

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/08/2025

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	56.85	53.80	52.46	50.66	48.94	54.34	56.56	58.82	68.76	73.25	75.83	91.92	85.62	89.42	80.23	115.61	160.53	176.23	121.53	111.73	63.91	78.31	64.56	51.19
24138	2.45	2.84	3.14	3.08	2.90	2.85	2.86	3.30	4.03	4.38	4.59	6.21	6.81	8.28	6.01	6.15	7.30	14.71	10.28	8.74	4.49	4.07	2.67	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.24	-50.55	-81.76	-15.84	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	57.05	53.94	52.53	50.73	48.99	54.38	56.58	58.84	68.74	73.26	75.87	92.08	85.71	89.49	80.26	115.72	160.67	176.54	121.79	112.09	64.12	78.57	64.83	51.32
24260	2.65	2.97	3.20	3.15	2.95	2.90	2.88	3.32	4.02	4.39	4.63	6.37	6.90	8.36	6.07	6.26	7.42	15.01	10.54	9.10	4.70	4.32	2.94	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.22	-50.56	-81.77	-15.84	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	57.05	53.94	52.53	50.73	48.99	54.38	56.58	58.84	68.74	73.26	75.87	92.08	85.71	89.49	80.26	115.72	160.67	176.54	121.79	112.09	64.12	78.57	64.83	51.32
24261	2.65	2.97	3.20	3.15	2.95	2.90	2.88	3.32	4.02	4.39	4.63	6.37	6.90	8.36	6.07	6.26	7.42	15.01	10.54	9.10	4.70	4.32	2.94	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.22	-50.56	-81.77	-15.84	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	57.56	53.89	52.35	50.45	48.68	54.27	56.56	58.68	68.22	72.36	74.43	90.01	82.93	85.66	58.19	63.45	75.68	154.52	119.33	110.84	63.60	79.14	65.43	51.47
24011	3.16	2.93	3.03	2.87	2.64	2.78	2.87	3.16	3.50	3.49	3.20	4.31	4.13	4.52	3.21	3.62	4.21	8.83	8.08	7.86	4.17	4.90	3.55	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	57.74	54.04	52.49	50.54	48.76	54.37	56.73	58.85	68.32	72.36	74.33	90.06	82.95	85.67	58.21	63.40	75.57	154.14	119.03	110.79	63.49	79.15	65.53	51.53
23798	3.34	3.07	3.16	2.96	2.72	2.88	3.03	3.32	3.59	3.49	3.09	4.35	4.15	4.54	3.23	3.60	4.09	8.45	7.78	7.80	4.07	4.91	3.64	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	57.56	53.89	52.35	50.45	48.68	54.27	56.56	58.68	68.22	72.36	74.43	90.01	82.93	85.66	58.19	63.45	75.68	154.52	119.33	110.84	63.60	79.14	65.43	51.47
24028	3.16	2.93	3.03	2.87	2.64	2.78	2.87	3.16	3.50	3.49	3.20	4.31	4.13	4.52	3.21	3.62	4.21	8.83	8.08	7.86	4.17	4.90	3.55	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	56.69	53.29	51.95	50.06	48.32	53.78	55.65	58.01	67.40	71.64	74.15	89.81	83.08	86.10	60.58	71.02	86.98	156.51	118.55	109.58	62.77	78.25	64.66	50.95
23527	2.29	2.32	2.63	2.48	2.28	2.30	1.96	2.49	2.67	2.77	2.91	4.11	4.28	4.96	3.65	3.90	4.24	8.70	7.29	6.59	3.34	4.01	2.78	2.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.95	-8.22	-11.27	-2.11	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	54.41	51.26	49.97	48.25	46.59	51.86	53.86	55.95	65.13	69.32	71.75	86.68	80.13	82.85	56.39	58.32	73.15	149.11	114.08	105.34	60.50	75.16	62.14	48.99
24190	0.00	0.30	0.64	0.68	0.55	0.37	0.16	0.42	0.40	0.45	0.51	0.98	1.32	1.72	1.41	1.58	1.67	3.42	2.83	2.35	1.08	0.91	0.25	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	54.32	50.91	48.97	47.16	45.75	51.48	53.86	55.45	64.73	68.84	71.00	84.96	77.77	79.17	53.02	56.85	69.05	140.62	107.38	99.43	57.65	73.20	61.73	48.93
355683	-0.08	-0.05	-0.35	-0.42	-0.29	0.00	0.16	-0.08	0.00	-0.03	-0.24	-0.75	-1.04	-1.96	-1.96	-2.06	-2.42	-5.06	-3.88	-3.56	-1.77	-1.05	-0.15	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	54.91	52.22	50.93	49.20	47.50	52.89	54.91	56.82	66.00	70.25	72.51	87.54	80.62	82.44	56.56	60.24	76.38	148.91	113.47	105.24	60.54	75.31	62.30	49.12
323833	0.50	1.25	1.61	1.63	1.46	1.40	1.21	1.30	1.27	1.38	1.27	1.84	1.81	1.31	0.94	1.18	1.22	2.53	2.21	2.26	1.12	1.06	0.42	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.64	-0.15	-3.68	-0.69	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	54.89	52.21	50.92	49.19	47.48	52.87	54.91	56.81	65.97	70.24	72.48	87.51	80.59	82.42	56.53	60.19	76.30	148.87	113.41	105.17	60.51	75.28	62.27	49.11
323834	0.49	1.24	1.59	1.62	1.45	1.39	1.21	1.28	1.24	1.37	1.25	1.81	1.78	1.28	0.92	1.16	1.20	2.50	2.16	2.19	1.09	1.03	0.39	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	-0.13	-3.63	-0.68	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	54.41	51.26	49.97	48.25	46.59	51.86	53.86	55.95	65.13	69.32	71.75	86.68	80.13	82.85	56.39	58.32	73.15	149.11	114.08	105.34	60.50	75.16	62.14	48.99
23571	0.00	0.30	0.64	0.68	0.55	0.37	0.16	0.42	0.40	0.45	0.51	0.98	1.32	1.72	1.41	1.58	1.67	3.42	2.83	2.35	1.08	0.91	0.25	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	54.41 0.00 0.00	51.26 0.30 0.00	49.97 0.64 0.00	48.25 0.68 0.00	46.59 0.55 0.00	51.86 0.37 0.00	53.86 0.16 0.00	55.95 0.42 0.00	65.13 0.40 0.00	69.32 0.45 0.00	71.75 0.51 0.00	86.68 0.98 0.00	80.13 1.32 0.00	82.85 1.72 0.00	56.39 1.41 0.00	58.32 1.58 2.17	73.15 1.67 0.00	149.11 3.42 0.00	114.08 2.83 0.00	105.34 2.35 0.00	60.50 1.08 0.00	75.16 0.91 0.00	62.14 0.25 0.00	48.99 0.09 0.00
ALBANY___3 23573	54.41 0.00 0.00	51.26 0.30 0.00	49.97 0.64 0.00	48.25 0.68 0.00	46.59 0.55 0.00	51.86 0.37 0.00	53.86 0.16 0.00	55.95 0.42 0.00	65.13 0.40 0.00	69.32 0.45 0.00	71.75 0.51 0.00	86.68 0.98 0.00	80.13 1.32 0.00	82.85 1.72 0.00	56.39 1.41 0.00	58.32 1.58 2.17	73.15 1.67 0.00	149.11 3.42 0.00	114.08 2.83 0.00	105.34 2.35 0.00	60.50 1.08 0.00	75.16 0.91 0.00	62.14 0.25 0.00	48.99 0.09 0.00
ALBANY___4 23574	54.41 0.00 0.00	51.26 0.30 0.00	49.97 0.64 0.00	48.25 0.68 0.00	46.59 0.55 0.00	51.86 0.37 0.00	53.86 0.16 0.00	55.95 0.42 0.00	65.13 0.40 0.00	69.32 0.45 0.00	71.75 0.51 0.00	86.68 0.98 0.00	80.13 1.32 0.00	82.85 1.72 0.00	56.39 1.41 0.00	58.32 1.58 2.17	73.15 1.67 0.00	149.11 3.42 0.00	114.08 2.83 0.00	105.34 2.35 0.00	60.50 1.08 0.00	75.16 0.91 0.00	62.14 0.25 0.00	48.99 0.09 0.00
ALBANY___LFGE 323615	55.22 0.82 0.00	51.97 1.00 0.00	50.65 1.32 0.00	48.88 1.30 0.00	47.19 1.16 0.00	52.53 1.04 0.00	54.59 0.89 0.00	56.70 1.18 0.00	66.05 1.32 0.00	70.33 1.46 0.00	72.80 1.57 0.00	87.99 2.29 0.00	81.32 2.52 0.00	84.14 3.00 0.00	57.28 2.30 0.00	61.65 2.55 -0.20	74.33 2.86 0.00	151.58 5.89 0.00	115.94 4.68 0.00	107.04 4.05 0.00	61.44 2.02 0.00	76.28 2.04 0.00	63.05 1.17 0.00	49.68 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	54.63 0.23 0.00	51.18 0.22 0.00	49.22 -0.10 0.00	47.40 -0.18 0.00	45.98 -0.06 0.00	51.84 0.36 0.00	54.24 0.55 0.00	55.82 0.30 0.00	65.05 0.32 0.00	69.11 0.24 0.00	71.18 -0.05 0.00	85.09 -0.62 0.00	77.84 -0.97 0.00	78.63 -2.51 0.00	53.08 -1.90 0.00	56.94 -1.96 0.00	69.16 -2.31 0.00	140.90 -4.79 0.00	107.62 -3.64 0.00	99.60 -3.39 0.00	57.80 -1.62 0.00	73.53 -0.71 0.00	61.98 0.09 0.00	49.14 0.24 0.00
ALCOA_RYNLDS___DRP 24188	54.63 0.23 0.00	51.18 0.22 0.00	49.22 -0.10 0.00	47.40 -0.18 0.00	45.98 -0.06 0.00	51.84 0.36 0.00	54.24 0.55 0.00	55.82 0.30 0.00	65.05 0.32 0.00	69.11 0.24 0.00	71.18 -0.05 0.00	85.09 -0.62 0.00	77.84 -0.97 0.00	78.63 -2.51 0.00	53.08 -1.90 0.00	56.94 -1.96 0.00	69.16 -2.31 0.00	140.90 -4.79 0.00	107.62 -3.64 0.00	99.60 -3.39 0.00	57.80 -1.62 0.00	73.53 -0.71 0.00	61.98 0.09 0.00	49.14 0.24 0.00
ALCOA___DSASP 323711	54.63 0.23 0.00	51.18 0.22 0.00	49.22 -0.10 0.00	47.40 -0.18 0.00	45.98 -0.06 0.00	51.85 0.36 0.00	54.24 0.55 0.00	55.82 0.30 0.00	65.05 0.32 0.00	69.11 0.24 0.00	71.18 -0.05 0.00	85.09 -0.62 0.00	77.84 -0.97 0.00	78.63 -2.51 0.00	53.08 -1.90 0.00	56.94 -1.96 0.00	69.16 -2.31 0.00	140.90 -4.79 0.00	107.62 -3.64 0.00	99.60 -3.39 0.00	57.80 -1.62 0.00	73.53 -0.71 0.00	61.98 0.09 0.00	49.14 0.24 0.00
ALLEGHENY___COGEN 23514	56.46 2.05 0.00	52.06 1.10 0.00	50.50 1.18 0.00	48.45 0.88 0.00	46.99 0.96 0.00	52.64 1.16 0.00	55.01 1.32 0.00	56.51 0.99 0.00	65.86 1.14 0.00	69.52 0.65 0.00	72.00 0.76 0.00	86.56 0.85 0.00	79.38 0.58 0.00	80.97 -0.17 0.00	55.09 0.11 0.00	58.86 -0.04 0.00	72.36 0.88 0.00	148.39 2.70 0.00	114.11 2.86 0.00	107.34 4.35 0.00	62.40 2.98 0.00	77.10 2.86 0.00	63.45 1.56 0.00	50.27 1.37 0.00
ALTAMONT_115KV_TB 2 55880	55.14 0.73 0.00	51.88 0.92 0.00	50.55 1.22 0.00	48.84 1.26 0.00	47.14 1.11 0.00	52.48 1.00 0.00	54.54 0.84 0.00	56.57 1.04 0.00	65.87 1.15 0.00	70.08 1.21 0.00	72.51 1.27 0.00	87.58 1.88 0.00	80.82 2.02 0.00	83.56 2.42 0.00	56.23 1.87 0.62	57.59 2.03 3.35	70.18 2.28 3.58	149.74 4.72 0.67	114.96 3.71 0.00	106.24 3.25 0.00	61.09 1.66 0.00	75.93 1.68 0.00	62.85 0.97 0.00	49.58 0.68 0.00
ALTONA_WT_PWR 323606	53.75 -0.65 0.00	50.55 -0.42 0.00	48.93 -0.40 0.00	47.18 -0.39 0.00	45.70 -0.34 0.00	51.13 -0.36 0.00	53.65 -0.05 0.00	55.05 -0.47 0.00	64.16 -0.57 0.00	67.99 -0.88 0.00	70.12 -1.12 0.00	84.18 -1.52 0.00	77.02 -1.79 0.00	78.36 -2.77 0.00	52.81 -2.17 0.00	56.56 -2.34 0.00	68.62 -2.85 0.00	139.94 -5.75 0.00	107.04 -4.21 0.00	99.44 -3.55 0.00	57.48 -1.94 0.00	72.63 -1.61 0.00	61.28 -0.61 0.00	48.43 -0.47 0.00
AMERICAN_REF_FUEL 24010	53.67 -0.73 0.00	49.58 -1.38 0.00	48.14 -1.18 0.00	46.16 -1.41 0.00	44.76 -1.28 0.00	50.03 -1.46 0.00	51.52 -2.18 0.00	52.21 -3.31 0.00	60.86 -3.87 0.00	64.39 -4.48 0.00	67.30 -3.94 0.00	81.38 -4.33 0.00	75.55 -3.26 0.00	77.38 -3.76 0.00	52.26 -2.72 0.00	55.76 -3.14 0.00	68.08 -3.39 0.00	139.04 -6.65 0.00	107.45 -3.80 0.00	99.74 -3.25 0.00	57.88 -1.54 0.00	70.91 -3.34 0.00	58.72 -3.16 0.00	47.03 -1.86 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	55.81 1.41 0.00	51.31 0.34 0.00	49.89 0.57 0.00	47.76 0.19 0.00	46.29 0.26 0.00	51.84 0.36 0.00	53.88 0.18 0.00	55.17 -0.36 0.00	64.51 -0.23 0.00	68.00 -0.87 0.00	71.07 -0.17 0.00	85.92 0.22 0.00	79.59 0.79 0.00	82.09 0.95 0.00	55.26 0.28 0.00	58.60 -0.31 0.00	72.27 0.80 0.00	147.46 1.77 0.00	113.42 2.16 0.00	106.35 3.36 0.00	61.32 1.90 0.00	75.51 1.26 0.00	62.01 0.12 0.00	49.17 0.28 0.00
ARTHUR KILL_GT_1 23520	56.53 2.12 0.00	53.64 2.67 0.00	52.13 2.80 0.00	50.53 2.96 0.00	48.85 2.82 0.00	54.08 2.59 0.00	55.94 2.24 0.00	56.58 2.36 1.30	65.88 3.10 1.95	70.84 3.20 1.23	74.52 3.28 0.00	90.57 4.86 0.00	84.45 5.64 0.00	88.21 7.07 0.00	79.35 5.15 -19.22	114.62 5.15 -50.56	129.15 6.07 -51.61	169.57 12.27 -11.61	106.05 8.57 13.77	99.08 7.22 11.13	60.87 3.74 2.30	69.56 3.26 7.95	63.92 2.16 0.12	50.95 2.04 -0.01
ARTHUR_KILL_2 23512	56.31 1.90 0.00	53.43 2.46 0.00	51.94 2.62 0.00	50.34 2.76 0.00	48.69 2.65 0.00	53.88 2.39 0.00	55.72 2.02 0.00	56.34 2.12 1.30	65.60 2.82 1.95	70.56 2.92 1.23	74.21 2.98 0.01	90.21 4.51 0.00	84.10 5.29 0.00	87.81 6.67 0.00	79.05 4.85 -19.22	114.26 4.80 -50.56	128.70 5.62 -51.61	168.70 11.41 -11.61	105.42 7.94 13.77	98.51 6.65 11.13	60.53 3.41 2.30	69.17 2.87 7.95	63.60 1.84 0.12	50.72 1.82 -0.01
ARTHUR_KILL_3 23513	56.15 1.75 0.00	53.11 2.15 0.00	51.74 2.41 0.00	49.99 2.41 0.00	48.30 2.27 0.00	53.57 2.08 0.00	55.69 1.99 0.00	56.54 2.32 1.31	65.57 2.80 1.96	70.71 3.06 1.23	74.52 3.29 0.00	90.39 4.68 0.00	84.16 5.36 0.00	87.91 6.78 0.00	79.18 4.97 -19.23	114.54 5.07 -50.56	129.03 5.97 -51.60	169.35 12.05 -11.61	105.79 8.31 13.77	98.87 7.02 11.14	60.64 3.52 2.30	69.17 2.88 7.95	63.54 1.78 0.12	50.56 1.66 0.00

ARTHUR_KILL_COGEN 323718	56.53 2.12 0.00	53.63 2.66 0.00	52.13 2.81 0.00	50.53 2.95 0.00	48.87 2.83 0.00	54.08 2.59 0.00	55.94 2.24 0.00	56.57 2.35 1.30	65.87 3.09 1.95	70.84 3.20 1.23	74.51 3.28 0.01	90.59 4.88 0.00	84.45 5.65 0.00	88.21 7.07 0.00	79.33 5.13 -19.22	114.60 5.13 -50.56	129.10 6.02 -51.61	169.52 12.22 -11.61	106.05 8.57 13.77	99.08 7.22 11.13	60.85 3.72 2.30	69.55 3.26 7.95	63.90 2.14 0.12	50.94 2.04 -0.01
ASHOKAN____ 23654	56.71 2.30 0.00	53.28 2.31 0.00	51.86 2.54 0.00	50.06 2.48 0.00	48.30 2.26 0.00	53.73 2.24 0.00	55.90 2.21 0.00	58.26 2.73 0.00	67.73 3.00 0.00	72.09 3.22 0.00	74.47 3.24 0.00	90.53 4.83 0.00	84.55 5.74 0.00	87.28 6.14 0.00	64.99 4.58 -5.43	81.84 5.39 -17.54	109.83 7.02 -31.34	164.84 13.27 -5.88	120.77 9.52 0.00	111.73 8.74 0.00	64.14 4.71 0.00	79.18 4.93 0.00	65.10 3.21 0.00	51.15 2.26 0.00
ASTORIA_EAST_ENERGY_CC1 323581	56.60 2.19 0.00	53.69 2.73 0.00	52.18 2.85 0.00	50.39 2.82 0.00	48.64 2.60 0.00	53.94 2.46 0.00	56.07 2.38 0.00	58.22 2.69 0.00	67.88 3.15 0.00	72.10 3.24 0.00	74.56 3.32 -0.01	90.65 4.90 -0.05	84.48 5.68 0.00	88.64 7.09 -0.42	80.07 5.05 -20.04	115.65 5.05 -51.69	162.89 5.94 -85.47	194.36 12.06 -36.60	120.15 8.41 -0.48	110.40 7.07 -0.35	63.12 3.69 -0.01	77.36 3.11 -0.01	63.99 2.10 -0.01	50.84 1.94 0.00
ASTORIA_EAST_ENERGY_CC2 323582	56.60 2.19 0.00	53.69 2.73 0.00	52.18 2.85 0.00	50.39 2.82 0.00	48.64 2.60 0.00	53.94 2.46 0.00	56.07 2.38 0.00	58.22 2.69 0.00	67.88 3.15 0.00	72.10 3.24 0.00	74.56 3.32 -0.01	90.65 4.90 -0.05	84.48 5.68 0.00	88.64 7.09 -0.42	80.07 5.05 -20.04	115.65 5.05 -51.69	162.89 5.94 -85.47	194.36 12.06 -36.60	120.15 8.41 -0.48	110.40 7.07 -0.35	63.12 3.69 -0.01	77.36 3.11 -0.01	63.99 2.10 -0.01	50.84 1.94 0.00
ASTORIA_GT2_1 24094	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00
ASTORIA_GT2_2 24095	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00
ASTORIA_GT2_3 24096	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00
ASTORIA_GT2_4 24097	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00
ASTORIA_GT3_1 24098	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00
ASTORIA_GT3_2 24099	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00
ASTORIA_GT3_3 24100	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00
ASTORIA_GT3_4 24101	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00
ASTORIA_GT4_1 24102	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00
ASTORIA_GT4_2 24103	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00
ASTORIA_GT4_3 24104	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00

ASTORIA_GT4_4 24105	56.62 2.22 0.00	53.72 2.76 0.00	52.21 2.89 0.00	50.44 2.87 0.00	48.66 2.63 0.00	53.95 2.46 0.00	56.11 2.41 0.00	58.25 2.73 0.00	67.93 3.20 0.00	72.15 3.29 0.00	74.60 3.37 0.00	90.66 4.92 -0.04	84.50 5.69 0.00	88.68 7.13 -0.42	80.11 5.10 -20.03	115.68 5.08 -51.69	162.97 6.02 -85.47	194.43 12.13 -36.61	120.19 8.45 -0.48	110.47 7.13 -0.35	63.19 3.76 -0.01	77.39 3.14 -0.01	64.02 2.13 -0.01	50.87 1.97 0.00
ASTORIA_GT_1 23523	56.76 2.36 0.00	53.85 2.89 0.00	52.33 3.01 0.00	50.55 2.98 0.00	48.77 2.74 0.00	54.08 2.60 0.00	56.24 2.54 0.00	58.40 2.88 0.00	68.12 3.39 0.00	72.36 3.49 0.00	74.83 3.59 0.00	90.95 5.21 -0.04	84.79 5.99 0.00	88.96 7.41 -0.42	80.30 5.29 -20.03	115.89 5.29 -51.69	163.22 6.28 -85.47	194.97 12.68 -36.61	120.59 8.85 -0.48	110.82 7.48 -0.35	63.38 3.95 -0.01	77.61 3.36 -0.01	64.20 2.31 -0.01	51.00 2.10 0.00
ASTORIA_GT_10 24110	56.35 1.95 0.00	53.47 2.51 0.00	52.13 2.80 0.00	50.39 2.82 0.00	48.64 2.60 0.00	53.89 2.41 0.00	56.05 2.35 0.00	58.19 2.67 0.00	67.92 3.19 0.00	72.20 3.33 0.00	74.56 3.32 0.00	90.44 4.73 0.00	84.32 5.52 0.00	88.04 6.91 0.00	79.15 4.96 -19.22	114.40 4.94 -50.56	120.33 5.84 -43.02	168.44 11.79 -10.96	100.00 8.13 19.38	84.26 6.85 25.57	59.64 3.51 3.29	63.64 2.84 13.44	60.72 1.83 2.99	50.66 1.76 0.00
ASTORIA_GT_11 24225	56.35 1.95 0.00	53.47 2.51 0.00	52.13 2.80 0.00	50.39 2.82 0.00	48.64 2.60 0.00	53.89 2.41 0.00	56.05 2.35 0.00	58.19 2.67 0.00	67.92 3.19 0.00	72.20 3.33 0.00	74.56 3.32 0.00	90.44 4.73 0.00	84.32 5.52 0.00	88.04 6.91 0.00	79.15 4.96 -19.22	114.40 4.94 -50.56	120.33 5.84 -43.02	168.44 11.79 -10.96	100.00 8.13 19.38	84.26 6.85 25.57	59.64 3.51 3.29	63.64 2.84 13.44	60.72 1.83 2.99	50.66 1.76 0.00
ASTORIA_GT_12 24226	56.35 1.95 0.00	53.47 2.51 0.00	52.13 2.80 0.00	50.39 2.82 0.00	48.64 2.60 0.00	53.89 2.41 0.00	56.05 2.35 0.00	58.19 2.67 0.00	67.92 3.19 0.00	72.20 3.33 0.00	74.56 3.32 0.00	90.44 4.73 0.00	84.32 5.52 0.00	88.04 6.91 0.00	79.15 4.96 -19.22	114.40 4.94 -50.56	120.33 5.84 -43.02	168.44 11.79 -10.96	100.00 8.13 19.38	84.26 6.85 25.57	59.64 3.51 3.29	63.64 2.84 13.44	60.72 1.83 2.99	50.66 1.76 0.00
ASTORIA_GT_13 24227	56.35 1.95 0.00	53.47 2.51 0.00	52.13 2.80 0.00	50.39 2.82 0.00	48.64 2.60 0.00	53.89 2.41 0.00	56.05 2.35 0.00	58.19 2.67 0.00	67.92 3.19 0.00	72.20 3.33 0.00	74.56 3.32 0.00	90.44 4.73 0.00	84.32 5.52 0.00	88.04 6.91 0.00	79.15 4.96 -19.22	114.40 4.94 -50.56	120.33 5.84 -43.02	168.44 11.79 -10.96	100.00 8.13 19.38	84.26 6.85 25.57	59.64 3.51 3.29	63.64 2.84 13.44	60.72 1.83 2.99	50.66 1.76 0.00
ASTORIA_GT_5 24106	56.76 2.36 0.00	53.85 2.89 0.00	52.33 3.01 0.00	50.55 2.98 0.00	48.77 2.74 0.00	54.08 2.60 0.00	56.24 2.54 0.00	58.40 2.88 0.00	68.12 3.39 0.00	72.36 3.49 0.00	74.83 3.59 0.00	90.95 5.21 -0.04	84.79 5.99 0.00	88.96 7.41 -0.42	80.30 5.29 -20.03	115.89 5.29 -51.69	163.22 6.28 -85.47	194.97 12.68 -36.61	120.59 8.85 -0.48	110.82 7.48 -0.35	63.38 3.95 -0.01	77.61 3.36 -0.01	64.20 2.31 -0.01	51.00 2.10 0.00
ASTORIA_GT_7 24107	56.76 2.36 0.00	53.85 2.89 0.00	52.33 3.01 0.00	50.55 2.98 0.00	48.77 2.74 0.00	54.08 2.60 0.00	56.24 2.54 0.00	58.40 2.88 0.00	68.12 3.39 0.00	72.36 3.49 0.00	74.83 3.59 0.00	90.95 5.21 -0.04	84.79 5.99 0.00	88.96 7.41 -0.42	80.30 5.29 -20.03	115.89 5.29 -51.69	163.22 6.28 -85.47	194.97 12.68 -36.61	120.59 8.85 -0.48	110.82 7.48 -0.35	63.38 3.95 -0.01	77.61 3.36 -0.01	64.20 2.31 -0.01	51.00 2.10 0.00
ASTORIA_GT_8 24108	56.76 2.36 0.00	53.85 2.89 0.00	52.33 3.01 0.00	50.55 2.98 0.00	48.77 2.74 0.00	54.08 2.60 0.00	56.24 2.54 0.00	58.40 2.88 0.00	68.12 3.39 0.00	72.36 3.49 0.00	74.83 3.59 0.00	90.95 5.21 -0.04	84.79 5.99 0.00	88.96 7.41 -0.42	80.30 5.29 -20.03	115.89 5.29 -51.69	163.22 6.28 -85.47	194.97 12.68 -36.61	120.59 8.85 -0.48	110.82 7.48 -0.35	63.38 3.95 -0.01	77.61 3.36 -0.01	64.20 2.31 -0.01	51.00 2.10 0.00
ASTORIA___2 24149	56.63 2.22 0.00	53.71 2.75 0.00	52.21 2.88 0.00	50.41 2.84 0.00	48.66 2.62 0.00	53.96 2.48 0.00	56.10 2.41 0.00	58.26 2.73 0.00	67.93 3.20 0.00	72.15 3.28 0.00	74.61 3.37 -0.01	90.68 4.92 -0.05	84.50 5.70 0.00	88.67 7.12 -0.42	80.11 5.08 -20.04	115.67 5.07 -51.69	162.93 5.98 -85.47	194.40 12.10 -36.60	120.18 8.44 -0.48	110.47 7.13 -0.35	63.18 3.74 -0.01	77.39 3.14 -0.01	64.01 2.12 -0.01	50.87 1.97 0.00
ASTORIA___3 23516	56.35 1.94 0.00	53.47 2.51 0.00	52.12 2.79 0.00	50.38 2.81 0.00	48.64 2.60 0.00	53.90 2.41 0.00	56.05 2.35 0.00	58.18 2.66 0.00	67.92 3.19 0.00	72.19 3.33 0.00	74.55 3.32 0.00	90.44 4.73 0.00	84.32 5.51 0.00	88.03 6.90 0.00	79.15 4.95 -19.22	114.38 4.92 -50.55	120.29 5.80 -43.02	168.41 11.77 -10.96	99.99 8.12 19.38	84.25 6.84 25.57	59.62 3.50 3.30	63.63 2.82 13.44	60.72 1.82 2.99	50.66 1.76 0.00
ASTORIA___4 23517	56.35 1.95 0.00	53.47 2.51 0.00	52.13 2.80 0.00	50.39 2.82 0.00	48.64 2.60 0.00	53.89 2.41 0.00	56.05 2.35 0.00	58.18 2.66 0.00	67.92 3.19 0.00	72.20 3.33 0.00	74.56 3.32 0.00	90.44 4.73 0.00	84.32 5.51 0.00	88.04 6.91 0.00	79.15 4.96 -19.22	114.40 4.94 -50.56	120.32 5.83 -43.02	168.44 11.79 -10.96	99.99 8.12 19.38	84.26 6.85 25.57	59.64 3.51 3.29	63.63 2.83 13.44	60.72 1.83 2.99	50.66 1.76 0.00
ASTORIA___5 23518	56.35 1.94 0.00	53.47 2.51 0.00	52.12 2.79 0.00	50.38 2.81 0.00	48.64 2.60 0.00	53.90 2.41 0.00	56.05 2.35 0.00	58.18 2.66 0.00	67.92 3.19 0.00	72.19 3.33 0.00	74.55 3.32 0.00	90.44 4.73 0.00	84.32 5.51 0.00	88.03 6.90 0.00	79.15 4.95 -19.22	114.38 4.92 -50.55	120.29 5.80 -43.02	168.41 11.77 -10.96	99.99 8.12 19.38	84.26 6.85 25.57	59.62 3.50 3.30	63.63 2.82 13.44	60.72 1.82 2.99	50.65 1.76 0.00
AST_ENERGY_2_CC3 323677	56.39 1.99 0.00	53.34 2.37 0.00	51.97 2.64 0.00	50.18 2.60 0.00	48.48 2.44 0.00	53.78 2.29 0.00	55.92 2.22 0.00	58.15 2.62 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.85 5.15 0.00	84.56 5.75 0.00	88.32 7.19 0.00	79.49 5.28 -19.23	114.89 5.43 -50.56	159.65 6.41 -81.77	174.48 12.95 -15.84	120.22 8.97 0.00	110.62 7.63 0.00	63.28 3.85 0.00	77.53 3.29 0.00	63.99 2.11 0.00	50.72 1.83 0.00
AST_ENERGY_2_CC4 323678	56.39 1.99 0.00	53.34 2.37 0.00	51.97 2.64 0.00	50.18 2.60 0.00	48.48 2.44 0.00	53.78 2.29 0.00	55.92 2.22 0.00	58.15 2.62 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.85 5.15 0.00	84.56 5.75 0.00	88.32 7.19 0.00	79.49 5.28 -19.23	114.89 5.43 -50.56	159.65 6.41 -81.77	174.48 12.95 -15.84	120.22 8.97 0.00	110.62 7.63 0.00	63.28 3.85 0.00	77.53 3.29 0.00	63.99 2.11 0.00	50.72 1.83 0.00

