.00	44.63 0.79 0.00	47.97 0.75 0.00	49.27 0.63 0.00	51.70 0.71 0.00	56.06 0.83 0.00	65.15 1.34 0.00	73.53 1.30 0.00	98.59 2.31 0.00	106.95 2.50 0.00	114.29 3.54 0.00	140.80 4.89 0.00	174.43 5.89 -4.59	179.25 7.58 -13.76	150.93 8.21 -14.62	142.00 6.81 -9.06	106.81 4.23 -4.17	78.02 2.35 0.00	65.86 1.92 0.00
PYRITES___HYD 24023	51.97 2.24 0.00	45.10 1.90 0.00	41.58 1.68 0.00	37.68 1.55 0.00	37.49 1.51 0.00	40.90 1.69 0.00	45.86 2.02 0.00	49.34 2.12 0.00	50.39 1.75 0.00	52.67 1.68 0.00	57.00 1.77 0.00	65.66 1.85 0.00	74.54 2.31 0.00	97.63 1.35 0.00	104.55 0.10 0.00	108.65 -2.10 0.00	132.11 -3.81 0.00	160.51 -3.44 0.00	155.55 -2.37 0.00	126.82 -1.28 0.00	126.51 0.38 0.00	100.09 1.67 0.00	93.97 4.01 -14.28	90.87 3.58 -23.34
QUAKERRD_115KV_BK1 80622	48.99 -0.75 0.00	42.55 -0.65 0.00	39.10 -0.80 0.00	35.11 -1.01 0.00	34.86 -1.12 0.00	38.00 -1.22 0.00	42.49 -1.36 0.00	45.71 -1.51 0.00	47.13 -1.51 0.00	50.38 -0.61 0.00	55.07 -0.17 0.00	64.64 0.83 0.00	73.16 0.94 0.00	97.92 1.64 0.00	105.80 1.36 0.00	113.08 2.33 0.00	138.36 2.45 0.00	164.12 0.16 0.00	160.29 2.37 0.00	132.72 4.61 0.00	129.91 3.78 0.00	99.89 1.48 0.00	75.67 0.00 0.00	63.69 -0.26 0.00
QUENSBRY_115KV_TB8 356137	52.07 2.34 0.00	45.18 1.99 0.00	41.78 1.88 0.00	37.75 1.63 0.00	37.63 1.66 0.00	41.14 1.92 0.00	45.86 2.02 0.00	49.39 2.17 0.00	50.44 1.80 0.00	52.16 1.17 0.00	55.79 0.55 0.00	64.51 0.70 0.00	72.95 0.72 0.00	97.92 1.64 0.00	107.16 2.72 0.00	115.18 4.43 0.00	143.25 7.34 0.00	259.76 10.49 -85.31	425.69 11.84 -255.93	409.87 9.74 -272.03	304.09 9.33 -168.63	182.78 6.79 -77.57	80.14 4.46 0.00	67.33 3.39 0.00
RAMAPO___LBMP 323565	50.53 0.80 0.00	43.93 0.73 0.00	40.66 0.76 0.00	36.85 0.72 0.00	36.73 0.76 0.00	40.08 0.86 0.00	44.85 1.01 0.00	48.30 1.09 0.00	50.10 1.46 0.00	52.42 1.43 0.00	56.62 1.38 0.00	65.08 1.28 0.00	73.45 1.23 0.00	98.40 2.12 0.00	107.16 2.72 0.00	115.07 4.32 0.00	143.12 7.20 0.00	181.75 9.84 -7.96	189.53 7.74 -23.87	159.12 5.64 -25.37	145.64 3.78 -15.73	107.12 1.48 -7.24	76.05 0.38 0.00	64.52 0.58 0.00
RANKINE____ 23646	50.23 0.50 0.00	43.76 0.56 0.00	40.06 0.16 0.00	35.65 -0.47 0.00	35.40 -0.58 0.00	38.63 -0.59 0.00	43.19 -0.66 0.00	46.13 -1.09 0.00	47.86 -0.78 0.00	51.96 0.97 0.00	57.11 1.88 0.00	67.64 3.83 0.00	76.34 4.12 0.00	102.16 5.87 0.00	109.46 5.01 0.00	117.51 6.76 0.00	142.98 7.07 0.00	166.74 2.79 0.00	164.71 6.79 0.00	138.99 10.89 0.00	135.46 9.33 0.00	103.82 5.41 0.00	78.62 2.95 0.00	66.38 2.43 0.00
RAVENSWOOD_GT2_1 24244	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.21 1.08 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	147.98 5.42 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
RAVENSWOOD_GT2_2 24245	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.21 1.08 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	147.98 5.42 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00

RAVENSWOOD_GT2_3 24246	51.13 1.39 0.00	44.49 1.30 0.00	41.18 1.28 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.55 2.32 0.00	66.04 2.23 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.62 4.18 0.00	116.95 6.20 0.00	145.70 9.79 0.00	185.38 13.12 -8.31	193.43 10.58 -24.93	162.41 7.81 -26.50	148.10 5.55 -16.42	108.53 2.56 -7.56	76.73 1.06 0.00	65.10 1.15 0.00
RAVENSWOOD_GT2_4 24247	51.13 1.39 0.00	44.49 1.30 0.00	41.18 1.28 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.55 2.32 0.00	66.04 2.23 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.62 4.18 0.00	116.95 6.20 0.00	145.70 9.79 0.00	185.38 13.12 -8.31	193.43 10.58 -24.93	162.41 7.81 -26.50	148.10 5.55 -16.42	108.53 2.56 -7.56	76.73 1.06 0.00	65.10 1.15 0.00
RAVENSWOOD_GT3_1 24248	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	147.98 5.42 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
RAVENSWOOD_GT3_2 24249	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	147.98 5.42 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
RAVENSWOOD_GT3_3 24250	51.18 1.44 0.00	44.53 1.34 0.00	41.22 1.32 0.00	37.28 1.16 0.00	37.17 1.19 0.00	40.59 1.37 0.00	45.51 1.67 0.00	49.06 1.84 0.00	51.02 2.38 0.00	53.38 2.40 0.00	57.61 2.38 0.00	66.17 2.36 0.00	74.61 2.38 0.00	99.94 3.66 0.00	108.73 4.28 0.00	117.06 6.31 0.00	145.97 10.06 0.00	185.55 13.28 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	148.36 5.80 -16.42	108.63 2.66 -7.56	76.88 1.21 0.00	65.16 1.21 0.00
RAVENSWOOD_GT3_4 24251	51.18 1.44 0.00	44.53 1.34 0.00	41.22 1.32 0.00	37.28 1.16 0.00	37.17 1.19 0.00	40.59 1.37 0.00	45.51 1.67 0.00	49.06 1.84 0.00	51.02 2.38 0.00	53.38 2.40 0.00	57.61 2.38 0.00	66.17 2.36 0.00	74.61 2.38 0.00	99.94 3.66 0.00	108.73 4.28 0.00	117.06 6.31 0.00	145.97 10.06 0.00	185.55 13.28 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	148.36 5.80 -16.42	108.63 2.66 -7.56	76.88 1.21 0.00	65.16 1.21 0.00
RAVENSWOOD_GT_1 23729	51.08 1.34 0.00	44.71 1.51 0.00	41.34 1.44 0.00	37.42 1.30 0.00	37.31 1.33 0.00	40.75 1.53 0.00	45.69 1.84 0.00	49.20 1.98 0.00	51.07 2.43 0.00	53.38 2.40 0.00	57.50 2.26 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.36 3.08 0.00	107.99 3.55 0.00	116.62 5.87 0.00	145.97 10.06 0.00	185.55 13.28 -8.31	193.43 10.58 -24.93	162.41 7.81 -26.50	147.35 4.79 -16.42	107.84 1.87 -7.56	76.28 0.61 0.00	64.65 0.70 0.00
RAVENSWOOD_GT_10 24258	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.21 1.08 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	66.04 2.23 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	148.10 5.55 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
RAVENSWOOD_GT_11 24259	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.21 1.08 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	66.04 2.23 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	148.10 5.55 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
RAVENSWOOD_GT_4 24252	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	147.98 5.42 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
RAVENSWOOD_GT_5 24254	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	147.98 5.42 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
RAVENSWOOD_GT_6 24253	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	147.98 5.42 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
RAVENSWOOD_GT_7 24255	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	65.98 2.17 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	147.98 5.42 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.21 1.08 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	66.04 2.23 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	148.10 5.55 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00
RAVENSWOOD_GT_9 24257	51.13 1.39 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.21 1.08 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.93 2.29 0.00	53.28 2.29 0.00	57.50 2.26 0.00	66.04 2.23 0.00	74.46 2.24 0.00	99.75 3.47 0.00	108.52 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.22 12.95 -8.31	193.27 10.42 -24.93	162.41 7.81 -26.50	148.10 5.55 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	65.03 1.09 0.00

RAVENSWOOD___1 23533	51.13 1.39 0.00	44.71 1.51 -0.01	41.34 1.43 -0.01	37.43 1.30 -0.01	37.32 1.33 -0.01	40.75 1.53 -0.01	45.69 1.84 -0.01	49.25 2.03 0.00	50.97 2.33 0.00	53.38 2.40 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.18 1.95 0.00	99.46 3.17 0.00	108.00 3.55 0.00	116.62 5.87 0.00	145.97 10.06 0.00	185.54 13.27 -8.31	193.43 10.58 -24.93	162.42 7.82 -26.50	147.34 4.79 -16.42	107.83 1.87 -7.55	76.27 0.60 0.01	64.64 0.70 0.01
RAVENSWOOD___2 23534	51.13 1.39 0.00	44.71 1.51 -0.01	41.34 1.43 -0.01	37.43 1.30 -0.01	37.32 1.33 -0.01	40.75 1.53 -0.01	45.69 1.84 -0.01	49.25 2.03 0.00	50.97 2.33 0.00	53.38 2.40 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.18 1.95 0.00	99.46 3.17 0.00	108.00 3.55 0.00	116.62 5.87 0.00	145.97 10.06 0.00	185.54 13.27 -8.31	193.43 10.58 -24.93	162.42 7.82 -26.50	147.34 4.79 -16.42	107.83 1.87 -7.55	76.27 0.60 0.01	64.64 0.70 0.01