ATHENS_STG_1 23668	55.27 0.86 0.00	52.03 1.07 0.00	50.75 1.43 0.00	49.09 1.51 0.00	47.35 1.32 0.00	52.63 1.15 0.00	54.66 0.97 0.00	56.70 1.18 0.00	66.08 1.36 0.00	70.33 1.46 0.00	72.84 1.61 0.00	88.21 2.50 0.00	81.58 2.77 0.00	84.63 3.50 0.00	50.21 2.67 7.44	35.64 2.86 26.13	31.85 3.30 42.93	144.21 6.57 8.05	115.99 4.74 0.00	107.01 4.03 0.00	61.47 2.04 0.00	76.17 1.92 0.00	62.98 1.09 0.00	49.73 0.84 0.00
ATHENS_STG_2 23670	55.27 0.86 0.00	52.03 1.07 0.00	50.75 1.43 0.00	49.09 1.51 0.00	47.35 1.32 0.00	52.63 1.15 0.00	54.66 0.97 0.00	56.70 1.18 0.00	66.08 1.36 0.00	70.33 1.46 0.00	72.84 1.61 0.00	88.21 2.50 0.00	81.58 2.77 0.00	84.63 3.50 0.00	50.21 2.67 7.44	35.64 2.86 26.13	31.85 3.30 42.93	144.21 6.57 8.05	115.99 4.74 0.00	107.01 4.03 0.00	61.47 2.04 0.00	76.17 1.92 0.00	62.98 1.09 0.00	49.73 0.84 0.00
ATHENS_STG_3 23677	55.27 0.86 0.00	52.03 1.07 0.00	50.75 1.43 0.00	49.09 1.51 0.00	47.35 1.32 0.00	52.63 1.15 0.00	54.66 0.97 0.00	56.70 1.18 0.00	66.08 1.36 0.00	70.33 1.46 0.00	72.84 1.61 0.00	88.21 2.50 0.00	81.58 2.77 0.00	84.63 3.50 0.00	50.21 2.67 7.44	35.64 2.86 26.13	31.85 3.30 42.93	144.21 6.57 8.05	115.99 4.74 0.00	107.01 4.03 0.00	61.47 2.04 0.00	76.17 1.92 0.00	62.98 1.09 0.00	49.73 0.84 0.00
AUBURN___LFGE 323710	55.22 0.82 0.00	51.51 0.47 -0.08	49.96 0.54 -0.09	48.13 0.56 0.00	46.59 0.56 0.00	51.91 0.42 0.00	54.07 0.37 0.00	56.03 0.50 0.00	65.55 0.54 -0.28	69.92 0.43 -0.63	72.45 0.64 -0.57	88.22 0.87 -1.64	80.30 0.95 -0.54	82.42 1.28 0.00	55.58 0.60 0.00	59.60 0.70 0.00	72.71 1.24 0.00	148.47 2.79 0.00	113.61 2.36 0.00	105.69 2.70 0.00	60.83 1.40 0.00	75.76 1.51 0.00	62.68 0.80 0.00	49.32 0.43 0.00
BABYLON_RES_REC 323704	56.26 1.86 0.00	53.73 2.76 0.00	52.91 3.59 0.00	51.16 3.58 0.00	49.18 3.14 0.00	54.12 2.64 0.00	55.79 2.09 0.00	57.89 2.36 0.00	67.90 3.17 0.00	72.76 3.77 -0.12	75.90 4.19 -0.47	104.81 6.40 -12.70	97.08 6.88 -11.39	147.46 8.48 -57.84	251.33 6.29 -190.06	385.00 6.69 -319.41	819.79 7.95 -740.36	1668.16 16.17 -1506.30	301.83 11.85 -178.73	143.53 9.83 -30.71	113.18 5.20 -48.55	91.54 4.59 -12.71	71.24 2.81 -6.54	51.95 2.05 -1.01
BALL_HILL_WT_PWR 323825	54.95 0.55 0.00	50.57 -0.39 0.00	49.14 -0.18 0.00	47.07 -0.51 0.00	45.61 -0.43 0.00	51.05 -0.44 0.00	52.95 -0.75 0.00	54.13 -1.40 0.00	63.27 -1.46 0.00	66.91 -1.96 0.00	69.87 -1.37 0.00	84.51 -1.19 0.00	78.27 -0.53 0.00	80.65 -0.49 0.00	54.39 -0.59 0.00	57.79 -1.11 0.00	70.96 -0.51 0.00	144.85 -0.84 0.00	111.39 0.14 0.00	104.14 1.15 0.00	60.09 0.66 0.00	73.99 -0.25 0.00	60.97 -0.91 0.00	48.44 -0.46 0.00
BARON_WINDS___WT_PWR 323822	54.97 0.56 0.00	50.71 -0.28 -0.02	49.36 0.01 -0.03	47.37 -0.21 0.00	45.88 -0.16 0.00	51.33 -0.15 0.00	53.46 -0.24 0.00	54.83 -0.69 0.00	64.12 -0.69 -0.08	67.91 -1.14 -0.17	70.56 -0.83 -0.16	85.40 -0.76 -0.45	78.52 -0.43 -0.15	80.78 -0.35 0.00	54.93 -0.05 0.00	58.51 -0.39 0.00	71.64 0.16 0.00	146.02 0.33 0.00	111.93 0.67 0.00	104.81 1.83 0.00	60.35 0.93 0.00	74.90 0.65 0.00	61.72 -0.17 0.00	48.90 0.01 0.00
BARRETT_IC_1 23704	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 -0.01	112.35 5.16 -21.48	108.96 5.70 -24.45	126.54 7.05 -38.35	231.36 5.28 -171.10	386.66 5.52 -322.24	792.65 6.53 -714.65	1720.46 13.01 -1561.76	303.73 9.34 -183.13	135.75 7.65 -25.11	98.89 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BARRETT_IC_10 23701	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 -4.11	94.98 5.16 -7.85	92.36 5.70 -7.85	97.25 7.05 -9.06	173.91 5.28 -113.65	307.50 5.52 -243.08	533.00 6.53 -455.00	261.67 13.01 -102.96	268.70 9.34 -148.10	111.71 7.65 -1.08	98.88 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BARRETT_IC_11 23702	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 0.00	94.98 5.16 -4.11	92.36 5.70 -7.85	97.25 7.05 -9.06	173.91 5.28 -113.65	307.50 5.52 -243.08	533.00 6.53 -455.00	261.67 13.01 -102.96	268.70 9.34 -148.10	111.71 7.65 -1.08	98.88 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BARRETT_IC_12 23703	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 0.00	94.98 5.16 -4.11	92.36 5.70 -7.85	97.25 7.05 -9.06	173.91 5.28 -113.65	307.50 5.52 -243.08	533.00 6.53 -455.00	261.67 13.01 -102.96	268.70 9.34 -148.10	111.71 7.65 -1.08	98.88 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BARRETT_IC_2 23705	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 -0.01	112.35 5.16 -21.48	108.96 5.70 -24.45	126.54 7.05 -38.35	231.36 5.28 -171.10	386.66 5.52 -322.24	792.65 6.53 -714.65	1720.46 13.01 -1561.76	303.73 9.34 -183.13	135.75 7.65 -25.11	98.89 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BARRETT_IC_3 23706	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 -0.01	112.35 5.16 -21.48	108.96 5.70 -24.45	126.54 7.05 -38.35	231.36 5.28 -171.10	386.66 5.52 -322.24	792.65 6.53 -714.65	1720.46 13.01 -1561.76	303.73 9.34 -183.13	135.75 7.65 -25.11	98.89 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BARRETT_IC_4 23707	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 -0.01	112.35 5.16 -21.48	108.96 5.70 -24.45	126.54 7.05 -38.35	231.36 5.28 -171.10	386.66 5.52 -322.24	792.65 6.53 -714.65	1720.46 13.01 -1561.76	303.73 9.34 -183.13	135.75 7.65 -25.11	98.89 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BARRETT_IC_5 23708	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 -0.01	112.35 5.16 -21.48	108.96 5.70 -24.45	126.54 7.05 -38.35	231.36 5.28 -171.10	386.66 5.52 -322.24	792.65 6.53 -714.65	1720.46 13.01 -1561.76	303.73 9.34 -183.13	135.75 7.65 -25.11	98.89 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00

BARRETT_IC_6 23709	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 -0.01	112.35 5.16 -21.48	108.96 5.70 -24.45	126.54 7.05 -38.35	231.36 5.28 -171.10	386.66 5.52 -322.24	792.65 6.53 -714.65	1720.46 13.01 -1561.76	303.73 9.34 -183.13	135.75 7.65 -25.11	98.89 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BARRETT_IC_7 23710	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.99 0.00	48.65 2.61 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.54 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 -0.01	112.42 5.23 -21.48	108.96 5.70 -24.45	126.53 7.05 -38.35	231.37 5.29 -171.10	386.66 5.52 -322.24	792.65 6.53 -714.65	1720.47 13.02 -1561.76	303.72 9.33 -183.13	135.74 7.64 -25.11	98.88 4.01 -35.45	77.59 3.34 0.00	63.92 2.03 0.00	50.41 1.52 0.00
BARRETT_IC_8 23711	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 -0.01	112.35 5.16 -21.48	108.96 5.70 -24.45	126.54 7.05 -38.35	231.36 5.28 -171.10	386.66 5.52 -322.24	792.65 6.53 -714.65	1720.46 13.01 -1561.76	303.73 9.34 -183.13	135.75 7.65 -25.11	98.89 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BARRETT_IC_9 23700	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 0.00	94.98 5.16 -4.11	92.36 5.70 -7.85	97.25 7.05 -9.06	173.91 5.28 -113.65	307.50 5.52 -243.08	533.00 6.53 -455.00	261.67 13.01 -102.96	268.70 9.34 -148.10	111.71 7.65 -1.08	98.88 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BARRETT___1 23545	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 -0.01	112.35 5.16 -21.48	108.96 5.70 -24.45	126.54 7.05 -38.35	231.36 5.28 -171.10	386.66 5.52 -322.24	792.65 6.53 -714.65	1720.46 13.01 -1561.76	303.73 9.34 -183.13	135.75 7.65 -25.11	98.89 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BARRETT___2 23546	56.08 1.68 0.00	53.38 2.41 0.00	52.33 3.00 0.00	50.56 2.98 0.00	48.65 2.62 0.00	53.69 2.20 0.00	55.46 1.76 0.00	57.53 2.01 0.00	67.32 2.59 0.00	71.90 3.03 0.00	74.60 3.36 0.00	94.98 5.16 -4.11	92.36 5.70 -7.85	97.25 7.05 -9.06	173.91 5.28 -113.65	307.50 5.52 -243.08	533.00 6.53 -455.00	261.67 13.01 -102.96	268.70 9.34 -148.10	111.71 7.65 -1.08	98.88 4.01 -35.45	77.59 3.34 0.00	63.91 2.03 0.00	50.41 1.51 0.00
BATAVIA___115KV_TB1 55881	56.19 1.79 0.00	51.84 0.88 0.00	50.24 0.91 0.00	48.19 0.61 0.00	46.72 0.68 0.00	52.27 0.78 0.00	54.14 0.44 0.00	55.35 -0.18 0.00	64.81 0.08 0.00	68.62 -0.25 0.00	71.52 0.28 0.00	86.11 0.40 0.00	79.77 0.97 0.00	81.78 0.64 0.00	55.33 0.35 0.00	59.26 0.36 0.00	71.73 0.26 0.00	147.11 1.42 0.00	113.72 2.46 0.00	105.57 2.58 0.00	61.12 1.69 0.00	75.06 0.81 0.00	61.94 0.06 0.00	49.27 0.38 0.00
BAYONEEC___CTG1 323682	56.43 2.03 0.00	53.39 2.43 0.00	52.02 2.69 0.00	50.23 2.66 0.00	48.52 2.49 0.00	53.83 2.35 0.00	55.95 2.25 0.00	58.17 2.64 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.89 5.18 0.00	84.61 5.80 0.00	88.35 7.22 0.00	79.50 5.30 -19.23	114.88 5.42 -50.56	129.47 6.40 -51.60	170.26 12.95 -11.61	106.46 8.97 13.77	99.49 7.63 11.13	60.99 3.87 2.30	69.62 3.32 7.94	63.90 2.13 0.12	50.79 1.89 0.00
BAYONEEC___CTG10 323750	56.43 2.03 0.00	53.39 2.43 0.00	52.02 2.69 0.00	50.23 2.66 0.00	48.52 2.49 0.00	53.83 2.35 0.00	55.95 2.25 0.00	58.17 2.64 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.89 5.18 0.00	84.61 5.80 0.00	88.35 7.22 0.00	79.50 5.30 -19.23	114.88 5.42 -50.56	129.47 6.40 -51.60	170.26 12.95 -11.61	106.46 8.97 13.77	99.49 7.63 11.13	60.99 3.87 2.30	69.62 3.32 7.94	63.90 2.13 0.12	50.79 1.89 0.00
BAYONEEC___CTG2 323683	56.43 2.03 0.00	53.39 2.43 0.00	52.02 2.69 0.00	50.23 2.66 0.00	48.52 2.49 0.00	53.83 2.35 0.00	55.95 2.25 0.00	58.17 2.64 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.89 5.18 0.00	84.61 5.80 0.00	88.35 7.22 0.00	79.50 5.30 -19.23	114.88 5.42 -50.56	129.47 6.40 -51.60	170.26 12.95 -11.61	106.46 8.97 13.77	99.49 7.63 11.13	60.99 3.87 2.30	69.62 3.32 7.94	63.90 2.13 0.12	50.79 1.89 0.00
BAYONEEC___CTG3 323684	56.43 2.03 0.00	53.39 2.43 0.00	52.02 2.69 0.00	50.23 2.66 0.00	48.52 2.49 0.00	53.83 2.35 0.00	55.95 2.25 0.00	58.17 2.64 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.89 5.18 0.00	84.61 5.80 0.00	88.35 7.22 0.00	79.50 5.30 -19.23	114.88 5.42 -50.56	129.47 6.40 -51.60	170.26 12.95 -11.61	106.46 8.97 13.77	99.49 7.63 11.13	60.99 3.87 2.30	69.62 3.32 7.94	63.90 2.13 0.12	50.79 1.89 0.00
BAYONEEC___CTG4 323685	56.43 2.03 0.00	53.39 2.43 0.00	52.02 2.69 0.00	50.23 2.66 0.00	48.52 2.49 0.00	53.83 2.35 0.00	55.95 2.25 0.00	58.17 2.64 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.89 5.18 0.00	84.61 5.80 0.00	88.35 7.22 0.00	79.50 5.30 -19.23	114.88 5.42 -50.56	129.47 6.40 -51.60	170.26 12.95 -11.61	106.46 8.97 13.77	99.49 7.63 11.13	60.99 3.87 2.30	69.62 3.32 7.94	63.90 2.13 0.12	50.79 1.89 0.00
BAYONEEC___CTG5 323686	56.43 2.03 0.00	53.39 2.43 0.00	52.02 2.69 0.00	50.23 2.66 0.00	48.52 2.49 0.00	53.83 2.35 0.00	55.95 2.25 0.00	58.17 2.64 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.89 5.18 0.00	84.61 5.80 0.00	88.35 7.22 0.00	79.50 5.30 -19.23	114.88 5.42 -50.56	129.47 6.40 -51.60	170.26 12.95 -11.61	106.46 8.97 13.77	99.49 7.63 11.13	60.99 3.87 2.30	69.62 3.32 7.94	63.90 2.13 0.12	50.79 1.89 0.00
BAYONEEC___CTG6 323687	56.43 2.03 0.00	53.39 2.43 0.00	52.02 2.69 0.00	50.23 2.66 0.00	48.52 2.49 0.00	53.83 2.35 0.00	55.95 2.25 0.00	58.17 2.64 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.89 5.18 0.00	84.61 5.80 0.00	88.35 7.22 0.00	79.50 5.30 -19.23	114.88 5.42 -50.56	129.47 6.40 -51.60	170.26 12.95 -11.61	106.46 8.97 13.77	99.49 7.63 11.13	60.99 3.87 2.30	69.62 3.32 7.94	63.90 2.13 0.12	50.79 1.89 0.00
BAYONEEC___CTG7 323688	56.43 2.03 0.00	53.39 2.43 0.00	52.02 2.69 0.00	50.23 2.66 0.00	48.52 2.49 0.00	53.83 2.35 0.00	55.95 2.25 0.00	58.17 2.64 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.89 5.18 0.00	84.61 5.80 0.00	88.35 7.22 0.00	79.50 5.30 -19.23	114.88 5.42 -50.56	129.47 6.40 -51.60	170.26 12.95 -11.61	106.46 8.97 13.77	99.49 7.63 11.13	60.99 3.87 2.30	69.62 3.32 7.94	63.90 2.13 0.12	50.79 1.89 0.00

BAYONEEC___CTG8 323689	56.43 2.03 0.00	53.39 2.43 0.00	52.02 2.69 0.00	50.23 2.66 0.00	48.52 2.49 0.00	53.83 2.35 0.00	55.95 2.25 0.00	58.17 2.64 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.89 5.18 0.00	84.61 5.80 0.00	88.35 7.22 0.00	79.50 5.30 -19.23	114.88 5.42 -50.56	129.47 6.40 -51.60	170.26 12.95 -11.61	106.46 8.97 13.77	99.49 7.63 11.13	60.99 3.87 2.30	69.62 3.32 7.94	63.90 2.13 0.12	50.79 1.89 0.00
BAYONEEC___CTG9 323749	56.43 2.03 0.00	53.39 2.43 0.00	52.02 2.69 0.00	50.23 2.66 0.00	48.52 2.49 0.00	53.83 2.35 0.00	55.95 2.25 0.00	58.17 2.64 0.00	67.91 3.18 0.00	72.33 3.46 0.00	74.89 3.65 0.00	90.89 5.18 0.00	84.61 5.80 0.00	88.35 7.22 0.00	79.50 5.30 -19.23	114.88 5.42 -50.56	129.47 6.40 -51.60	170.26 12.95 -11.61	106.46 8.97 13.77	99.49 7.63 11.13	60.99 3.87 2.30	69.62 3.32 7.94	63.90 2.13 0.12	50.79 1.89 0.00
BEACON___LESR 323632	55.30 0.90 0.00	51.99 1.02 0.00	50.70 1.37 0.00	48.76 1.18 0.00	47.31 1.27 0.00	52.70 1.22 0.00	54.85 1.15 0.00	56.97 1.45 0.00	66.30 1.58 0.00	70.59 1.72 0.00	73.08 1.84 0.00	88.19 2.48 0.00	81.81 3.00 0.00	84.44 3.30 0.00	57.34 2.36 0.00	57.56 2.64 3.99	74.53 3.06 0.00	152.09 6.40 0.00	116.56 5.30 0.00	107.81 4.82 0.00	61.63 2.20 0.00	76.72 2.48 0.00	63.16 1.28 0.00	49.73 0.83 0.00
BEAVER RIVER___HYD 24048	57.12 2.72 0.00	53.32 2.31 -0.04	51.51 2.14 -0.05	49.56 1.99 0.00	47.97 1.93 0.00	53.78 2.30 0.00	56.31 2.61 0.00	58.01 2.49 0.00	67.70 2.81 -0.15	71.57 2.36 -0.34	73.07 1.52 -0.31	87.76 1.16 -0.89	79.86 0.76 -0.29	81.47 0.34 0.00	55.23 0.25 0.00	58.79 -0.11 0.00	71.51 0.03 0.00	146.67 0.98 0.00	112.74 1.49 0.00	104.64 1.65 0.00	61.77 2.34 0.00	77.84 3.59 0.00	64.73 2.85 0.00	51.06 2.16 0.00
BEEBEE_GT_13 23619	55.14 0.74 0.00	51.06 0.09 0.00	49.44 0.12 0.00	47.53 -0.05 0.00	46.03 0.00 0.00	51.48 -0.01 0.00	53.48 -0.22 0.00	55.00 -0.53 0.00	64.29 -0.44 0.00	68.25 -0.62 0.00	71.09 -0.14 0.00	85.85 0.14 0.00	79.29 0.49 0.00	81.77 0.63 0.00	55.28 0.29 0.00	59.13 0.22 0.00	71.84 0.36 0.00	147.04 1.35 0.00	113.01 1.76 0.00	104.73 1.74 0.00	60.51 1.08 0.00	74.80 0.56 0.00	61.80 -0.08 0.00	48.91 0.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	57.13 2.72 0.00	54.13 3.17 0.00	52.66 3.34 0.00	50.93 3.35 0.00	49.15 3.11 0.00	54.47 2.98 0.00	56.54 2.84 0.00	58.68 3.15 0.00	68.75 4.03 0.00	73.14 4.28 0.00	75.67 4.43 0.00	91.78 6.08 0.00	85.60 6.80 0.00	89.42 8.28 0.00	80.14 5.94 -19.22	115.44 5.98 -50.56	130.15 7.07 -51.61	171.67 14.37 -11.61	107.59 10.10 13.77	100.61 8.75 11.13	61.64 4.51 2.30	70.40 4.11 7.95	64.61 2.85 0.12	51.43 2.53 -0.01
BETHLEHEM___GRP 23843	54.41 0.00 0.00	51.26 0.30 0.00	49.97 0.64 0.00	48.25 0.68 0.00	46.59 0.55 0.00	51.86 0.37 0.00	53.86 0.16 0.00	55.95 0.42 0.00	65.13 0.40 0.00	69.32 0.45 0.00	71.75 0.51 0.00	86.68 0.98 0.00	80.13 1.32 0.00	82.85 1.72 0.00	56.39 1.41 0.00	58.32 1.58 2.17	73.15 1.67 0.00	149.11 3.42 0.00	114.08 2.83 0.00	105.34 2.35 0.00	60.50 1.08 0.00	75.16 0.91 0.00	62.14 0.25 0.00	48.99 0.09 0.00
BETHLEHEM___GS1 323560	54.41 0.00 0.00	51.26 0.30 0.00	49.97 0.65 0.00	48.25 0.68 0.00	46.59 0.55 0.00	51.86 0.37 0.00	53.86 0.16 0.00	55.95 0.42 0.00	65.13 0.40 0.00	69.33 0.46 0.00	71.74 0.51 0.00	86.68 0.98 0.00	80.13 1.32 0.00	82.85 1.72 0.00	56.39 1.41 0.00	58.32 1.58 2.17	73.14 1.67 0.00	149.12 3.43 0.00	114.08 2.83 0.00	105.34 2.35 0.00	60.50 1.08 0.00	75.15 0.90 0.00	62.14 0.26 0.00	48.99 0.09 0.00
BETHLEHEM___GS2 323561	54.41 0.00 0.00	51.26 0.30 0.00	49.97 0.65 0.00	48.25 0.68 0.00	46.59 0.55 0.00	51.86 0.37 0.00	53.86 0.16 0.00	55.95 0.42 0.00	65.13 0.40 0.00	69.33 0.46 0.00	71.74 0.51 0.00	86.68 0.98 0.00	80.13 1.32 0.00	82.85 1.72 0.00	56.39 1.41 0.00	58.32 1.58 2.17	73.14 1.67 0.00	149.12 3.43 0.00	114.08 2.83 0.00	105.34 2.35 0.00	60.50 1.08 0.00	75.15 0.90 0.00	62.14 0.26 0.00	48.99 0.09 0.00
BETHLEHEM___GS3 323562	54.41 0.00 0.00	51.26 0.30 0.00	49.97 0.65 0.00	48.25 0.68 0.00	46.59 0.55 0.00	51.86 0.37 0.00	53.86 0.16 0.00	55.95 0.42 0.00	65.13 0.40 0.00	69.33 0.46 0.00	71.74 0.51 0.00	86.68 0.98 0.00	80.13 1.32 0.00	82.85 1.72 0.00	56.39 1.41 0.00	58.32 1.58 2.17	73.14 1.67 0.00	149.12 3.43 0.00	114.08 2.83 0.00	105.34 2.35 0.00	60.50 1.08 0.00	75.15 0.90 0.00	62.14 0.26 0.00	48.99 0.09 0.00
BETHLEHEM___STEEL 23779	54.82 0.41 0.00	50.48 -0.48 0.00	49.03 -0.30 0.00	46.99 -0.59 0.00	45.53 -0.50 0.00	50.93 -0.55 0.00	52.72 -0.97 0.00	53.85 -1.68 0.00	62.96 -1.78 0.00	66.67 -2.20 0.00	69.65 -1.59 0.00	84.28 -1.43 0.00	78.11 -0.69 0.00	80.25 -0.88 0.00	54.08 -0.90 0.00	57.63 -1.27 0.00	70.52 -0.96 0.00	144.16 -1.53 0.00	111.11 -0.14 0.00	103.53 0.54 0.00	59.87 0.45 0.00	73.47 -0.78 0.00	60.63 -1.26 0.00	48.22 -0.68 0.00
BETHLHEM_115KV_TB1 79974	54.55 0.14 0.00	51.39 0.42 0.00	50.09 0.77 0.00	48.39 0.81 0.00	46.70 0.67 0.00	51.99 0.50 0.00	54.00 0.30 0.00	56.07 0.54 0.00	65.28 0.55 0.00	69.49 0.62 0.00	71.91 0.68 0.00	86.87 1.17 0.00	80.30 1.49 0.00	83.03 1.89 0.00	56.51 1.53 0.00	58.57 1.70 2.04	73.30 1.83 0.00	149.43 3.74 0.00	114.29 3.04 0.00	105.52 2.53 0.00	60.61 1.19 0.00	75.29 1.05 0.00	62.26 0.38 0.00	49.10 0.21 0.00
BETHPAGE_CC_5 323564	56.02 1.61 0.00	53.45 2.49 0.00	52.57 3.25 0.00	50.81 3.24 0.00	48.87 2.83 0.00	53.82 2.33 0.00	55.53 1.83 0.00	57.63 2.10 0.00	67.58 2.86 0.00	72.28 3.36 -0.05	75.04 3.72 -0.09	96.37 5.85 -4.81	89.57 6.41 -4.36	139.99 7.97 -50.89	248.92 5.95 -187.98	384.86 6.27 -319.68	819.65 7.36 -740.82	1671.95 14.90 -1511.35	299.86 10.71 -177.90	136.80 8.83 -24.98	102.97 4.59 -38.96	81.60 3.86 -3.50	65.86 2.23 -1.75	50.78 1.61 -0.27
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	54.93 0.53 0.00	50.58 -0.38 0.00	49.11 -0.21 0.00	47.06 -0.51 0.00	45.60 -0.44 0.00	51.02 -0.47 0.00	52.83 -0.87 0.00	53.99 -1.54 0.00	63.11 -1.62 0.00	66.85 -2.02 0.00	69.84 -1.40 0.00	84.52 -1.19 0.00	78.32 -0.48 0.00	80.50 -0.64 0.00	54.25 -0.73 0.00	57.79 -1.11 0.00	70.72 -0.75 0.00	144.61 -1.08 0.00	111.44 0.19 0.00	103.85 0.86 0.00	60.05 0.63 0.00	73.66 -0.58 0.00	60.76 -1.12 0.00	48.30 -0.59 0.00
BINGHAMTON___COGEN 23790	54.94 0.54 0.00	51.13 0.12 -0.04	49.76 0.39 -0.04	47.89 0.31 0.00	46.33 0.29 0.00	51.72 0.23 0.00	53.90 0.20 0.00	55.63 0.10 0.00	65.09 0.22 -0.14	69.53 0.36 -0.30	72.06 0.55 -0.28	87.42 0.93 -0.79	79.92 0.86 -0.26	82.48 1.34 0.00	56.54 1.03 -0.53	61.62 0.85 -1.87	75.98 1.44 -3.07	149.17 2.91 -0.58	113.38 2.13 0.00	105.57 2.58 0.00	60.65 1.23 0.00	75.51 1.27 0.00	62.39 0.51 0.00	49.28 0.39 0.00

BIXINCNT_115KV_LOAD 355685	55.20 0.79 0.00	50.82 -0.15 0.00	49.36 0.04 0.00	47.31 -0.27 0.00	45.84 -0.19 0.00	51.33 -0.16 0.00	53.30 -0.40 0.00	54.59 -0.94 0.00	63.81 -0.92 0.00	67.54 -1.33 0.00	70.41 -0.83 0.00	85.07 -0.63 0.00	78.86 0.06 0.00	81.27 0.14 0.00	54.76 -0.22 0.00	58.19 -0.72 0.00	71.05 -0.42 0.00	145.63 -0.07 0.00	112.12 0.86 0.00	104.95 1.96 0.00	60.61 1.19 0.00	74.50 0.26 0.00	61.34 -0.54 0.00	48.71 -0.19 0.00
BLACK RIVER___HYD 24047	57.92 3.52 0.00	53.96 2.93 -0.07	52.12 2.72 -0.08	50.09 2.52 0.00	48.47 2.43 0.00	54.32 2.84 0.00	56.90 3.20 0.00	58.57 3.05 0.00	68.56 3.57 -0.26	72.66 3.22 -0.57	74.24 2.48 -0.52	89.42 2.21 -1.50	81.05 1.75 -0.50	82.75 1.61 0.00	56.19 1.21 0.00	59.49 0.59 0.00	72.30 0.83 0.00	148.89 3.20 0.00	114.89 3.64 0.00	106.36 3.37 0.00	63.13 3.70 0.00	79.38 5.14 0.00	65.78 3.90 0.00	51.74 2.84 0.00
BLACKRVR_115KV_TB2 79977	57.92 3.52 0.00	53.96 2.93 -0.07	52.12 2.71 -0.08	50.10 2.52 0.00	48.47 2.43 0.00	54.32 2.84 0.00	56.90 3.20 0.00	58.57 3.05 0.00	68.56 3.58 -0.26	72.66 3.22 -0.57	74.24 2.48 -0.52	89.42 2.22 -1.50	81.04 1.74 -0.50	82.75 1.61 0.00	56.19 1.21 0.00	59.49 0.59 0.00	72.30 0.83 0.00	148.89 3.20 0.00	114.90 3.64 0.00	106.36 3.37 0.00	63.13 3.71 0.00	79.39 5.14 0.00	65.78 3.90 0.00	51.74 2.85 0.00
BLDWN_LI_69_KV_BK4 356085	56.59 2.19 0.00	53.85 2.89 0.00	52.83 3.50 0.00	51.01 3.43 0.00	49.06 3.03 0.00	54.13 2.65 0.00	55.95 2.25 0.00	58.11 2.59 0.00	68.10 3.37 0.00	72.59 3.72 0.00	75.22 3.98 0.00	98.93 6.13 -7.10	93.83 6.66 -8.36	135.74 8.17 -46.43	245.29 6.07 -184.24	385.92 6.40 -320.61	815.79 7.64 -736.67	1690.31 15.53 -1529.09	301.43 11.21 -178.96	135.51 9.30 -23.22	99.83 4.96 -35.45	78.87 4.63 0.00	64.81 2.93 0.00	51.06 2.17 0.00
BLISS_WT_PWR 323608	55.20 0.80 0.00	50.83 -0.13 0.00	49.36 0.03 0.00	47.31 -0.27 0.00	45.85 -0.19 0.00	51.34 -0.15 0.00	53.31 -0.39 0.00	54.61 -0.91 0.00	63.85 -0.88 0.00	67.58 -1.29 0.00	70.44 -0.80 0.00	85.13 -0.57 0.00	78.90 0.09 0.00	81.29 0.15 0.00	54.82 -0.16 0.00	58.20 -0.70 0.00	71.00 -0.48 0.00	145.53 -0.16 0.00	112.04 0.79 0.00	104.95 1.96 0.00	60.61 1.19 0.00	74.51 0.27 0.00	61.34 -0.54 0.00	48.71 -0.18 0.00
BLUESTONE___WT_PWR 323821	57.32 2.92 0.00	53.49 2.50 -0.03	52.13 2.77 -0.04	50.22 2.64 0.00	48.60 2.57 0.00	54.31 2.82 0.00	56.64 2.94 0.00	58.58 3.06 0.00	68.64 3.79 -0.12	73.37 4.24 -0.26	75.85 4.37 -0.24	92.18 5.79 -0.68	84.12 5.10 -0.22	86.65 5.51 0.00	59.14 3.57 -0.59	64.61 3.63 -2.07	79.89 5.01 -3.41	156.98 10.65 -0.64	119.57 8.32 0.00	111.83 8.84 0.00	64.35 4.93 0.00	79.98 5.73 0.00	65.88 3.99 0.00	51.83 2.94 0.00
BLUE_CIRC_CHEM_DRP 24182	54.39 -0.01 0.00	51.86 0.89 0.00	50.60 1.28 0.00	48.89 1.31 0.00	47.19 1.16 0.00	52.55 1.06 0.00	54.58 0.88 0.00	56.54 1.01 0.00	65.70 0.97 0.00	69.95 1.08 0.00	72.26 1.03 0.00	87.12 1.42 0.00	80.06 1.25 0.00	81.87 0.74 0.00	55.56 0.57 0.00	57.64 0.73 1.99	72.10 0.63 0.00	146.97 1.28 0.00	112.38 1.12 0.00	104.03 1.04 0.00	59.83 0.40 0.00	74.44 0.20 0.00	61.63 -0.25 0.00	48.62 -0.27 0.00
BOC_GAS_DRP 24189	54.80 0.40 0.00	51.62 0.66 0.00	50.33 1.00 0.00	48.64 1.06 0.00	46.95 0.91 0.00	52.25 0.77 0.00	54.28 0.58 0.00	56.30 0.77 0.00	65.56 0.83 0.00	69.76 0.89 0.00	72.20 0.97 0.00	87.21 1.51 0.00	80.57 1.76 0.00	83.28 2.14 0.00	56.00 1.68 0.66	57.08 1.83 3.66	69.65 2.01 3.83	149.02 4.04 0.72	114.35 3.10 0.00	105.61 2.62 0.00	60.70 1.28 0.00	75.42 1.17 0.00	62.44 0.56 0.00	49.29 0.39 0.00
BOONVILLE_115KV_TB1 79983	56.63 2.23 0.00	52.92 1.93 -0.02	51.23 1.88 -0.02	49.37 1.80 0.00	47.73 1.70 0.00	53.42 1.94 0.00	55.84 2.14 0.00	57.70 2.17 0.00	67.38 2.58 -0.07	71.48 2.44 -0.17	73.66 2.27 -0.15	88.68 2.53 -0.44	81.26 2.31 -0.14	83.45 2.32 0.00	56.58 1.60 0.00	60.42 1.52 0.00	73.50 2.03 0.00	150.26 4.57 0.00	115.09 3.84 0.00	106.97 3.99 0.00	62.13 2.70 0.00	77.62 3.37 0.00	64.41 2.53 0.00	50.74 1.84 0.00
BORALEX_4TH_BRANCH 23824	56.69 2.29 0.00	53.29 2.32 0.00	51.95 2.63 0.00	50.06 2.48 0.00	48.32 2.28 0.00	53.78 2.30 0.00	55.65 1.96 0.00	58.02 2.49 0.00	67.40 2.67 0.00	71.64 2.77 0.00	74.15 2.91 0.00	89.82 4.11 0.00	83.08 4.28 0.00	86.10 4.96 0.00	60.58 3.65 -1.95	71.02 3.90 -8.22	86.98 4.24 -11.27	156.49 8.69 -2.11	118.55 7.29 0.00	109.58 6.59 0.00	62.77 3.34 0.00	78.25 4.01 0.00	64.66 2.78 0.00	50.95 2.05 0.00
BOWLINE___1 23526	55.99 1.59 0.00	52.82 1.85 0.00	51.37 2.05 0.00	49.59 2.01 0.00	47.89 1.85 0.00	53.17 1.69 0.00	55.34 1.64 0.00	57.47 1.95 0.00	67.06 2.33 0.00	71.38 2.51 0.00	74.02 2.78 0.00	89.87 4.16 0.00	83.61 4.81 0.00	87.24 6.10 0.00	63.79 4.54 -4.27	108.11 4.76 -44.44	151.36 5.64 -74.25	170.08 11.34 -13.05	119.22 7.96 0.00	109.68 6.69 0.00	62.81 3.38 0.00	77.18 2.94 0.00	63.67 1.79 0.00	50.37 1.48 0.00
BOWLINE___2 23595	55.91 1.50 0.00	52.73 1.77 0.00	51.29 1.97 0.00	49.51 1.94 0.00	47.80 1.77 0.00	53.10 1.62 0.00	55.25 1.55 0.00	57.39 1.86 0.00	66.94 2.21 0.00	71.26 2.40 0.00	73.90 2.67 0.00	89.71 4.00 0.00	83.47 4.67 0.00	87.11 5.98 0.00	63.70 4.45 -4.27	108.02 4.68 -44.44	151.24 5.51 -74.26	169.81 11.07 -13.05	119.00 7.75 0.00	109.52 6.53 0.00	62.69 3.27 0.00	77.06 2.81 0.00	63.56 1.68 0.00	50.29 1.39 0.00
BRADY___115KV_TB2 356060	55.44 1.04 0.00	51.92 0.95 0.00	49.89 0.56 0.00	48.03 0.46 0.00	46.60 0.56 0.00	52.59 1.10 0.00	55.09 1.39 0.00	56.58 1.05 0.00	65.86 1.14 0.00	69.83 0.96 0.00	71.72 0.48 0.00	85.63 -0.08 0.00	78.00 -0.81 0.00	78.62 -2.52 0.00	53.22 -1.76 0.00	57.16 -1.74 0.00	69.41 -2.06 0.00	141.59 -4.10 0.00	108.37 -2.88 0.00	100.38 -2.61 0.00	58.39 -1.03 0.00	74.52 0.28 0.00	62.83 0.94 0.00	49.82 0.92 0.00
BRANSCOMB___SOLAR 323811	57.00 2.60 0.00	53.44 2.48 0.00	51.97 2.64 0.00	50.13 2.55 0.00	48.39 2.35 0.00	53.91 2.43 0.00	56.08 2.38 0.00	58.16 2.63 0.00	67.61 2.88 0.00	71.82 2.95 0.00	74.19 2.96 0.00	89.59 3.89 0.00	82.62 3.81 0.00	85.42 4.29 0.00	57.97 2.99 0.00	63.41 3.40 -1.11	75.37 3.90 0.00	153.93 8.24 0.00	118.59 7.34 0.00	110.01 7.02 0.00	63.17 3.75 0.00	78.56 4.31 0.00	64.94 3.06 0.00	51.12 2.22 0.00
BRDGHMPT_69_KV_BK1 55812	57.00 2.60 0.00	54.52 3.56 0.00	54.13 4.81 0.00	52.86 5.28 0.00	50.89 4.85 0.00	55.98 4.50 0.00	57.51 3.81 0.00	59.30 3.77 0.00	70.27 5.54 0.00	75.75 6.22 -0.66	85.67 6.77 -7.67	265.81 9.16 -170.94	235.26 9.04 -147.42	285.89 11.07 -193.68	299.69 8.17 -236.54	386.55 8.54 -319.11	831.07 9.59 -750.01	1664.87 18.64 -1500.54	329.20 13.42 -204.53	278.76 12.47 -163.31	302.70 6.44 -236.84	282.79 5.59 -202.96	166.51 4.04 -100.59	67.53 3.09 -15.54

BRENTWOD_69_KV_W. BRTWOOD 56703	56.35 1.95 0.00	53.90 2.94 0.00	53.20 3.88 0.00	51.52 3.94 0.00	49.51 3.47 0.00	54.36 2.88 0.00	55.93 2.23 0.00	57.95 2.42 0.00	68.07 3.34 0.00	73.59 3.94 -0.78	76.96 4.20 -1.52	127.49 6.14 -35.65	115.13 6.48 -29.85	168.10 8.09 -78.87	257.32 6.00 -196.34	384.54 6.42 -319.22	819.64 7.56 -740.61	1663.71 15.44 -1502.58	303.97 11.21 -181.51	160.95 9.19 -48.77	141.72 4.85 -77.45	118.99 3.99 -40.76	85.44 2.58 -20.98	54.11 1.97 -3.24
BRISTLHL_115KV_TB1 79998	53.71 -0.69 0.00	50.25 -0.88 -0.17	48.77 -0.76 -0.20	46.85 -0.73 0.00	45.33 -0.71 0.00	50.64 -0.85 0.00	52.76 -0.94 0.00	54.60 -0.92 0.00	64.23 -1.12 -0.62	69.05 -1.17 -1.35	71.29 -1.19 -1.24	87.99 -1.27 -3.55	78.89 -1.09 -1.17	80.36 -0.77 0.00	54.51 -0.47 0.00	58.33 -0.57 0.00	70.97 -0.51 0.00	144.74 -0.94 0.00	110.76 -0.49 0.00	102.68 -0.31 0.00	59.17 -0.25 0.00	73.66 -0.58 0.00	61.08 -0.81 0.00	48.22 -0.67 0.00
BROOKHAVEN___DRP 24191	56.20 1.80 0.00	53.79 2.83 0.00	53.13 3.80 0.00	51.47 3.90 0.00	49.47 3.44 0.00	54.41 2.92 0.00	55.93 2.23 0.00	57.88 2.36 0.00	68.10 3.37 0.00	73.48 3.96 -0.64	83.19 4.36 -7.59	261.88 6.54 -169.63	231.35 6.77 -145.77	282.34 8.37 -192.84	297.07 6.12 -235.97	384.47 6.46 -319.10	828.50 7.41 -749.62	1661.10 14.91 -1500.51	326.36 10.96 -204.14	274.61 9.54 -162.08	300.23 5.15 -235.66	280.22 4.41 -201.56	164.71 2.82 -100.00	66.50 2.16 -15.45
BROOKLYN_NAVY_YARD 23515	56.45 2.05 0.00	53.40 2.44 0.00	52.04 2.72 0.00	50.26 2.69 0.00	48.57 2.53 0.00	53.88 2.39 0.00	56.03 2.33 0.00	58.29 2.76 0.00	68.04 3.31 0.00	72.49 3.62 0.00	75.01 3.77 0.00	91.03 5.26 -0.06	84.69 5.88 0.00	89.08 7.32 -0.62	80.81 5.39 -20.45	116.67 5.53 -52.24	165.27 6.53 -87.28	205.76 13.26 -46.80	121.15 9.19 -0.71	111.30 7.81 -0.51	63.37 3.95 0.00	77.65 3.40 0.00	64.14 2.26 0.00	50.85 1.96 0.00
BROOKLYN___ARMY_DRP 323595	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
BROOME_2_LFGE 323671	54.94 0.54 0.00	51.13 0.13 -0.04	49.76 0.39 -0.04	47.89 0.31 0.00	46.33 0.29 0.00	51.72 0.24 0.00	53.90 0.20 0.00	55.63 0.11 0.00	65.09 0.22 -0.14	69.54 0.36 -0.30	72.06 0.55 -0.28	87.44 0.94 -0.79	79.92 0.86 -0.26	82.48 1.34 0.00	56.53 1.02 -0.53	61.61 0.84 -1.87	75.97 1.43 -3.07	149.17 2.91 -0.58	113.39 2.14 0.00	105.57 2.58 0.00	60.65 1.23 0.00	75.51 1.27 0.00	62.39 0.51 0.00	49.28 0.39 0.00
BROOME___LFGE 323600	54.94 0.54 0.00	51.13 0.13 -0.04	49.76 0.39 -0.04	47.89 0.31 0.00	46.33 0.29 0.00	51.72 0.24 0.00	53.90 0.20 0.00	55.63 0.11 0.00	65.09 0.22 -0.14	69.54 0.36 -0.30	72.06 0.55 -0.28	87.44 0.94 -0.79	79.92 0.86 -0.26	82.48 1.34 0.00	56.53 1.02 -0.53	61.61 0.84 -1.87	75.97 1.43 -3.07	149.17 2.91 -0.58	113.39 2.14 0.00	105.57 2.58 0.00	60.65 1.23 0.00	75.51 1.27 0.00	62.39 0.51 0.00	49.28 0.39 0.00
BROWNFLS_115KV_TB 3_5 80003	56.12 1.71 0.00	52.46 1.47 -0.03	50.57 1.21 -0.03	48.66 1.08 0.00	47.14 1.10 0.00	52.94 1.46 0.00	55.44 1.74 0.00	57.04 1.52 0.00	66.47 1.64 -0.10	70.34 1.24 -0.23	71.86 0.41 -0.21	86.07 -0.24 -0.61	78.34 -0.66 -0.20	79.44 -1.69 0.00	53.75 -1.22 0.00	57.33 -1.58 0.00	69.66 -1.81 0.00	142.44 -3.25 0.00	109.29 -1.96 0.00	101.34 -1.65 0.00	59.50 0.07 0.00	75.50 1.26 0.00	63.20 1.32 0.00	50.04 1.14 0.00
BROWNSV1_27_KV_LOAD 356125	57.29 2.89 0.00	54.15 3.18 0.00	52.73 3.41 0.00	50.88 3.31 0.00	49.17 3.13 0.00	54.55 3.06 0.00	56.75 3.05 0.00	59.04 3.52 0.00	68.98 4.25 0.00	73.50 4.63 0.00	76.15 4.92 0.00	92.45 6.75 0.00	86.08 7.28 0.00	89.90 8.76 0.00	80.58 6.37 -19.23	116.06 6.60 -50.56	161.09 7.85 -81.77	177.43 15.89 -15.84	122.45 11.20 0.00	112.67 9.68 0.00	64.42 5.00 0.00	78.93 4.68 0.00	65.10 3.22 0.00	51.58 2.68 0.00
BURROWS___LYONSDAL 23803	56.73 2.32 0.00	52.98 1.99 -0.03	51.27 1.92 -0.03	49.39 1.82 0.00	47.76 1.73 0.00	53.48 1.99 0.00	55.91 2.22 0.00	57.75 2.23 0.00	67.43 2.61 -0.09	71.48 2.42 -0.20	73.50 2.07 -0.18	88.47 2.23 -0.52	80.91 1.93 -0.17	83.00 1.86 0.00	56.28 1.30 0.00	60.07 1.17 0.00	73.08 1.61 0.00	149.48 3.79 0.00	114.59 3.34 0.00	106.49 3.50 0.00	62.04 2.61 0.00	77.63 3.38 0.00	64.45 2.57 0.00	50.80 1.90 0.00
CAITHNESS_CC_1 323624	56.14 1.74 0.00	53.73 2.76 0.00	53.06 3.73 0.00	51.39 3.82 0.00	49.41 3.37 0.00	54.32 2.84 0.00	55.83 2.14 0.00	57.78 2.26 0.00	67.94 3.22 0.00	73.30 3.80 -0.63	82.93 4.17 -7.52	260.33 6.30 -168.32	229.58 6.66 -144.12	281.33 8.20 -191.99	296.40 6.01 -235.40	384.34 6.34 -319.10	828.02 7.32 -749.22	1660.92 14.76 -1500.47	325.82 10.81 -203.76	273.13 9.30 -160.85	298.89 4.98 -234.49	278.63 4.22 -200.16	163.98 2.68 -99.41	66.27 2.01 -15.36
CALPINE BETH_PAGE_GT4 24209	56.03 1.63 0.00	53.42 2.46 0.00	52.52 3.19 0.00	50.77 3.19 0.00	48.82 2.79 0.00	53.76 2.28 0.00	55.51 1.81 0.00	57.63 2.10 0.00	67.58 2.85 0.00	72.26 3.36 -0.03	75.02 3.71 -0.07	96.37 5.88 -4.78	89.90 6.40 -4.69	139.32 7.97 -50.22	248.74 5.96 -187.80	385.14 6.23 -320.00	820.17 7.30 -741.40	1677.74 14.77 -1517.29	299.88 10.58 -178.04	136.18 8.71 -24.48	102.02 4.53 -38.06	80.65 3.80 -2.61	65.38 2.19 -1.31	50.67 1.57 -0.20
CALPINE_BETH_PAGE_GT_4 323586	56.04 1.63 0.00	53.42 2.46 0.00	52.52 3.19 0.00	50.76 3.19 0.00	48.82 2.79 0.00	53.76 2.28 0.00	55.50 1.81 0.00	57.62 2.09 0.00	67.58 2.85 0.00	72.26 3.36 -0.03	75.01 3.71 -0.07	96.33 5.84 -4.78	89.90 6.40 -4.70	139.32 7.97 -50.22	248.74 5.95 -187.80	385.14 6.23 -320.00	820.16 7.28 -741.40	1677.70 14.73 -1517.29	299.87 10.58 -178.04	136.18 8.71 -24.49	102.02 4.53 -38.06	80.65 3.79 -2.61	65.38 2.19 -1.31	50.67 1.57 -0.20
CALPINE_BP_GT1 23823	56.04 1.63 0.00	53.42 2.46 0.00	52.52 3.19 0.00	50.76 3.19 0.00	48.82 2.79 0.00	53.76 2.28 0.00	55.50 1.81 0.00	57.62 2.09 0.00	67.58 2.85 0.00	72.26 3.36 -0.03	75.01 3.71 -0.07	96.33 5.84 -4.78	89.90 6.40 -4.70	139.32 7.97 -50.22	248.74 5.95 -187.80	385.14 6.23 -320.00	820.16 7.28 -741.40	1677.70 14.73 -1517.29	299.87 10.58 -178.04	136.18 8.71 -24.49	102.02 4.53 -38.06	80.65 3.79 -2.61	65.38 2.19 -1.31	50.67 1.57 -0.20
CALSPAN___DRP 24200	54.82 0.41 0.00	50.48 -0.48 0.00	49.03 -0.30 0.00	46.99 -0.59 0.00	45.53 -0.50 0.00	50.93 -0.55 0.00	52.72 -0.97 0.00	53.85 -1.68 0.00	62.96 -1.78 0.00	66.67 -2.20 0.00	69.65 -1.59 0.00	84.28 -1.43 0.00	78.11 -0.69 0.00	80.25 -0.88 0.00	54.08 -0.90 0.00	57.63 -1.27 0.00	70.52 -0.96 0.00	144.16 -1.53 0.00	111.11 -0.14 0.00	103.53 0.54 0.00	59.87 0.45 0.00	73.47 -0.78 0.00	60.63 -1.26 0.00	48.22 -0.68 0.00

CALVERTON___SOLAR 323806	56.32 1.92 0.00	53.89 2.92 0.00	53.24 3.91 0.00	51.60 4.02 0.00	49.62 3.58 0.00	54.58 3.10 0.00	56.10 2.41 0.00	58.04 2.51 0.00	68.35 3.61 0.00	73.74 4.22 -0.65	83.49 4.63 -7.62	262.67 6.80 -170.16	232.23 7.01 -146.41	283.01 8.68 -193.19	297.49 6.31 -236.20	384.68 6.68 -319.10	828.84 7.60 -749.77	1661.44 15.24 -1500.52	326.78 11.23 -204.30	275.51 9.94 -162.58	300.96 5.38 -236.16	281.03 4.64 -202.14	165.17 3.03 -100.25	66.71 2.32 -15.49
CANDIGU_WT_PWR 323617	54.97 0.56 0.00	50.71 -0.28 -0.02	49.36 0.01 -0.03	47.37 -0.21 0.00	45.88 -0.16 0.00	51.33 -0.15 0.00	53.46 -0.24 0.00	54.83 -0.69 0.00	64.12 -0.69 -0.08	67.91 -1.14 -0.17	70.56 -0.83 -0.16	85.40 -0.76 -0.45	78.52 -0.43 -0.15	80.78 -0.35 0.00	54.93 -0.05 0.00	58.51 -0.39 0.00	71.64 0.16 0.00	146.02 0.33 0.00	111.93 0.67 0.00	104.81 1.83 0.00	60.35 0.93 0.00	74.90 0.65 0.00	61.72 -0.17 0.00	48.90 0.01 0.00
CARR STREET_E_SYR 24060	54.13 -0.28 0.00	50.49 -0.52 -0.05	48.97 -0.41 -0.06	47.16 -0.41 0.00	45.65 -0.38 0.00	50.99 -0.50 0.00	53.15 -0.55 0.00	54.97 -0.55 0.00	64.28 -0.64 -0.19	68.59 -0.69 -0.41	70.90 -0.71 -0.37	86.21 -0.57 -1.07	78.75 -0.41 -0.35	81.05 -0.09 0.00	54.99 0.01 0.00	58.71 -0.19 0.00	71.36 -0.12 0.00	145.53 -0.16 0.00	111.28 0.03 0.00	103.16 0.17 0.00	59.43 0.00 0.00	74.15 -0.09 0.00	61.45 -0.44 0.00	48.54 -0.36 0.00
CARTHAGE___PAPER 23857	57.82 3.42 0.00	53.92 2.90 -0.06	52.07 2.67 -0.07	50.07 2.49 0.00	48.45 2.41 0.00	54.33 2.85 0.00	56.93 3.24 0.00	58.61 3.09 0.00	68.36 3.41 -0.22	72.04 2.68 -0.48	73.05 1.38 -0.44	87.76 0.79 -1.27	79.67 0.45 -0.42	81.18 0.05 0.00	55.07 0.09 0.00	58.54 -0.37 0.00	71.21 -0.26 0.00	146.36 0.67 0.00	112.65 1.40 0.00	104.60 1.62 0.00	62.63 3.20 0.00	78.98 4.73 0.00	65.59 3.71 0.00	51.67 2.77 0.00
CASSADAGA_WT_PWR 323784	56.18 1.78 0.00	51.66 0.70 0.00	50.23 0.91 0.00	48.09 0.52 0.00	46.62 0.58 0.00	52.22 0.74 0.00	54.35 0.65 0.00	55.71 0.18 0.00	65.15 0.42 0.00	68.62 -0.25 0.00	71.76 0.52 0.00	86.70 1.00 0.00	80.40 1.59 0.00	82.89 1.75 0.00	55.75 0.77 0.00	59.15 0.25 0.00	72.99 1.51 0.00	149.04 3.35 0.00	114.72 3.47 0.00	107.57 4.58 0.00	61.96 2.53 0.00	76.23 1.98 0.00	62.56 0.68 0.00	49.56 0.67 0.00
CE_DUNWOOD___DRP 24194	56.33 1.92 0.00	53.19 2.23 0.00	51.79 2.46 0.00	50.00 2.43 0.00	48.27 2.23 0.00	53.58 2.10 0.00	55.72 2.02 0.00	57.91 2.39 0.00	67.60 2.87 0.00	72.00 3.13 0.00	74.64 3.41 0.00	90.63 4.92 0.00	84.32 5.51 0.00	87.99 6.85 0.00	79.77 5.06 -19.72	114.71 5.28 -50.52	159.36 6.27 -81.62	174.18 12.62 -15.86	120.16 8.91 0.00	110.58 7.59 0.00	63.30 3.87 0.00	77.75 3.50 0.00	64.11 2.22 0.00	50.70 1.81 0.00
CE_MILLWOOD___DRP 24193	56.22 1.81 0.00	53.07 2.10 0.00	51.66 2.34 0.00	49.87 2.30 0.00	48.16 2.12 0.00	53.47 1.99 0.00	55.61 1.91 0.00	57.78 2.25 0.00	67.42 2.69 0.00	71.80 2.93 0.00	74.44 3.21 0.00	90.38 4.67 0.00	84.08 5.27 0.00	87.72 6.59 0.00	104.62 4.88 -44.76	120.28 5.09 -56.29	164.14 6.01 -86.65	177.07 12.14 -19.24	119.85 8.59 0.00	110.28 7.29 0.00	63.14 3.72 0.00	77.59 3.35 0.00	63.99 2.11 0.00	50.61 1.71 0.00
CE_NYC2_DRP 24202	56.41 2.01 0.00	53.52 2.55 0.00	52.15 2.83 0.00	50.41 2.84 0.00	48.65 2.61 0.00	53.94 2.45 0.00	56.08 2.39 0.00	58.24 2.71 0.00	68.00 3.27 0.00	72.28 3.41 0.00	74.66 3.43 0.00	90.54 4.84 0.00	84.43 5.63 0.00	88.15 7.01 0.00	79.23 5.03 -19.22	114.50 5.03 -50.56	120.43 5.94 -43.02	168.63 11.98 -10.96	100.16 8.29 19.38	84.41 7.00 25.57	59.71 3.59 3.29	63.75 2.95 13.44	60.79 1.89 2.99	50.69 1.79 0.00
CE_NYC_DRP 24195	56.58 2.18 0.00	53.51 2.55 0.00	52.14 2.81 0.00	50.34 2.76 0.00	48.62 2.58 0.00	53.96 2.47 0.00	56.11 2.41 0.00	58.35 2.82 0.00	68.13 3.40 0.00	72.60 3.73 0.00	75.17 3.94 0.00	91.22 5.51 0.00	84.92 6.12 0.00	88.68 7.54 0.00	79.73 5.52 -19.23	115.13 5.67 -50.56	159.94 6.70 -81.76	175.07 13.54 -15.84	120.68 9.42 0.00	111.03 8.05 0.00	63.52 4.10 0.00	77.83 3.59 0.00	64.24 2.35 0.00	50.91 2.02 0.00
CHAFFEE___LFGE 323603	55.04 0.63 0.00	50.66 -0.31 0.00	49.20 -0.12 0.00	47.15 -0.43 0.00	45.69 -0.35 0.00	51.13 -0.35 0.00	52.95 -0.75 0.00	54.14 -1.38 0.00	63.29 -1.44 0.00	67.03 -1.84 0.00	70.04 -1.20 0.00	84.74 -0.97 0.00	78.54 -0.27 0.00	80.70 -0.43 0.00	54.45 -0.53 0.00	57.97 -0.93 0.00	71.02 -0.45 0.00	145.04 -0.65 0.00	111.75 0.49 0.00	104.12 1.13 0.00	60.19 0.77 0.00	73.82 -0.43 0.00	60.93 -0.95 0.00	48.41 -0.48 0.00
CHATEAUG_35_KV_LOAD 355732	54.04 -0.37 0.00	50.73 -0.23 0.00	48.93 -0.39 0.00	47.15 -0.42 0.00	45.70 -0.34 0.00	51.28 -0.20 0.00	53.77 0.07 0.00	55.27 -0.26 0.00	64.41 -0.31 0.00	68.30 -0.57 0.00	70.43 -0.81 0.00	84.36 -1.35 0.00	77.16 -1.64 0.00	78.55 -2.59 0.00	52.88 -2.10 0.00	56.70 -2.20 0.00	68.83 -2.64 0.00	140.27 -5.42 0.00	107.20 -4.06 0.00	99.46 -3.53 0.00	57.73 -1.69 0.00	72.97 -1.28 0.00	61.55 -0.33 0.00	48.70 -0.20 0.00
CHATEAUG_WT_PWR 323614	53.88 -0.53 0.00	50.61 -0.35 0.00	48.87 -0.45 0.00	47.10 -0.47 0.00	45.65 -0.39 0.00	51.17 -0.31 0.00	53.64 -0.06 0.00	55.11 -0.41 0.00	64.27 -0.46 0.00	68.19 -0.68 0.00	70.32 -0.92 0.00	84.33 -1.37 0.00	77.15 -1.66 0.00	78.55 -2.59 0.00	52.92 -2.06 0.00	56.71 -2.19 0.00	68.83 -2.64 0.00	140.32 -5.37 0.00	107.25 -4.00 0.00	99.52 -3.47 0.00	57.60 -1.82 0.00	72.77 -1.48 0.00	61.36 -0.53 0.00	48.53 -0.36 0.00
CHAT_HIGH_FALL_HYD 323578	54.04 -0.37 0.00	50.73 -0.23 0.00	48.93 -0.39 0.00	47.15 -0.42 0.00	45.70 -0.34 0.00	51.28 -0.20 0.00	53.77 0.07 0.00	55.27 -0.26 0.00	64.41 -0.31 0.00	68.30 -0.57 0.00	70.43 -0.81 0.00	84.36 -1.35 0.00	77.16 -1.64 0.00	78.55 -2.59 0.00	52.88 -2.10 0.00	56.70 -2.20 0.00	68.83 -2.64 0.00	140.27 -5.42 0.00	107.20 -4.06 0.00	99.46 -3.53 0.00	57.73 -1.69 0.00	72.97 -1.28 0.00	61.55 -0.33 0.00	48.70 -0.20 0.00
CHAUTAUQUA___LFGE 323629	55.55 1.15 0.00	51.05 0.09 0.00	49.64 0.31 0.00	47.52 -0.06 0.00	46.05 0.02 0.00	51.55 0.07 0.00	53.57 -0.13 0.00	54.82 -0.71 0.00	64.12 -0.61 0.00	67.70 -1.17 0.00	70.71 -0.53 0.00	85.55 -0.16 0.00	79.22 0.41 0.00	81.74 0.60 0.00	55.08 0.10 0.00	58.40 -0.50 0.00	71.89 0.42 0.00	146.67 0.99 0.00	112.75 1.50 0.00	105.65 2.66 0.00	60.89 1.47 0.00	75.08 0.83 0.00	61.73 -0.16 0.00	48.97 0.07 0.00
CHERRYST_13_KV_LD 356241	56.79 2.39 0.00	53.71 2.75 0.00	52.32 3.00 0.00	50.52 2.94 0.00	48.80 2.77 0.00	54.17 2.68 0.00	56.33 2.64 0.00	58.61 3.09 0.00	68.48 3.75 0.00	72.98 4.11 0.00	75.59 4.36 0.00	91.73 6.02 0.00	85.40 6.59 0.00	89.17 8.03 0.00	80.07 5.87 -19.23	115.49 6.03 -50.56	160.38 7.14 -81.77	175.94 14.41 -15.84	121.30 10.05 0.00	111.56 8.57 0.00	63.79 4.37 0.00	78.15 3.91 0.00	64.48 2.60 0.00	51.10 2.20 0.00