RAVENSWOOD___3 23535	51.13 1.39 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.25 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.47 1.62 0.00	49.01 1.79 0.00	50.88 2.24 0.00	53.23 2.24 0.00	57.45 2.21 0.00	65.85 2.04 0.00	74.39 2.16 0.00	99.85 3.56 0.00	108.51 4.07 0.00	116.84 6.09 0.00	145.70 9.79 0.00	185.21 12.95 -8.31	193.26 10.42 -24.93	162.42 7.82 -26.50	147.97 5.42 -16.42	108.43 2.46 -7.56	76.73 1.06 0.00	64.97 1.02 0.00
RAVENSWOOD___4 23820	51.13 1.39 0.00	44.71 1.51 -0.01	41.34 1.43 -0.01	37.43 1.30 -0.01	37.32 1.33 -0.01	40.75 1.53 -0.01	45.69 1.84 -0.01	49.25 2.03 0.00	50.97 2.33 0.00	53.38 2.40 0.00	57.45 2.21 0.00	65.66 1.85 0.00	74.18 1.95 0.00	99.46 3.17 0.00	108.00 3.55 0.00	116.62 5.87 0.00	145.97 10.06 0.00	185.54 13.27 -8.31	193.43 10.58 -24.93	162.42 7.82 -26.50	147.34 4.79 -16.42	107.83 1.87 -7.55	76.27 0.60 0.01	64.64 0.70 0.01
RCPL_TRUST___DRP 24196	51.18 1.44 0.00	44.49 1.30 0.00	41.18 1.28 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.51 1.67 0.00	49.06 1.84 0.00	51.02 2.38 0.00	53.38 2.40 0.00	57.61 2.38 0.00	66.17 2.36 0.00	74.61 2.38 0.00	100.04 3.76 0.00	108.83 4.39 0.00	117.17 6.42 0.00	145.97 10.06 0.00	185.54 13.28 -8.31	193.58 10.74 -24.93	162.67 8.07 -26.49	148.23 5.68 -16.42	108.62 2.66 -7.55	76.81 1.14 0.00	65.16 1.21 0.00
RED___ROCHESTER 323720	50.63 0.90 0.00	43.88 0.69 0.00	40.34 0.44 0.00	36.16 0.04 0.00	35.87 -0.11 0.00	39.10 -0.12 0.00	43.67 -0.17 0.00	47.08 -0.14 0.00	48.59 -0.05 0.00	52.11 1.12 0.00	57.05 1.82 0.00	67.44 3.64 0.00	75.98 3.75 0.00	101.77 5.49 0.00	109.87 5.43 0.00	117.51 6.76 0.00	143.79 7.88 0.00	170.03 6.07 0.00	166.44 8.52 0.00	138.36 10.25 0.00	135.09 8.96 0.00	103.62 5.21 0.00	78.39 2.72 0.00	65.99 2.05 0.00
REGAN___SOLAR 323812	53.36 3.63 0.00	46.31 3.11 0.00	42.69 2.79 0.00	38.54 2.42 0.00	38.46 2.48 0.00	42.08 2.86 0.00	46.96 3.11 0.00	50.05 2.83 0.00	50.39 1.75 0.00	51.55 0.56 0.00	55.18 -0.06 0.00	63.36 -0.44 0.00	71.64 -0.58 0.00	96.19 -0.10 0.00	105.28 0.83 0.00	113.40 2.65 0.00	141.89 5.97 0.00	259.23 10.82 -84.45	424.85 13.58 -253.35	410.72 13.32 -269.29	306.05 12.99 -166.93	184.75 9.54 -76.79	82.10 6.43 0.00	69.06 5.12 0.00
RENSSELAER___COGEN 23796	50.68 0.94 0.00	44.06 0.86 0.00	40.74 0.84 0.00	36.96 0.83 0.00	36.84 0.86 0.00	40.12 0.90 0.00	44.81 0.96 0.00	48.21 0.99 0.00	49.56 0.92 0.00	51.65 0.66 0.00	55.67 0.44 0.00	64.19 0.39 0.00	72.51 0.29 0.00	97.05 0.77 0.00	105.70 1.26 0.00	113.18 2.43 0.00	140.13 4.22 0.00	215.32 5.74 -45.63	299.53 4.73 -136.88	277.06 3.46 -145.49	218.84 2.52 -90.19	141.28 1.38 -41.49	76.43 0.76 0.00	64.77 0.83 0.00
REPUBLIC_115KV_BARTNBRK 55605	54.76 5.02 0.00	47.52 4.32 0.00	43.81 3.91 0.00	39.41 3.29 0.00	39.36 3.38 0.00	43.14 3.92 0.00	48.05 4.21 0.00	51.80 4.58 0.00	52.48 3.84 0.00	54.10 3.11 0.00	57.89 2.65 0.00	66.93 3.13 0.00	75.69 3.47 0.00	101.96 5.68 0.00	111.86 7.42 0.00	120.61 9.86 0.00	150.32 14.41 0.00	268.67 19.84 -84.87	434.17 21.63 -254.62	416.94 18.19 -270.64	312.06 18.16 -167.77	189.37 13.78 -77.18	85.13 9.46 0.00	71.30 7.35 0.00
REVERE_CPPR_DRP 24186	51.68 1.94 0.00	44.62 1.43 0.00	41.10 1.20 0.00	37.10 0.98 0.00	36.91 0.94 0.00	40.35 1.14 0.00	45.29 1.45 0.00	48.87 1.65 0.00	50.34 1.70 0.00	52.52 1.53 0.00	56.89 1.66 0.00	65.47 1.66 0.00	74.17 1.95 0.00	99.36 3.08 0.00	107.68 3.24 0.00	114.74 3.99 0.00	141.35 5.44 0.00	171.33 7.38 0.00	165.97 8.05 0.00	135.79 7.69 0.00	132.56 6.43 0.00	102.64 4.23 0.00	79.59 2.72 -1.19	68.58 2.69 -1.95
REYNLDPA_13_KV_LD 356490	50.43 0.70 0.00	43.89 0.69 0.00	40.50 0.60 0.00	36.74 0.61 0.00	36.55 0.58 0.00	39.84 0.63 0.00	44.55 0.70 0.00	48.02 0.80 0.00	49.27 0.63 0.00	51.70 0.71 0.00	56.06 0.83 0.00	64.57 0.77 0.00	73.24 1.01 0.00	96.57 0.29 0.00	104.23 -0.21 0.00	109.20 -1.55 0.00	132.92 -2.99 0.00	160.35 -3.61 0.00	154.28 -3.63 0.00	124.77 -3.33 0.00	124.36 -1.77 0.00	98.12 -0.30 0.00	75.26 1.36 1.78	62.25 1.21 2.91
REYNOLDS_115KV_TB3 80639	50.78 1.04 0.00	44.15 0.95 0.00	40.86 0.96 0.00	37.06 0.94 0.00	36.95 0.97 0.00	40.24 1.02 0.00	44.90 1.05 0.00	48.35 1.13 0.00	49.76 1.12 0.00	51.80 0.82 0.00	55.84 0.61 0.00	64.38 0.57 0.00	72.80 0.58 0.00	97.34 1.06 0.00	106.11 1.67 0.00	113.74 2.99 0.00	140.94 5.03 0.00	221.35 6.72 -50.67	315.46 5.53 -152.02	293.92 4.23 -161.58	229.32 3.03 -100.16	146.36 1.87 -46.08	76.73 1.06 0.00	64.90 0.96 0.00
RIVERBAY____ 323610	52.08 2.34 -0.01	45.61 2.42 0.00	42.13 2.23 0.00	38.08 1.95 0.00	37.96 1.98 0.00	41.49 2.27 0.00	46.52 2.67 0.00	50.00 2.79 0.00	51.85 3.21 0.00	54.30 3.31 0.00	58.49 3.26 0.00	66.87 3.06 0.00	75.55 3.32 0.00	100.90 4.62 0.00	109.67 5.22 0.00	118.61 7.86 0.00	148.83 12.91 -0.01	188.83 16.56 -8.32	197.07 14.21 -24.94	165.37 10.76 -26.50	149.87 7.32 -16.42	109.90 3.94 -7.56	77.87 2.19 0.00	65.99 2.05 0.00
RIVERSDE_115KV_TB3 55908	50.88 1.14 0.00	44.19 0.99 0.00	40.90 1.00 0.00	37.10 0.98 0.00	36.99 1.01 0.00	40.28 1.06 0.00	44.98 1.14 0.00	48.40 1.18 0.00	49.81 1.17 0.00	51.85 0.87 0.00	55.90 0.66 0.00	64.51 0.70 0.00	72.95 0.72 0.00	97.53 1.25 0.00	106.43 1.98 0.00	113.96 3.21 0.00	141.08 5.16 0.00	222.37 7.05 -51.37	317.86 5.84 -154.10	296.39 4.48 -163.80	231.07 3.41 -101.53	147.19 2.07 -46.71	76.88 1.21 0.00	65.10 1.15 0.00
ROARING___BROOK_WT_PWR 323790	49.34 -0.40 0.00	42.76 -0.43 0.00	39.46 -0.44 0.00	35.76 -0.36 0.00	35.65 -0.32 0.00	38.86 -0.35 0.00	43.49 -0.35 0.00	46.94 -0.28 0.00	48.45 -0.19 0.00	50.89 -0.10 0.00	55.23 0.00 0.00	63.74 -0.06 0.00	72.22 0.00 0.00	95.80 -0.48 0.00	103.82 -0.62 0.00	109.86 -0.89 0.00	134.55 -1.36 0.00	162.48 -1.48 0.00	156.34 -1.58 0.00	126.57 -1.53 0.00	124.62 -1.51 0.00	97.24 -1.18 0.00	74.92 -0.76 0.00	63.37 -0.58 0.00

ROCHESRG_115KV_T4 355643	49.93 0.20 0.00	43.37 0.17 0.00	39.82 -0.08 0.00	35.73 -0.40 0.00	35.48 -0.50 0.00	38.63 -0.59 0.00	43.14 -0.70 0.00	46.37 -0.85 0.00	47.86 -0.78 0.00	51.29 0.31 0.00	56.12 0.88 0.00	66.04 2.23 0.00	74.61 2.38 0.00	99.85 3.56 0.00	107.68 3.24 0.00	115.18 4.43 0.00	140.80 4.89 0.00	166.42 2.46 0.00	162.81 4.90 0.00	135.41 7.30 0.00	132.44 6.31 0.00	101.86 3.44 0.00	77.11 1.44 0.00	64.90 0.96 0.00
ROCHESTER_9_IC 23652	50.28 0.55 0.00	43.67 0.48 0.00	40.10 0.20 0.00	35.94 -0.18 0.00	35.69 -0.29 0.00	38.90 -0.31 0.00	43.45 -0.39 0.00	46.70 -0.52 0.00	48.15 -0.49 0.00	51.65 0.66 0.00	56.56 1.33 0.00	66.61 2.81 0.00	75.33 3.11 0.00	100.81 4.53 0.00	108.83 4.39 0.00	116.40 5.65 0.00	142.30 6.39 0.00	168.22 4.26 0.00	164.71 6.79 0.00	136.94 8.84 0.00	133.82 7.69 0.00	102.84 4.43 0.00	77.79 2.12 0.00	65.42 1.47 0.00
ROCKVIEW_13_KV_LD 356306	51.23 1.49 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.24 1.12 0.00	37.17 1.19 0.00	40.55 1.33 0.00	45.47 1.62 0.00	48.96 1.75 0.00	50.88 2.24 0.00	53.28 2.29 0.00	57.61 2.38 0.00	66.23 2.42 0.00	74.68 2.46 0.00	100.13 3.85 0.00	109.04 4.60 0.00	117.28 6.53 0.00	145.97 10.06 0.00	185.71 13.44 -8.31	193.74 10.90 -24.93	162.93 8.33 -26.50	148.73 6.18 -16.42	109.02 3.05 -7.56	77.11 1.44 0.00	65.35 1.41 0.00
ROME____115KV_TB2 80656	51.68 1.94 0.00	44.62 1.43 0.00	41.10 1.20 0.00	37.10 0.98 0.00	36.91 0.94 0.00	40.35 1.14 0.00	45.29 1.45 0.00	48.87 1.65 0.00	50.34 1.70 0.00	52.52 1.53 0.00	56.89 1.66 0.00	65.47 1.66 0.00	74.17 1.95 0.00	99.36 3.08 0.00	107.68 3.24 0.00	114.74 3.99 0.00	141.35 5.44 0.00	171.33 7.38 0.00	165.97 8.05 0.00	135.79 7.69 0.00	132.56 6.43 0.00	102.64 4.23 0.00	79.59 2.72 -1.19	68.58 2.69 -1.95
ROSETON____1 23587	50.58 0.84 0.00	43.93 0.73 0.00	40.66 0.76 0.00	36.85 0.72 0.00	36.74 0.76 0.00	40.08 0.86 0.00	44.85 1.01 0.00	48.30 1.09 0.00	50.00 1.36 0.00	52.26 1.28 0.00	56.45 1.21 0.00	64.82 1.02 0.00	73.16 0.94 0.00	98.11 1.82 0.00	106.74 2.29 0.00	114.62 3.87 0.00	142.30 6.39 0.00	180.88 8.85 -8.07	189.25 7.11 -24.22	158.98 5.13 -25.74	145.49 3.41 -15.96	107.13 1.38 -7.34	76.13 0.46 0.00	64.52 0.57 0.00
ROSETON____2 23588	50.58 0.84 0.00	43.93 0.73 0.00	40.66 0.76 0.00	36.85 0.72 0.00	36.74 0.76 0.00	40.08 0.86 0.00	44.85 1.01 0.00	48.30 1.09 0.00	50.00 1.36 0.00	52.26 1.28 0.00	56.45 1.21 0.00	64.82 1.02 0.00	73.16 0.94 0.00	98.11 1.82 0.00	106.74 2.29 0.00	114.62 3.87 0.00	142.30 6.39 0.00	180.88 8.85 -8.07	189.25 7.11 -24.22	158.98 5.13 -25.74	145.49 3.41 -15.96	107.13 1.38 -7.34	76.13 0.46 0.00	64.52 0.57 0.00