CHESTROR_138KV_BK263 355645	55.93 1.53 0.00	52.67 1.70 0.00	51.23 1.91 0.00	49.45 1.87 0.00	47.75 1.72 0.00	53.07 1.59 0.00	55.22 1.52 0.00	57.33 1.80 0.00	66.87 2.14 0.00	71.15 2.28 0.00	73.76 2.53 0.00	89.51 3.80 0.00	83.16 4.36 0.00	86.66 5.53 0.00	64.81 4.10 -5.73	104.49 4.26 -41.33	145.34 5.13 -68.74	168.38 10.43 -12.26	118.65 7.39 0.00	109.30 6.31 0.00	62.62 3.19 0.00	77.13 2.89 0.00	63.67 1.79 0.00	50.32 1.43 0.00
CH_MIDHUDSON___DRP 24192	56.40 2.00 0.00	53.13 2.17 0.00	51.72 2.39 0.00	49.93 2.35 0.00	48.20 2.17 0.00	53.56 2.08 0.00	55.71 2.01 0.00	57.94 2.42 0.00	67.59 2.86 0.00	71.98 3.11 0.00	74.65 3.42 0.00	90.70 5.00 0.00	84.29 5.49 0.00	87.88 6.75 0.00	73.82 4.96 -13.88	113.03 5.22 -48.90	157.80 6.29 -80.04	173.49 12.79 -15.01	120.40 9.14 0.00	110.84 7.85 0.00	63.48 4.06 0.00	78.16 3.91 0.00	64.41 2.53 0.00	50.84 1.95 0.00
CH_MISC_IPPS 23765	56.86 2.45 0.00	53.52 2.56 0.00	52.07 2.75 0.00	50.26 2.68 0.00	48.51 2.48 0.00	53.92 2.43 0.00	56.12 2.42 0.00	58.36 2.84 0.00	68.09 3.37 0.00	72.55 3.68 0.00	75.28 4.05 0.00	91.53 5.83 0.00	85.09 6.29 0.00	88.72 7.58 0.00	74.00 5.54 -13.48	112.25 5.85 -47.50	156.38 7.15 -77.76	174.84 14.57 -14.58	121.64 10.39 0.00	111.88 8.90 0.00	64.06 4.63 0.00	78.81 4.56 0.00	64.91 3.03 0.00	51.24 2.34 0.00
CH_RES_BVR_FALLS 23983	54.25 -0.15 0.00	50.84 -0.12 0.00	49.12 -0.20 0.00	47.38 -0.20 0.00	45.86 -0.18 0.00	51.38 -0.10 0.00	53.65 -0.05 0.00	55.39 -0.14 0.00	64.61 -0.12 0.00	68.64 -0.23 0.00	70.87 -0.37 0.00	85.18 -0.52 0.00	78.31 -0.49 0.00	80.34 -0.80 0.00	54.32 -0.66 0.00	58.24 -0.66 0.00	70.69 -0.79 0.00	144.03 -1.66 0.00	109.96 -1.29 0.00	101.80 -1.19 0.00	58.84 -0.59 0.00	73.76 -0.48 0.00	61.70 -0.18 0.00	48.81 -0.08 0.00
CH_RES_NIAGARA 23895	53.23 -1.18 0.00	49.14 -1.82 0.00	47.72 -1.61 0.00	45.78 -1.80 0.00	44.38 -1.66 0.00	49.60 -1.89 0.00	51.17 -2.53 0.00	52.11 -3.42 0.00	60.62 -4.11 0.00	64.15 -4.72 0.00	67.09 -4.15 0.00	81.14 -4.57 0.00	75.18 -3.63 0.00	77.02 -4.11 0.00	51.91 -3.07 0.00	55.40 -3.50 0.00	67.53 -3.94 0.00	138.18 -7.51 0.00	106.81 -4.44 0.00	99.20 -3.79 0.00	57.51 -1.92 0.00	70.50 -3.74 0.00	58.71 -3.17 0.00	46.83 -2.06 0.00
CH_RES_SYRACUSE 23985	54.52 0.12 0.00	50.92 -0.13 -0.09	49.38 -0.05 -0.11	47.52 -0.05 0.00	45.98 -0.06 0.00	51.36 -0.12 0.00	53.54 -0.16 0.00	55.39 -0.14 0.00	64.90 -0.17 -0.34	69.42 -0.19 -0.75	71.73 -0.19 -0.68	87.44 -0.22 -1.95	79.17 -0.28 -0.64	81.07 -0.07 0.00	54.94 -0.04 0.00	58.81 -0.09 0.00	71.61 0.14 0.00	146.04 0.35 0.00	111.68 0.43 0.00	103.55 0.56 0.00	59.65 0.22 0.00	74.39 0.15 0.00	61.72 -0.16 0.00	48.82 -0.08 0.00
CLINTON_WT_PWR 323605	53.88 -0.53 0.00	50.61 -0.35 0.00	48.87 -0.45 0.00	47.10 -0.47 0.00	45.65 -0.39 0.00	51.17 -0.31 0.00	53.64 -0.06 0.00	55.11 -0.41 0.00	64.27 -0.46 0.00	68.19 -0.68 0.00	70.32 -0.92 0.00	84.33 -1.37 0.00	77.15 -1.66 0.00	78.55 -2.59 0.00	52.92 -2.06 0.00	56.71 -2.19 0.00	68.83 -2.64 0.00	140.32 -5.37 0.00	107.25 -4.00 0.00	99.52 -3.47 0.00	57.60 -1.82 0.00	72.77 -1.48 0.00	61.36 -0.53 0.00	48.53 -0.36 0.00
CLINTON___LFGE 323618	54.02 -0.38 0.00	50.82 -0.15 0.00	49.22 -0.10 0.00	47.44 -0.14 0.00	45.94 -0.10 0.00	51.35 -0.13 0.00	53.92 0.22 0.00	55.29 -0.24 0.00	64.38 -0.35 0.00	68.14 -0.73 0.00	70.27 -0.97 0.00	84.42 -1.28 0.00	77.15 -1.66 0.00	78.53 -2.60 0.00	52.93 -2.05 0.00	56.69 -2.21 0.00	68.76 -2.71 0.00	140.34 -5.35 0.00	107.46 -3.79 0.00	99.98 -3.01 0.00	57.86 -1.56 0.00	73.11 -1.13 0.00	61.64 -0.24 0.00	48.67 -0.23 0.00
COBBLENY_34_KV_TB1 80064	55.04 0.64 0.00	50.66 -0.31 0.00	49.22 -0.11 0.00	47.14 -0.43 0.00	45.69 -0.34 0.00	51.13 -0.35 0.00	52.94 -0.75 0.00	54.14 -1.38 0.00	63.29 -1.44 0.00	67.02 -1.85 0.00	70.03 -1.21 0.00	84.73 -0.98 0.00	78.54 -0.27 0.00	80.73 -0.40 0.00	54.41 -0.57 0.00	57.96 -0.94 0.00	71.00 -0.48 0.00	145.05 -0.64 0.00	111.74 0.48 0.00	104.12 1.13 0.00	60.19 0.77 0.00	73.82 -0.43 0.00	60.93 -0.96 0.00	48.41 -0.48 0.00
COFFEEN___115KV_TB3 355620	58.32 3.91 0.00	54.31 3.27 -0.07	52.44 3.03 -0.09	50.38 2.80 0.00	48.75 2.72 0.00	54.64 3.16 0.00	57.25 3.56 0.00	58.92 3.39 0.00	69.04 4.04 -0.27	73.20 3.74 -0.59	74.82 3.05 -0.54	90.12 2.87 -1.54	81.59 2.28 -0.51	83.39 2.25 0.00	56.63 1.65 0.00	59.76 0.85 0.00	72.60 1.13 0.00	149.89 4.20 0.00	115.85 4.60 0.00	107.09 4.10 0.00	63.65 4.23 0.00	80.05 5.81 0.00	66.26 4.38 0.00	52.09 3.19 0.00
COLDSPRG_115KV_BK1 355956	56.24 1.83 0.00	51.76 0.79 0.00	50.27 0.95 0.00	48.16 0.59 0.00	46.69 0.65 0.00	52.31 0.83 0.00	54.50 0.80 0.00	55.92 0.39 0.00	65.43 0.70 0.00	69.07 0.20 0.00	72.03 0.79 0.00	86.94 1.23 0.00	80.63 1.82 0.00	83.10 1.97 0.00	55.90 0.91 0.00	59.41 0.50 0.00	73.16 1.69 0.00	149.45 3.76 0.00	115.04 3.79 0.00	107.86 4.87 0.00	62.10 2.68 0.00	76.37 2.13 0.00	62.69 0.80 0.00	49.65 0.75 0.00
COLONIE_LFGE___ 323577	56.09 1.69 0.00	52.68 1.72 0.00	51.32 2.00 0.00	49.50 1.92 0.00	47.78 1.74 0.00	53.22 1.73 0.00	55.26 1.56 0.00	57.39 1.87 0.00	66.79 2.06 0.00	71.05 2.18 0.00	73.54 2.31 0.00	88.92 3.21 0.00	82.16 3.36 0.00	85.00 3.87 0.00	58.58 2.84 -0.76	66.33 3.16 -4.27	79.39 3.50 -4.41	153.79 7.28 -0.83	117.32 6.07 0.00	108.45 5.46 0.00	62.24 2.81 0.00	77.40 3.16 0.00	63.97 2.09 0.00	50.41 1.52 0.00
COOPERNY_115KV_TB1 80082	55.50 1.10 0.00	52.18 1.22 0.00	50.73 1.40 0.00	48.97 1.40 0.00	47.29 1.26 0.00	52.62 1.14 0.00	54.77 1.07 0.00	56.78 1.25 0.00	66.20 1.47 0.00	70.46 1.59 0.00	73.05 1.81 0.00	88.49 2.78 0.00	81.98 3.17 0.00	85.18 4.05 0.00	63.04 3.00 -5.06	89.82 3.15 -27.77	121.27 3.82 -45.97	161.73 7.71 -8.33	116.73 5.48 0.00	107.67 4.69 0.00	61.80 2.37 0.00	76.40 2.16 0.00	63.17 1.29 0.00	49.91 1.02 0.00
COPENHAGEN_WT_PWR 323753	57.51 3.11 0.00	53.61 2.57 -0.08	51.78 2.37 -0.09	49.77 2.20 0.00	48.16 2.13 0.00	53.97 2.48 0.00	56.50 2.80 0.00	58.18 2.66 0.00	68.15 3.14 -0.28	72.27 2.79 -0.62	73.92 2.12 -0.56	89.19 1.86 -1.62	80.79 1.45 -0.53	82.50 1.36 0.00	56.00 1.02 0.00	59.36 0.46 0.00	72.12 0.65 0.00	148.42 2.73 0.00	114.45 3.19 0.00	105.93 2.94 0.00	62.72 3.30 0.00	78.80 4.56 0.00	65.31 3.42 0.00	51.41 2.51 0.00
CORNELL_____ 23752	55.88 1.47 0.00	52.04 1.03 -0.05	50.55 1.16 -0.06	48.66 1.08 0.00	47.08 1.05 0.00	52.60 1.11 0.00	54.89 1.20 0.00	56.71 1.18 0.00	66.33 1.42 -0.19	70.76 1.48 -0.41	73.28 1.67 -0.37	88.86 2.09 -1.07	81.05 1.89 -0.35	83.28 2.14 0.00	56.23 1.25 0.00	60.18 1.28 0.00	73.58 2.11 0.00	149.97 4.29 0.00	114.89 3.63 0.00	107.26 4.27 0.00	61.85 2.43 0.00	76.93 2.68 0.00	63.55 1.67 0.00	50.09 1.19 0.00

CORONA V_69_KV_TB1 355595	56.73 2.33 0.00	53.89 2.93 0.00	52.77 3.45 0.00	50.97 3.39 0.00	49.06 3.03 0.00	54.17 2.69 0.00	56.07 2.37 0.00	58.23 2.71 0.00	68.18 3.45 0.00	72.84 3.97 0.00	75.67 4.43 0.00	105.91 6.53 -13.67	101.41 6.91 -15.69	140.40 8.35 -50.92	253.37 6.19 -192.21	390.87 6.52 -325.45	840.31 7.77 -761.06	1778.94 15.74 -1617.52	303.73 11.36 -181.11	136.75 9.49 -24.26	99.89 5.02 -35.45	78.75 4.50 0.00	64.74 2.86 0.00	51.10 2.20 0.00
CORTLAND_115KV_TB3 80093	55.34 0.94 0.00	51.59 0.58 -0.05	50.13 0.74 -0.06	48.25 0.67 0.00	46.68 0.64 0.00	52.14 0.66 0.00	54.40 0.70 0.00	56.22 0.70 0.00	65.79 0.86 -0.19	70.17 0.88 -0.43	72.64 1.02 -0.39	88.19 1.36 -1.12	80.55 1.37 -0.37	82.79 1.65 0.00	56.14 1.16 0.00	60.02 1.12 0.00	73.24 1.77 0.00	149.44 3.75 0.00	114.24 2.99 0.00	106.34 3.35 0.00	61.24 1.81 0.00	76.08 1.84 0.00	62.92 1.03 0.00	49.63 0.73 0.00
COXSACKIE__GT 23611	57.17 2.77 0.00	53.74 2.78 0.00	52.34 3.02 0.00	50.50 2.93 0.00	48.72 2.69 0.00	54.31 2.82 0.00	56.48 2.78 0.00	58.71 3.19 0.00	68.30 3.57 0.00	72.51 3.64 0.00	74.61 3.38 0.00	90.37 4.67 0.00	83.95 5.15 0.00	86.25 5.12 0.00	61.03 3.25 -2.80	70.46 3.86 -7.70	92.48 4.85 -16.16	158.44 9.72 -3.03	119.75 8.49 0.00	111.34 8.35 0.00	64.08 4.66 0.00	79.70 5.46 0.00	65.57 3.68 0.00	51.43 2.53 0.00
CPV_VALLEY__CC1 323721	55.46 1.06 0.00	52.25 1.28 0.00	50.82 1.49 0.00	49.06 1.49 0.00	47.37 1.34 0.00	52.66 1.18 0.00	54.80 1.10 0.00	56.88 1.35 0.00	66.33 1.60 0.00	70.59 1.72 0.00	73.18 1.94 0.00	88.74 3.03 0.00	82.37 3.56 0.00	85.76 4.62 0.00	64.91 3.48 -6.45	99.28 3.63 -36.75	136.65 4.31 -60.87	165.39 8.70 -11.00	117.33 6.08 0.00	108.16 5.17 0.00	62.00 2.58 0.00	76.44 2.20 0.00	63.13 1.25 0.00	49.89 1.00 0.00
CPV_VALLEY__CC2 323722	55.46 1.06 0.00	52.25 1.28 0.00	50.82 1.49 0.00	49.06 1.49 0.00	47.37 1.34 0.00	52.66 1.18 0.00	54.80 1.10 0.00	56.88 1.35 0.00	66.33 1.60 0.00	70.59 1.72 0.00	73.18 1.94 0.00	88.74 3.03 0.00	82.37 3.56 0.00	85.76 4.62 0.00	64.91 3.48 -6.45	99.28 3.63 -36.75	136.65 4.31 -60.87	165.39 8.70 -11.00	117.33 6.08 0.00	108.16 5.17 0.00	62.00 2.58 0.00	76.44 2.20 0.00	63.13 1.25 0.00	49.89 1.00 0.00
CRESCENT__HYD 24018	56.09 1.69 0.00	52.68 1.72 0.00	51.32 2.00 0.00	49.50 1.92 0.00	47.78 1.74 0.00	53.22 1.73 0.00	55.26 1.56 0.00	57.39 1.87 0.00	66.79 2.06 0.00	71.05 2.18 0.00	73.54 2.31 0.00	88.92 3.21 0.00	82.16 3.36 0.00	85.00 3.87 0.00	58.58 2.84 -0.76	66.33 3.16 -4.27	79.39 3.50 -4.41	153.79 7.28 -0.83	117.32 6.07 0.00	108.45 5.46 0.00	62.24 2.81 0.00	77.40 3.16 0.00	63.97 2.09 0.00	50.41 1.52 0.00
CRICKET__VALLEY_CC1 323756	55.57 1.17 0.00	52.38 1.41 0.00	51.01 1.68 0.00	49.22 1.65 0.00	47.52 1.48 0.00	52.83 1.35 0.00	54.94 1.24 0.00	57.17 1.64 0.00	66.68 1.95 0.00	70.97 2.10 0.00	73.55 2.32 0.00	89.36 3.65 0.00	82.99 4.19 0.00	86.50 5.37 0.00	75.76 4.10 -16.67	114.70 4.31 -51.48	160.16 5.01 -83.68	171.62 10.02 -15.91	118.55 7.30 0.00	109.23 6.24 0.00	62.56 3.13 0.00	77.10 2.85 0.00	63.57 1.69 0.00	50.18 1.28 0.00
CRICKET__VALLEY_CC2 323757	55.57 1.17 0.00	52.38 1.41 0.00	51.01 1.68 0.00	49.22 1.65 0.00	47.52 1.48 0.00	52.83 1.35 0.00	54.94 1.24 0.00	57.17 1.64 0.00	66.68 1.95 0.00	70.97 2.10 0.00	73.55 2.32 0.00	89.36 3.65 0.00	82.99 4.19 0.00	86.50 5.37 0.00	75.76 4.10 -16.67	114.70 4.31 -51.48	160.16 5.01 -83.68	171.62 10.02 -15.91	118.55 7.30 0.00	109.23 6.24 0.00	62.56 3.13 0.00	77.10 2.85 0.00	63.57 1.69 0.00	50.18 1.28 0.00
CRICKET__VALLEY_CC3 323758	55.57 1.17 0.00	52.38 1.41 0.00	51.01 1.68 0.00	49.22 1.65 0.00	47.52 1.48 0.00	52.83 1.35 0.00	54.94 1.24 0.00	57.17 1.64 0.00	66.68 1.95 0.00	70.97 2.10 0.00	73.55 2.32 0.00	89.36 3.65 0.00	82.99 4.19 0.00	86.50 5.37 0.00	75.76 4.10 -16.67	114.70 4.31 -51.48	160.16 5.01 -83.68	171.62 10.02 -15.91	118.55 7.30 0.00	109.23 6.24 0.00	62.56 3.13 0.00	77.10 2.85 0.00	63.57 1.69 0.00	50.18 1.28 0.00
CRUCIBLE_METL_DRP 24180	54.52 0.12 0.00	50.92 -0.14 -0.09	49.38 -0.05 -0.11	47.53 -0.05 0.00	45.98 -0.06 0.00	51.36 -0.12 0.00	53.54 -0.16 0.00	55.39 -0.14 0.00	64.90 -0.17 -0.34	69.42 -0.19 -0.75	71.72 -0.19 -0.68	87.44 -0.22 -1.95	79.17 -0.28 -0.64	81.07 -0.07 0.00	54.94 -0.04 0.00	58.81 -0.09 0.00	71.61 0.13 0.00	146.04 0.35 0.00	111.69 0.44 0.00	103.55 0.56 0.00	59.65 0.22 0.00	74.39 0.15 0.00	61.72 -0.16 0.00	48.82 -0.08 0.00
DAHOWA__HYDRO 323763	57.29 2.89 0.00	53.70 2.74 0.00	52.21 2.89 0.00	50.33 2.76 0.00	48.59 2.55 0.00	54.14 2.66 0.00	56.37 2.67 0.00	58.46 2.94 0.00	67.96 3.23 0.00	72.16 3.29 0.00	74.46 3.22 0.00	89.93 4.22 0.00	82.93 4.13 0.00	85.69 4.55 0.00	58.19 3.21 -1.04	63.55 3.61 0.00	75.66 4.19 0.00	154.53 8.84 0.00	119.21 7.96 0.00	110.63 7.64 0.00	63.50 4.08 0.00	78.99 4.75 0.00	65.26 3.38 0.00	51.34 2.45 0.00
DANC__LFGE 323619	56.07 1.67 0.00	52.33 1.27 -0.10	50.63 1.19 -0.11	48.66 1.08 0.00	47.09 1.05 0.00	52.71 1.22 0.00	55.10 1.40 0.00	56.82 1.30 0.00	66.58 1.50 -0.35	70.91 1.27 -0.77	72.78 0.83 -0.71	88.37 0.63 -2.03	79.92 0.45 -0.67	81.59 0.46 0.00	55.38 0.40 0.00	58.91 0.00 0.00	71.53 0.05 0.00	146.68 0.99 0.00	112.82 1.56 0.00	104.50 1.51 0.00	61.28 1.86 0.00	76.76 2.51 0.00	63.68 1.80 0.00	50.19 1.29 0.00
DANSKAMMER__1 23586	56.86 2.45 0.00	53.52 2.56 0.00	52.07 2.75 0.00	50.26 2.68 0.00	48.51 2.48 0.00	53.92 2.43 0.00	56.12 2.42 0.00	58.36 2.84 0.00	68.09 3.37 0.00	72.55 3.68 0.00	75.28 4.05 0.00	91.53 5.83 0.00	85.09 6.29 0.00	88.72 7.58 0.00	74.00 5.54 -13.48	112.25 5.85 -47.50	156.38 7.15 -77.76	174.84 14.57 -14.58	121.64 10.39 0.00	111.88 8.90 0.00	64.06 4.63 0.00	78.81 4.56 0.00	64.91 3.03 0.00	51.24 2.34 0.00
DANSKAMMER__2 23589	56.86 2.45 0.00	53.52 2.56 0.00	52.07 2.75 0.00	50.26 2.68 0.00	48.51 2.48 0.00	53.92 2.43 0.00	56.12 2.42 0.00	58.36 2.84 0.00	68.09 3.37 0.00	72.55 3.68 0.00	75.28 4.05 0.00	91.53 5.83 0.00	85.09 6.29 0.00	88.72 7.58 0.00	74.00 5.54 -13.48	112.25 5.85 -47.50	156.38 7.15 -77.76	174.84 14.57 -14.58	121.64 10.39 0.00	111.88 8.90 0.00	64.06 4.63 0.00	78.81 4.56 0.00	64.91 3.03 0.00	51.24 2.34 0.00
DANSKAMMER__3 23590	56.86 2.45 0.00	53.52 2.56 0.00	52.07 2.75 0.00	50.26 2.68 0.00	48.51 2.48 0.00	53.92 2.43 0.00	56.12 2.42 0.00	58.36 2.84 0.00	68.09 3.37 0.00	72.55 3.68 0.00	75.28 4.05 0.00	91.53 5.83 0.00	85.09 6.29 0.00	88.72 7.58 0.00	74.00 5.54 -13.48	112.25 5.85 -47.50	156.38 7.15 -77.76	174.84 14.57 -14.58	121.64 10.39 0.00	111.88 8.90 0.00	64.06 4.63 0.00	78.81 4.56 0.00	64.91 3.03 0.00	51.24 2.34 0.00

DANSKAMMER___4 23591	56.86 2.45 0.00	53.52 2.56 0.00	52.07 2.75 0.00	50.26 2.68 0.00	48.51 2.48 0.00	53.92 2.43 0.00	56.12 2.42 0.00	58.36 2.84 0.00	68.09 3.37 0.00	72.55 3.68 0.00	75.28 4.05 0.00	91.53 5.83 0.00	85.09 6.29 0.00	88.72 7.58 0.00	74.00 5.54 -13.48	112.25 5.85 -47.50	156.38 7.15 -77.76	174.84 14.57 -14.58	121.64 10.39 0.00	111.88 8.90 0.00	64.06 4.63 0.00	78.81 4.56 0.00	64.91 3.03 0.00	51.24 2.34 0.00
DANSKAMMER___DIESEL 23592	56.86 2.45 0.00	53.53 2.56 0.00	52.07 2.75 0.00	50.26 2.68 0.00	48.51 2.48 0.00	53.91 2.42 0.00	56.12 2.42 0.00	58.37 2.84 0.00	68.10 3.37 0.00	72.55 3.68 0.00	75.28 4.04 0.00	91.54 5.84 0.00	85.09 6.29 0.00	88.73 7.59 0.00	74.00 5.54 -13.48	112.25 5.85 -47.50	156.38 7.16 -77.76	174.86 14.59 -14.58	121.64 10.39 0.00	111.89 8.90 0.00	64.06 4.63 0.00	78.81 4.56 0.00	64.91 3.03 0.00	51.24 2.34 0.00
DARBY___SOLAR 323810	57.00 2.60 0.00	53.43 2.47 0.00	51.97 2.64 0.00	50.11 2.54 0.00	48.36 2.32 0.00	53.89 2.40 0.00	56.06 2.36 0.00	58.15 2.63 0.00	67.61 2.88 0.00	71.81 2.94 0.00	74.12 2.89 0.00	89.52 3.81 0.00	82.55 3.74 0.00	85.35 4.22 0.00	57.93 2.95 0.00	63.36 3.35 -1.11	75.35 3.88 0.00	153.86 8.17 0.00	118.53 7.27 0.00	109.93 6.94 0.00	63.15 3.72 0.00	78.53 4.28 0.00	64.90 3.02 0.00	51.09 2.19 0.00
DASHVILLE___HYD 23610	56.28 1.87 0.00	52.94 1.97 0.00	51.55 2.23 0.00	49.80 2.23 0.00	48.05 2.02 0.00	53.39 1.91 0.00	55.54 1.84 0.00	57.78 2.25 0.00	67.32 2.59 0.00	71.67 2.80 0.00	74.28 3.04 0.00	90.22 4.51 0.00	84.04 5.24 0.00	87.44 6.31 0.00	70.23 4.71 -10.54	100.62 5.07 -36.64	138.50 6.22 -60.81	169.57 12.48 -11.40	119.93 8.68 0.00	110.39 7.40 0.00	63.26 3.84 0.00	77.93 3.69 0.00	64.25 2.36 0.00	50.71 1.81 0.00
DELAWARE___LFGE 323621	55.72 1.32 0.00	52.23 1.24 -0.02	50.87 1.52 -0.02	49.17 1.60 0.00	47.46 1.42 0.00	52.87 1.39 0.00	55.02 1.33 0.00	56.94 1.42 0.00	66.44 1.64 -0.06	70.82 1.81 -0.14	73.40 2.03 -0.13	88.89 2.81 -0.38	81.66 2.73 -0.12	84.38 3.24 0.00	58.05 2.31 -0.76	63.98 2.43 -2.66	78.79 2.95 -4.37	152.58 6.07 -0.82	115.72 4.46 0.00	107.18 4.19 0.00	61.71 2.29 0.00	76.72 2.47 0.00	63.50 1.62 0.00	50.12 1.23 0.00
DERFIELD_115KV_TB7 355931	54.61 0.20 0.00	51.17 0.21 0.00	49.64 0.31 0.00	47.91 0.33 0.00	46.31 0.27 0.00	51.71 0.23 0.00	53.88 0.18 0.00	55.78 0.25 0.00	65.00 0.28 0.00	69.15 0.28 0.00	71.59 0.35 0.00	86.23 0.52 0.00	79.38 0.57 0.00	81.93 0.80 0.00	55.62 0.64 0.00	59.57 0.66 0.00	72.24 0.77 0.00	147.22 1.53 0.00	112.43 1.18 0.00	104.09 1.10 0.00	59.98 0.56 0.00	74.76 0.51 0.00	62.14 0.25 0.00	49.07 0.17 0.00
DOGLEVILLE___HYD 23807	55.80 1.40 0.00	52.32 1.36 0.00	51.08 1.75 0.00	49.29 1.72 0.00	47.51 1.47 0.00	52.82 1.33 0.00	54.80 1.10 0.00	56.78 1.26 0.00	66.14 1.41 0.00	70.28 1.42 0.00	72.85 1.61 0.00	87.81 2.11 0.00	80.23 1.43 0.00	83.35 2.21 0.00	57.09 2.11 0.00	61.20 2.30 0.00	73.63 2.16 0.00	150.74 5.05 0.00	115.58 4.33 0.00	108.10 5.11 0.00	62.17 2.74 0.00	77.32 3.07 0.00	63.82 1.94 0.00	50.06 1.17 0.00
DUNKIRK__115KV_TB_200 55889	55.44 1.04 0.00	50.93 -0.03 0.00	49.52 0.19 0.00	47.40 -0.18 0.00	45.93 -0.10 0.00	51.44 -0.05 0.00	53.44 -0.26 0.00	54.67 -0.86 0.00	63.95 -0.78 0.00	67.54 -1.33 0.00	70.55 -0.69 0.00	85.35 -0.36 0.00	79.05 0.24 0.00	81.59 0.46 0.00	54.96 -0.02 0.00	58.30 -0.60 0.00	71.74 0.27 0.00	146.36 0.67 0.00	112.51 1.25 0.00	105.38 2.39 0.00	60.71 1.29 0.00	74.90 0.65 0.00	61.59 -0.30 0.00	48.87 -0.02 0.00
DUNKIRK___1 23563	55.44 1.04 0.00	50.93 -0.03 0.00	49.52 0.19 0.00	47.40 -0.18 0.00	45.93 -0.10 0.00	51.44 -0.05 0.00	53.44 -0.26 0.00	54.67 -0.86 0.00	63.95 -0.78 0.00	67.54 -1.33 0.00	70.55 -0.69 0.00	85.35 -0.36 0.00	79.05 0.24 0.00	81.59 0.46 0.00	54.96 -0.02 0.00	58.30 -0.60 0.00	71.74 0.27 0.00	146.36 0.67 0.00	112.51 1.25 0.00	105.38 2.39 0.00	60.71 1.29 0.00	74.90 0.65 0.00	61.59 -0.30 0.00	48.87 -0.02 0.00
DUNKIRK___2 23564	55.44 1.04 0.00	50.93 -0.03 0.00	49.52 0.19 0.00	47.40 -0.18 0.00	45.93 -0.10 0.00	51.44 -0.05 0.00	53.44 -0.26 0.00	54.67 -0.86 0.00	63.95 -0.78 0.00	67.54 -1.33 0.00	70.55 -0.69 0.00	85.35 -0.36 0.00	79.05 0.24 0.00	81.59 0.46 0.00	54.96 -0.02 0.00	58.30 -0.60 0.00	71.74 0.27 0.00	146.36 0.67 0.00	112.51 1.25 0.00	105.38 2.39 0.00	60.71 1.29 0.00	74.90 0.65 0.00	61.59 -0.30 0.00	48.87 -0.02 0.00
DUNKIRK___3 23565	55.07 0.66 0.00	50.64 -0.33 0.00	49.22 -0.11 0.00	47.13 -0.45 0.00	45.68 -0.35 0.00	51.13 -0.36 0.00	53.07 -0.63 0.00	54.27 -1.26 0.00	63.45 -1.28 0.00	67.07 -1.80 0.00	70.04 -1.19 0.00	84.70 -1.01 0.00	78.48 -0.32 0.00	80.97 -0.17 0.00	54.56 -0.42 0.00	57.96 -0.95 0.00	71.20 -0.27 0.00	145.27 -0.42 0.00	111.71 0.45 0.00	104.49 1.51 0.00	60.23 0.81 0.00	74.27 0.03 0.00	61.15 -0.73 0.00	48.55 -0.34 0.00
DUNKIRK___4 23566	55.07 0.66 0.00	50.64 -0.33 0.00	49.22 -0.11 0.00	47.13 -0.45 0.00	45.68 -0.35 0.00	51.13 -0.36 0.00	53.07 -0.63 0.00	54.27 -1.26 0.00	63.45 -1.28 0.00	67.07 -1.80 0.00	70.04 -1.19 0.00	84.70 -1.01 0.00	78.48 -0.32 0.00	80.97 -0.17 0.00	54.56 -0.42 0.00	57.96 -0.95 0.00	71.20 -0.27 0.00	145.27 -0.42 0.00	111.71 0.45 0.00	104.49 1.51 0.00	60.23 0.81 0.00	74.27 0.03 0.00	61.15 -0.73 0.00	48.55 -0.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	56.43 2.03 0.00	53.33 2.37 0.00	51.93 2.61 0.00	50.13 2.55 0.00	48.40 2.36 0.00	53.72 2.24 0.00	55.86 2.16 0.00	58.05 2.53 0.00	67.76 3.03 0.00	72.16 3.29 0.00	74.80 3.56 0.00	90.86 5.16 0.00	84.54 5.74 0.00	88.23 7.10 0.00	79.44 5.23 -19.22	114.92 5.46 -50.56	159.71 6.47 -81.77	174.60 13.07 -15.84	120.47 9.21 0.00	110.86 7.87 0.00	63.47 4.04 0.00	77.91 3.66 0.00	64.25 2.37 0.00	50.83 1.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	56.46 2.05 0.00	53.17 2.20 0.00	51.71 2.39 0.00	49.91 2.34 0.00	48.19 2.15 0.00	53.55 2.06 0.00	55.72 2.03 0.00	57.93 2.40 0.00	67.56 2.83 0.00	71.92 3.05 0.00	74.59 3.36 0.00	90.64 4.94 0.00	84.27 5.47 0.00	87.84 6.70 0.00	70.96 4.93 -11.05	108.71 5.20 -44.61	151.15 6.33 -73.35	172.20 12.92 -13.58	120.26 9.01 0.00	110.55 7.56 0.00	63.32 3.90 0.00	77.91 3.67 0.00	64.24 2.36 0.00	50.74 1.84 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	56.59 2.19 0.00	53.64 2.68 0.00	52.28 2.95 0.00	50.55 2.98 0.00	48.78 2.74 0.00	54.08 2.60 0.00	56.25 2.55 0.00	58.40 2.88 0.00	68.14 3.41 0.00	72.40 3.53 0.00	74.85 3.61 0.00	90.78 5.08 0.00	84.63 5.82 0.00	88.35 7.22 0.00	79.36 5.16 -19.22	114.64 5.17 -50.57	159.34 6.09 -81.78	173.82 12.28 -15.85	119.79 8.53 -0.01	110.22 7.22 -0.01	63.17 3.75 -0.01	77.37 3.12 -0.01	63.96 2.07 -0.01	50.80 1.90 0.00

E179THST_13_KV_LOAD 356214	56.97 2.57 0.00	53.98 3.02 0.00	52.62 3.30 0.00	50.87 3.29 0.00	49.07 3.03 0.00	54.42 2.94 0.00	56.62 2.92 0.00	58.80 3.27 0.00	68.59 3.86 0.00	72.91 4.04 0.00	75.40 4.16 0.00	91.47 5.76 0.00	85.27 6.46 0.00	89.01 7.88 0.00	79.82 5.62 -19.22	115.15 5.68 -50.57	159.96 6.71 -81.78	175.15 13.60 -15.85	120.78 9.52 -0.01	111.13 8.13 -0.01	63.67 4.25 -0.01	78.00 3.75 -0.01	64.46 2.57 -0.01	51.17 2.27 0.00
EAST HAMPTON___GT 23717	56.85 2.44 0.00	54.44 3.47 0.00	54.40 5.07 0.00	53.64 6.07 0.00	51.74 5.70 0.00	56.87 5.38 0.00	58.31 4.62 0.00	59.80 4.28 0.00	71.25 6.53 0.00	76.48 6.96 -0.66	86.26 7.35 -7.67	266.04 9.35 -170.99	235.38 9.10 -147.48	286.14 11.29 -193.71	300.06 8.52 -236.56	386.78 8.77 -319.11	831.08 9.58 -750.03	1664.02 17.79 -1500.54	328.23 12.43 -204.55	278.42 12.08 -163.35	302.19 5.89 -236.87	281.85 4.60 -203.00	166.25 3.75 -100.61	67.30 2.85 -15.55
EAST RIVER___6 23660	56.56 2.16 0.00	53.49 2.53 0.00	52.10 2.77 0.00	50.31 2.73 0.00	48.60 2.57 0.00	53.92 2.43 0.00	56.05 2.35 0.00	58.30 2.77 0.00	68.11 3.38 0.00	72.56 3.69 0.00	75.10 3.87 0.00	91.14 5.43 0.00	84.86 6.06 0.00	88.61 7.47 0.00	79.66 5.45 -19.23	115.07 5.61 -50.56	159.85 6.61 -81.77	174.89 13.36 -15.84	120.57 9.31 0.00	110.91 7.92 0.00	63.46 4.03 0.00	77.73 3.49 0.00	64.15 2.26 0.00	50.86 1.96 0.00
EAST RIVER___7 23524	56.56 2.16 0.00	53.49 2.53 0.00	52.10 2.77 0.00	50.31 2.73 0.00	48.60 2.57 0.00	53.92 2.43 0.00	56.05 2.35 0.00	58.30 2.77 0.00	68.11 3.38 0.00	72.56 3.69 0.00	75.10 3.87 0.00	91.14 5.43 0.00	84.86 6.06 0.00	88.61 7.47 0.00	79.66 5.45 -19.23	115.07 5.61 -50.56	159.85 6.61 -81.77	174.89 13.36 -15.84	120.57 9.31 0.00	110.91 7.92 0.00	63.46 4.03 0.00	77.73 3.49 0.00	64.15 2.26 0.00	50.86 1.96 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	56.33 1.92 0.00	53.19 2.23 0.00	51.79 2.46 0.00	50.00 2.43 0.00	48.27 2.23 0.00	53.58 2.10 0.00	55.72 2.02 0.00	57.91 2.39 0.00	67.60 2.87 0.00	72.00 3.13 0.00	74.64 3.41 0.00	90.63 4.92 0.00	84.32 5.51 0.00	87.99 6.85 0.00	79.77 5.06 -19.72	114.71 5.28 -50.52	159.36 6.27 -81.62	174.18 12.62 -15.86	120.16 8.91 0.00	110.58 7.59 0.00	63.30 3.87 0.00	77.75 3.50 0.00	64.11 2.22 0.00	50.70 1.81 0.00
EAST_HAMPTON___DIESEL 23722	56.73 2.32 0.00	54.32 3.36 0.00	54.34 5.01 0.00	53.65 6.07 0.00	51.76 5.73 0.00	56.88 5.39 0.00	58.31 4.62 0.00	59.77 4.24 0.00	71.24 6.51 0.00	76.48 6.95 -0.66	86.22 7.32 -7.67	266.01 9.32 -170.99	235.35 9.07 -147.48	286.13 11.28 -193.71	300.05 8.51 -236.56	386.76 8.75 -319.11	831.01 9.51 -750.03	1663.78 17.55 -1500.54	328.09 12.29 -204.55	278.32 11.98 -163.35	302.11 5.82 -236.87	281.71 4.46 -203.00	166.12 3.63 -100.61	67.20 2.76 -15.55
EAST_POINT___SOLAR 323840	58.50 4.09 0.00	54.61 3.65 0.00	52.82 3.50 0.00	50.95 3.37 0.00	49.21 3.18 0.00	55.12 3.63 0.00	57.53 3.83 0.00	58.67 3.14 0.00	68.63 3.90 0.00	72.43 3.57 0.00	75.35 4.12 0.00	89.96 4.26 0.00	81.83 3.03 0.00	83.89 2.75 0.00	57.04 2.06 0.00	61.76 2.40 -0.46	74.01 2.54 0.00	150.58 4.90 0.00	115.27 4.02 0.00	109.79 6.80 0.00	64.41 4.99 0.00	80.30 6.06 0.00	66.76 4.88 0.00	52.60 3.70 0.00
EAST_PULASKI___ESR 323781	54.62 0.22 0.00	51.05 -0.05 -0.14	49.46 -0.03 -0.17	47.52 -0.06 0.00	45.98 -0.05 0.00	51.42 -0.06 0.00	53.67 -0.03 0.00	55.44 -0.09 0.00	65.11 -0.13 -0.52	69.74 -0.27 -1.14	71.79 -0.49 -1.04	88.06 -0.63 -2.99	79.18 -0.61 -0.98	80.61 -0.52 0.00	54.70 -0.28 0.00	58.45 -0.46 0.00	70.91 -0.56 0.00	144.96 -0.73 0.00	111.22 -0.03 0.00	103.12 0.14 0.00	59.90 0.47 0.00	74.78 0.53 0.00	62.04 0.16 0.00	48.97 0.07 0.00
EAST_RIVER___1 323558	56.58 2.18 0.00	53.51 2.55 0.00	52.14 2.81 0.00	50.34 2.76 0.00	48.62 2.58 0.00	53.96 2.47 0.00	56.11 2.41 0.00	58.35 2.82 0.00	68.13 3.40 0.00	72.59 3.72 0.00	75.17 3.93 0.00	91.23 5.52 0.00	84.92 6.11 0.00	88.68 7.55 0.00	79.73 5.52 -19.23	115.13 5.67 -50.56	159.93 6.69 -81.76	175.07 13.54 -15.84	120.67 9.42 0.00	111.03 8.04 0.00	63.52 4.09 0.00	77.83 3.59 0.00	64.24 2.35 0.00	50.91 2.02 0.00
EAST_RIVER___2 323559	56.56 2.16 0.00	53.49 2.53 0.00	52.10 2.77 0.00	50.31 2.73 0.00	48.60 2.57 0.00	53.92 2.43 0.00	56.05 2.35 0.00	58.30 2.77 0.00	68.11 3.38 0.00	72.56 3.69 0.00	75.10 3.87 0.00	91.14 5.43 0.00	84.86 6.06 0.00	88.61 7.47 0.00	79.66 5.45 -19.23	115.07 5.61 -50.56	159.85 6.61 -81.77	174.89 13.36 -15.84	120.57 9.31 0.00	110.91 7.92 0.00	63.46 4.03 0.00	77.73 3.49 0.00	64.15 2.26 0.00	50.86 1.96 0.00
EAST___DELAWARE_HYD 23607	55.35 0.95 0.00	52.01 1.04 0.00	50.53 1.21 0.00	48.76 1.19 0.00	47.06 1.03 0.00	52.32 0.84 0.00	54.47 0.77 0.00	56.63 1.10 0.00	66.01 1.28 0.00	70.27 1.40 0.00	72.87 1.64 0.00	88.67 2.97 0.00	82.48 3.68 0.00	85.61 4.47 0.00	67.06 3.05 -9.03	99.00 3.29 -36.81	136.43 4.21 -60.75	165.96 9.03 -11.24	117.39 6.14 0.00	108.10 5.11 0.00	61.91 2.49 0.00	76.19 1.95 0.00	62.79 0.91 0.00	49.50 0.61 0.00
EIGHT_POINT___WT_PWR 323820	55.89 1.49 0.00	51.49 0.51 -0.02	50.09 0.74 -0.03	48.10 0.52 0.00	46.61 0.58 0.00	52.19 0.71 0.00	54.42 0.72 0.00	55.76 0.23 0.00	65.22 0.41 -0.08	69.01 -0.04 -0.17	71.61 0.22 -0.16	86.59 0.43 -0.45	79.54 0.58 -0.15	81.69 0.55 0.00	55.51 0.53 0.00	59.23 0.33 0.00	72.50 1.03 0.00	147.80 2.11 0.00	113.52 2.26 0.00	106.36 3.37 0.00	61.42 1.99 0.00	76.20 1.96 0.00	62.71 0.82 0.00	49.67 0.78 0.00
ELBRIDGE_115KV_TB2 80188	54.28 -0.12 0.00	50.69 -0.37 -0.10	49.17 -0.26 -0.11	47.33 -0.25 0.00	45.80 -0.24 0.00	51.10 -0.38 0.00	53.26 -0.44 0.00	55.11 -0.42 0.00	64.58 -0.51 -0.36	69.05 -0.61 -0.79	71.45 -0.50 -0.72	87.29 -0.48 -2.06	79.11 -0.37 -0.68	81.06 -0.08 0.00	54.86 -0.12 0.00	58.76 -0.14 0.00	71.54 0.07 0.00	145.99 0.31 0.00	111.63 0.37 0.00	103.56 0.57 0.00	59.67 0.25 0.00	74.31 0.07 0.00	61.59 -0.29 0.00	48.62 -0.28 0.00
ELEC_TRO_TEK 24086	56.21 1.81 0.00	53.48 2.52 0.00	52.40 3.07 0.00	50.61 3.03 0.00	48.71 2.67 0.00	53.79 2.31 0.00	55.67 1.97 0.00	57.81 2.29 0.00	67.72 2.99 0.00	72.27 3.40 0.00	75.04 3.80 0.00	97.80 5.78 -6.32	92.56 6.28 -7.47	138.31 7.76 -49.41	250.06 5.76 -189.32	386.89 6.06 -321.93	827.49 7.15 -748.87	1712.71 14.40 -1552.62	300.46 10.32 -178.88	134.79 8.57 -23.22	99.37 4.49 -35.45	78.09 3.85 0.00	64.25 2.36 0.00	50.68 1.78 0.00
ELLENBURG_WT_PWR 323604	53.88 -0.53 0.00	50.61 -0.35 0.00	48.87 -0.45 0.00	47.10 -0.47 0.00	45.65 -0.39 0.00	51.17 -0.31 0.00	53.64 -0.06 0.00	55.11 -0.41 0.00	64.27 -0.46 0.00	68.19 -0.68 0.00	70.32 -0.92 0.00	84.33 -1.37 0.00	77.15 -1.66 0.00	78.55 -2.59 0.00	52.92 -2.06 0.00	56.71 -2.19 0.00	68.83 -2.64 0.00	140.32 -5.37 0.00	107.25 -4.00 0.00	99.52 -3.47 0.00	57.60 -1.82 0.00	72.77 -1.48 0.00	61.36 -0.53 0.00	48.53 -0.36 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	54.54 0.14 0.00	50.28 -0.69 0.00	48.82 -0.51 0.00	46.80 -0.77 0.00	45.36 -0.68 0.00	50.73 -0.75 0.00	52.49 -1.21 0.00	53.57 -1.96 0.00	62.61 -2.12 0.00	66.31 -2.56 0.00	69.29 -1.95 0.00	83.81 -1.90 0.00	77.69 -1.12 0.00	79.81 -1.32 0.00	53.77 -1.21 0.00	57.30 -1.60 0.00	70.08 -1.39 0.00	143.31 -2.38 0.00	110.51 -0.75 0.00	102.89 -0.10 0.00	59.53 0.11 0.00	73.02 -1.22 0.00	60.31 -1.57 0.00	47.99 -0.90 0.00
EMPIRE_CC_1 323656	55.23 0.83 0.00	52.00 1.03 0.00	50.70 1.37 0.00	48.92 1.34 0.00	47.23 1.19 0.00	52.59 1.11 0.00	54.55 0.85 0.00	56.70 1.18 0.00	65.98 1.24 0.00	70.17 1.30 0.00	72.65 1.41 0.00	87.85 2.14 0.00	81.26 2.46 0.00	84.11 2.97 0.00	59.75 2.31 -2.46	71.39 2.58 -9.91	88.40 2.73 -14.19	153.92 5.57 -2.66	115.80 4.55 0.00	106.85 3.86 0.00	61.31 1.89 0.00	76.19 1.95 0.00	63.00 1.12 0.00	49.69 0.80 0.00
EMPIRE_CC_2 323658	55.23 0.83 0.00	52.00 1.03 0.00	50.70 1.37 0.00	48.92 1.34 0.00	47.23 1.19 0.00	52.59 1.11 0.00	54.55 0.85 0.00	56.70 1.18 0.00	65.98 1.24 0.00	70.17 1.30 0.00	72.65 1.41 0.00	87.85 2.14 0.00	81.26 2.46 0.00	84.11 2.97 0.00	59.75 2.31 -2.46	71.39 2.58 -9.91	88.40 2.73 -14.19	153.92 5.57 -2.66	115.80 4.55 0.00	106.85 3.86 0.00	61.31 1.89 0.00	76.19 1.95 0.00	63.00 1.12 0.00	49.69 0.80 0.00
ENORWICH_115KV_TB1 80156	58.47 4.07 0.00	54.46 3.45 -0.04	53.03 3.67 -0.05	51.03 3.45 0.00	49.40 3.36 0.00	55.28 3.80 0.00	57.88 4.18 0.00	59.82 4.29 0.00	70.00 5.13 -0.14	74.76 5.58 -0.31	77.28 5.76 -0.28	93.75 7.22 -0.81	85.32 6.25 -0.27	87.86 6.72 0.00	59.85 4.35 -0.52	65.20 4.48 -1.82	80.52 6.05 -3.00	158.87 12.61 -0.56	121.48 10.22 0.00	113.98 10.99 0.00	65.69 6.26 0.00	81.58 7.33 0.00	67.17 5.29 0.00	52.77 3.87 0.00
ERIE_ST__34_KV_TB1-2 80199	54.95 0.55 0.00	50.53 -0.43 0.00	49.03 -0.29 0.00	46.99 -0.59 0.00	45.52 -0.52 0.00	50.95 -0.54 0.00	52.81 -0.89 0.00	54.04 -1.49 0.00	63.20 -1.53 0.00	66.95 -1.92 0.00	69.96 -1.28 0.00	84.61 -1.09 0.00	78.48 -0.33 0.00	80.79 -0.34 0.00	54.44 -0.54 0.00	58.01 -0.90 0.00	71.06 -0.41 0.00	145.23 -0.46 0.00	111.93 0.68 0.00	104.27 1.28 0.00	60.23 0.81 0.00	73.81 -0.44 0.00	60.81 -1.07 0.00	48.31 -0.59 0.00
ERIE_WT_PWR 323693	54.86 0.45 0.00	50.54 -0.43 0.00	49.06 -0.26 0.00	47.02 -0.56 0.00	45.56 -0.47 0.00	50.98 -0.51 0.00	52.78 -0.93 0.00	53.91 -1.62 0.00	62.98 -1.75 0.00	66.73 -2.14 0.00	69.72 -1.52 0.00	84.39 -1.32 0.00	78.21 -0.60 0.00	80.30 -0.84 0.00	54.13 -0.85 0.00	57.66 -1.24 0.00	70.58 -0.89 0.00	144.24 -1.45 0.00	111.12 -0.13 0.00	103.57 0.58 0.00	59.93 0.51 0.00	73.51 -0.73 0.00	60.68 -1.20 0.00	48.26 -0.64 0.00
ESPRGFLD_115KV_TB1 80157	57.19 2.79 0.00	53.34 2.38 0.00	51.68 2.36 0.00	49.87 2.29 0.00	48.21 2.18 0.00	53.96 2.47 0.00	56.45 2.75 0.00	58.19 2.67 0.00	67.81 3.09 0.00	72.09 3.22 0.00	74.83 3.59 0.00	90.03 4.33 0.00	82.38 3.57 0.00	84.88 3.75 0.00	57.29 2.31 0.00	61.75 2.52 -0.33	74.60 3.12 0.00	152.15 6.46 0.00	116.02 4.76 0.00	108.23 5.24 0.00	62.81 3.39 0.00	78.31 4.06 0.00	65.18 3.30 0.00	51.48 2.58 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	55.75 1.34 0.00	51.94 0.92 -0.05	50.44 1.06 -0.06	48.57 0.99 0.00	46.99 0.96 0.00	52.49 1.00 0.00	54.77 1.08 0.00	56.59 1.07 0.00	66.21 1.28 -0.19	70.64 1.34 -0.42	73.13 1.51 -0.39	88.74 1.92 -1.11	80.91 1.74 -0.37	83.14 2.01 0.00	56.18 1.20 0.00	60.12 1.22 0.00	73.45 1.98 0.00	149.78 4.10 0.00	114.67 3.42 0.00	107.01 4.02 0.00	61.68 2.26 0.00	76.74 2.50 0.00	63.41 1.53 0.00	49.98 1.09 0.00
ETNA____115KV_TB2 80207	55.75 1.34 0.00	51.94 0.92 -0.05	50.44 1.06 -0.06	48.57 0.99 0.00	46.99 0.96 0.00	52.49 1.00 0.00	54.77 1.08 0.00	56.59 1.07 0.00	66.21 1.28 -0.19	70.64 1.34 -0.42	73.13 1.51 -0.39	88.74 1.92 -1.11	80.91 1.74 -0.37	83.14 2.01 0.00	56.18 1.20 0.00	60.12 1.22 0.00	73.45 1.98 0.00	149.78 4.10 0.00	114.67 3.42 0.00	107.01 4.02 0.00	61.68 2.26 0.00	76.74 2.50 0.00	63.41 1.53 0.00	49.98 1.09 0.00
EUCLID____115KV_TB2 356179	53.91 -0.49 0.00	50.32 -0.68 -0.04	48.78 -0.59 -0.05	47.00 -0.58 0.00	45.48 -0.56 0.00	50.80 -0.68 0.00	52.96 -0.74 0.00	54.76 -0.76 0.00	63.99 -0.90 -0.16	68.25 -0.97 -0.35	70.63 -0.93 -0.32	85.68 -0.94 -0.91	78.36 -0.75 -0.30	80.67 -0.46 0.00	54.72 -0.26 0.00	58.53 -0.37 0.00	71.18 -0.29 0.00	145.19 -0.50 0.00	111.01 -0.24 0.00	102.89 -0.10 0.00	59.29 -0.13 0.00	73.83 -0.42 0.00	61.22 -0.67 0.00	48.34 -0.55 0.00
E_CANADA_CAP_HY 24051	57.79 3.39 0.00	53.96 3.00 0.00	52.13 2.81 0.00	50.24 2.67 0.00	48.59 2.55 0.00	54.43 2.95 0.00	56.95 3.26 0.00	58.49 2.97 0.00	68.17 3.44 0.00	72.29 3.43 0.00	75.08 3.84 0.00	90.01 4.30 0.00	81.97 3.17 0.00	84.30 3.16 0.00	56.85 1.87 0.00	61.51 2.18 -0.43	73.82 2.35 0.00	150.57 4.88 0.00	115.02 3.77 0.00	107.93 4.94 0.00	62.95 3.53 0.00	78.54 4.30 0.00	65.72 3.83 0.00	51.95 3.06 0.00
E_CANADA_MHWK_HY 24050	55.80 1.40 0.00	52.32 1.36 0.00	51.08 1.75 0.00	49.29 1.72 0.00	47.51 1.47 0.00	52.82 1.33 0.00	54.80 1.10 0.00	56.78 1.25 0.00	66.14 1.41 0.00	70.28 1.42 0.00	72.85 1.61 0.00	87.81 2.10 0.00	80.23 1.43 0.00	83.34 2.21 0.00	57.09 2.11 0.00	61.20 2.30 0.00	73.63 2.16 0.00	150.74 5.05 0.00	115.58 4.33 0.00	108.09 5.10 0.00	62.17 2.74 0.00	77.32 3.07 0.00	63.82 1.94 0.00	50.06 1.17 0.00
E_FISHKILL__LBMP 23776	55.93 1.53 0.00	52.77 1.80 0.00	51.39 2.06 0.00	49.61 2.04 0.00	47.89 1.85 0.00	53.21 1.72 0.00	55.32 1.63 0.00	57.49 1.96 0.00	67.05 2.32 0.00	71.38 2.52 0.00	73.98 2.74 0.00	89.81 4.10 0.00	83.42 4.61 0.00	86.94 5.81 0.00	75.51 4.34 -16.18	114.77 4.53 -51.33	160.46 5.35 -83.64	172.30 10.76 -15.85	118.90 7.64 0.00	109.52 6.53 0.00	62.73 3.31 0.00	77.23 2.99 0.00	63.73 1.84 0.00	50.37 1.47 0.00
FALCON____SEABRD_CC1 323796	53.25 -1.16 0.00	50.25 -0.71 0.00	48.80 -0.52 0.00	47.05 -0.52 0.00	45.55 -0.49 0.00	50.79 -0.70 0.00	53.35 -0.35 0.00	54.59 -0.93 0.00	63.59 -1.14 0.00	67.36 -1.51 0.00	69.42 -1.82 0.00	83.46 -2.24 0.00	76.32 -2.48 0.00	77.60 -3.54 0.00	52.33 -2.66 0.00	56.01 -2.89 0.00	67.94 -3.54 0.00	138.57 -7.12 0.00	106.08 -5.18 0.00	98.61 -4.38 0.00	56.95 -2.48 0.00	71.98 -2.27 0.00	60.77 -1.12 0.00	47.99 -0.90 0.00
FALCON____SEABRD_CC2 323797	53.25 -1.16 0.00	50.25 -0.71 0.00	48.80 -0.52 0.00	47.05 -0.52 0.00	45.55 -0.49 0.00	50.79 -0.70 0.00	53.35 -0.35 0.00	54.59 -0.93 0.00	63.59 -1.14 0.00	67.36 -1.51 0.00	69.42 -1.82 0.00	83.46 -2.24 0.00	76.32 -2.48 0.00	77.60 -3.54 0.00	52.33 -2.66 0.00	56.01 -2.89 0.00	67.94 -3.54 0.00	138.57 -7.12 0.00	106.08 -5.18 0.00	98.61 -4.38 0.00	56.95 -2.48 0.00	71.98 -2.27 0.00	60.77 -1.12 0.00	47.99 -0.90 0.00