ROTTRDAM_115KV_TB3 80664	50.73 0.99 0.00	44.06 0.86 0.00	40.74 0.84 0.00	36.92 0.79 0.00	36.77 0.79 0.00	40.08 0.86 0.00	44.77 0.92 0.00	48.16 0.94 0.00	49.47 0.83 0.00	51.55 0.56 0.00	55.62 0.39 0.00	64.19 0.38 0.00	72.59 0.36 0.00	97.15 0.87 0.00	105.80 1.36 0.00	113.08 2.33 0.00	139.72 3.81 0.00	262.13 5.57 -92.60	441.09 5.37 -277.81	427.87 4.48 -295.28	312.96 3.78 -183.04	185.08 2.46 -84.20	77.19 1.51 0.00	65.16 1.21 0.00
RUSSELL____1 23602	50.63 0.90 0.00	43.89 0.69 0.00	40.34 0.44 0.00	36.16 0.04 0.00	35.87 -0.11 0.00	39.10 -0.12 0.00	43.67 -0.18 0.00	46.98 -0.24 0.00	48.45 -0.19 0.00	52.01 1.02 0.00	56.95 1.71 0.00	67.12 3.32 0.00	75.98 3.76 0.00	101.77 5.49 0.00	109.87 5.43 0.00	117.51 6.76 0.00	143.79 7.88 0.00	170.02 6.07 0.00	166.44 8.53 0.00	138.35 10.25 0.00	135.21 9.08 0.00	103.82 5.41 0.00	78.40 2.72 0.00	65.86 1.92 0.00
RUSSELL____2 23532	50.63 0.90 0.00	43.89 0.69 0.00	40.34 0.44 0.00	36.16 0.04 0.00	35.87 -0.11 0.00	39.10 -0.12 0.00	43.67 -0.18 0.00	46.98 -0.24 0.00	48.45 -0.19 0.00	52.01 1.02 0.00	56.95 1.71 0.00	67.12 3.32 0.00	75.98 3.76 0.00	101.77 5.49 0.00	109.87 5.43 0.00	117.51 6.76 0.00	143.79 7.88 0.00	170.02 6.07 0.00	166.44 8.53 0.00	138.35 10.25 0.00	135.21 9.08 0.00	103.82 5.41 0.00	78.40 2.72 0.00	65.86 1.92 0.00
RUSSELL____3 23549	50.63 0.90 0.00	43.89 0.69 0.00	40.34 0.44 0.00	36.16 0.04 0.00	35.87 -0.11 0.00	39.10 -0.12 0.00	43.67 -0.18 0.00	46.98 -0.24 0.00	48.45 -0.19 0.00	52.01 1.02 0.00	56.95 1.71 0.00	67.12 3.32 0.00	75.98 3.76 0.00	101.77 5.49 0.00	109.87 5.43 0.00	117.51 6.76 0.00	143.79 7.88 0.00	170.02 6.07 0.00	166.44 8.53 0.00	138.35 10.25 0.00	135.21 9.08 0.00	103.82 5.41 0.00	78.40 2.72 0.00	65.86 1.92 0.00
RUSSELL____4 23556	50.63 0.90 0.00	43.89 0.69 0.00	40.34 0.44 0.00	36.16 0.04 0.00	35.87 -0.11 0.00	39.10 -0.12 0.00	43.67 -0.18 0.00	46.98 -0.24 0.00	48.45 -0.19 0.00	52.01 1.02 0.00	56.95 1.71 0.00	67.12 3.32 0.00	75.98 3.76 0.00	101.77 5.49 0.00	109.87 5.43 0.00	117.51 6.76 0.00	143.79 7.88 0.00	170.02 6.07 0.00	166.44 8.53 0.00	138.35 10.25 0.00	135.21 9.08 0.00	103.82 5.41 0.00	78.40 2.72 0.00	65.86 1.92 0.00
RUSSELL____STATION 23914	50.63 0.90 0.00	43.89 0.69 0.00	40.34 0.44 0.00	36.16 0.04 0.00	35.87 -0.11 0.00	39.10 -0.12 0.00	43.67 -0.18 0.00	46.98 -0.24 0.00	48.45 -0.19 0.00	52.01 1.02 0.00	56.95 1.71 0.00	67.12 3.32 0.00	75.98 3.76 0.00	101.77 5.49 0.00	109.87 5.43 0.00	117.51 6.76 0.00	143.79 7.88 0.00	170.02 6.07 0.00	166.44 8.53 0.00	138.35 10.25 0.00	135.21 9.08 0.00	103.82 5.41 0.00	78.40 2.72 0.00	65.86 1.92 0.00
S SALMON____HYD 24043	50.04 0.30 0.00	43.28 0.09 0.00	39.86 -0.04 0.00	35.98 -0.14 0.00	35.80 -0.18 0.00	39.10 -0.12 0.00	43.84 0.00 0.00	47.41 0.19 0.00	48.74 0.10 0.00	51.04 0.05 0.00	55.23 0.00 0.00	63.93 0.13 0.00	72.37 0.14 0.00	96.19 -0.10 0.00	104.24 -0.21 0.00	111.08 0.33 0.00	136.18 0.27 0.00	164.95 0.99 0.00	160.13 2.21 0.00	131.43 3.33 0.00	128.65 2.52 0.00	100.28 1.87 0.00	77.74 0.98 -1.09	66.37 0.64 -1.78
S.PERRY__115KV_TB1 80734	52.07 2.34 0.00	45.14 1.94 0.00	41.42 1.52 0.00	37.06 0.94 0.00	36.77 0.79 0.00	40.24 1.02 0.00	45.03 1.18 0.00	46.56 -0.66 0.00	47.47 -1.17 0.00	50.68 -0.31 0.00	55.23 0.00 0.00	64.89 1.08 0.00	73.38 1.16 0.00	95.51 -0.77 0.00	103.50 -0.94 0.00	111.08 0.33 0.00	136.46 0.54 0.00	162.32 -1.64 0.00	161.23 3.32 0.00	135.66 7.56 0.00	133.07 6.94 0.00	101.86 3.44 0.00	78.77 3.10 0.00	66.06 2.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.88 0.15 0.00	43.54 0.35 0.00	39.78 -0.12 0.00	35.44 -0.69 0.00	35.22 -0.76 0.00	38.35 -0.86 0.00	42.84 -1.01 0.00	45.71 -1.51 0.00	47.42 -1.22 0.00	51.55 0.56 0.00	56.62 1.38 0.00	67.06 3.25 0.00	75.55 3.32 0.00	101.00 4.72 0.00	108.31 3.86 0.00	116.18 5.43 0.00	141.21 5.30 0.00	164.45 0.49 0.00	162.34 4.42 0.00	137.07 8.97 0.00	133.82 7.69 0.00	102.64 4.23 0.00	77.79 2.12 0.00	65.67 1.73 0.00

SAWYER___23_KV_LOAD 55526	49.88 0.15 0.00	43.54 0.35 0.00	39.78 -0.12 0.00	35.44 -0.69 0.00	35.22 -0.76 0.00	38.35 -0.86 0.00	42.84 -1.01 0.00	45.71 -1.51 0.00	47.42 -1.22 0.00	51.55 0.56 0.00	56.62 1.38 0.00	67.06 3.25 0.00	75.55 3.32 0.00	101.00 4.72 0.00	108.31 3.86 0.00	116.18 5.43 0.00	141.21 5.30 0.00	164.45 0.49 0.00	162.34 4.42 0.00	137.07 8.97 0.00	133.82 7.69 0.00	102.64 4.23 0.00	77.79 2.12 0.00	65.67 1.73 0.00
SELKIRK___I 23801	49.74 0.00 0.00	43.24 0.04 0.00	40.02 0.12 0.00	36.31 0.18 0.00	36.16 0.18 0.00	39.37 0.16 0.00	43.93 0.09 0.00	47.22 0.00 0.00	48.45 -0.19 0.00	50.43 -0.56 0.00	54.35 -0.89 0.00	62.66 -1.15 0.00	70.85 -1.37 0.00	93.71 -1.35 1.23	99.81 -1.04 3.59	104.95 -0.22 5.58	130.72 0.82 6.01	168.85 1.64 -3.25	211.56 0.95 -52.69	194.35 0.64 -65.61	163.61 -0.13 -37.61	118.12 -0.39 -20.10	75.15 -0.53 0.00	63.63 -0.32 0.00
SELKIRK___II 23799	50.09 0.35 0.00	43.50 0.30 0.00	40.26 0.36 0.00	36.52 0.40 0.00	36.41 0.43 0.00	39.65 0.43 0.00	44.24 0.39 0.00	47.64 0.42 0.00	49.03 0.39 0.00	51.09 0.10 0.00	55.12 -0.11 0.00	63.55 -0.25 0.00	71.87 -0.36 0.00	91.65 -0.19 4.44	91.65 0.21 13.00	91.65 1.11 20.21	116.46 2.31 21.76	93.17 3.45 74.23	93.17 2.52 67.27	93.17 1.79 36.73	93.17 0.89 33.85	93.17 0.20 5.44	75.52 -0.15 0.00	64.01 0.06 0.00
SENECA OSWGO___HYD 24041	48.99 -0.74 0.00	42.50 -0.69 0.00	39.18 -0.72 0.00	35.36 -0.76 0.00	35.22 -0.76 0.00	38.43 -0.78 0.00	43.06 -0.79 0.00	46.41 -0.80 0.00	47.81 -0.83 0.00	50.22 -0.76 0.00	54.46 -0.77 0.00	63.17 -0.64 0.00	71.43 -0.79 0.00	95.51 -0.77 0.00	103.72 -0.73 0.00	110.53 -0.22 0.00	135.78 -0.14 0.00	163.63 -0.33 0.00	158.39 0.48 0.00	129.38 1.28 0.00	126.76 0.63 0.00	98.22 -0.20 0.00	74.84 -0.83 0.00	63.11 -0.83 0.00
SENECA___115KV_TB3 355854	50.33 0.60 0.00	43.84 0.65 0.00	40.10 0.20 0.00	35.69 -0.43 0.00	35.48 -0.50 0.00	38.71 -0.51 0.00	43.27 -0.57 0.00	46.23 -0.99 0.00	47.96 -0.68 0.00	52.11 1.12 0.00	57.22 1.99 0.00	67.83 4.02 0.00	76.56 4.33 0.00	102.44 6.16 0.00	109.77 5.33 0.00	117.84 7.09 0.00	143.25 7.34 0.00	167.24 3.28 0.00	165.18 7.26 0.00	139.38 11.27 0.00	135.72 9.59 0.00	104.02 5.61 0.00	78.85 3.18 0.00	66.50 2.56 0.00
SENECA___ENERGY 23797	49.84 0.10 0.00	43.33 0.13 0.00	39.82 -0.08 0.00	35.83 -0.29 0.00	35.65 -0.32 0.00	38.98 -0.23 0.00	43.71 -0.13 0.00	47.12 -0.09 0.00	48.45 -0.19 0.00	51.19 0.20 0.00	55.73 0.50 0.00	65.08 1.28 0.00	73.53 1.30 0.00	98.40 2.12 0.00	106.64 2.20 0.00	113.85 3.10 0.00	139.31 3.40 0.00	167.06 3.11 0.00	162.82 4.90 0.00	134.13 6.02 0.00	130.92 4.79 0.00	100.87 2.46 0.00	76.88 1.21 0.00	64.72 0.77 0.00
SHOEMAKER___GT 23640	50.53 0.79 0.00	43.88 0.69 0.00	40.62 0.72 0.00	36.78 0.65 0.00	36.66 0.68 0.00	40.00 0.78 0.00	44.72 0.88 0.00	48.16 0.94 0.00	49.81 1.17 0.00	52.06 1.07 0.00	56.23 1.00 0.00	64.70 0.89 0.00	73.09 0.87 0.00	98.02 1.73 0.00	106.64 2.20 0.00	114.29 3.54 0.00	141.89 5.97 0.00	179.86 8.36 -7.55	187.50 6.94 -22.65	157.43 5.25 -24.07	144.71 3.66 -14.92	106.95 1.67 -6.86	76.35 0.68 0.00	64.58 0.64 0.00
SHOEMAKR_138KV_BK 111 55601	50.48 0.75 0.00	43.84 0.65 0.00	40.58 0.68 0.00	36.77 0.65 0.00	36.63 0.65 0.00	39.96 0.75 0.00	44.72 0.88 0.00	48.16 0.94 0.00	49.81 1.17 0.00	52.06 1.07 0.00	56.28 1.05 0.00	64.76 0.96 0.00	73.16 0.94 0.00	97.92 1.64 0.00	106.64 2.19 0.00	114.41 3.65 0.00	141.89 5.98 0.00	179.81 8.36 -7.49	187.19 6.79 -22.48	157.12 5.12 -23.90	144.47 3.53 -14.81	106.80 1.57 -6.81	76.28 0.61 0.00	64.58 0.64 0.00
SHOREHAM_IC_1 23715	50.48 0.75 0.00	43.50 0.30 0.00	40.10 0.20 0.00	36.45 0.32 0.00	36.38 0.40 0.00	39.49 0.28 0.00	44.15 0.31 0.00	47.08 -0.14 0.00	49.66 1.02 0.00	51.85 0.87 0.00	57.05 1.82 0.00	64.89 1.08 0.00	69.66 -0.29 2.28	81.26 0.58 15.60	94.93 1.04 10.55	113.47 3.54 0.83	141.88 5.97 0.01	178.94 10.50 -4.48	185.19 6.48 -20.80	131.09 3.72 0.73	95.10 1.52 32.55	75.44 -0.29 22.68	69.14 -1.36 5.17	64.52 0.57 0.00
SHOREHAM_IC_2 23716	50.58 0.85 0.00	43.50 0.30 0.00	40.10 0.20 0.00	36.45 0.33 0.00	36.37 0.40 0.00	39.57 0.35 0.00	44.15 0.31 0.00	47.08 -0.14 0.00	49.71 1.07 0.00	51.91 0.92 0.00	57.22 1.99 0.00	66.23 2.42 0.00	69.66 -0.29 2.28	81.16 0.48 15.60	94.83 0.94 10.55	113.36 3.43 0.83	141.88 5.98 0.01	178.93 10.49 -4.48	185.19 6.47 -20.80	131.09 3.72 0.73	95.35 1.77 32.55	75.44 -0.30 22.68	69.14 -1.36 5.17	64.90 0.96 0.00