FAR ROCKAWAY___4 23548	57.31 2.91 0.00	54.43 3.46 0.00	53.29 3.96 0.00	51.46 3.89 0.00	49.52 3.49 0.00	54.70 3.21 0.00	56.61 2.91 0.00	58.84 3.31 0.00	68.95 4.22 0.00	73.75 4.87 0.00	76.52 5.28 0.00	107.74 7.53 -14.50	102.98 7.55 -16.63	141.22 8.89 -51.20	254.23 6.53 -192.71	391.65 6.94 -325.81	842.49 8.32 -762.70	1786.50 16.82 -1623.99	304.76 12.20 -181.32	137.48 10.14 -24.34	100.24 5.37 -35.45	79.28 5.04 0.00	65.13 3.24 0.00	51.45 2.55 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	56.61 2.21 0.00	53.54 2.57 0.00	52.16 2.83 0.00	50.36 2.78 0.00	48.64 2.60 0.00	53.98 2.49 0.00	56.12 2.42 0.00	58.37 2.85 0.00	68.17 3.44 0.00	72.62 3.75 0.00	75.19 3.96 0.00	91.24 5.54 0.00	84.94 6.14 0.00	88.70 7.57 0.00	79.74 5.54 -19.23	115.15 5.69 -50.56	159.98 6.74 -81.77	175.14 13.61 -15.84	120.76 9.51 0.00	111.07 8.08 0.00	63.55 4.13 0.00	77.88 3.63 0.00	64.27 2.39 0.00	50.95 2.06 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	56.63 2.23 0.00	53.57 2.60 0.00	52.18 2.86 0.00	50.38 2.80 0.00	48.66 2.63 0.00	53.99 2.50 0.00	56.14 2.44 0.00	58.38 2.86 0.00	68.17 3.44 0.00	72.63 3.76 0.00	75.21 3.97 0.00	91.25 5.54 0.00	84.95 6.14 0.00	88.71 7.57 0.00	79.76 5.55 -19.23	115.16 5.70 -50.56	160.00 6.76 -81.77	175.20 13.67 -15.84	120.78 9.53 0.00	111.12 8.13 0.00	63.58 4.16 0.00	77.91 3.67 0.00	64.30 2.42 0.00	50.96 2.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	56.55 2.15 0.00	53.49 2.53 0.00	52.12 2.79 0.00	50.33 2.75 0.00	48.62 2.58 0.00	53.93 2.45 0.00	56.08 2.38 0.00	58.33 2.81 0.00	68.11 3.38 0.00	72.57 3.70 0.00	75.14 3.90 0.00	91.17 5.46 0.00	84.86 6.06 0.00	88.62 7.49 0.00	79.70 5.49 -19.23	115.09 5.63 -50.56	159.89 6.65 -81.77	174.96 13.44 -15.84	120.63 9.38 0.00	110.96 7.97 0.00	63.49 4.07 0.00	77.81 3.56 0.00	64.21 2.33 0.00	50.90 2.00 0.00
FARRAGUT___LBMP 323566	56.50 2.10 0.00	53.45 2.48 0.00	52.07 2.74 0.00	50.28 2.70 0.00	48.57 2.54 0.00	53.88 2.39 0.00	56.02 2.32 0.00	58.25 2.72 0.00	68.03 3.30 0.00	72.47 3.60 0.00	75.03 3.79 0.00	91.03 5.32 0.00	84.73 5.93 0.00	88.50 7.37 0.00	79.60 5.39 -19.23	114.99 5.53 -50.56	159.79 6.55 -81.77	174.76 13.23 -15.84	120.45 9.19 0.00	110.82 7.84 0.00	63.41 3.99 0.00	77.71 3.47 0.00	64.13 2.25 0.00	50.84 1.95 0.00
FENNER___WINDPWR 24204	55.93 1.53 0.00	52.25 1.24 -0.04	50.66 1.29 -0.05	48.81 1.24 0.00	47.20 1.16 0.00	52.77 1.28 0.00	55.09 1.39 0.00	56.95 1.43 0.00	66.59 1.71 -0.15	70.93 1.73 -0.33	73.38 1.85 -0.30	88.79 2.23 -0.86	81.23 2.14 -0.28	83.47 2.33 0.00	56.67 1.69 0.00	60.57 1.66 0.00	73.76 2.28 0.00	150.63 4.94 0.00	115.20 3.95 0.00	107.14 4.15 0.00	61.82 2.40 0.00	76.87 2.63 0.00	63.67 1.78 0.00	50.17 1.27 0.00
FIBERTEK___ENERGY 23856	54.52 0.12 0.00	50.92 -0.14 -0.09	49.38 -0.05 -0.11	47.53 -0.05 0.00	45.98 -0.06 0.00	51.36 -0.12 0.00	53.54 -0.16 0.00	55.39 -0.14 0.00	64.90 -0.17 -0.34	69.42 -0.19 -0.75	71.72 -0.19 -0.68	87.44 -0.22 -1.95	79.17 -0.28 -0.64	81.07 -0.07 0.00	54.94 -0.04 0.00	58.81 -0.09 0.00	71.61 0.13 0.00	146.04 0.35 0.00	111.69 0.44 0.00	103.55 0.56 0.00	59.65 0.22 0.00	74.39 0.15 0.00	61.72 -0.16 0.00	48.82 -0.08 0.00
FITZPATRICK___ 23598	52.97 -1.43 0.00	48.95 -1.50 0.52	47.32 -1.40 0.61	46.25 -1.32 0.00	44.76 -1.28 0.00	50.00 -1.49 0.00	52.10 -1.60 0.00	53.86 -1.67 0.00	60.84 -1.98 1.90	62.58 -2.11 4.18	65.27 -2.14 3.83	72.33 -2.41 10.97	73.06 -2.14 3.61	79.15 -1.98 0.00	53.68 -1.30 0.00	57.48 -1.42 0.00	69.87 -1.60 0.00	142.50 -3.19 0.00	108.99 -2.26 0.00	100.97 -2.02 0.00	58.22 -1.20 0.00	72.52 -1.72 0.00	60.23 -1.65 0.00	47.58 -1.31 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	57.00 2.59 0.00	53.66 2.69 0.00	52.20 2.88 0.00	50.38 2.81 0.00	48.63 2.59 0.00	54.05 2.57 0.00	56.24 2.54 0.00	58.52 2.99 0.00	68.28 3.56 0.00	72.76 3.89 0.00	75.52 4.28 0.00	91.82 6.11 0.00	85.39 6.58 0.00	89.02 7.88 0.00	74.40 5.75 -13.67	113.14 6.06 -48.18	157.76 7.43 -78.85	175.60 15.12 -14.78	122.08 10.83 0.00	112.30 9.32 0.00	64.29 4.87 0.00	79.09 4.84 0.00	65.12 3.24 0.00	51.38 2.48 0.00
FORT ORANGE___ 23900	54.69 0.29 0.00	51.52 0.56 0.00	50.23 0.90 0.00	48.49 0.92 0.00	46.81 0.78 0.00	52.11 0.63 0.00	54.13 0.43 0.00	56.22 0.69 0.00	65.36 0.63 0.00	69.49 0.63 0.00	71.85 0.62 0.00	86.89 1.19 0.00	80.33 1.52 0.00	82.91 1.78 0.00	56.88 1.40 -0.50	58.51 1.61 2.00	76.08 1.74 -2.88	149.86 3.63 -0.54	114.58 3.32 0.00	105.92 2.93 0.00	60.88 1.45 0.00	75.71 1.47 0.00	62.56 0.68 0.00	49.27 0.37 0.00
FORT_DRUM_COGEN 23780	57.89 3.48 0.00	53.94 2.91 -0.07	52.10 2.69 -0.08	50.08 2.50 0.00	48.46 2.42 0.00	54.31 2.82 0.00	56.88 3.18 0.00	58.56 3.04 0.00	68.55 3.57 -0.25	72.64 3.21 -0.56	74.20 2.45 -0.51	89.37 2.21 -1.46	81.02 1.73 -0.48	82.71 1.57 0.00	56.15 1.17 0.00	59.49 0.59 0.00	72.30 0.83 0.00	148.86 3.17 0.00	114.83 3.58 0.00	106.31 3.32 0.00	63.07 3.65 0.00	79.32 5.07 0.00	65.73 3.84 0.00	51.71 2.81 0.00
FOX_HILLS___ESR 323835	56.51 2.11 0.00	53.60 2.64 0.00	52.13 2.81 0.00	50.48 2.90 0.00	48.75 2.72 0.00	54.01 2.52 0.00	55.95 2.25 0.00	56.67 2.44 1.30	65.95 3.17 1.95	70.97 3.32 1.22	74.63 3.40 0.00	90.61 4.91 0.00	84.49 5.69 0.00	88.22 7.08 0.00	79.33 5.13 -19.22	114.56 5.09 -50.56	129.07 5.99 -51.61	169.40 12.10 -11.61	105.91 8.42 13.77	98.97 7.11 11.13	60.79 3.66 2.30	69.43 3.14 7.95	63.85 2.09 0.12	50.87 1.96 -0.01
FPL_FAR_ROCK_GT1 24212	57.31 2.91 0.00	54.43 3.47 0.00	53.28 3.96 0.00	51.46 3.88 0.00	49.52 3.49 0.00	54.70 3.21 0.00	56.61 2.91 0.00	58.83 3.30 0.00	68.95 4.22 0.00	73.75 4.87 0.00	76.52 5.28 0.00	107.69 7.49 -14.50	102.98 7.55 -16.63	141.22 8.88 -51.20	254.22 6.52 -192.71	391.64 6.93 -325.81	842.49 8.32 -762.70	1786.47 16.80 -1623.99	304.77 12.20 -181.32	137.49 10.15 -24.35	100.24 5.37 -35.45	79.29 5.04 0.00	65.12 3.24 0.00	51.45 2.55 0.00
FPL_FAR_ROCK_GT2 23815	57.31 2.91 0.00	54.43 3.47 0.00	53.28 3.96 0.00	51.46 3.88 0.00	49.52 3.49 0.00	54.70 3.21 0.00	56.61 2.91 0.00	58.83 3.30 0.00	68.95 4.22 0.00	73.75 4.87 0.00	76.52 5.28 0.00	107.69 7.49 -14.50	102.98 7.55 -16.63	141.22 8.88 -51.20	254.22 6.52 -192.71	391.64 6.93 -325.81	842.49 8.32 -762.70	1786.47 16.80 -1623.99	304.77 12.20 -181.32	137.49 10.15 -24.35	100.24 5.37 -35.45	79.29 5.04 0.00	65.12 3.24 0.00	51.45 2.55 0.00
FRANKLIN_FALL_HYD 24054	54.87 0.46 0.00	51.42 0.45 0.00	49.54 0.21 0.00	47.69 0.11 0.00	46.23 0.20 0.00	51.97 0.49 0.00	54.52 0.82 0.00	56.05 0.53 0.00	65.40 0.67 0.00	69.31 0.44 0.00	71.29 0.05 0.00	85.20 -0.51 0.00	77.82 -0.98 0.00	79.05 -2.09 0.00	53.29 -1.69 0.00	57.12 -1.79 0.00	69.33 -2.14 0.00	141.43 -4.26 0.00	108.19 -3.07 0.00	100.46 -2.53 0.00	58.29 -1.13 0.00	73.88 -0.37 0.00	62.29 0.41 0.00	49.30 0.40 0.00

FREEPORT_EQUS_GT1 23764	56.57 2.17 0.00	53.84 2.88 0.00	52.82 3.50 0.00	51.02 3.45 0.00	49.10 3.06 0.00	54.15 2.66 0.00	55.96 2.26 0.00	58.13 2.60 0.00	68.14 3.41 0.00	72.59 3.72 0.00	75.16 3.93 0.00	97.13 6.07 -5.35	91.82 6.64 -6.37	137.04 8.19 -47.71	247.49 6.09 -186.42	386.50 6.42 -321.17	821.03 7.65 -741.91	1700.42 15.54 -1539.19	301.25 11.22 -178.77	135.51 9.29 -23.23	99.83 4.95 -35.45	78.93 4.69 0.00	64.82 2.94 0.00	51.06 2.17 0.00
FREEPORT___CT2 23818	56.57 2.17 0.00	53.84 2.88 0.00	52.82 3.50 0.00	51.02 3.45 0.00	49.10 3.06 0.00	54.15 2.66 0.00	55.96 2.26 0.00	58.13 2.60 0.00	68.14 3.41 0.00	72.59 3.72 0.00	75.16 3.93 0.00	97.13 6.07 -5.35	91.82 6.64 -6.37	137.04 8.19 -47.71	247.49 6.09 -186.42	386.50 6.42 -321.17	821.03 7.65 -741.91	1700.42 15.54 -1539.19	301.25 11.22 -178.77	135.51 9.29 -23.23	99.83 4.95 -35.45	78.93 4.69 0.00	64.82 2.94 0.00	51.06 2.17 0.00
FRESHKLS_33_KV_LOAD 356253	56.53 2.12 0.00	53.64 2.67 0.00	52.13 2.80 0.00	50.53 2.96 0.00	48.85 2.82 0.00	54.08 2.59 0.00	55.94 2.24 0.00	56.58 2.36 1.30	65.88 3.10 1.95	70.84 3.20 1.23	74.52 3.28 0.00	90.57 4.86 0.00	84.45 5.64 0.00	88.21 7.07 0.00	79.35 5.15 -19.22	114.62 5.15 -50.56	129.15 6.07 -51.61	169.57 12.27 -11.61	106.05 8.57 13.77	99.08 7.22 11.13	60.87 3.74 2.30	69.56 3.26 7.95	63.92 2.16 0.12	50.95 2.04 -0.01
FULTON COGEN____ 23766	53.71 -0.69 0.00	50.25 -0.88 -0.17	48.77 -0.76 -0.20	46.85 -0.73 0.00	45.33 -0.71 0.00	50.64 -0.85 0.00	52.76 -0.94 0.00	54.60 -0.92 0.00	64.23 -1.12 -0.62	69.05 -1.17 -1.35	71.29 -1.19 -1.24	87.99 -1.27 -3.55	78.89 -1.09 -1.17	80.36 -0.77 0.00	54.51 -0.47 0.00	58.33 -0.57 0.00	70.97 -0.51 0.00	144.74 -0.94 0.00	110.76 -0.49 0.00	102.68 -0.31 0.00	59.17 -0.25 0.00	73.66 -0.58 0.00	61.08 -0.81 0.00	48.22 -0.67 0.00
FULTON___LFGE 323630	58.04 3.64 0.00	54.24 3.28 0.00	52.50 3.18 0.00	50.64 3.06 0.00	48.92 2.88 0.00	54.72 3.23 0.00	57.09 3.39 0.00	58.63 3.10 0.00	68.29 3.56 0.00	72.55 3.68 0.00	75.36 4.13 0.00	89.89 4.18 0.00	81.53 2.72 0.00	83.97 2.84 0.00	56.75 1.77 0.00	61.54 2.17 0.00	73.82 2.35 0.00	151.15 5.46 0.00	115.86 4.61 0.00	109.61 6.62 0.00	63.94 4.52 0.00	79.63 5.39 0.00	66.16 4.27 0.00	52.14 3.24 0.00
G.F.CEMENT___DRP 24184	57.56 3.16 0.00	53.89 2.93 0.00	52.35 3.03 0.00	50.45 2.87 0.00	48.68 2.64 0.00	54.27 2.78 0.00	56.56 2.87 0.00	58.68 3.16 0.00	68.22 3.50 0.00	72.36 3.49 0.00	74.43 3.20 0.00	90.01 4.31 0.00	82.93 4.13 0.00	85.66 4.52 0.00	58.19 3.21 0.00	63.45 3.62 -0.92	75.68 4.21 0.00	154.52 8.83 0.00	119.33 8.08 0.00	110.84 7.86 0.00	63.60 4.17 0.00	79.14 4.90 0.00	65.43 3.55 0.00	51.47 2.57 0.00
GARDENVILLE___LBMP 24039	54.69 0.29 0.00	50.39 -0.58 0.00	48.93 -0.39 0.00	46.91 -0.67 0.00	45.46 -0.57 0.00	50.86 -0.63 0.00	52.65 -1.05 0.00	53.73 -1.79 0.00	62.79 -1.94 0.00	66.48 -2.39 0.00	69.41 -1.83 0.00	83.90 -1.80 0.00	77.72 -1.08 0.00	79.83 -1.30 0.00	53.85 -1.13 0.00	57.40 -1.50 0.00	70.19 -1.28 0.00	143.53 -2.16 0.00	110.67 -0.58 0.00	103.13 0.14 0.00	59.67 0.25 0.00	73.26 -0.98 0.00	60.47 -1.41 0.00	48.12 -0.77 0.00
GARDNVLA_35_KV_LD 355827	54.95 0.54 0.00	50.59 -0.37 0.00	49.12 -0.20 0.00	47.08 -0.50 0.00	45.60 -0.43 0.00	51.04 -0.45 0.00	52.83 -0.87 0.00	53.97 -1.56 0.00	63.11 -1.62 0.00	66.85 -2.02 0.00	69.86 -1.37 0.00	84.53 -1.17 0.00	78.36 -0.45 0.00	80.51 -0.62 0.00	54.26 -0.72 0.00	57.82 -1.08 0.00	70.76 -0.72 0.00	144.63 -1.06 0.00	111.50 0.24 0.00	103.87 0.88 0.00	60.07 0.65 0.00	73.68 -0.57 0.00	60.78 -1.11 0.00	48.33 -0.57 0.00
GELCKHM___115KV_LOAD 80723	54.13 -0.27 0.00	50.54 -0.48 -0.06	49.00 -0.40 -0.07	47.19 -0.38 0.00	45.67 -0.37 0.00	51.01 -0.48 0.00	53.19 -0.51 0.00	54.99 -0.53 0.00	64.32 -0.63 -0.22	68.68 -0.68 -0.49	71.04 -0.65 -0.45	86.31 -0.68 -1.28	78.64 -0.59 -0.42	80.79 -0.35 0.00	54.78 -0.20 0.00	58.62 -0.28 0.00	71.32 -0.15 0.00	145.49 -0.20 0.00	111.25 -0.01 0.00	103.12 0.14 0.00	59.41 -0.02 0.00	74.03 -0.22 0.00	61.40 -0.48 0.00	48.52 -0.38 0.00
GENERAL___MILLS 23808	54.82 0.41 0.00	50.48 -0.48 0.00	49.03 -0.30 0.00	46.99 -0.59 0.00	45.53 -0.50 0.00	50.93 -0.55 0.00	52.72 -0.97 0.00	53.85 -1.68 0.00	62.96 -1.78 0.00	66.67 -2.20 0.00	69.65 -1.59 0.00	84.28 -1.43 0.00	78.11 -0.69 0.00	80.25 -0.88 0.00	54.08 -0.90 0.00	57.63 -1.27 0.00	70.52 -0.96 0.00	144.16 -1.53 0.00	111.11 -0.14 0.00	103.53 0.54 0.00	59.87 0.45 0.00	73.47 -0.78 0.00	60.63 -1.26 0.00	48.22 -0.68 0.00
GE_PLASTICS___DRP 24183	54.58 0.18 0.00	51.56 0.60 0.00	50.35 1.03 0.00	48.65 1.07 0.00	46.96 0.92 0.00	52.28 0.79 0.00	54.30 0.60 0.00	56.35 0.82 0.00	65.59 0.86 0.00	69.80 0.94 0.00	72.11 0.88 0.00	86.99 1.29 0.00	80.38 1.58 0.00	82.94 1.81 0.00	56.43 1.45 0.00	58.20 1.60 2.31	73.20 1.72 0.00	149.19 3.50 0.00	114.06 2.81 0.00	105.37 2.38 0.00	60.55 1.12 0.00	75.25 1.00 0.00	62.26 0.37 0.00	49.11 0.21 0.00
GILBOA___1 23756	55.19 0.79 0.00	51.89 0.93 0.00	50.84 1.52 0.00	49.37 1.79 0.00	47.53 1.49 0.00	52.74 1.25 0.00	54.68 0.98 0.00	56.51 0.98 0.00	65.86 1.13 0.00	70.09 1.23 0.00	72.58 1.35 0.00	87.77 2.06 0.00	80.81 2.00 0.00	83.61 2.48 0.00	54.22 1.92 2.68	51.53 2.03 9.40	58.25 2.22 15.44	147.28 4.48 2.90	114.45 3.20 0.00	105.70 2.71 0.00	60.91 1.49 0.00	75.89 1.65 0.00	62.85 0.97 0.00	49.64 0.74 0.00
GILBOA___2 23757	55.19 0.79 0.00	51.89 0.93 0.00	50.84 1.52 0.00	49.37 1.79 0.00	47.53 1.49 0.00	52.74 1.25 0.00	54.68 0.98 0.00	56.51 0.98 0.00	65.86 1.13 0.00	70.09 1.23 0.00	72.58 1.35 0.00	87.77 2.06 0.00	80.81 2.00 0.00	83.61 2.48 0.00	54.22 1.92 2.68	51.53 2.03 9.40	58.25 2.22 15.44	147.28 4.48 2.90	114.45 3.20 0.00	105.70 2.71 0.00	60.91 1.49 0.00	75.89 1.65 0.00	62.85 0.97 0.00	49.64 0.74 0.00
GILBOA___3 23758	55.19 0.79 0.00	51.89 0.93 0.00	50.84 1.52 0.00	49.37 1.79 0.00	47.53 1.49 0.00	52.74 1.25 0.00	54.68 0.98 0.00	56.51 0.98 0.00	65.86 1.13 0.00	70.09 1.23 0.00	72.58 1.35 0.00	87.77 2.06 0.00	80.81 2.00 0.00	83.61 2.48 0.00	54.22 1.92 2.68	51.53 2.03 9.40	58.25 2.22 15.44	147.28 4.48 2.90	114.45 3.20 0.00	105.70 2.71 0.00	60.91 1.49 0.00	75.89 1.65 0.00	62.85 0.97 0.00	49.64 0.74 0.00
GILBOA___4 23759	55.19 0.79 0.00	51.89 0.93 0.00	50.84 1.52 0.00	49.37 1.79 0.00	47.53 1.49 0.00	52.74 1.25 0.00	54.68 0.98 0.00	56.51 0.98 0.00	65.86 1.13 0.00	70.09 1.23 0.00	72.58 1.35 0.00	87.77 2.06 0.00	80.81 2.00 0.00	83.61 2.48 0.00	54.22 1.92 2.68	51.53 2.03 9.40	58.25 2.22 15.44	147.28 4.48 2.90	114.45 3.20 0.00	105.70 2.71 0.00	60.91 1.49 0.00	75.89 1.65 0.00	62.85 0.97 0.00	49.64 0.74 0.00

GILBOA____ 23599	55.19 0.79 0.00	51.89 0.93 0.00	50.85 1.52 0.00	49.37 1.79 0.00	47.53 1.50 0.00	52.74 1.25 0.00	54.68 0.98 0.00	56.51 0.99 0.00	65.86 1.13 0.00	70.09 1.23 0.00	72.58 1.35 0.00	87.76 2.05 0.00	80.81 2.01 0.00	83.61 2.47 0.00	54.22 1.92 2.68	51.53 2.03 9.40	58.25 2.22 15.44	147.27 4.48 2.90	114.44 3.19 0.00	105.71 2.72 0.00	60.91 1.49 0.00	75.89 1.65 0.00	62.85 0.97 0.00	49.64 0.74 0.00
GINNA____ 23603	52.61 -1.79 0.00	48.79 -2.18 0.00	47.24 -2.08 0.00	45.43 -2.15 0.00	43.98 -2.06 0.00	49.19 -2.29 0.00	51.16 -2.54 0.00	52.72 -2.80 0.00	61.57 -3.16 0.00	65.40 -3.47 0.00	68.04 -3.19 0.00	82.14 -3.56 0.00	75.87 -2.93 0.00	78.28 -2.86 0.00	52.97 -2.01 0.00	56.65 -2.25 0.00	68.84 -2.63 0.00	140.86 -4.83 0.00	108.18 -3.08 0.00	100.24 -2.75 0.00	57.89 -1.54 0.00	71.62 -2.63 0.00	59.19 -2.70 0.00	46.76 -2.14 0.00
GLEN PARK____ 23778	58.20 3.80 0.00	54.20 3.17 -0.07	52.34 2.93 -0.08	50.29 2.71 0.00	48.66 2.62 0.00	54.53 3.05 0.00	57.15 3.45 0.00	58.80 3.28 0.00	68.89 3.90 -0.27	73.03 3.57 -0.58	74.64 2.87 -0.53	89.90 2.67 -1.53	81.42 2.11 -0.51	83.18 2.05 0.00	56.49 1.51 0.00	59.67 0.77 0.00	72.49 1.02 0.00	149.55 3.86 0.00	115.55 4.30 0.00	106.87 3.88 0.00	63.49 4.07 0.00	79.86 5.61 0.00	66.10 4.22 0.00	51.98 3.09 0.00
GLENDALE_27_KV_LOAD 356172	56.76 2.36 0.00	53.83 2.86 0.00	52.44 3.12 0.00	50.68 3.11 0.00	48.91 2.88 0.00	54.24 2.76 0.00	56.42 2.72 0.00	58.62 3.09 0.00	68.46 3.73 0.00	72.76 3.89 0.00	75.18 3.94 0.00	91.21 5.50 0.00	85.03 6.23 0.00	88.79 7.65 0.00	79.68 5.49 -19.22	114.99 5.53 -50.56	121.05 6.55 -43.02	169.88 13.23 -10.96	101.08 9.20 19.38	85.29 7.86 25.56	60.20 4.07 3.29	64.32 3.51 13.44	61.28 2.37 2.98	51.03 2.14 0.00
GLENWOOD_IC_1_G5 23712	56.61 2.20 0.00	53.68 2.72 0.00	52.47 3.15 0.00	50.67 3.10 0.00	48.82 2.79 0.00	54.02 2.54 0.00	56.02 2.32 0.00	58.23 2.70 0.00	68.09 3.36 0.00	72.50 3.63 0.00	75.15 3.92 0.00	95.28 5.87 -3.70	89.75 6.44 -4.50	138.27 7.95 -49.19	249.80 5.89 -188.94	386.89 6.16 -321.83	826.71 7.29 -747.95	1711.23 14.69 -1550.86	300.25 10.41 -178.59	134.85 8.64 -23.22	99.41 4.54 -35.45	78.40 4.16 0.00	64.42 2.54 0.00	50.73 1.83 0.00
GLENWOOD_IC_2_G1 23688	56.42 2.02 0.00	53.44 2.47 0.00	52.17 2.85 0.00	50.38 2.80 0.00	48.58 2.54 0.00	53.80 2.32 0.00	55.84 2.14 0.00	58.02 2.50 0.00	67.82 3.10 0.00	72.31 3.44 0.00	75.02 3.79 0.00	93.26 5.56 -2.00	87.49 6.12 -2.57	138.32 7.53 -49.66	250.27 5.57 -189.73	386.73 5.80 -322.03	828.20 6.88 -749.85	1714.05 13.85 -1554.51	299.52 9.86 -178.40	134.53 8.32 -23.23	99.19 4.32 -35.45	78.11 3.86 0.00	64.30 2.42 0.00	50.79 1.90 0.00
GLENWOOD_IC_3_G1 23689	56.42 2.02 0.00	53.44 2.47 0.00	52.17 2.85 0.00	50.38 2.80 0.00	48.58 2.54 0.00	53.80 2.32 0.00	55.84 2.14 0.00	58.02 2.50 0.00	67.82 3.10 0.00	72.31 3.44 0.00	75.02 3.79 0.00	93.26 5.56 -2.00	87.49 6.12 -2.57	138.32 7.53 -49.66	250.27 5.57 -189.73	386.73 5.80 -322.03	828.20 6.88 -749.85	1714.05 13.85 -1554.51	299.52 9.86 -178.40	134.53 8.32 -23.23	99.19 4.32 -35.45	78.11 3.86 0.00	64.30 2.42 0.00	50.79 1.90 0.00
GLENWOOD____4 23550	56.61 2.20 0.00	53.68 2.72 0.00	52.47 3.15 0.00	50.67 3.10 0.00	48.82 2.79 0.00	54.02 2.54 0.00	56.02 2.32 0.00	58.23 2.70 0.00	68.11 3.38 0.00	72.60 3.73 0.00	75.32 4.08 0.00	95.47 6.06 -3.70	89.92 6.61 -4.50	138.45 8.13 -49.19	249.93 6.01 -188.94	387.03 6.30 -321.83	826.87 7.45 -747.95	1711.55 15.00 -1550.86	300.54 10.70 -178.59	135.12 8.91 -23.22	99.53 4.66 -35.45	78.50 4.26 0.00	64.50 2.62 0.00	50.84 1.95 0.00
GLENWOOD____5 23614	56.61 2.20 0.00	53.68 2.72 0.00	52.47 3.15 0.00	50.67 3.10 0.00	48.82 2.79 0.00	54.02 2.54 0.00	56.02 2.32 0.00	58.23 2.70 0.00	68.11 3.38 0.00	72.60 3.73 0.00	75.32 4.08 0.00	95.47 6.06 -3.70	89.92 6.61 -4.50	138.45 8.13 -49.19	249.93 6.01 -188.94	387.03 6.30 -321.83	826.87 7.45 -747.95	1711.55 15.00 -1550.86	300.54 10.70 -178.59	135.12 8.91 -23.22	99.53 4.66 -35.45	78.50 4.26 0.00	64.50 2.62 0.00	50.84 1.95 0.00
GLOBAL GREEN_PORT_GT1 23814	57.25 2.85 0.00	54.76 3.80 0.00	54.50 5.18 0.00	53.47 5.89 0.00	51.53 5.50 0.00	56.67 5.18 0.00	58.17 4.47 0.00	59.83 4.30 0.00	71.10 6.37 0.00	76.57 7.04 -0.66	86.48 7.57 -7.67	265.85 9.08 -171.06	235.01 8.63 -147.58	285.66 10.77 -193.75	299.66 8.09 -236.59	386.41 8.40 -319.11	830.89 9.37 -750.05	1663.92 17.69 -1500.55	327.90 12.08 -204.57	278.11 11.71 -163.42	302.19 5.84 -236.93	282.06 4.74 -203.08	166.90 4.38 -100.64	67.76 3.31 -15.55
GLOBE____DSASP 323697	53.11 -1.29 0.00	49.03 -1.93 0.00	47.62 -1.71 0.00	45.68 -1.89 0.00	44.29 -1.75 0.00	49.49 -1.99 0.00	51.06 -2.64 0.00	52.00 -3.53 0.00	60.48 -4.25 0.00	63.95 -4.92 0.00	66.91 -4.33 0.00	80.89 -4.82 0.00	74.96 -3.84 0.00	76.81 -4.33 0.00	51.77 -3.21 0.00	55.27 -3.64 0.00	67.34 -4.13 0.00	137.85 -7.84 0.00	106.53 -4.72 0.00	98.94 -4.05 0.00	57.37 -2.05 0.00	70.33 -3.92 0.00	58.59 -3.30 0.00	46.74 -2.16 0.00
GOETHSLN____LBMP 323567	56.17 1.76 0.00	53.12 2.16 0.00	51.75 2.43 0.00	49.99 2.41 0.00	48.30 2.27 0.00	53.57 2.08 0.00	55.70 2.00 0.00	56.56 2.34 1.31	65.58 2.81 1.96	70.73 3.09 1.23	74.53 3.29 0.00	90.40 4.70 0.00	84.18 5.38 0.00	87.94 6.80 0.00	79.20 4.99 -19.23	114.55 5.09 -50.56	129.05 5.98 -51.60	169.38 12.08 -11.61	105.80 8.31 13.77	98.89 7.04 11.14	60.66 3.54 2.30	69.22 2.92 7.95	63.57 1.80 0.12	50.56 1.66 0.00
GOLAH____69_KV_TB 1_2 80279	55.53 1.13 0.00	51.38 0.41 0.00	49.77 0.44 0.00	47.79 0.21 0.00	46.31 0.27 0.00	51.79 0.30 0.00	53.80 0.10 0.00	55.27 -0.26 0.00	64.61 -0.12 0.00	68.55 -0.32 0.00	71.39 0.15 0.00	86.11 0.40 0.00	79.51 0.71 0.00	81.89 0.75 0.00	55.35 0.37 0.00	59.27 0.37 0.00	71.99 0.51 0.00	147.43 1.74 0.00	113.57 2.32 0.00	105.30 2.31 0.00	60.88 1.46 0.00	75.14 0.89 0.00	62.06 0.17 0.00	49.13 0.23 0.00
GOODYEAR_LAKE_HYD 323669	56.42 2.01 0.00	52.73 1.77 0.00	51.30 1.98 0.00	49.57 1.99 0.00	47.87 1.83 0.00	53.42 1.93 0.00	55.71 2.01 0.00	57.61 2.09 0.00	67.19 2.46 0.00	71.64 2.65 -0.11	74.27 2.93 -0.10	89.77 3.84 -0.22	82.33 3.53 0.00	85.07 3.93 0.00	58.26 2.66 -0.61	64.05 2.85 -2.30	78.50 3.50 -3.53	153.55 7.20 -0.66	116.61 5.35 0.00	108.26 5.27 0.00	62.46 3.03 0.00	77.71 3.47 0.00	64.39 2.50 0.00	50.77 1.88 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	54.96 0.56 0.00	51.11 0.11 -0.04	49.75 0.38 -0.04	47.87 0.30 0.00	46.31 0.28 0.00	51.71 0.22 0.00	53.89 0.19 0.00	55.61 0.09 0.00	65.06 0.20 -0.13	69.62 0.44 -0.30	72.15 0.64 -0.28	87.49 1.00 -0.79	79.90 0.84 -0.26	82.46 1.32 0.00	56.51 1.01 -0.53	61.53 0.78 -1.86	75.93 1.41 -3.05	149.13 2.88 -0.57	113.33 2.08 0.00	105.56 2.57 0.00	60.65 1.22 0.00	75.54 1.29 0.00	62.40 0.52 0.00	49.30 0.40 0.00