SISSONVILLE____ 23735	50.98 1.24 0.00	44.23 1.04 0.00	40.82 0.92 0.00	37.03 0.90 0.00	36.81 0.83 0.00	40.16 0.94 0.00	45.07 1.23 0.00	48.59 1.37 0.00	49.81 1.17 0.00	52.16 1.17 0.00	56.56 1.33 0.00	65.15 1.34 0.00	73.96 1.73 0.00	96.76 0.48 0.00	103.50 -0.94 0.00	107.43 -3.32 0.00	130.34 -5.57 0.00	157.73 -6.23 0.00	152.23 -5.69 0.00	123.49 -4.61 0.00	122.98 -3.15 0.00	97.43 -0.98 0.00	91.49 2.35 -13.47	88.20 2.24 -22.02
SITHE_IND_GS1 24169	48.24 -1.49 0.00	41.90 -1.29 0.00	38.62 -1.28 0.00	34.90 -1.23 0.00	34.76 -1.22 0.00	37.88 -1.33 0.00	42.40 -1.45 0.00	45.71 -1.51 0.00	47.04 -1.60 0.00	49.51 -1.48 0.00	53.69 -1.55 0.00	62.28 -1.53 0.00	70.35 -1.88 0.00	94.07 -2.21 0.00	102.05 -2.40 0.00	108.54 -2.21 0.00	133.33 -2.59 0.00	160.51 -3.45 0.00	155.23 -2.69 0.00	126.57 -1.53 0.00	124.11 -2.02 0.00	96.34 -2.07 0.00	73.63 -2.04 0.00	62.16 -1.79 0.00
SITHE_IND_GS2 24170	48.24 -1.49 0.00	41.90 -1.29 0.00	38.62 -1.28 0.00	34.90 -1.23 0.00	34.76 -1.22 0.00	37.88 -1.33 0.00	42.40 -1.45 0.00	45.71 -1.51 0.00	47.04 -1.60 0.00	49.51 -1.48 0.00	53.69 -1.55 0.00	62.28 -1.53 0.00	70.35 -1.88 0.00	94.07 -2.21 0.00	102.05 -2.40 0.00	108.54 -2.21 0.00	133.33 -2.59 0.00	160.51 -3.45 0.00	155.23 -2.69 0.00	126.57 -1.53 0.00	124.11 -2.02 0.00	96.34 -2.07 0.00	73.63 -2.04 0.00	62.16 -1.79 0.00
SITHE_IND_GS3 24171	48.24 -1.49 0.00	41.90 -1.29 0.00	38.62 -1.28 0.00	34.90 -1.23 0.00	34.76 -1.22 0.00	37.88 -1.33 0.00	42.40 -1.45 0.00	45.71 -1.51 0.00	47.04 -1.60 0.00	49.51 -1.48 0.00	53.69 -1.55 0.00	62.28 -1.53 0.00	70.35 -1.88 0.00	94.07 -2.21 0.00	102.05 -2.40 0.00	108.54 -2.21 0.00	133.33 -2.59 0.00	160.51 -3.45 0.00	155.23 -2.69 0.00	126.57 -1.53 0.00	124.11 -2.02 0.00	96.34 -2.07 0.00	73.63 -2.04 0.00	62.16 -1.79 0.00
SITHE_IND_GS4 24172	48.24 -1.49 0.00	41.90 -1.29 0.00	38.62 -1.28 0.00	34.90 -1.23 0.00	34.76 -1.22 0.00	37.88 -1.33 0.00	42.40 -1.45 0.00	45.71 -1.51 0.00	47.04 -1.60 0.00	49.51 -1.48 0.00	53.69 -1.55 0.00	62.28 -1.53 0.00	70.35 -1.88 0.00	94.07 -2.21 0.00	102.05 -2.40 0.00	108.54 -2.21 0.00	133.33 -2.59 0.00	160.51 -3.45 0.00	155.23 -2.69 0.00	126.57 -1.53 0.00	124.11 -2.02 0.00	96.34 -2.07 0.00	73.63 -2.04 0.00	62.16 -1.79 0.00

SITHE___BATAVIA 24024	51.18 1.44 0.00	44.28 1.08 0.00	40.54 0.64 0.00	36.38 0.25 0.00	36.09 0.11 0.00	39.37 0.16 0.00	43.89 0.04 0.00	47.03 -0.19 0.00	48.54 -0.10 0.00	52.52 1.53 0.00	57.50 2.27 0.00	67.38 3.57 0.00	75.62 3.40 0.00	101.38 5.10 0.00	108.73 4.28 0.00	116.73 5.98 0.00	142.44 6.52 0.00	166.91 2.95 0.00	165.03 7.11 0.00	138.99 10.88 0.00	135.71 9.58 0.00	103.53 5.11 0.00	78.25 2.57 0.00	67.27 3.32 0.00
SITHE___INDEPEND 23800	48.24 -1.49 0.00	41.90 -1.30 0.00	38.62 -1.28 0.00	34.90 -1.23 0.00	34.76 -1.22 0.00	37.88 -1.33 0.00	42.40 -1.45 0.00	45.66 -1.56 0.00	47.03 -1.61 0.00	49.46 -1.53 0.00	53.69 -1.55 0.00	62.21 -1.60 0.00	70.42 -1.81 0.00	94.07 -2.21 0.00	102.04 -2.40 0.00	108.54 -2.22 0.00	133.33 -2.58 0.00	160.51 -3.44 0.00	155.23 -2.68 0.00	126.57 -1.54 0.00	124.24 -1.89 0.00	96.35 -2.07 0.00	73.63 -2.04 0.00	62.15 -1.79 0.00
SITHE___MASSENA 23902	50.83 1.09 0.00	44.19 0.99 0.00	40.82 0.92 0.00	36.99 0.87 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.89 1.05 0.00	48.26 1.04 0.00	49.56 0.92 0.00	52.01 1.02 0.00	56.40 1.16 0.00	65.02 1.21 0.00	73.81 1.59 0.00	96.67 0.39 0.00	104.03 -0.42 0.00	108.97 -1.78 0.00	132.65 -3.26 0.00	160.02 -3.94 0.00	154.29 -3.63 0.00	124.91 -3.20 0.00	124.36 -1.77 0.00	98.31 -0.10 0.00	97.31 2.04 -19.59	97.75 1.79 -32.02
SITHE___OGDNSBRG 24021	51.87 2.14 0.00	45.01 1.81 0.00	41.54 1.64 0.00	37.64 1.52 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.73 1.89 0.00	49.15 1.94 0.00	50.15 1.51 0.00	52.47 1.48 0.00	56.84 1.60 0.00	65.40 1.60 0.00	74.32 2.09 0.00	97.25 0.96 0.00	104.34 -0.10 0.00	108.76 -1.99 0.00	132.38 -3.53 0.00	160.51 -3.44 0.00	155.55 -2.37 0.00	126.82 -1.28 0.00	126.51 0.38 0.00	100.09 1.67 0.00	95.31 3.78 -15.85	93.17 3.33 -25.90
SITHE___STERLING 23777	51.13 1.39 0.00	44.23 1.03 0.00	40.74 0.84 0.00	36.78 0.65 0.00	36.63 0.65 0.00	40.00 0.78 0.00	44.85 1.01 0.00	48.40 1.18 0.00	49.76 1.12 0.00	52.06 1.07 0.00	56.40 1.16 0.00	64.70 0.89 0.00	73.31 1.08 0.00	98.02 1.73 0.00	106.53 2.09 0.00	113.52 2.77 0.00	139.86 3.94 0.00	169.20 5.25 0.00	163.92 6.00 0.00	134.00 5.90 0.00	130.92 4.79 0.00	101.56 3.15 0.00	78.12 1.66 -0.78	67.21 1.98 -1.28
SLEIGHT__34_KV_TB1 80719	49.84 0.10 0.00	43.24 0.04 0.00	39.74 -0.16 0.00	35.69 -0.43 0.00	35.48 -0.50 0.00	38.71 -0.51 0.00	43.36 -0.48 0.00	46.70 -0.52 0.00	48.06 -0.58 0.00	51.19 0.20 0.00	55.90 0.66 0.00	65.53 1.72 0.00	74.17 1.95 0.00	99.46 3.18 0.00	107.58 3.13 0.00	114.85 4.10 0.00	140.80 4.89 0.00	167.73 3.77 0.00	163.76 5.84 0.00	135.28 7.17 0.00	132.31 6.18 0.00	101.76 3.35 0.00	77.03 1.36 0.00	64.71 0.77 0.00
SMITHTWN_69_KV_BK 1 55830	51.28 1.54 0.00	44.15 0.95 0.00	40.62 0.72 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.81 0.96 0.00	47.69 0.47 0.00	50.34 1.70 0.00	52.62 1.63 0.00	57.94 2.71 0.00	67.06 3.25 0.00	70.61 0.65 2.26	82.49 1.73 15.52	96.14 2.19 10.50	114.47 4.54 0.82	143.11 7.20 0.01	180.10 11.64 -4.50	186.32 7.58 -20.82	132.25 4.74 0.59	97.11 3.28 32.30	76.77 0.89 22.52	70.15 -0.38 5.14	65.67 1.73 0.00
SOUTH CAIRO___GT 23612	52.12 2.39 0.00	45.18 1.99 0.00	41.70 1.80 0.00	37.71 1.59 0.00	37.56 1.58 0.00	41.02 1.80 0.00	45.82 1.97 0.00	49.25 2.03 0.00	50.20 1.56 0.00	51.91 0.92 0.00	55.84 0.61 0.00	64.45 0.64 0.00	73.02 0.79 0.00	97.13 2.41 1.56	103.32 3.45 4.57	108.63 4.98 7.10	136.28 8.02 7.65	168.65 11.48 6.78	201.37 9.16 -34.29	184.08 7.30 -48.67	158.84 6.43 -26.28	118.59 4.53 -15.65	78.93 3.25 0.00	66.63 2.69 0.00
SOUTH HAMPTN___IC 23720	51.37 1.64 0.00	44.28 1.08 0.00	40.74 0.84 0.00	37.03 0.90 0.00	36.98 1.01 0.00	40.12 0.90 0.00	44.89 1.05 0.00	47.93 0.71 0.00	50.59 1.95 0.00	52.92 1.94 0.00	58.38 3.15 0.00	66.61 2.80 0.00	71.53 1.59 2.28	83.93 3.28 15.63	97.74 3.87 10.57	116.68 6.76 0.83	145.70 9.79 0.01	183.35 14.92 -4.47	189.29 10.58 -20.79	134.12 6.78 0.77	97.67 4.16 32.62	77.26 1.57 22.72	70.34 -0.15 5.18	65.61 1.66 0.00
SOUTHDOW_115KV_TB1 355954	50.98 1.24 0.00	44.19 0.99 0.00	40.34 0.44 0.00	35.87 -0.25 0.00	35.66 -0.32 0.00	39.10 -0.12 0.00	43.93 0.09 0.00	47.22 0.00 0.00	49.22 0.58 0.00	53.49 2.50 0.00	58.88 3.65 0.00	70.00 6.19 0.00	79.16 6.93 0.00	106.20 9.92 0.00	113.63 9.19 0.00	121.94 11.19 0.00	148.42 12.50 0.00	173.79 9.84 0.00	171.81 13.90 0.00	144.63 16.53 0.00	140.38 14.25 0.00	107.56 9.15 0.00	81.27 5.60 0.00	68.36 4.41 0.00
SOUTHOLD_69_KV_BK 2 55809	52.42 2.69 0.00	45.01 1.81 0.00	41.38 1.48 0.00	37.61 1.48 0.00	37.56 1.58 0.00	40.86 1.65 0.00	45.60 1.75 0.00	48.73 1.51 0.00	51.61 2.97 0.00	54.10 3.11 0.00	59.82 4.58 0.00	69.55 5.74 0.00	73.56 3.61 2.28	86.44 5.78 15.62	100.46 6.58 10.57	119.89 9.97 0.83	149.63 13.73 0.01	188.10 19.67 -4.47	193.39 14.69 -20.79	137.20 9.86 0.77	100.20 6.68 32.62	78.84 3.15 22.72	71.33 0.83 5.18	66.89 2.94 0.00
SOUTHOLD___IC 23719	52.27 2.54 0.00	45.01 1.81 0.00	41.38 1.48 0.00	37.61 1.48 0.00	37.56 1.58 0.00	40.79 1.57 0.00	45.60 1.76 0.00	48.73 1.51 0.00	51.56 2.92 0.00	54.05 3.06 0.00	59.71 4.47 0.00	68.27 4.46 0.00	73.48 3.54 2.28	86.53 5.87 15.62	100.57 6.69 10.57	120.00 10.08 0.83	149.63 13.72 0.01	188.09 19.67 -4.47	193.40 14.69 -20.79	137.20 9.86 0.77	100.07 6.55 32.62	78.84 3.15 22.72	71.33 0.83 5.18	66.57 2.62 0.00
SOUTH_FORK_WT_PWR 323839	52.32 2.58 0.00	45.05 1.86 0.00	41.42 1.52 0.00	37.64 1.52 0.00	37.60 1.62 0.00	40.82 1.61 0.00	45.64 1.80 0.00	48.82 1.61 0.00	51.66 3.02 0.00	54.15 3.16 0.00	59.82 4.58 0.00	68.34 4.53 0.00	73.56 3.61 2.28	86.53 5.87 15.62	100.57 6.69 10.57	119.89 9.97 0.83	149.36 13.46 0.01	187.77 19.34 -4.47	192.92 14.22 -20.79	136.56 9.23 0.77	99.19 5.68 32.62	78.15 2.46 22.72	70.88 0.38 5.18	66.37 2.43 0.00
SPIERFLS_115KV_TB 1 80737	51.73 1.99 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.50 1.37 0.00	37.42 1.44 0.00	40.90 1.69 0.00	45.55 1.71 0.00	49.06 1.84 0.00	50.15 1.51 0.00	51.91 0.92 0.00	55.46 0.22 0.00	64.06 0.26 0.00	72.44 0.22 0.00	97.25 0.96 0.00	106.32 1.88 0.00	114.29 3.54 0.00	142.03 6.12 0.00	258.64 9.02 -85.67	425.19 10.26 -257.01	409.74 8.45 -273.18	303.67 8.20 -169.34	182.22 5.90 -77.90	79.46 3.78 0.00	66.82 2.88 0.00
ST LAWRENCE____ 23600	49.94 0.20 0.00	43.41 0.22 0.00	40.10 0.20 0.00	36.34 0.22 0.00	36.20 0.22 0.00	39.45 0.24 0.00	44.11 0.26 0.00	47.46 0.24 0.00	48.79 0.15 0.00	51.19 0.20 0.00	55.51 0.28 0.00	64.06 0.26 0.00	72.66 0.44 0.00	95.90 -0.38 0.00	103.72 -0.73 0.00	108.76 -1.99 0.00	132.38 -3.53 0.00	159.69 -4.26 0.00	153.66 -4.26 0.00	124.13 -3.97 0.00	123.73 -2.40 0.00	97.52 -0.89 0.00	74.88 0.53 1.33	62.37 0.45 2.03

STATE_CA_115KV_115_LB 55624	51.08 1.34 0.00	44.41 1.21 0.00	41.06 1.16 0.00	37.21 1.08 0.00	37.09 1.12 0.00	40.43 1.22 0.00	45.12 1.27 0.00	48.59 1.37 0.00	50.00 1.36 0.00	52.06 1.07 0.00	56.12 0.88 0.00	64.76 0.96 0.00	73.24 1.01 0.00	98.02 1.73 0.00	106.95 2.51 0.00	114.52 3.77 0.00	141.76 5.84 0.00	229.07 7.87 -57.25	336.45 6.79 -171.74	315.78 5.12 -182.55	243.45 4.16 -113.16	153.22 2.76 -52.06	77.34 1.66 0.00	65.48 1.53 0.00
STATE_ST_34_KV_LOAD 55959	50.03 0.30 0.00	43.41 0.22 0.00	39.98 0.08 0.00	35.98 -0.14 0.00	35.84 -0.14 0.00	39.14 -0.08 0.00	43.89 0.04 0.00	47.27 0.05 0.00	48.54 -0.10 0.00	51.19 0.20 0.00	55.68 0.44 0.00	64.70 0.89 0.00	73.24 1.01 0.00	98.02 1.73 0.00	106.43 1.98 0.00	113.52 2.77 0.00	139.45 3.53 0.00	167.73 3.77 0.00	163.13 5.21 0.00	133.87 5.76 0.00	130.92 4.79 0.00	101.07 2.66 0.00	76.88 1.21 0.00	64.65 0.70 0.00
STATION_5_MISC_HYD 23604	50.28 0.55 0.00	43.67 0.48 0.00	40.10 0.20 0.00	35.94 -0.18 0.00	35.69 -0.29 0.00	38.90 -0.32 0.00	43.45 -0.40 0.00	46.79 -0.43 0.00	48.30 -0.34 0.00	51.75 0.77 0.00	56.67 1.43 0.00	66.93 3.13 0.00	75.33 3.10 0.00	100.90 4.62 0.00	108.83 4.39 0.00	116.40 5.65 0.00	142.30 6.39 0.00	168.21 4.26 0.00	164.70 6.79 0.00	136.94 8.83 0.00	133.83 7.69 0.00	102.64 4.23 0.00	77.79 2.12 0.00	65.48 1.53 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	50.03 0.30 0.00	43.45 0.26 0.00	39.94 0.04 0.00	35.87 -0.25 0.00	35.66 -0.32 0.00	38.90 -0.31 0.00	43.54 -0.31 0.00	46.84 -0.38 0.00	48.20 -0.44 0.00	51.34 0.36 0.00	56.12 0.88 0.00	65.79 1.98 0.00	74.46 2.24 0.00	99.75 3.47 0.00	107.79 3.34 0.00	115.18 4.43 0.00	140.94 5.03 0.00	167.89 3.93 0.00	164.08 6.16 0.00	135.66 7.56 0.00	132.56 6.43 0.00	101.96 3.54 0.00	77.34 1.66 0.00	65.03 1.09 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	49.98 0.25 0.00	43.37 0.17 0.00	39.86 -0.04 0.00	35.73 -0.40 0.00	35.48 -0.50 0.00	38.67 -0.55 0.00	43.19 -0.66 0.00	46.46 -0.76 0.00	47.96 -0.68 0.00	51.34 0.36 0.00	56.23 0.99 0.00	66.17 2.36 0.00	74.82 2.60 0.00	100.23 3.95 0.00	108.20 3.76 0.00	115.73 4.98 0.00	141.48 5.57 0.00	167.56 3.61 0.00	163.92 6.00 0.00	136.05 7.94 0.00	132.94 6.81 0.00	102.15 3.74 0.00	77.26 1.59 0.00	64.97 1.02 0.00
STA_56___34_KV_BUS2 355983	49.98 0.25 0.00	43.37 0.17 0.00	39.86 -0.04 0.00	35.73 -0.40 0.00	35.48 -0.50 0.00	38.67 -0.55 0.00	43.19 -0.66 0.00	46.46 -0.76 0.00	47.96 -0.68 0.00	51.34 0.36 0.00	56.23 0.99 0.00	66.17 2.36 0.00	74.82 2.60 0.00	100.23 3.95 0.00	108.20 3.76 0.00	115.73 4.98 0.00	141.48 5.57 0.00	167.56 3.61 0.00	163.92 6.00 0.00	136.05 7.94 0.00	132.94 6.81 0.00	102.15 3.74 0.00	77.26 1.59 0.00	64.97 1.02 0.00
STA_67___115KV_BK2 355882	50.13 0.40 0.00	43.54 0.35 0.00	39.98 0.08 0.00	35.87 -0.25 0.00	35.58 -0.40 0.00	38.78 -0.43 0.00	43.32 -0.53 0.00	46.56 -0.66 0.00	48.01 -0.63 0.00	51.50 0.51 0.00	56.39 1.16 0.00	66.36 2.55 0.00	75.04 2.82 0.00	100.42 4.14 0.00	108.41 3.97 0.00	115.85 5.09 0.00	141.62 5.71 0.00	167.40 3.44 0.00	163.92 6.00 0.00	136.30 8.20 0.00	133.32 7.19 0.00	102.45 4.03 0.00	77.56 1.89 0.00	65.22 1.28 0.00
STA_7___115KV_9TRANS 80674	50.63 0.90 0.00	43.89 0.69 0.00	40.34 0.44 0.00	36.16 0.04 0.00	35.87 -0.11 0.00	39.10 -0.12 0.00	43.67 -0.18 0.00	46.98 -0.24 0.00	48.45 -0.19 0.00	52.01 1.02 0.00	56.95 1.71 0.00	67.12 3.32 0.00	75.98 3.76 0.00	101.77 5.49 0.00	109.87 5.43 0.00	117.51 6.76 0.00	143.79 7.88 0.00	170.02 6.07 0.00	166.44 8.53 0.00	138.35 10.25 0.00	135.21 9.08 0.00	103.82 5.41 0.00	78.40 2.72 0.00	65.86 1.92 0.00
STA_82___115KV_TB1 80780	50.13 0.40 0.00	43.54 0.35 0.00	40.02 0.12 0.00	35.87 -0.25 0.00	35.62 -0.36 0.00	38.78 -0.43 0.00	43.36 -0.48 0.00	46.56 -0.66 0.00	48.06 -0.58 0.00	51.50 0.51 0.00	56.39 1.16 0.00	66.36 2.55 0.00	75.04 2.82 0.00	100.42 4.14 0.00	108.41 3.97 0.00	115.85 5.09 0.00	141.62 5.71 0.00	167.56 3.61 0.00	163.92 6.00 0.00	136.30 8.20 0.00	133.32 7.19 0.00	102.45 4.03 0.00	77.56 1.89 0.00	65.22 1.28 0.00
STEEL___WIND 323596	50.33 0.60 0.00	43.80 0.60 0.00	40.02 0.12 0.00	35.69 -0.43 0.00	35.48 -0.50 0.00	38.67 -0.55 0.00	43.23 -0.61 0.00	46.32 -0.90 0.00	48.06 -0.58 0.00	52.16 1.17 0.00	57.28 2.04 0.00	68.21 4.40 0.00	76.34 4.11 0.00	102.25 5.97 0.00	109.46 5.01 0.00	117.62 6.87 0.00	143.11 7.20 0.00	166.91 2.95 0.00	164.86 6.94 0.00	139.12 11.02 0.00	135.46 9.33 0.00	103.62 5.21 0.00	78.70 3.03 0.00	66.63 2.69 0.00
STEPHTWN_115KV_BK_2 55603	51.23 1.49 0.00	44.49 1.30 0.00	41.14 1.24 0.00	37.28 1.16 0.00	37.17 1.19 0.00	40.51 1.29 0.00	45.25 1.40 0.00	48.73 1.51 0.00	50.05 1.41 0.00	52.06 1.07 0.00	56.17 0.94 0.00	64.83 1.02 0.00	73.31 1.08 0.00	98.11 1.83 0.00	107.05 2.61 0.00	114.74 3.99 0.00	142.16 6.25 0.00	217.94 8.36 -45.63	302.22 7.42 -136.88	279.23 5.64 -145.49	220.86 4.54 -90.19	142.95 3.05 -41.49	77.56 1.89 0.00	65.67 1.73 0.00
STEBEN_REC_LFGE 323667	50.68 0.94 0.00	44.15 0.95 0.00	40.42 0.52 0.00	36.12 0.00 0.00	35.94 -0.04 0.00	39.37 0.16 0.00	44.28 0.44 0.00	47.17 -0.05 0.00	48.40 -0.24 0.00	51.91 0.92 0.00	56.89 1.66 0.00	66.87 3.06 0.00	75.69 3.47 0.00	101.19 4.91 0.00	109.14 4.70 0.00	117.06 6.31 0.00	142.98 7.07 0.00	171.65 5.41 -2.28	174.23 9.47 -6.84	147.67 12.30 -7.27	141.48 10.85 -4.51	106.88 6.40 -2.07	79.38 3.71 0.00	66.76 2.81 0.00
STILLWATER___SOLAR 323814	51.78 2.04 0.00	44.97 1.77 0.00	41.54 1.64 0.00	37.61 1.48 0.00	37.49 1.51 0.00	40.90 1.69 0.00	45.64 1.80 0.00	49.11 1.89 0.00	50.29 1.65 0.00	52.11 1.12 0.00	56.01 0.77 0.00	64.63 0.83 0.00	73.09 0.87 0.00	98.11 1.82 0.00	107.06 2.61 0.00	114.96 4.21 0.00	142.70 6.79 0.00	255.66 9.51 -82.20	413.98 9.47 -246.59	398.02 7.82 -262.10	295.66 7.06 -162.47	178.17 5.02 -74.74	79.00 3.33 0.00	66.57 2.62 0.00
STONY___BROOK 24151	51.08 1.34 0.00	44.10 0.91 0.00	40.58 0.68 0.00	36.85 0.72 0.00	36.77 0.79 0.00	40.00 0.78 0.00	44.77 0.92 0.00	47.55 0.33 0.00	50.10 1.46 0.00	52.31 1.32 0.00	57.61 2.37 0.00	65.53 1.72 0.00	70.25 0.29 2.27	82.08 1.35 15.55	95.81 1.88 10.52	113.91 3.98 0.82	142.03 6.12 0.01	178.79 10.34 -4.49	185.21 6.48 -20.81	131.30 3.84 0.64	96.39 2.65 32.40	76.32 0.49 22.58	69.99 -0.53 5.15	65.22 1.28 0.00
STURGEON_POOL_HYD 23609	50.68 0.94 0.00	44.02 0.82 0.00	40.74 0.84 0.00	36.88 0.76 0.00	36.77 0.79 0.00	40.12 0.90 0.00	44.90 1.05 0.00	48.35 1.13 0.00	50.10 1.46 0.00	52.36 1.38 0.00	56.56 1.33 0.00	65.08 1.28 0.00	73.52 1.30 0.00	98.54 2.60 0.34	106.78 3.34 1.01	114.06 4.87 1.56	142.11 7.88 1.68	178.95 10.66 -4.34	190.69 7.74 -25.03	162.91 5.51 -29.30	147.09 3.66 -17.30	108.73 1.57 -8.74	76.35 0.68 0.00	64.65 0.70 0.00

ST_LAW_115_BK7_LBMP 345037	49.99 0.25 0.00	43.50 0.30 0.00	40.14 0.24 0.00	36.41 0.29 0.00	36.23 0.25 0.00	39.53 0.31 0.00	44.19 0.35 0.00	47.50 0.29 0.00	48.84 0.20 0.00	51.24 0.26 0.00	55.57 0.33 0.00	64.06 0.26 0.00	72.73 0.51 0.00	95.90 -0.38 0.00	103.50 -0.94 0.00	108.54 -2.21 0.00	132.11 -3.80 0.00	159.20 -4.76 0.00	153.33 -4.58 0.00	123.88 -4.22 0.00	123.48 -2.65 0.00	97.52 -0.89 0.00	74.50 0.60 1.78	61.61 0.57 2.91
ST_LAW_115_BK8_LBMP 345038	49.99 0.25 0.00	43.50 0.30 0.00	40.14 0.24 0.00	36.41 0.29 0.00	36.23 0.25 0.00	39.53 0.31 0.00	44.19 0.35 0.00	47.50 0.29 0.00	48.84 0.20 0.00	51.24 0.26 0.00	55.57 0.33 0.00	64.06 0.26 0.00	72.73 0.51 0.00	95.90 -0.38 0.00	103.50 -0.94 0.00	108.54 -2.21 0.00	132.11 -3.80 0.00	159.20 -4.76 0.00	153.33 -4.58 0.00	123.88 -4.22 0.00	123.48 -2.65 0.00	97.52 -0.89 0.00	74.50 0.60 1.78	61.61 0.57 2.91
ST_LAW_230_BK5_LBMP 345035	49.94 0.20 0.00	43.41 0.22 0.00	40.10 0.20 0.00	36.34 0.22 0.00	36.20 0.22 0.00	39.45 0.24 0.00	44.11 0.26 0.00	47.46 0.24 0.00	48.79 0.15 0.00	51.19 0.20 0.00	55.51 0.28 0.00	64.06 0.26 0.00	72.66 0.44 0.00	95.90 -0.38 0.00	103.72 -0.73 0.00	108.76 -1.99 0.00	132.38 -3.53 0.00	159.69 -4.26 0.00	153.66 -4.26 0.00	124.13 -3.97 0.00	123.73 -2.40 0.00	97.52 -0.89 0.00	75.19 0.53 1.02	62.73 0.45 1.67