GOUDEY___7 23579	54.96 0.56 0.00	51.11 0.11 -0.04	49.75 0.38 -0.04	47.87 0.30 0.00	46.31 0.28 0.00	51.71 0.22 0.00	53.89 0.19 0.00	55.61 0.09 0.00	65.06 0.20 -0.13	69.62 0.44 -0.30	72.15 0.64 -0.28	87.49 1.00 -0.79	79.90 0.84 -0.26	82.46 1.32 0.00	56.51 1.01 -0.53	61.53 0.78 -1.86	75.93 1.41 -3.05	149.13 2.88 -0.57	113.33 2.08 0.00	105.56 2.57 0.00	60.65 1.22 0.00	75.54 1.29 0.00	62.40 0.52 0.00	49.30 0.40 0.00
GOUDEY___8 23580	54.96 0.56 0.00	51.11 0.11 -0.04	49.75 0.38 -0.04	47.87 0.30 0.00	46.31 0.28 0.00	51.71 0.22 0.00	53.89 0.19 0.00	55.61 0.09 0.00	65.06 0.20 -0.13	69.62 0.44 -0.30	72.15 0.64 -0.28	87.49 1.00 -0.79	79.90 0.84 -0.26	82.46 1.32 0.00	56.51 1.01 -0.53	61.53 0.78 -1.86	75.93 1.41 -3.05	149.13 2.88 -0.57	113.33 2.08 0.00	105.56 2.57 0.00	60.65 1.22 0.00	75.54 1.29 0.00	62.40 0.52 0.00	49.30 0.40 0.00
GOWANUS_GT1_1 24077	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT1_2 24078	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT1_3 24079	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT1_4 24080	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT1_5 24084	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT1_6 24111	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT1_7 24112	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT1_8 24113	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT2_1 24114	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT2_2 24115	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT2_3 24116	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT2_4 24117	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT2_5 24118	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01

GOWANUS_GT2_6 24119	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT2_7 24120	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT2_8 24121	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT3_1 24122	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT3_2 24123	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT3_3 24124	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT3_4 24125	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT3_5 24126	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT3_6 24127	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT3_7 24128	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT3_8 24129	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
GOWANUS_GT4_1 24130	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT4_2 24131	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT4_3 24132	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT4_4 24133	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01

GOWANUS_GT4_5 24134	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT4_6 24135	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT4_7 24136	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GOWANUS_GT4_8 24137	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GREATVRV_69_KV_BK1 356245	57.09 2.68 0.00	54.55 3.58 0.00	53.80 4.47 0.00	52.04 4.47 0.00	50.01 3.97 0.00	54.97 3.49 0.00	56.58 2.88 0.00	58.65 3.13 0.00	69.00 4.27 0.00	74.55 5.02 -0.66	81.49 5.55 -4.70	198.03 8.07 -104.26	179.44 8.40 -92.24	226.73 10.02 -135.58	280.28 7.33 -217.98	385.94 7.78 -319.25	828.50 9.37 -747.65	1668.12 19.20 -1503.23	319.73 14.12 -194.36	222.85 11.76 -108.10	221.90 6.34 -156.13	202.38 5.86 -122.27	125.96 3.80 -60.28	61.02 2.81 -9.31
GREENBSH_115KV_TB3 55895	54.62 0.21 0.00	51.46 0.49 0.00	50.18 0.85 0.00	48.44 0.87 0.00	46.77 0.73 0.00	52.06 0.58 0.00	54.07 0.38 0.00	56.17 0.64 0.00	65.37 0.64 0.00	69.57 0.70 0.00	71.99 0.75 0.00	86.98 1.27 0.00	80.41 1.61 0.00	83.12 1.99 0.00	56.57 1.59 0.00	56.68 1.77 3.99	73.38 1.90 0.00	149.58 3.90 0.00	114.59 3.34 0.00	105.82 2.83 0.00	60.76 1.33 0.00	75.49 1.25 0.00	62.41 0.53 0.00	49.20 0.31 0.00
GREENDGE_115KV_TB5 80291	55.38 0.97 0.00	51.33 0.33 -0.03	49.99 0.63 -0.04	48.02 0.44 0.00	46.51 0.48 0.00	52.01 0.52 0.00	54.25 0.55 0.00	55.81 0.29 0.00	65.14 0.29 -0.11	69.21 0.10 -0.24	71.84 0.38 -0.22	86.62 0.27 -0.64	79.62 0.61 -0.21	82.10 0.97 0.00	55.74 0.76 0.00	59.49 0.58 0.00	72.69 1.22 0.00	147.65 1.96 0.00	113.09 1.83 0.00	105.81 2.83 0.00	60.99 1.57 0.00	75.82 1.58 0.00	62.49 0.61 0.00	49.56 0.66 0.00
GREENIDGE___3 23582	55.38 0.97 0.00	51.33 0.33 -0.03	49.99 0.63 -0.04	48.02 0.44 0.00	46.51 0.48 0.00	52.01 0.52 0.00	54.25 0.55 0.00	55.81 0.29 0.00	65.14 0.29 -0.11	69.21 0.10 -0.24	71.84 0.38 -0.22	86.62 0.27 -0.64	79.62 0.61 -0.21	82.10 0.97 0.00	55.74 0.76 0.00	59.49 0.58 0.00	72.69 1.22 0.00	147.65 1.96 0.00	113.09 1.83 0.00	105.81 2.83 0.00	60.99 1.57 0.00	75.82 1.58 0.00	62.49 0.61 0.00	49.56 0.66 0.00
GREENIDGE___4 23583	55.38 0.97 0.00	51.36 0.37 -0.03	49.99 0.63 -0.04	48.02 0.45 0.00	46.51 0.48 0.00	52.00 0.52 0.00	54.25 0.55 0.00	55.82 0.30 0.00	65.14 0.30 -0.11	69.21 0.10 -0.24	71.83 0.37 -0.22	86.63 0.29 -0.64	79.63 0.61 -0.21	82.09 0.96 0.00	55.75 0.77 0.00	59.49 0.58 0.00	72.69 1.22 0.00	147.63 1.94 0.00	113.09 1.84 0.00	105.80 2.82 0.00	60.99 1.57 0.00	75.82 1.58 0.00	62.49 0.61 0.00	49.56 0.67 0.00
GREENLWN_69_KV_BK 3 55738	55.15 0.75 0.00	52.90 1.93 0.00	52.32 2.99 0.00	50.71 3.13 0.00	48.70 2.66 0.00	53.41 1.92 0.00	54.88 1.19 0.00	56.83 1.30 0.00	66.59 1.86 0.00	71.04 2.48 0.31	71.81 2.87 2.29	47.48 5.03 43.25	37.04 5.65 47.42	104.86 7.29 -16.44	230.46 5.62 -169.86	383.92 5.86 -319.16	808.14 6.85 -729.82	1660.87 13.54 -1501.64	286.22 9.68 -165.29	90.84 7.81 19.96	54.31 4.06 9.17	26.40 2.92 50.76	41.03 1.44 22.29	46.41 0.96 3.44
GREENWD_138_KV_38B11_REV_LBMP_J 345004	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01
GRISSOM___SOLAR 323813	57.88 3.48 0.00	54.12 3.15 0.00	52.43 3.11 0.00	50.57 3.00 0.00	48.85 2.81 0.00	54.60 3.12 0.00	56.90 3.20 0.00	58.45 2.92 0.00	68.02 3.30 0.00	72.36 3.50 0.00	75.14 3.90 0.00	89.48 3.77 0.00	81.08 2.28 0.00	83.53 2.39 0.00	56.47 1.49 0.00	61.26 1.88 -0.48	73.38 1.91 0.00	150.49 4.80 0.00	115.45 4.20 0.00	109.42 6.43 0.00	63.83 4.41 0.00	79.49 5.25 0.00	65.99 4.11 0.00	51.99 3.10 0.00
GROVEVILLE___HYD 323602	57.00 2.59 0.00	53.66 2.69 0.00	52.20 2.88 0.00	50.38 2.81 0.00	48.63 2.59 0.00	54.05 2.57 0.00	56.24 2.54 0.00	58.52 2.99 0.00	68.28 3.56 0.00	72.76 3.89 0.00	75.52 4.28 0.00	91.82 6.11 0.00	85.39 6.58 0.00	89.02 7.88 0.00	74.40 5.75 -13.67	113.14 6.06 -48.18	157.76 7.43 -78.85	175.60 15.12 -14.78	122.08 10.83 0.00	112.30 9.32 0.00	64.29 4.87 0.00	79.09 4.84 0.00	65.12 3.24 0.00	51.38 2.48 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	54.52 0.12 0.00	50.92 -0.14 -0.09	49.38 -0.05 -0.11	47.53 -0.05 0.00	45.98 -0.06 0.00	51.36 -0.12 0.00	53.54 -0.16 0.00	55.39 -0.14 0.00	64.90 -0.17 -0.34	69.42 -0.19 -0.75	71.72 -0.19 -0.68	87.44 -0.22 -1.95	79.17 -0.28 -0.64	81.07 -0.07 0.00	54.94 -0.04 0.00	58.81 -0.09 0.00	71.61 0.13 0.00	146.04 0.35 0.00	111.69 0.44 0.00	103.55 0.56 0.00	59.65 0.22 0.00	74.39 0.15 0.00	61.72 -0.16 0.00	48.82 -0.08 0.00
HAMLTNNY_34_KV_TB 80303	54.90 0.49 0.00	51.17 0.11 -0.09	49.62 0.19 -0.10	47.72 0.15 0.00	46.20 0.17 0.00	51.58 0.10 0.00	53.75 0.04 0.00	55.54 0.02 0.00	65.02 -0.03 -0.32	69.50 -0.08 -0.71	71.92 0.03 -0.65	87.80 0.23 -1.87	79.59 0.17 -0.62	81.73 0.59 0.00	55.33 0.35 0.00	59.27 0.37 0.00	72.13 0.66 0.00	147.29 1.61 0.00	112.77 1.51 0.00	104.74 1.75 0.00	60.31 0.89 0.00	75.05 0.80 0.00	62.15 0.26 0.00	49.03 0.14 0.00

HAMPSHIRE___PAPER_HYD 323593	56.12 1.72 0.00	52.46 1.47 -0.03	50.56 1.21 -0.03	48.66 1.08 0.00	47.14 1.10 0.00	52.94 1.46 0.00	55.44 1.74 0.00	57.04 1.52 0.00	66.47 1.64 -0.10	70.34 1.24 -0.23	71.86 0.41 -0.21	86.07 -0.24 -0.61	78.34 -0.66 -0.20	79.44 -1.69 0.00	53.75 -1.23 0.00	57.33 -1.58 0.00	69.66 -1.81 0.00	142.44 -3.25 0.00	109.30 -1.96 0.00	101.34 -1.65 0.00	59.50 0.08 0.00	75.50 1.26 0.00	63.20 1.32 0.00	50.04 1.14 0.00
HARDSCRABBLE_WT_PWR 323673	55.65 1.25 0.00	52.20 1.23 0.00	50.87 1.55 0.00	49.07 1.49 0.00	47.32 1.28 0.00	52.65 1.17 0.00	54.70 1.01 0.00	56.64 1.12 0.00	65.99 1.26 0.00	70.13 1.26 0.00	72.66 1.43 0.00	87.66 1.95 0.00	80.17 1.37 0.00	83.22 2.08 0.00	56.89 1.91 0.00	60.99 2.09 0.00	73.52 2.05 0.00	150.36 4.68 0.00	115.19 3.94 0.00	107.46 4.47 0.00	61.82 2.40 0.00	76.89 2.65 0.00	63.59 1.71 0.00	49.95 1.06 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	56.56 2.16 0.00	53.26 2.29 0.00	51.77 2.45 0.00	49.95 2.38 0.00	48.22 2.19 0.00	53.60 2.12 0.00	55.79 2.09 0.00	57.98 2.45 0.00	67.67 2.94 0.00	72.09 3.22 0.00	74.86 3.62 0.00	90.99 5.28 0.00	84.65 5.84 0.00	88.34 7.20 0.00	65.37 5.18 -5.20	106.38 5.38 -42.10	148.23 6.63 -70.13	171.58 13.44 -12.45	120.78 9.53 0.00	111.10 8.11 0.00	63.58 4.15 0.00	78.15 3.90 0.00	64.45 2.57 0.00	50.92 2.03 0.00
HARSNRAD_115KV_TB1 81005	53.92 -0.48 0.00	49.79 -1.17 0.00	48.34 -0.98 0.00	46.35 -1.23 0.00	44.93 -1.11 0.00	50.23 -1.26 0.00	51.82 -1.88 0.00	52.66 -2.86 0.00	61.57 -3.16 0.00	65.17 -3.70 0.00	68.00 -3.24 0.00	82.17 -3.54 0.00	76.01 -2.80 0.00	77.88 -3.26 0.00	52.55 -2.43 0.00	56.04 -2.86 0.00	68.43 -3.05 0.00	139.98 -5.71 0.00	108.17 -3.09 0.00	100.49 -2.50 0.00	58.33 -1.10 0.00	71.45 -2.80 0.00	59.13 -2.75 0.00	47.23 -1.66 0.00
HARZA MOOSE___RIVER 24016	56.73 2.32 0.00	52.98 1.99 -0.03	51.27 1.92 -0.03	49.39 1.82 0.00	47.76 1.73 0.00	53.48 1.99 0.00	55.91 2.22 0.00	57.75 2.23 0.00	67.43 2.61 -0.09	71.48 2.42 -0.20	73.50 2.07 -0.18	88.47 2.23 -0.52	80.91 1.93 -0.17	83.00 1.86 0.00	56.28 1.30 0.00	60.07 1.17 0.00	73.08 1.61 0.00	149.48 3.79 0.00	114.59 3.34 0.00	106.49 3.50 0.00	62.04 2.61 0.00	77.63 3.38 0.00	64.45 2.57 0.00	50.80 1.90 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	54.17 -0.23 0.00	50.54 -0.48 -0.05	49.01 -0.38 -0.06	47.20 -0.37 0.00	45.68 -0.36 0.00	51.03 -0.45 0.00	53.20 -0.50 0.00	55.00 -0.53 0.00	64.31 -0.60 -0.19	68.65 -0.63 -0.41	71.00 -0.61 -0.37	86.27 -0.50 -1.07	78.81 -0.35 -0.35	81.12 -0.02 0.00	55.02 0.04 0.00	58.81 -0.09 0.00	71.53 0.06 0.00	145.88 0.19 0.00	111.53 0.28 0.00	103.39 0.40 0.00	59.56 0.14 0.00	74.19 -0.05 0.00	61.51 -0.38 0.00	48.56 -0.33 0.00
HELLGATE_13_KV_LD 55870	56.93 2.53 0.00	54.00 3.04 0.00	52.62 3.30 0.00	50.85 3.28 0.00	49.08 3.04 0.00	54.41 2.92 0.00	56.63 2.93 0.00	58.82 3.30 0.00	68.68 3.95 0.00	72.98 4.11 0.00	75.44 4.21 0.00	91.53 5.82 0.00	85.34 6.54 0.00	89.11 7.97 0.00	79.87 5.68 -19.22	115.20 5.73 -50.56	134.44 6.77 -56.20	172.01 13.69 -12.62	108.05 9.58 12.79	94.31 8.19 16.88	61.52 4.27 2.17	69.09 3.72 8.87	62.46 2.54 1.97	51.21 2.31 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	56.93 2.53 0.00	54.00 3.04 0.00	52.62 3.30 0.00	50.85 3.28 0.00	49.08 3.04 0.00	54.41 2.92 0.00	56.63 2.93 0.00	58.82 3.30 0.00	68.68 3.95 0.00	72.98 4.11 0.00	75.44 4.21 0.00	91.53 5.82 0.00	85.34 6.54 0.00	89.11 7.97 0.00	79.87 5.68 -19.22	115.20 5.73 -50.56	134.44 6.77 -56.20	172.01 13.69 -12.62	108.05 9.58 12.79	94.31 8.19 16.88	61.52 4.27 2.17	69.09 3.72 8.87	62.46 2.54 1.97	51.21 2.31 0.00
HEMPSTEAD____ 23647	56.18 1.78 0.00	53.43 2.46 0.00	52.36 3.04 0.00	50.58 3.01 0.00	48.70 2.66 0.00	53.76 2.27 0.00	55.63 1.93 0.00	57.78 2.26 0.00	67.70 2.97 0.00	72.23 3.36 0.00	74.95 3.71 0.00	95.51 5.69 -4.11	90.06 6.29 -4.97	137.73 7.80 -48.80	249.06 5.81 -188.27	386.66 6.10 -321.66	825.03 7.21 -746.35	1708.00 14.55 -1547.76	300.28 10.39 -178.63	134.79 8.57 -23.23	99.36 4.48 -35.45	78.15 3.91 0.00	64.21 2.32 0.00	50.60 1.71 0.00
HICKLING___1 23621	55.33 0.93 0.00	51.03 0.03 -0.03	49.73 0.37 -0.04	47.69 0.11 0.00	46.20 0.17 0.00	51.71 0.23 0.00	53.98 0.28 0.00	55.47 -0.06 0.00	64.90 0.06 -0.11	68.84 -0.28 -0.25	71.48 0.02 -0.23	86.72 0.37 -0.65	79.63 0.61 -0.21	82.30 1.16 0.00	55.94 0.97 0.00	59.44 0.54 0.00	72.87 1.40 0.00	148.36 2.67 0.00	113.24 1.99 0.00	106.18 3.19 0.00	60.87 1.45 0.00	75.83 1.59 0.00	62.45 0.57 0.00	49.37 0.47 0.00
HICKLING___2 23622	55.33 0.93 0.00	51.03 0.03 -0.03	49.73 0.37 -0.04	47.69 0.11 0.00	46.20 0.17 0.00	51.71 0.23 0.00	53.98 0.28 0.00	55.47 -0.06 0.00	64.90 0.06 -0.11	68.84 -0.28 -0.25	71.48 0.02 -0.23	86.72 0.37 -0.65	79.63 0.61 -0.21	82.30 1.16 0.00	55.94 0.97 0.00	59.44 0.54 0.00	72.87 1.40 0.00	148.36 2.67 0.00	113.24 1.99 0.00	106.18 3.19 0.00	60.87 1.45 0.00	75.83 1.59 0.00	62.45 0.57 0.00	49.37 0.47 0.00
HIGH FALLS___HY 23754	57.05 2.64 0.00	53.56 2.60 0.00	52.06 2.74 0.00	50.25 2.67 0.00	48.49 2.45 0.00	53.88 2.39 0.00	56.11 2.41 0.00	58.36 2.84 0.00	68.04 3.31 0.00	72.40 3.53 0.00	75.10 3.87 0.00	91.42 5.71 0.00	85.36 6.55 0.00	88.79 7.65 0.00	71.38 5.57 -10.84	102.63 5.92 -37.81	141.41 7.44 -62.49	173.23 15.82 -11.72	122.39 11.14 0.00	112.61 9.62 0.00	64.46 5.04 0.00	79.18 4.94 0.00	65.19 3.31 0.00	51.41 2.51 0.00
HIGH_RIVER___SOLAR 323847	56.63 2.23 0.00	53.05 2.09 0.00	51.51 2.19 0.00	49.72 2.14 0.00	48.01 1.97 0.00	53.55 2.06 0.00	55.75 2.05 0.00	57.56 2.03 0.00	66.86 2.13 0.00	70.96 2.09 0.00	73.49 2.25 0.00	88.41 2.70 0.00	80.40 1.60 0.00	83.03 1.90 0.00	56.35 1.36 0.00	61.10 1.69 -0.50	73.68 2.21 0.00	150.59 4.90 0.00	115.39 4.13 0.00	107.91 4.92 0.00	62.49 3.06 0.00	77.80 3.55 0.00	64.52 2.63 0.00	50.87 1.98 0.00
HILLBURN___GT 23639	56.22 1.82 0.00	53.01 2.04 0.00	51.54 2.22 0.00	49.74 2.16 0.00	48.02 1.99 0.00	53.35 1.87 0.00	55.54 1.84 0.00	57.69 2.16 0.00	67.32 2.59 0.00	71.68 2.81 0.00	74.37 3.14 0.00	90.31 4.61 0.00	84.06 5.26 0.00	87.74 6.60 0.00	64.35 4.87 -4.49	107.08 5.13 -43.05	149.43 6.09 -71.86	170.60 12.24 -12.67	119.85 8.59 0.00	110.24 7.26 0.00	63.10 3.67 0.00	77.54 3.30 0.00	63.93 2.04 0.00	50.56 1.67 0.00
HILLSIDE_115KV_TB1 80332	54.36 -0.04 0.00	50.15 -0.84 -0.03	48.92 -0.45 -0.04	46.90 -0.68 0.00	45.42 -0.62 0.00	50.81 -0.68 0.00	53.03 -0.67 0.00	54.53 -0.99 0.00	63.82 -1.03 -0.12	67.73 -1.40 -0.26	70.34 -1.13 -0.23	85.46 -0.92 -0.67	78.44 -0.59 -0.22	81.20 0.07 0.00	55.19 0.22 0.00	58.52 -0.39 0.00	71.87 0.40 0.00	146.16 0.47 0.00	111.33 0.08 0.00	104.37 1.38 0.00	59.76 0.33 0.00	74.65 0.40 0.00	61.50 -0.39 0.00	48.61 -0.28 0.00