ST_LAW_230_BK6_LBMP 345036	49.94 0.20 0.00	43.41 0.22 0.00	40.10 0.20 0.00	36.34 0.22 0.00	36.20 0.22 0.00	39.45 0.24 0.00	44.11 0.26 0.00	47.46 0.24 0.00	48.79 0.15 0.00	51.19 0.20 0.00	55.51 0.28 0.00	64.06 0.26 0.00	72.66 0.44 0.00	95.90 -0.38 0.00	103.72 -0.73 0.00	108.76 -1.99 0.00	132.38 -3.53 0.00	159.69 -4.26 0.00	153.66 -4.26 0.00	124.13 -3.97 0.00	123.73 -2.40 0.00	97.52 -0.89 0.00	75.19 0.53 1.02	62.73 0.45 1.67
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.58 0.85 0.00	43.93 0.73 0.00	40.66 0.76 0.00	36.85 0.72 0.00	36.73 0.76 0.00	40.08 0.86 0.00	44.85 1.01 0.00	48.30 1.09 0.00	50.05 1.41 0.00	52.31 1.33 0.00	56.51 1.27 0.00	65.02 1.21 0.00	73.45 1.23 0.00	98.30 2.02 0.00	107.16 2.72 0.00	114.96 4.21 0.00	142.84 6.93 0.00	181.20 9.51 -7.73	188.70 7.58 -23.20	158.40 5.64 -24.66	145.20 3.78 -15.29	107.12 1.67 -7.03	76.28 0.61 0.00	64.65 0.70 0.00
SWANROAD_115KV_TB1 355699	48.94 -0.80 0.00	42.72 -0.48 0.00	39.54 -0.36 0.00	34.82 -1.30 0.00	34.58 -1.40 0.00	38.04 -1.18 0.00	42.35 -1.49 0.00	44.81 -2.41 0.00	46.45 -2.19 0.00	50.53 -0.46 0.00	55.46 0.22 0.00	65.66 1.85 0.00	73.89 1.66 0.00	98.69 2.41 0.00	105.70 1.25 0.00	113.41 2.66 0.00	137.68 1.77 0.00	160.02 -3.93 0.00	158.07 0.16 0.00	133.87 5.76 0.00	130.80 4.67 0.00	100.28 1.87 0.00	75.97 0.30 0.00	64.33 0.38 0.00
SYNERGY___BIOGAS 323694	50.98 1.24 0.00	44.28 1.08 0.00	40.78 0.88 0.00	36.20 0.07 0.00	35.91 -0.07 0.00	39.37 0.16 0.00	43.89 0.04 0.00	46.89 -0.33 0.00	48.40 -0.24 0.00	52.36 1.38 0.00	57.39 2.15 0.00	66.93 3.13 0.00	75.62 3.39 0.00	101.39 5.10 0.00	108.83 4.39 0.00	116.73 5.98 0.00	142.30 6.39 0.00	166.91 2.95 0.00	165.02 7.11 0.00	138.99 10.89 0.00	135.72 9.59 0.00	103.82 5.41 0.00	78.25 2.57 0.00	66.89 2.94 0.00
SYRACUSE___ENERGY_ST1 323597	49.54 -0.20 0.00	43.02 -0.17 0.00	39.62 -0.28 0.00	35.73 -0.40 0.00	35.58 -0.40 0.00	38.82 -0.39 0.00	43.54 -0.31 0.00	46.89 -0.33 0.00	48.25 -0.39 0.00	50.78 -0.20 0.00	55.18 -0.06 0.00	63.68 -0.13 0.00	72.01 -0.22 0.00	96.38 0.10 0.00	104.65 0.21 0.00	111.53 0.78 0.00	137.00 1.09 0.00	165.10 1.15 0.00	159.81 1.89 0.00	130.67 2.56 0.00	127.77 1.64 0.00	99.00 0.59 0.00	75.37 -0.30 0.00	63.56 -0.38 0.00
SYRACUSE___ENERGY_ST2 323598	49.54 -0.20 0.00	43.02 -0.17 0.00	39.62 -0.28 0.00	35.73 -0.40 0.00	35.58 -0.40 0.00	38.82 -0.39 0.00	43.54 -0.31 0.00	46.89 -0.33 0.00	48.25 -0.39 0.00	50.78 -0.20 0.00	55.18 -0.06 0.00	63.68 -0.13 0.00	72.01 -0.22 0.00	96.38 0.10 0.00	104.65 0.21 0.00	111.53 0.78 0.00	137.00 1.09 0.00	165.10 1.15 0.00	159.81 1.89 0.00	130.67 2.56 0.00	127.77 1.64 0.00	99.00 0.59 0.00	75.37 -0.30 0.00	63.56 -0.38 0.00
SYRACUSE___POWER 24017	49.39 -0.35 0.00	42.85 -0.35 0.00	39.46 -0.44 0.00	35.62 -0.51 0.00	35.48 -0.50 0.00	38.71 -0.51 0.00	43.36 -0.48 0.00	46.75 -0.47 0.00	48.15 -0.49 0.00	50.68 -0.31 0.00	55.01 -0.22 0.00	63.74 -0.06 0.00	72.15 -0.07 0.00	96.57 0.29 0.00	104.86 0.42 0.00	111.75 1.00 0.00	137.41 1.50 0.00	165.43 1.48 0.00	160.29 2.37 0.00	130.92 2.82 0.00	128.15 2.02 0.00	99.20 0.79 0.00	75.52 -0.15 0.00	63.69 -0.26 0.00
TALLMAN__138KV_BK151 55660	50.68 0.94 0.00	44.02 0.82 0.00	40.74 0.84 0.00	36.92 0.79 0.00	36.81 0.83 0.00	40.16 0.94 0.00	44.98 1.14 0.00	48.45 1.23 0.00	50.25 1.61 0.00	52.57 1.58 0.00	56.78 1.55 0.00	65.27 1.47 0.00	73.67 1.44 0.00	98.79 2.50 0.00	107.58 3.13 0.00	115.62 4.87 0.00	143.79 7.88 0.00	182.57 10.66 -7.96	190.32 8.53 -23.88	159.64 6.15 -25.38	146.15 4.29 -15.73	107.42 1.77 -7.24	76.28 0.61 0.00	64.71 0.77 0.00
TEALLAVE_115KV_TB7 355573	49.19 -0.55 0.00	42.68 -0.52 0.00	39.34 -0.56 0.00	35.51 -0.61 0.00	35.33 -0.65 0.00	38.55 -0.67 0.00	43.19 -0.66 0.00	46.56 -0.66 0.00	47.96 -0.68 0.00	50.48 -0.51 0.00	54.85 -0.39 0.00	63.62 -0.19 0.00	72.01 -0.22 0.00	96.38 0.10 0.00	104.65 0.21 0.00	111.53 0.78 0.00	137.00 1.09 0.00	164.78 0.82 0.00	159.50 1.58 0.00	130.41 2.31 0.00	127.64 1.51 0.00	98.81 0.39 0.00	75.29 -0.38 0.00	63.50 -0.45 0.00
TELGRAPH_34_KV_EAST 80808	50.08 0.35 0.00	43.58 0.39 0.00	40.14 0.24 0.00	35.58 -0.54 0.00	35.30 -0.68 0.00	38.71 -0.51 0.00	43.14 -0.70 0.00	45.94 -1.27 0.00	47.57 -1.07 0.00	51.60 0.61 0.00	56.56 1.33 0.00	66.74 2.94 0.00	75.33 3.11 0.00	100.71 4.43 0.00	107.99 3.55 0.00	115.85 5.09 0.00	141.08 5.16 0.00	164.61 0.66 0.00	162.65 4.74 0.00	137.33 9.22 0.00	134.08 7.95 0.00	102.64 4.23 0.00	77.64 1.97 0.00	65.74 1.79 0.00
TEMPLE___115KV_TB 2 55572	49.24 -0.50 0.00	42.72 -0.48 0.00	39.34 -0.56 0.00	35.51 -0.61 0.00	35.37 -0.61 0.00	38.59 -0.63 0.00	43.23 -0.61 0.00	46.60 -0.61 0.00	48.01 -0.63 0.00	50.53 -0.46 0.00	54.90 -0.33 0.00	63.68 -0.13 0.00	72.08 -0.14 0.00	96.48 0.19 0.00	104.76 0.31 0.00	111.64 0.89 0.00	137.14 1.22 0.00	164.94 0.98 0.00	159.81 1.89 0.00	130.54 2.43 0.00	127.77 1.64 0.00	98.90 0.49 0.00	75.29 -0.38 0.00	63.56 -0.38 0.00
TIANA____69_KV_BK 1 55817	51.28 1.54 0.00	44.10 0.91 0.00	40.58 0.68 0.00	36.92 0.79 0.00	36.84 0.86 0.00	40.08 0.86 0.00	44.77 0.92 0.00	47.74 0.52 0.00	50.44 1.80 0.00	52.77 1.78 0.00	58.22 2.98 0.00	67.51 3.70 0.00	71.17 1.23 2.28	83.26 2.60 15.62	97.01 3.13 10.57	115.90 5.98 0.83	144.87 8.97 0.01	182.36 13.94 -4.47	188.34 9.63 -20.79	133.61 6.28 0.77	97.42 3.91 32.62	76.97 1.28 22.72	70.19 -0.30 5.18	65.74 1.79 0.00

TILDEN___115KV_TB1 80814	49.39 -0.35 0.00	42.85 -0.35 0.00	39.46 -0.44 0.00	35.62 -0.51 0.00	35.48 -0.50 0.00	38.71 -0.51 0.00	43.36 -0.48 0.00	46.75 -0.47 0.00	48.15 -0.49 0.00	50.68 -0.31 0.00	55.01 -0.22 0.00	63.74 -0.06 0.00	72.15 -0.07 0.00	96.57 0.29 0.00	104.86 0.42 0.00	111.75 1.00 0.00	137.41 1.50 0.00	165.43 1.48 0.00	160.29 2.37 0.00	130.92 2.82 0.00	128.15 2.02 0.00	99.20 0.79 0.00	75.52 -0.15 0.00	63.69 -0.26 0.00
TRIGEN___CC 323695	51.08 1.34 0.00	44.19 0.99 0.00	40.74 0.84 0.00	36.92 0.79 0.00	36.84 0.86 0.00	40.20 0.98 0.00	44.98 1.14 0.00	48.16 0.94 0.00	50.59 1.95 0.00	52.87 1.89 0.00	57.89 2.65 0.00	66.68 2.87 0.00	72.99 1.30 0.54	94.84 2.21 3.66	104.79 2.82 2.48	115.62 4.87 0.01	143.92 8.02 0.01	183.91 11.64 -8.31	191.37 8.53 -24.93	154.91 6.02 -20.79	134.99 3.91 -4.95	100.26 1.38 -0.47	74.53 0.08 1.22	65.29 1.34 0.00
TRINITY___115KV___4 BK 55933	50.83 1.09 0.00	44.19 0.99 0.00	40.86 0.96 0.00	37.06 0.94 0.00	36.95 0.97 0.00	40.24 1.02 0.00	44.94 1.10 0.00	48.35 1.13 0.00	49.76 1.12 0.00	51.85 0.87 0.00	55.90 0.66 0.00	64.45 0.64 0.00	72.87 0.65 0.00	97.53 1.25 0.00	106.22 1.78 0.00	113.85 3.10 0.00	140.94 5.03 0.00	218.06 6.72 -47.38	305.75 5.68 -142.15	283.55 4.36 -151.09	223.07 3.28 -93.66	143.47 1.97 -43.09	76.81 1.14 0.00	65.03 1.09 0.00
UNION___PROCESSING_DRP 323587	50.18 0.45 0.00	43.54 0.35 0.00	40.02 0.12 0.00	35.87 -0.25 0.00	35.62 -0.36 0.00	38.82 -0.39 0.00	43.36 -0.48 0.00	46.56 -0.66 0.00	48.06 -0.58 0.00	51.55 0.56 0.00	56.39 1.16 0.00	66.36 2.55 0.00	75.04 2.82 0.00	100.42 4.14 0.00	108.41 3.97 0.00	115.96 5.21 0.00	141.76 5.84 0.00	167.56 3.61 0.00	164.08 6.16 0.00	136.43 8.33 0.00	133.32 7.19 0.00	102.55 4.13 0.00	77.56 1.89 0.00	65.29 1.34 0.00
UPPER HUDSON___HYD 24058	51.73 1.99 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.50 1.37 0.00	37.42 1.44 0.00	40.90 1.69 0.00	45.55 1.71 0.00	49.06 1.84 0.00	50.15 1.51 0.00	51.91 0.92 0.00	55.46 0.22 0.00	64.00 0.19 0.00	72.37 0.14 0.00	97.25 0.96 0.00	106.33 1.88 0.00	114.29 3.54 0.00	142.03 6.12 0.00	258.64 9.01 -85.67	425.19 10.26 -257.01	409.74 8.45 -273.18	303.66 8.19 -169.34	182.12 5.80 -77.90	79.45 3.78 0.00	66.83 2.88 0.00
UPPER RAQUET___HYD 24056	50.98 1.24 0.00	44.23 1.03 0.00	40.82 0.92 0.00	37.03 0.90 0.00	36.81 0.83 0.00	40.16 0.94 0.00	45.07 1.23 0.00	48.49 1.28 0.00	49.81 1.17 0.00	52.16 1.17 0.00	56.56 1.32 0.00	65.15 1.34 0.00	74.03 1.81 0.00	96.48 0.19 0.00	103.50 -0.94 0.00	107.43 -3.32 0.00	130.33 -5.58 0.00	157.73 -6.23 0.00	152.24 -5.68 0.00	123.50 -4.61 0.00	122.98 -3.15 0.00	97.83 -0.59 0.00	91.49 2.35 -13.47	88.20 2.24 -22.02
VALLEY44_115KV_TB2 355964	49.49 -0.25 0.00	43.11 -0.09 0.00	39.46 -0.44 0.00	35.22 -0.90 0.00	35.01 -0.97 0.00	38.28 -0.94 0.00	42.92 -0.92 0.00	45.80 -1.42 0.00	47.47 -1.17 0.00	51.24 0.25 0.00	56.17 0.94 0.00	66.23 2.42 0.00	74.75 2.53 0.00	100.23 3.95 0.00	107.58 3.13 0.00	115.40 4.65 0.00	140.80 4.89 0.00	165.27 1.31 0.00	162.97 5.05 0.00	136.94 8.84 0.00	133.32 7.19 0.00	102.35 3.94 0.00	77.49 1.82 0.00	65.48 1.53 0.00
VALLEY___115KV_TB 1-4 80826	49.79 0.05 0.00	43.15 -0.04 0.00	39.86 -0.04 0.00	36.05 -0.07 0.00	35.94 -0.04 0.00	39.18 -0.04 0.00	43.89 0.04 0.00	47.31 0.09 0.00	48.69 0.05 0.00	50.94 -0.05 0.00	55.12 -0.11 0.00	63.68 -0.13 0.00	72.08 -0.14 0.00	96.38 0.10 0.00	104.65 0.21 0.00	111.42 0.66 0.00	137.00 1.09 0.00	165.60 1.64 0.00	159.50 1.58 0.00	129.51 1.41 0.00	126.89 0.76 0.00	98.81 0.39 0.00	75.60 -0.08 0.00	63.95 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.43 1.69 0.00	44.58 1.38 0.00	41.18 1.28 0.00	37.28 1.16 0.00	37.13 1.15 0.00	40.47 1.25 0.00	45.25 1.40 0.00	48.82 1.61 0.00	50.34 1.70 0.00	52.62 1.63 0.00	56.95 1.71 0.00	65.91 2.11 0.00	74.54 2.31 0.00	99.94 3.66 0.00	108.62 4.18 0.00	116.07 5.32 0.00	142.98 7.07 0.00	184.75 9.02 -11.77	202.40 9.16 -35.32	173.72 8.07 -37.54	156.09 6.68 -23.27	113.64 4.53 -10.71	78.25 2.57 0.00	66.12 2.17 0.00
VISCHER___FERRY HYD 24020	51.23 1.49 0.00	44.49 1.29 0.00	41.14 1.24 0.00	37.31 1.19 0.00	37.16 1.19 0.00	40.55 1.33 0.00	45.25 1.40 0.00	48.73 1.51 0.00	50.10 1.46 0.00	52.06 1.07 0.00	56.01 0.77 0.00	64.58 0.77 0.00	73.02 0.80 0.00	97.92 1.64 0.00	106.74 2.29 0.00	114.62 3.87 0.00	142.17 6.26 0.00	242.53 8.36 -70.21	375.98 7.42 -210.64	357.90 5.90 -223.90	269.71 4.79 -138.79	165.41 3.15 -63.85	77.64 1.96 0.00	65.54 1.60 0.00
V_A_10_SYNC_DSASP 323832	49.44 -0.30 0.00	43.15 -0.04 0.00	39.50 -0.40 0.00	35.33 -0.79 0.00	35.08 -0.90 0.00	38.16 -1.06 0.00	42.62 -1.23 0.00	45.52 -1.70 0.00	47.13 -1.51 0.00	50.94 -0.05 0.00	55.84 0.61 0.00	65.91 2.11 0.00	74.25 2.02 0.00	99.17 2.89 0.00	106.64 2.19 0.00	114.18 3.43 0.00	139.04 3.13 0.00	162.64 -1.31 0.00	159.81 1.89 0.00	134.38 6.28 0.00	131.43 5.30 0.00	100.87 2.46 0.00	76.50 0.83 0.00	64.58 0.64 0.00
V_CMM_10_SYNC_DSASP 323787	50.23 0.50 0.00	43.67 0.48 0.00	40.34 0.44 0.00	36.59 0.47 0.00	36.41 0.43 0.00	39.69 0.47 0.00	44.37 0.53 0.00	47.74 0.52 0.00	49.08 0.44 0.00	51.45 0.46 0.00	55.84 0.61 0.00	64.32 0.51 0.00	73.02 0.80 0.00	96.19 -0.10 0.00	103.92 -0.52 0.00	108.87 -1.88 0.00	132.52 -3.39 0.00	159.86 -4.09 0.00	153.81 -4.11 0.00	124.38 -3.72 0.00	123.86 -2.27 0.00	97.83 -0.59 0.00	74.87 0.98 1.78	61.93 0.89 2.91
V_CMP_10_SYNC_DSASP 323788	49.89 0.15 0.00	43.67 0.48 0.00	40.30 0.40 0.00	36.63 0.51 0.00	36.45 0.47 0.00	39.76 0.55 0.00	44.50 0.66 0.00	47.64 0.42 0.00	49.03 0.39 0.00	51.50 0.51 0.00	55.90 0.67 0.00	64.38 0.57 0.00	73.16 0.94 0.00	96.28 0.00 0.00	104.03 -0.42 0.00	108.97 -1.78 0.00	132.79 -3.12 0.00	160.19 -3.76 0.00	154.44 -3.47 0.00	124.91 -3.20 0.00	124.36 -1.77 0.00	97.92 -0.49 0.00	76.58 0.91 0.00	64.65 0.70 0.00
V_D_10_SYNC_DSASP 323841	50.83 1.09 0.00	44.19 0.99 0.00	40.78 0.88 0.00	36.99 0.87 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.85 1.01 0.00	48.26 1.04 0.00	49.56 0.92 0.00	52.01 1.02 0.00	56.40 1.16 0.00	65.02 1.21 0.00	73.81 1.59 0.00	96.67 0.39 0.00	104.03 -0.42 0.00	109.09 -1.66 0.00	132.65 -3.26 0.00	160.19 -3.76 0.00	154.29 -3.63 0.00	124.91 -3.20 0.00	124.49 -1.64 0.00	98.41 0.00 -19.68	97.32 1.96 -32.16	97.89 1.79 0.00
V_E_10_SYNC_DSASP 323830	53.57 3.83 0.00	46.22 3.02 0.00	42.49 2.59 0.00	38.26 2.13 0.00	38.06 2.09 0.00	41.73 2.51 0.00	46.96 3.11 0.00	50.80 3.59 0.00	51.90 3.26 0.00	54.00 3.01 0.00	58.55 3.31 0.00	68.21 4.40 0.00	77.14 4.91 0.00	103.89 7.60 0.00	112.80 8.36 0.00	120.93 10.18 0.00	149.09 13.18 0.00	186.74 17.37 -5.41	193.73 19.58 -16.23	163.93 18.57 -17.25	153.10 16.28 -10.69	114.35 11.02 -4.92	82.40 6.73 0.00	69.32 5.37 0.00

V_F_30_NSYNC___DSASP 323816	51.82 2.09 0.00	45.01 1.81 0.00	41.58 1.68 0.00	37.64 1.52 0.00	37.53 1.55 0.00	40.94 1.72 0.00	45.69 1.84 0.00	49.15 1.94 0.00	50.34 1.70 0.00	52.21 1.22 0.00	56.12 0.88 0.00	64.77 0.96 0.00	73.31 1.08 0.00	98.40 2.12 0.00	107.36 2.92 0.00	115.29 4.54 0.00	142.98 7.06 0.00	257.54 9.84 -83.75	418.97 9.79 -251.26	403.24 8.08 -267.06	298.99 7.31 -165.55	179.78 5.21 -76.16	79.08 3.41 0.00	66.69 2.75 0.00
V_F_30_SYNC_DSASP 323786	51.08 1.34 0.00	44.41 1.21 0.00	41.06 1.16 0.00	37.21 1.08 0.00	37.09 1.12 0.00	40.43 1.22 0.00	45.12 1.27 0.00	48.59 1.37 0.00	50.00 1.36 0.00	52.06 1.07 0.00	56.12 0.88 0.00	64.76 0.96 0.00	73.24 1.01 0.00	98.02 1.73 0.00	106.95 2.51 0.00	114.52 3.77 0.00	141.76 5.84 0.00	228.27 7.87 -56.44	334.04 6.79 -169.33	313.21 5.12 -179.99	241.86 4.16 -111.57	152.39 2.66 -51.33	77.34 1.66 0.00	65.48 1.53 0.00
V_XM_10_SYNC_DSASP 323789	49.89 0.15 0.00	43.67 0.48 0.00	40.30 0.40 0.00	36.63 0.51 0.00	36.45 0.47 0.00	39.76 0.55 0.00	44.50 0.66 0.00	47.64 0.42 0.00	49.03 0.39 0.00	51.50 0.51 0.00	55.90 0.67 0.00	64.38 0.57 0.00	73.16 0.94 0.00	96.28 0.00 0.00	104.03 -0.42 0.00	108.97 -1.78 0.00	132.79 -3.12 0.00	160.19 -3.76 0.00	154.44 -3.47 0.00	124.91 -3.20 0.00	124.36 -1.77 0.00	97.92 -0.49 0.00	76.58 0.91 0.00	64.65 0.70 0.00
W.BABYLN_69_KV_BK1 56697	51.77 2.04 0.00	44.62 1.43 0.00	41.06 1.16 0.00	37.24 1.12 0.00	37.17 1.19 0.00	40.55 1.33 0.00	45.29 1.45 0.00	48.45 1.23 0.00	51.02 2.38 0.00	53.38 2.40 0.00	58.71 3.48 0.00	67.83 4.02 0.00	71.87 1.66 2.01	85.28 2.79 13.80	98.45 3.34 9.33	115.60 5.54 0.69	144.74 8.83 0.01	182.53 13.44 -5.13	189.05 9.63 -21.50	137.34 6.66 -2.57	103.79 4.54 26.88	81.30 2.07 19.18	71.63 0.53 4.57	66.38 2.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.88 1.14 0.00	44.19 0.99 0.00	40.90 1.00 0.00	37.06 0.94 0.00	36.95 0.97 0.00	40.31 1.10 0.00	45.16 1.32 0.00	48.63 1.42 0.00	50.49 1.85 0.00	52.77 1.78 0.00	57.06 1.82 0.00	65.59 1.79 0.00	74.10 1.88 0.00	99.27 2.98 0.00	108.10 3.66 0.00	116.18 5.43 0.00	144.47 8.56 0.00	183.46 11.48 -8.03	191.48 9.47 -24.09	160.62 6.92 -25.60	146.92 4.92 -15.87	108.07 2.36 -7.30	76.66 0.98 0.00	65.03 1.09 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.18 1.44 0.00	44.49 1.30 0.00	41.18 1.28 0.00	37.24 1.12 0.00	37.13 1.15 0.00	40.55 1.33 0.00	45.51 1.67 0.00	49.06 1.84 0.00	51.02 2.38 0.00	53.38 2.40 0.00	57.61 2.38 0.00	66.17 2.36 0.00	74.61 2.38 0.00	100.04 3.76 0.00	108.83 4.39 0.00	117.17 6.42 0.00	145.97 10.06 0.00	185.54 13.28 -8.31	193.58 10.74 -24.93	162.67 8.07 -26.49	148.23 5.68 -16.42	108.62 2.66 -7.55	76.81 1.14 0.00	65.16 1.21 0.00
W50THST__13_KV_LOAD 356117	51.43 1.69 0.00	44.71 1.51 0.00	41.38 1.48 0.00	37.42 1.30 0.00	37.31 1.33 0.00	40.78 1.57 0.00	45.77 1.93 0.00	49.39 2.17 0.00	51.36 2.72 0.00	53.79 2.80 0.00	58.05 2.82 0.00	66.68 2.87 0.00	75.26 3.03 0.00	100.81 4.53 0.00	109.67 5.22 0.00	118.06 7.31 0.00	147.19 11.28 0.00	187.02 14.76 -8.31	194.84 12.00 -24.93	163.56 8.97 -26.49	149.11 6.56 -16.42	109.21 3.25 -7.55	77.26 1.59 0.00	65.48 1.53 0.00
WADING RIVER_IC_1 23522	50.43 0.70 0.00	43.50 0.30 0.00	40.06 0.16 0.00	36.45 0.32 0.00	36.38 0.40 0.00	39.45 0.24 0.00	44.15 0.31 0.00	47.03 -0.19 0.00	49.61 0.97 0.00	51.80 0.81 0.00	57.05 1.82 0.00	64.89 1.08 0.00	69.59 -0.36 2.28	81.23 0.58 15.63	94.92 1.04 10.57	113.36 3.44 0.83	141.74 5.84 0.01	178.76 10.34 -4.47	185.03 6.32 -20.79	130.90 3.58 0.78	94.88 1.39 32.64	75.39 -0.29 22.73	69.13 -1.36 5.18	64.52 0.57 0.00
WADING RIVER_IC_2 23547	50.43 0.70 0.00	43.50 0.30 0.00	40.06 0.16 0.00	36.45 0.32 0.00	36.38 0.40 0.00	39.45 0.24 0.00	44.15 0.31 0.00	47.03 -0.19 0.00	49.61 0.97 0.00	51.80 0.81 0.00	57.05 1.82 0.00	64.89 1.08 0.00	69.59 -0.36 2.28	81.23 0.58 15.63	94.92 1.04 10.57	113.36 3.44 0.83	141.74 5.84 0.01	178.76 10.34 -4.47	185.03 6.32 -20.79	130.90 3.58 0.78	94.88 1.39 32.64	75.39 -0.29 22.73	69.13 -1.36 5.18	64.52 0.57 0.00
WADING RIVER_IC_3 23601	50.43 0.70 0.00	43.50 0.30 0.00	40.06 0.16 0.00	36.45 0.32 0.00	36.38 0.40 0.00	39.45 0.24 0.00	44.15 0.31 0.00	47.03 -0.19 0.00	49.61 0.97 0.00	51.80 0.81 0.00	57.05 1.82 0.00	64.89 1.08 0.00	69.59 -0.36 2.28	81.23 0.58 15.63	94.92 1.04 10.57	113.36 3.44 0.83	141.74 5.84 0.01	178.76 10.34 -4.47	185.03 6.32 -20.79	130.90 3.58 0.78	94.88 1.39 32.64	75.39 -0.29 22.73	69.13 -1.36 5.18	64.52 0.57 0.00
WALDENNY_12_KV_BK2 80841	50.28 0.55 0.00	43.84 0.65 0.00	40.18 0.28 0.00	35.69 -0.43 0.00	35.44 -0.54 0.00	38.75 -0.47 0.00	43.27 -0.57 0.00	46.23 -0.99 0.00	48.01 -0.63 0.00	52.11 1.12 0.00	57.28 2.04 0.00	67.95 4.15 0.00	76.63 4.41 0.00	102.64 6.35 0.00	109.87 5.43 0.00	118.06 7.31 0.00	143.52 7.61 0.00	167.40 3.44 0.00	165.34 7.42 0.00	139.51 11.40 0.00	135.84 9.71 0.00	104.12 5.71 0.00	78.85 3.18 0.00	66.50 2.56 0.00
WALDEN___HYDRO 24148	50.88 1.14 0.00	44.15 0.95 0.00	40.86 0.96 0.00	36.99 0.87 0.00	36.88 0.90 0.00	40.24 1.02 0.00	45.07 1.23 0.00	48.54 1.32 0.00	50.25 1.61 0.00	52.52 1.53 0.00	56.73 1.49 0.00	65.27 1.47 0.00	73.74 1.52 0.00	98.79 2.50 0.00	107.68 3.24 0.00	115.62 4.87 0.00	143.66 7.75 0.00	182.95 10.66 -8.34	191.78 8.84 -25.03	161.24 6.53 -26.60	147.29 4.67 -16.49	108.36 2.36 -7.59	76.73 1.06 0.00	64.97 1.02 0.00
WARRENSBURG____ 23737	51.73 1.99 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.50 1.37 0.00	37.42 1.44 0.00	40.90 1.69 0.00	45.55 1.71 0.00	49.06 1.84 0.00	50.15 1.51 0.00	51.91 0.92 0.00	55.46 0.22 0.00	64.06 0.26 0.00	72.44 0.22 0.00	97.25 0.96 0.00	106.32 1.88 0.00	114.29 3.54 0.00	142.03 6.12 0.00	258.64 9.02 -85.67	425.19 10.26 -257.01	409.74 8.45 -273.18	303.67 8.20 -169.34	182.22 5.90 -77.90	79.46 3.78 0.00	66.82 2.88 0.00
WATERSIDE___6 8 9 23538	51.08 1.34 0.00	44.71 1.51 0.00	41.34 1.44 0.00	37.42 1.30 0.00	37.31 1.33 0.00	40.75 1.53 0.00	45.69 1.84 0.00	49.20 1.98 0.00	51.07 2.43 0.00	53.38 2.40 0.00	57.50 2.26 0.00	65.79 1.98 0.00	74.25 2.02 0.00	99.36 3.08 0.00	107.99 3.55 0.00	116.62 5.87 0.00	145.97 10.06 0.00	185.55 13.28 -8.31	193.43 10.58 -24.93	162.41 7.81 -26.50	147.35 4.79 -16.42	107.84 1.87 -7.56	76.28 0.61 0.00	64.65 0.70 0.00
WATKINRD_115KV_LN8_ILLION 55919	49.74 0.00 0.00	43.15 -0.04 0.00	39.82 -0.08 0.00	36.05 -0.07 0.00	35.94 -0.04 0.00	39.18 -0.04 0.00	43.84 0.00 0.00	47.22 0.00 0.00	48.64 0.00 0.00	50.89 -0.10 0.00	55.07 -0.17 0.00	63.62 -0.19 0.00	72.01 -0.22 0.00	96.28 0.00 0.00	104.55 0.10 0.00	111.19 0.44 0.00	136.73 0.82 0.00	165.43 1.48 0.00	159.34 1.42 0.00	129.26 1.15 0.00	126.76 0.63 0.00	98.71 0.30 0.00	75.52 -0.15 0.00	63.88 -0.06 0.00

WDELAWARE___HYD 323627	50.78 1.05 0.00	44.06 0.86 0.00	40.70 0.80 0.00	36.85 0.72 0.00	36.70 0.72 0.00	40.08 0.86 0.00	44.89 1.05 0.00	48.35 1.13 0.00	50.05 1.41 0.00	52.26 1.28 0.00	56.51 1.27 0.00	64.96 1.15 0.00	73.53 1.30 0.00	98.57 2.41 0.12	107.22 3.13 0.35	114.85 4.65 0.55	142.79 7.47 0.59	180.37 10.50 -5.91	188.87 9.00 -21.95	159.17 6.78 -24.28	145.93 5.05 -14.75	108.13 2.66 -7.06	76.88 1.21 0.00	64.97 1.02 0.00
WEST BABYLON___IC 23714	51.77 2.04 0.00	44.62 1.43 0.00	41.06 1.16 0.00	37.24 1.12 0.00	37.17 1.19 0.00	40.55 1.33 0.00	45.29 1.45 0.00	48.45 1.23 0.00	51.02 2.38 0.00	53.38 2.40 0.00	58.71 3.48 0.00	67.83 4.02 0.00	71.87 1.66 2.01	85.28 2.79 13.80	98.45 3.34 9.33	115.60 5.54 0.69	144.74 8.83 0.01	182.53 13.44 -5.13	189.05 9.63 -21.50	137.34 6.66 -2.57	103.79 4.54 26.88	81.30 2.07 19.18	71.63 0.53 4.57	66.38 2.43 0.00
WEST CANADA___HYD 24049	49.79 0.05 0.00	43.20 0.00 0.00	39.90 0.00 0.00	36.12 0.00 0.00	36.02 0.04 0.00	39.22 0.00 0.00	43.84 0.00 0.00	47.27 0.05 0.00	48.69 0.05 0.00	50.99 0.00 0.00	55.18 -0.06 0.00	63.74 -0.06 0.00	72.15 -0.07 0.00	96.28 0.00 0.00	104.55 0.10 0.00	111.20 0.44 0.00	136.87 0.96 0.00	165.26 1.31 0.00	159.17 1.26 0.00	129.12 1.02 0.00	126.76 0.63 0.00	98.61 0.20 0.00	75.60 -0.08 0.00	63.88 -0.06 0.00
WESTERN_NY_WIND 24143	50.88 1.14 0.00	44.19 0.99 0.00	40.74 0.84 0.00	36.12 0.00 0.00	35.84 -0.14 0.00	39.29 0.08 0.00	43.80 -0.04 0.00	46.79 -0.42 0.00	48.30 -0.34 0.00	52.31 1.33 0.00	57.33 2.10 0.00	67.00 3.19 0.00	75.69 3.47 0.00	101.39 5.10 0.00	108.83 4.39 0.00	116.73 5.98 0.00	142.44 6.52 0.00	166.91 2.95 0.00	165.02 7.11 0.00	138.99 10.89 0.00	135.84 9.71 0.00	103.92 5.51 0.00	78.25 2.57 0.00	66.76 2.81 0.00
WESTOVER___LESR 323668	50.03 0.30 0.00	43.50 0.30 0.00	40.06 0.16 0.00	36.12 0.00 0.00	35.98 0.00 0.00	39.26 0.04 0.00	43.93 0.09 0.00	47.22 0.00 0.00	48.64 0.00 0.00	51.40 0.41 0.00	55.84 0.61 0.00	64.89 1.08 0.00	73.38 1.16 0.00	98.30 2.02 0.00	106.53 2.09 0.00	113.74 2.99 0.00	139.72 3.81 0.00	171.17 3.61 -3.61	173.47 4.74 -10.82	145.24 5.64 -11.50	137.80 4.54 -7.13	104.25 2.56 -3.28	76.81 1.14 0.00	64.90 0.96 0.00
WETHRSFD_WT_PWR 323626	49.89 0.15 0.00	43.41 0.22 0.00	39.74 -0.16 0.00	35.48 -0.65 0.00	35.29 -0.68 0.00	38.47 -0.75 0.00	43.06 -0.79 0.00	45.99 -1.23 0.00	47.43 -1.21 0.00	51.14 0.15 0.00	56.06 0.83 0.00	66.49 2.68 0.00	74.60 2.38 0.00	99.85 3.56 0.00	107.15 2.71 0.00	114.96 4.21 0.00	140.13 4.22 0.00	164.61 0.66 0.00	162.50 4.58 0.00	137.07 8.96 0.00	133.83 7.69 0.00	102.54 4.13 0.00	77.94 2.27 0.00	65.93 1.98 0.00
WHAVSTOR_138KV_BK127 55557	50.58 0.85 0.00	43.97 0.78 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.90 1.05 0.00	48.35 1.13 0.00	50.15 1.51 0.00	52.47 1.48 0.00	56.67 1.44 0.00	65.15 1.34 0.00	73.52 1.30 0.00	98.50 2.21 0.00	107.26 2.82 0.00	115.29 4.54 0.00	143.39 7.48 0.00	182.16 10.17 -8.04	190.10 8.05 -24.13	159.65 5.89 -25.65	145.94 3.91 -15.90	107.30 1.57 -7.31	76.13 0.45 0.00	64.58 0.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.58 0.85 0.00	43.97 0.78 0.00	40.70 0.80 0.00	36.88 0.76 0.00	36.81 0.83 0.00	40.12 0.90 0.00	44.90 1.05 0.00	48.35 1.13 0.00	50.15 1.51 0.00	52.47 1.48 0.00	56.67 1.44 0.00	65.15 1.34 0.00	73.52 1.30 0.00	98.50 2.21 0.00	107.26 2.82 0.00	115.29 4.54 0.00	143.39 7.48 0.00	182.16 10.17 -8.04	190.10 8.05 -24.13	159.65 5.89 -25.65	145.94 3.91 -15.90	107.30 1.57 -7.31	76.13 0.45 0.00	64.58 0.64 0.00
WHITEHAL_115KV_TB1 80871	52.87 3.13 0.00	45.87 2.68 0.00	42.37 2.47 0.00	38.22 2.10 0.00	38.14 2.16 0.00	41.77 2.55 0.00	46.52 2.67 0.00	50.10 2.88 0.00	51.02 2.38 0.00	52.67 1.68 0.00	56.34 1.10 0.00	65.15 1.34 0.00	73.67 1.44 0.00	98.98 2.70 0.00	108.41 3.97 0.00	116.62 5.87 0.00	145.29 9.38 0.00	262.27 13.44 -84.87	427.38 14.84 -254.62	411.17 12.43 -270.64	306.00 12.11 -167.77	184.55 8.96 -77.18	81.65 5.98 0.00	68.49 4.54 0.00
WHITEPLN_13_KV_LOAD 356215	51.48 1.74 0.00	44.71 1.51 0.00	41.34 1.44 0.00	37.42 1.30 0.00	37.35 1.37 0.00	40.75 1.53 0.00	45.69 1.84 0.00	49.25 2.03 0.00	51.17 2.53 0.00	53.79 2.80 0.00	58.11 2.87 0.00	66.93 3.13 0.00	75.55 3.32 0.00	101.48 5.20 0.00	110.40 5.95 0.00	118.84 8.08 0.00	147.87 11.96 0.00	187.99 15.74 -8.29	195.59 12.79 -24.88	164.54 9.99 -26.45	150.22 7.69 -16.39	109.89 3.94 -7.54	77.72 2.04 0.00	65.86 1.92 0.00
WM_FLOYD_69_KV_BK2 356380	51.03 1.29 0.00	43.89 0.69 0.00	40.42 0.52 0.00	36.74 0.61 0.00	36.66 0.68 0.00	39.92 0.71 0.00	44.59 0.75 0.00	47.50 0.28 0.00	50.10 1.46 0.00	52.36 1.38 0.00	57.67 2.43 0.00	66.74 2.94 0.00	70.24 0.29 2.27	81.94 1.25 15.59	95.67 1.78 10.55	114.13 4.21 0.83	142.84 6.93 0.01	179.92 11.48 -4.48	186.30 7.58 -20.80	132.13 4.74 0.72	96.38 2.77 32.53	76.24 0.49 22.66	69.82 -0.68 5.17	65.42 1.47 0.00
WOODARD__115KV_TB2 355635	49.14 -0.60 0.00	42.68 -0.52 0.00	39.30 -0.60 0.00	35.47 -0.65 0.00	35.33 -0.65 0.00	38.55 -0.67 0.00	43.19 -0.66 0.00	46.56 -0.66 0.00	47.96 -0.68 0.00	50.43 -0.56 0.00	54.79 -0.44 0.00	63.49 -0.32 0.00	71.86 -0.36 0.00	96.19 -0.10 0.00	104.44 0.00 0.00	111.30 0.55 0.00	136.59 0.68 0.00	164.45 0.49 0.00	159.18 1.26 0.00	130.03 1.92 0.00	127.39 1.26 0.00	98.61 0.20 0.00	75.14 -0.53 0.00	63.37 -0.58 0.00
WOODMERE_69_KV_BK1 55827	51.82 2.09 0.00	44.75 1.56 0.00	41.22 1.32 0.00	37.35 1.23 0.00	37.27 1.30 0.00	40.67 1.45 0.00	45.47 1.62 0.00	48.73 1.51 0.00	51.17 2.53 0.00	53.59 2.60 0.00	58.77 3.54 0.00	67.83 4.02 0.00	74.58 2.60 0.24	98.80 4.14 1.62	108.15 4.80 1.10	118.86 7.09 -1.02	146.78 10.87 0.01	191.67 14.59 -13.12	199.24 11.21 -30.11	164.00 8.33 -27.57	143.92 6.43 -11.35	106.08 3.25 -4.42	76.57 1.44 0.54	66.44 2.49 0.00
YORK___WARBASSE 23770	51.08 1.34 0.00	44.88 1.68 0.00	41.50 1.60 0.00	37.53 1.41 0.00	37.42 1.44 0.00	40.86 1.65 0.00	45.77 1.93 0.00	49.25 2.03 0.00	51.02 2.38 0.00	53.33 2.35 0.00	57.44 2.21 0.00	65.79 1.98 0.00	74.17 1.95 0.01	99.27 2.98 0.00	107.99 3.55 0.00	116.62 5.87 0.00	146.24 10.33 0.00	185.87 13.61 -8.31	193.74 10.90 -24.93	162.67 8.07 -26.50	147.47 4.92 -16.42	107.94 1.97 -7.56	76.43 0.76 0.00	64.90 0.96 0.00