HISHELDN_WT_PWR 323625	54.63 0.22 0.00	50.35 -0.61 0.00	48.93 -0.40 0.00	46.93 -0.64 0.00	45.48 -0.55 0.00	50.87 -0.61 0.00	52.74 -0.96 0.00	53.88 -1.65 0.00	62.92 -1.81 0.00	66.58 -2.29 0.00	69.41 -1.83 0.00	83.82 -1.89 0.00	77.52 -1.29 0.00	79.57 -1.56 0.00	53.90 -1.08 0.00	57.45 -1.45 0.00	70.18 -1.29 0.00	143.39 -2.30 0.00	110.54 -0.72 0.00	103.18 0.19 0.00	59.65 0.23 0.00	73.44 -0.81 0.00	60.63 -1.25 0.00	48.20 -0.69 0.00
HOLTSVILLE_IC_1 23690	56.02 1.61 0.00	53.62 2.66 0.00	52.95 3.63 0.00	51.28 3.71 0.00	49.31 3.28 0.00	54.17 2.68 0.00	55.68 1.98 0.00	57.61 2.08 0.00	67.71 2.98 0.00	73.03 3.55 -0.61	82.56 3.91 -7.41	258.09 6.01 -166.37	226.84 6.47 -141.58	279.84 7.93 -190.78	295.34 5.84 -234.52	384.15 6.15 -319.10	827.23 7.19 -748.57	1660.64 14.52 -1500.43	324.96 10.56 -203.14	270.86 8.90 -158.97	296.94 4.71 -232.80	276.26 3.91 -198.10	162.87 2.41 -98.57	65.92 1.80 -15.23
HOLTSVILLE_IC_10 23699	56.41 2.01 0.00	53.98 3.02 0.00	53.30 3.97 0.00	51.61 4.03 0.00	49.59 3.56 0.00	54.52 3.03 0.00	56.02 2.32 0.00	58.00 2.47 0.00	68.20 3.47 0.00	73.77 4.11 -0.80	84.22 4.53 -8.45	277.11 6.85 -184.56	251.57 7.19 -165.58	291.53 8.45 -201.95	303.94 6.28 -242.69	384.49 6.45 -319.13	833.75 7.71 -754.56	1662.35 15.62 -1501.05	331.36 11.31 -208.80	288.37 9.30 -176.08	312.92 5.21 -248.29	295.94 4.72 -216.98	171.19 2.99 -106.31	67.52 2.20 -16.43
HOLTSVILLE_IC_2 23691	56.02 1.61 0.00	53.62 2.66 0.00	52.95 3.63 0.00	51.28 3.71 0.00	49.31 3.28 0.00	54.17 2.68 0.00	55.68 1.98 0.00	57.61 2.08 0.00	67.71 2.98 0.00	73.03 3.55 -0.61	82.56 3.91 -7.41	258.09 6.01 -166.37	226.84 6.47 -141.58	279.84 7.93 -190.78	295.34 5.84 -234.52	384.15 6.15 -319.10	827.23 7.19 -748.57	1660.64 14.52 -1500.43	324.96 10.56 -203.14	270.86 8.90 -158.97	296.94 4.71 -232.80	276.26 3.91 -198.10	162.87 2.41 -98.57	65.92 1.80 -15.23
HOLTSVILLE_IC_3 23692	56.02 1.61 0.00	53.62 2.66 0.00	52.95 3.63 0.00	51.28 3.71 0.00	49.31 3.28 0.00	54.17 2.68 0.00	55.68 1.98 0.00	57.61 2.08 0.00	67.71 2.98 0.00	73.03 3.55 -0.61	82.56 3.91 -7.41	258.09 6.01 -166.37	226.84 6.47 -141.58	279.84 7.93 -190.78	295.34 5.84 -234.52	384.15 6.15 -319.10	827.23 7.19 -748.57	1660.64 14.52 -1500.43	324.96 10.56 -203.14	270.86 8.90 -158.97	296.94 4.71 -232.80	276.26 3.91 -198.10	162.87 2.41 -98.57	65.92 1.80 -15.23
HOLTSVILLE_IC_4 23693	56.02 1.61 0.00	53.62 2.66 0.00	52.95 3.63 0.00	51.28 3.71 0.00	49.31 3.28 0.00	54.17 2.68 0.00	55.68 1.98 0.00	57.61 2.08 0.00	67.71 2.98 0.00	73.03 3.55 -0.61	82.56 3.91 -7.41	258.09 6.01 -166.37	226.84 6.47 -141.58	279.84 7.93 -190.78	295.34 5.84 -234.52	384.15 6.15 -319.10	827.23 7.19 -748.57	1660.64 14.52 -1500.43	324.96 10.56 -203.14	270.86 8.90 -158.97	296.94 4.71 -232.80	276.26 3.91 -198.10	162.87 2.41 -98.57	65.92 1.80 -15.23
HOLTSVILLE_IC_5 23694	56.02 1.61 0.00	53.62 2.66 0.00	52.95 3.63 0.00	51.28 3.71 0.00	49.31 3.28 0.00	54.17 2.68 0.00	55.68 1.98 0.00	57.61 2.08 0.00	67.71 2.98 0.00	73.03 3.55 -0.61	82.56 3.91 -7.41	258.09 6.01 -166.37	226.84 6.47 -141.58	279.84 7.93 -190.78	295.34 5.84 -234.52	384.15 6.15 -319.10	827.23 7.19 -748.57	1660.64 14.52 -1500.43	324.96 10.56 -203.14	270.86 8.90 -158.97	296.94 4.71 -232.80	276.26 3.91 -198.10	162.87 2.41 -98.57	65.92 1.80 -15.23
HOLTSVILLE_IC_6 23695	56.41 2.01 0.00	53.98 3.02 0.00	53.30 3.97 0.00	51.61 4.03 0.00	49.59 3.56 0.00	54.52 3.03 0.00	56.02 2.32 0.00	58.00 2.47 0.00	68.20 3.47 0.00	73.77 4.11 -0.80	84.22 4.53 -8.45	277.11 6.85 -184.56	251.57 7.19 -165.58	291.53 8.45 -201.95	303.94 6.28 -242.69	384.49 6.45 -319.13	833.75 7.71 -754.56	1662.35 15.62 -1501.05	331.36 11.31 -208.80	288.37 9.30 -176.08	312.92 5.21 -248.29	295.94 4.72 -216.98	171.19 2.99 -106.31	67.52 2.20 -16.43
HOLTSVILLE_IC_7 23696	56.41 2.01 0.00	53.98 3.02 0.00	53.30 3.97 0.00	51.61 4.03 0.00	49.59 3.56 0.00	54.52 3.03 0.00	56.02 2.32 0.00	58.00 2.47 0.00	68.20 3.47 0.00	73.77 4.11 -0.80	84.22 4.53 -8.45	277.11 6.85 -184.56	251.57 7.19 -165.58	291.53 8.45 -201.95	303.94 6.28 -242.69	384.49 6.45 -319.13	833.75 7.71 -754.56	1662.35 15.62 -1501.05	331.36 11.31 -208.80	288.37 9.30 -176.08	312.92 5.21 -248.29	295.94 4.72 -216.98	171.19 2.99 -106.31	67.52 2.20 -16.43
HOLTSVILLE_IC_8 23697	56.41 2.01 0.00	53.98 3.02 0.00	53.30 3.97 0.00	51.61 4.03 0.00	49.59 3.56 0.00	54.52 3.03 0.00	56.02 2.32 0.00	58.00 2.47 0.00	68.20 3.47 0.00	73.77 4.11 -0.80	84.22 4.53 -8.45	277.11 6.85 -184.56	251.57 7.19 -165.58	291.53 8.45 -201.95	303.94 6.28 -242.69	384.49 6.45 -319.13	833.75 7.71 -754.56	1662.35 15.62 -1501.05	331.36 11.31 -208.80	288.37 9.30 -176.08	312.92 5.21 -248.29	295.94 4.72 -216.98	171.19 2.99 -106.31	67.52 2.20 -16.43
HOLTSVILLE_IC_9 23698	56.41 2.01 0.00	53.98 3.02 0.00	53.30 3.97 0.00	51.61 4.03 0.00	49.59 3.56 0.00	54.52 3.03 0.00	56.02 2.32 0.00	58.00 2.47 0.00	68.20 3.47 0.00	73.77 4.11 -0.80	84.22 4.53 -8.45	277.11 6.85 -184.56	251.57 7.19 -165.58	291.53 8.45 -201.95	303.94 6.28 -242.69	384.49 6.45 -319.13	833.75 7.71 -754.56	1662.35 15.62 -1501.05	331.36 11.31 -208.80	288.37 9.30 -176.08	312.92 5.21 -248.29	295.94 4.72 -216.98	171.19 2.99 -106.31	67.52 2.20 -16.43
HOMER_HL_115KV_TB2 355744	54.28 -0.12 0.00	50.11 -0.86 0.00	48.71 -0.62 0.00	46.72 -0.85 0.00	45.31 -0.72 0.00	50.72 -0.76 0.00	52.78 -0.91 0.00	54.07 -1.45 0.00	63.23 -1.50 0.00	66.78 -2.09 0.00	69.40 -1.83 0.00	83.61 -2.10 0.00	77.60 -1.21 0.00	80.15 -0.99 0.00	53.91 -1.06 0.00	57.44 -1.46 0.00	70.51 -0.96 0.00	144.16 -1.53 0.00	110.89 -0.37 0.00	104.06 1.07 0.00	59.86 0.44 0.00	73.95 -0.29 0.00	60.82 -1.06 0.00	48.25 -0.64 0.00
HOWARD_WT_PWR 323690	55.98 1.57 0.00	51.59 0.61 -0.02	50.18 0.83 -0.03	48.19 0.61 0.00	46.70 0.66 0.00	52.30 0.81 0.00	54.53 0.83 0.00	55.86 0.33 0.00	65.33 0.51 -0.08	69.15 0.10 -0.18	71.75 0.35 -0.17	86.77 0.58 -0.48	79.69 0.72 -0.16	81.84 0.70 0.00	55.60 0.61 0.00	59.35 0.44 0.00	72.59 1.12 0.00	148.01 2.32 0.00	113.71 2.46 0.00	106.51 3.52 0.00	61.53 2.11 0.00	76.31 2.07 0.00	62.78 0.90 0.00	49.76 0.86 0.00
HQ_GEN_CEDARS 23644	54.67 0.26 0.00	51.22 0.25 0.00	49.25 -0.08 0.00	47.41 -0.17 0.00	46.00 -0.04 0.00	51.92 0.43 0.00	54.33 0.63 0.00	55.90 0.37 0.00	65.06 0.33 0.00	69.10 0.23 0.00	71.12 -0.12 0.00	84.95 -0.75 0.00	77.67 -1.14 0.00	78.03 -3.11 0.00	52.75 -2.23 0.00	56.62 -2.29 0.00	68.74 -2.73 0.00	140.03 -5.66 0.00	106.97 -4.29 0.00	98.96 -4.03 0.00	57.48 -1.94 0.00	73.48 -0.77 0.00	61.96 0.08 0.00	49.14 0.24 0.00
HQ_GEN_CEDARS_PROXY 323590	56.54 0.27 -1.87	52.09 0.25 -0.87	49.25 -0.08 0.00	47.41 -0.17 0.00	46.00 -0.04 0.00	51.92 0.43 0.00	54.33 0.63 0.00	55.90 0.37 0.00	65.07 0.34 0.00	69.10 0.23 0.00	71.12 -0.12 0.00	84.95 -0.76 0.00	77.67 -1.14 0.00	78.03 -3.11 0.00	52.76 -2.23 0.00	56.62 -2.29 0.00	68.74 -2.73 0.00	140.03 -5.66 0.00	106.97 -4.29 0.00	98.95 -4.03 0.00	57.48 -1.94 0.00	73.48 -0.77 0.00	61.96 0.08 0.00	52.50 0.25 -3.36

HQ_GEN_IMPORT 323601	54.25 -0.15 0.00	49.92 -0.14 0.90	48.95 -0.45 -0.07	46.31 -0.51 0.76	45.65 -0.39 0.00	51.32 -0.17 0.00	53.69 -0.01 0.00	55.39 -0.14 0.00	64.62 -0.11 0.00	68.74 -0.13 0.00	70.98 -0.26 0.00	84.96 -0.75 0.00	79.08 -1.04 -1.32	79.42 -1.72 0.00	0.00 -1.41 53.57	43.34 -1.46 14.11	0.00 -1.74 69.73	0.00 -3.63 142.06	0.00 -2.77 108.48	100.48 -2.51 0.00	58.19 -1.23 0.00	76.08 -0.93 -2.76	61.68 -0.20 0.00	48.29 -0.10 0.51
HQ_GEN_WHEEL 23651	54.25 -0.15 0.00	49.92 -0.14 0.90	48.95 -0.45 -0.07	46.31 -0.51 0.76	45.65 -0.39 0.00	51.32 -0.17 0.00	53.69 -0.01 0.00	55.39 -0.14 0.00	64.62 -0.11 0.00	68.74 -0.13 0.00	70.98 -0.26 0.00	84.96 -0.75 0.00	79.08 -1.04 -1.32	79.42 -1.72 0.00	0.00 -1.41 53.57	43.34 -1.46 14.11	0.00 -1.74 69.73	0.00 -3.63 142.06	0.00 -2.77 108.48	100.48 -2.51 0.00	58.19 -1.23 0.00	76.08 -0.93 -2.76	61.68 -0.20 0.00	48.29 -0.10 0.51
HUDSON AVE_GT_3 23810	56.63 2.23 0.00	53.56 2.60 0.00	52.17 2.85 0.00	50.38 2.81 0.00	48.66 2.63 0.00	54.01 2.52 0.00	56.16 2.46 0.00	58.40 2.88 0.00	68.19 3.46 0.00	72.66 3.79 0.00	75.24 4.01 0.00	91.30 5.59 0.00	85.00 6.19 0.00	88.76 7.63 0.00	79.78 5.58 -19.23	115.20 5.73 -50.56	160.02 6.78 -81.77	175.23 13.69 -15.84	120.82 9.56 0.00	111.17 8.18 0.00	63.59 4.16 0.00	77.92 3.67 0.00	64.30 2.42 0.00	50.96 2.06 0.00
HUDSON AVE_GT_4 23540	56.63 2.23 0.00	53.56 2.60 0.00	52.17 2.85 0.00	50.38 2.81 0.00	48.66 2.63 0.00	54.01 2.52 0.00	56.16 2.46 0.00	58.40 2.88 0.00	68.19 3.46 0.00	72.66 3.79 0.00	75.24 4.01 0.00	91.30 5.59 0.00	85.00 6.19 0.00	88.76 7.63 0.00	79.78 5.58 -19.23	115.20 5.73 -50.56	160.02 6.78 -81.77	175.23 13.69 -15.84	120.82 9.56 0.00	111.17 8.18 0.00	63.59 4.16 0.00	77.92 3.67 0.00	64.30 2.42 0.00	50.96 2.06 0.00
HUDSON AVE_GT_5 23657	56.63 2.23 0.00	53.56 2.60 0.00	52.17 2.85 0.00	50.38 2.81 0.00	48.66 2.63 0.00	54.01 2.52 0.00	56.16 2.46 0.00	58.40 2.88 0.00	68.19 3.46 0.00	72.66 3.79 0.00	75.24 4.01 0.00	91.30 5.59 0.00	85.00 6.19 0.00	88.76 7.63 0.00	79.78 5.58 -19.23	115.20 5.73 -50.56	160.02 6.78 -81.77	175.23 13.69 -15.84	120.82 9.56 0.00	111.17 8.18 0.00	63.59 4.16 0.00	77.92 3.67 0.00	64.30 2.42 0.00	50.96 2.06 0.00
HUDSON_AVE_10 24168	56.45 2.05 0.00	53.40 2.44 0.00	52.05 2.72 0.00	50.27 2.69 0.00	48.56 2.53 0.00	53.88 2.39 0.00	56.03 2.33 0.00	58.29 2.77 0.00	68.04 3.32 0.00	72.49 3.62 0.00	75.01 3.78 0.00	91.03 5.26 -0.06	84.69 5.88 0.00	89.08 7.32 -0.62	80.82 5.39 -20.45	116.67 5.53 -52.24	165.28 6.53 -87.28	205.76 13.27 -46.80	121.16 9.19 -0.71	111.30 7.80 -0.51	63.37 3.95 0.00	77.65 3.40 0.00	64.14 2.26 0.00	50.85 1.95 0.00
HUDSON___115KV_TB 4 355613	55.85 1.44 0.00	52.56 1.60 0.00	51.23 1.90 0.00	49.44 1.86 0.00	47.72 1.69 0.00	53.15 1.66 0.00	55.24 1.54 0.00	57.30 1.77 0.00	66.59 1.86 0.00	70.62 1.76 0.00	72.88 1.64 0.00	88.29 2.58 0.00	81.89 3.08 0.00	84.25 3.11 0.00	58.44 2.11 -1.36	63.37 2.49 -1.98	82.18 2.89 -7.82	153.19 6.03 -1.47	116.75 5.50 0.00	108.36 5.38 0.00	62.32 2.90 0.00	77.47 3.23 0.00	63.90 2.02 0.00	50.26 1.37 0.00
HUNTER MOUNT___DRP 323613	56.16 1.75 0.00	52.89 1.92 0.00	51.54 2.21 0.00	49.74 2.17 0.00	48.00 1.97 0.00	53.48 2.00 0.00	55.60 1.90 0.00	57.72 2.19 0.00	67.12 2.39 0.00	71.28 2.41 0.00	73.50 2.26 0.00	88.94 3.23 0.00	82.41 3.60 0.00	84.67 3.53 0.00	60.19 2.41 -2.80	69.48 2.88 -7.70	91.13 3.50 -16.16	155.78 7.06 -3.03	117.41 6.16 0.00	108.98 5.99 0.00	62.72 3.29 0.00	78.00 3.75 0.00	64.30 2.42 0.00	50.52 1.63 0.00
HUNTINGTON_RES_REC 323705	55.69 1.29 0.00	53.41 2.45 0.00	52.82 3.49 0.00	51.18 3.60 0.00	49.16 3.12 0.00	53.94 2.46 0.00	55.39 1.69 0.00	57.35 1.83 0.00	67.35 2.61 0.00	74.32 3.27 -2.19	97.43 3.72 -22.48	553.24 6.01 -461.52	545.74 6.61 -460.32	498.33 8.24 -408.96	409.78 6.26 -348.54	384.52 6.47 -319.14	891.63 7.73 -812.43	1662.06 15.30 -1501.08	400.05 11.07 -277.73	546.84 9.09 -434.76	599.82 4.82 -535.57	614.76 3.89 -536.62	313.89 2.21 -249.80	89.03 1.53 -38.60
HUNTLEY___63 23557	54.56 0.15 0.00	50.29 -0.67 0.00	48.80 -0.53 0.00	46.78 -0.80 0.00	45.34 -0.69 0.00	50.71 -0.78 0.00	52.38 -1.32 0.00	53.38 -2.15 0.00	62.32 -2.40 0.00	66.00 -2.87 0.00	69.03 -2.21 0.00	83.44 -2.26 0.00	77.18 -1.62 0.00	79.20 -1.94 0.00	53.40 -1.58 0.00	56.93 -1.97 0.00	69.55 -1.92 0.00	142.26 -3.43 0.00	109.87 -1.38 0.00	102.14 -0.85 0.00	59.20 -0.22 0.00	72.46 -1.79 0.00	60.06 -1.83 0.00	47.88 -1.02 0.00
HUNTLEY___64 23558	54.56 0.15 0.00	50.29 -0.67 0.00	48.80 -0.53 0.00	46.78 -0.80 0.00	45.34 -0.69 0.00	50.71 -0.78 0.00	52.38 -1.32 0.00	53.38 -2.15 0.00	62.32 -2.40 0.00	66.00 -2.87 0.00	69.03 -2.21 0.00	83.44 -2.26 0.00	77.18 -1.62 0.00	79.20 -1.94 0.00	53.40 -1.58 0.00	56.93 -1.97 0.00	69.55 -1.92 0.00	142.26 -3.43 0.00	109.87 -1.38 0.00	102.14 -0.85 0.00	59.20 -0.22 0.00	72.46 -1.79 0.00	60.06 -1.83 0.00	47.88 -1.02 0.00
HUNTLEY___65 23559	54.56 0.15 0.00	50.29 -0.67 0.00	48.80 -0.53 0.00	46.78 -0.80 0.00	45.34 -0.69 0.00	50.71 -0.78 0.00	52.38 -1.32 0.00	53.38 -2.15 0.00	62.32 -2.40 0.00	66.00 -2.87 0.00	69.03 -2.21 0.00	83.44 -2.26 0.00	77.18 -1.62 0.00	79.20 -1.94 0.00	53.40 -1.58 0.00	56.93 -1.97 0.00	69.55 -1.92 0.00	142.26 -3.43 0.00	109.87 -1.38 0.00	102.14 -0.85 0.00	59.20 -0.22 0.00	72.46 -1.79 0.00	60.06 -1.83 0.00	47.88 -1.02 0.00
HUNTLEY___66 23560	54.56 0.15 0.00	50.29 -0.67 0.00	48.80 -0.53 0.00	46.78 -0.80 0.00	45.34 -0.69 0.00	50.71 -0.78 0.00	52.38 -1.32 0.00	53.38 -2.15 0.00	62.32 -2.40 0.00	66.00 -2.87 0.00	69.03 -2.21 0.00	83.44 -2.26 0.00	77.18 -1.62 0.00	79.20 -1.94 0.00	53.40 -1.58 0.00	56.93 -1.97 0.00	69.55 -1.92 0.00	142.26 -3.43 0.00	109.87 -1.38 0.00	102.14 -0.85 0.00	59.20 -0.22 0.00	72.46 -1.79 0.00	60.06 -1.83 0.00	47.88 -1.02 0.00
HUNTLEY___67 23561	54.14 -0.26 0.00	49.93 -1.03 0.00	48.50 -0.83 0.00	46.49 -1.09 0.00	45.07 -0.97 0.00	50.39 -1.09 0.00	52.09 -1.61 0.00	53.12 -2.40 0.00	62.05 -2.68 0.00	65.74 -3.13 0.00	68.70 -2.53 0.00	83.11 -2.60 0.00	77.03 -1.78 0.00	79.09 -2.05 0.00	53.28 -1.70 0.00	56.82 -2.08 0.00	69.41 -2.06 0.00	141.97 -3.72 0.00	109.59 -1.67 0.00	101.99 -1.00 0.00	59.00 -0.42 0.00	72.41 -1.83 0.00	59.84 -2.05 0.00	47.65 -1.25 0.00
HUNTLEY___68 23562	54.14 -0.26 0.00	49.93 -1.03 0.00	48.50 -0.83 0.00	46.49 -1.09 0.00	45.07 -0.97 0.00	50.39 -1.09 0.00	52.09 -1.61 0.00	53.12 -2.40 0.00	62.05 -2.68 0.00	65.74 -3.13 0.00	68.70 -2.53 0.00	83.11 -2.60 0.00	77.03 -1.78 0.00	79.09 -2.05 0.00	53.28 -1.70 0.00	56.82 -2.08 0.00	69.41 -2.06 0.00	141.97 -3.72 0.00	109.59 -1.67 0.00	101.99 -1.00 0.00	59.00 -0.42 0.00	72.41 -1.83 0.00	59.84 -2.05 0.00	47.65 -1.25 0.00

HYLAND___LFGE 323620	56.82 2.42 0.00	52.36 1.40 0.00	50.80 1.47 0.00	48.73 1.16 0.00	47.27 1.23 0.00	52.96 1.47 0.00	55.37 1.67 0.00	56.89 1.36 0.00	66.26 1.53 0.00	69.86 0.99 0.00	72.27 1.04 0.00	86.82 1.11 0.00	79.56 0.76 0.00	80.99 -0.14 0.00	55.09 0.11 0.00	58.87 -0.04 0.00	72.53 1.05 0.00	148.80 3.11 0.00	114.48 3.23 0.00	107.95 4.96 0.00	62.83 3.40 0.00	77.64 3.40 0.00	63.88 1.99 0.00	50.56 1.67 0.00
INDECK___CORINTH 23802	56.87 2.47 0.00	53.24 2.28 0.00	51.72 2.40 0.00	49.85 2.28 0.00	48.09 2.06 0.00	53.61 2.13 0.00	55.88 2.18 0.00	57.99 2.47 0.00	67.47 2.74 0.00	71.58 2.71 0.00	73.53 2.29 0.00	88.90 3.19 0.00	81.86 3.06 0.00	84.54 3.40 0.00	57.45 2.47 0.00	62.57 2.81 -0.86	74.79 3.32 0.00	152.71 7.02 0.00	118.08 6.83 0.00	109.60 6.61 0.00	62.93 3.51 0.00	78.28 4.04 0.00	64.70 2.82 0.00	50.89 2.00 0.00
INDECK___ILION 23567	55.20 0.80 0.00	51.75 0.78 0.00	50.32 0.99 0.00	48.56 0.98 0.00	46.88 0.84 0.00	52.26 0.77 0.00	54.36 0.66 0.00	56.30 0.77 0.00	65.59 0.86 0.00	69.75 0.88 0.00	72.22 0.98 0.00	87.06 1.36 0.00	79.90 1.10 0.00	82.70 1.56 0.00	56.34 1.36 0.00	60.39 1.48 0.00	73.01 1.53 0.00	149.10 3.42 0.00	114.01 2.76 0.00	106.00 3.01 0.00	61.03 1.61 0.00	76.01 1.76 0.00	62.97 1.08 0.00	49.58 0.68 0.00
INDECK___OLEAN 23982	54.28 -0.12 0.00	50.11 -0.86 0.00	48.70 -0.62 0.00	46.72 -0.85 0.00	45.31 -0.72 0.00	50.72 -0.76 0.00	52.78 -0.91 0.00	54.08 -1.44 0.00	63.23 -1.50 0.00	66.78 -2.09 0.00	69.41 -1.83 0.00	83.60 -2.10 0.00	77.59 -1.21 0.00	80.13 -1.01 0.00	53.95 -1.03 0.00	57.46 -1.44 0.00	70.53 -0.95 0.00	144.16 -1.53 0.00	110.90 -0.36 0.00	104.06 1.07 0.00	59.86 0.44 0.00	73.95 -0.29 0.00	60.82 -1.06 0.00	48.26 -0.64 0.00
INDECK___OSWEGO 23783	53.08 -1.32 0.00	49.79 -1.39 -0.22	48.29 -1.29 -0.26	46.34 -1.23 0.00	44.83 -1.21 0.00	50.09 -1.40 0.00	52.18 -1.52 0.00	53.99 -1.54 0.00	63.66 -1.88 -0.81	68.65 -2.00 -1.78	70.80 -2.07 -1.63	87.98 -2.40 -4.67	78.22 -2.12 -1.54	79.18 -1.95 0.00	53.73 -1.25 0.00	57.51 -1.39 0.00	69.90 -1.57 0.00	142.61 -3.08 0.00	109.13 -2.12 0.00	101.17 -1.81 0.00	58.40 -1.03 0.00	72.75 -1.49 0.00	60.38 -1.51 0.00	47.68 -1.21 0.00
INDECK___YERKES 23781	54.62 0.22 0.00	50.35 -0.61 0.00	48.84 -0.48 0.00	46.83 -0.75 0.00	45.38 -0.65 0.00	50.75 -0.74 0.00	52.43 -1.27 0.00	53.44 -2.08 0.00	62.38 -2.35 0.00	66.07 -2.80 0.00	69.11 -2.12 0.00	83.54 -2.17 0.00	77.27 -1.54 0.00	79.25 -1.89 0.00	53.50 -1.48 0.00	57.00 -1.90 0.00	69.65 -1.82 0.00	142.44 -3.25 0.00	110.00 -1.25 0.00	102.24 -0.74 0.00	59.27 -0.15 0.00	72.53 -1.72 0.00	60.12 -1.77 0.00	47.91 -0.98 0.00
INDIAN POINT_GT_1 24139	56.18 1.77 0.00	53.02 2.05 0.00	51.60 2.27 0.00	49.81 2.24 0.00	48.10 2.06 0.00	53.41 1.92 0.00	55.55 1.85 0.00	57.72 2.19 0.00	67.34 2.61 0.00	71.72 2.85 0.00	74.35 3.12 0.00	90.28 4.57 0.00	84.00 5.19 0.00	87.63 6.50 0.00	122.48 4.83 -62.67	124.21 5.05 -60.26	167.42 5.95 -89.99	179.30 11.99 -21.62	119.76 8.51 0.00	110.19 7.20 0.00	63.09 3.67 0.00	77.52 3.27 0.00	63.93 2.04 0.00	50.57 1.67 0.00
INDIAN POINT_GT_2 23659	56.18 1.77 0.00	53.02 2.05 0.00	51.60 2.27 0.00	49.81 2.24 0.00	48.10 2.06 0.00	53.41 1.92 0.00	55.55 1.85 0.00	57.72 2.19 0.00	67.34 2.61 0.00	71.72 2.85 0.00	74.35 3.12 0.00	90.28 4.57 0.00	84.00 5.19 0.00	87.63 6.50 0.00	122.48 4.83 -62.67	124.21 5.05 -60.26	167.42 5.95 -89.99	179.30 11.99 -21.62	119.76 8.51 0.00	110.19 7.20 0.00	63.09 3.67 0.00	77.52 3.27 0.00	63.93 2.04 0.00	50.57 1.67 0.00
INDIAN POINT_GT_3 24019	56.18 1.77 0.00	53.02 2.05 0.00	51.60 2.27 0.00	49.81 2.24 0.00	48.10 2.06 0.00	53.41 1.92 0.00	55.55 1.85 0.00	57.72 2.19 0.00	67.34 2.61 0.00	71.72 2.85 0.00	74.35 3.12 0.00	90.28 4.57 0.00	84.00 5.19 0.00	87.63 6.50 0.00	122.48 4.83 -62.67	124.21 5.05 -60.26	167.42 5.95 -89.99	179.30 11.99 -21.62	119.76 8.51 0.00	110.19 7.20 0.00	63.09 3.67 0.00	77.52 3.27 0.00	63.93 2.04 0.00	50.57 1.67 0.00
INDIAN POINT___2 23530	56.11 1.70 0.00	52.95 1.99 0.00	51.52 2.19 0.00	49.73 2.16 0.00	48.02 1.98 0.00	53.32 1.84 0.00	55.48 1.78 0.00	57.63 2.10 0.00	67.24 2.51 0.00	71.58 2.71 0.00	74.23 2.99 0.00	90.12 4.41 0.00	83.84 5.04 0.00	87.47 6.34 0.00	57.79 4.71 1.90	107.29 4.93 -43.45	151.04 5.82 -73.74	169.74 11.71 -12.35	119.53 8.28 0.00	109.98 6.99 0.00	62.95 3.53 0.00	77.36 3.11 0.00	63.80 1.92 0.00	50.48 1.59 0.00
INDIAN POINT___3 23531	56.09 1.69 0.00	52.94 1.98 0.00	51.52 2.19 0.00	49.73 2.15 0.00	48.02 1.98 0.00	53.32 1.84 0.00	55.47 1.77 0.00	57.63 2.10 0.00	67.25 2.52 0.00	71.59 2.73 0.00	74.23 2.99 0.00	90.12 4.42 0.00	83.84 5.04 0.00	87.44 6.31 0.00	65.16 4.70 -5.48	110.26 4.93 -46.43	154.66 5.81 -77.39	171.08 11.68 -13.71	119.50 8.24 0.00	109.97 6.98 0.00	62.96 3.54 0.00	77.38 3.14 0.00	63.82 1.94 0.00	50.48 1.58 0.00
INGHAM_C_115KV_TB7 356103	55.80 1.40 0.00	52.32 1.36 0.00	51.08 1.75 0.00	49.29 1.72 0.00	47.51 1.47 0.00	52.82 1.33 0.00	54.80 1.10 0.00	56.78 1.26 0.00	66.14 1.41 0.00	70.28 1.42 0.00	72.85 1.61 0.00	87.81 2.11 0.00	80.23 1.43 0.00	83.35 2.21 0.00	57.09 2.11 0.00	61.20 2.30 0.00	73.63 2.16 0.00	150.74 5.05 0.00	115.58 4.33 0.00	108.10 5.11 0.00	62.17 2.74 0.00	77.32 3.07 0.00	63.82 1.94 0.00	50.06 1.17 0.00
IP CORINTH___1 23988	57.19 2.78 0.00	53.54 2.58 0.00	52.01 2.69 0.00	50.12 2.54 0.00	48.35 2.32 0.00	53.90 2.41 0.00	56.19 2.49 0.00	58.30 2.78 0.00	67.83 3.10 0.00	71.96 3.09 0.00	73.93 2.69 0.00	89.39 3.69 0.00	82.32 3.52 0.00	84.99 3.85 0.00	57.76 2.78 0.00	62.91 3.15 -0.86	75.20 3.73 0.00	153.53 7.84 0.00	118.69 7.44 0.00	110.17 7.18 0.00	63.27 3.85 0.00	78.72 4.48 0.00	65.06 3.18 0.00	51.17 2.27 0.00
IP___TICONDEROGA 23804	59.21 4.81 0.00	55.38 4.41 0.00	53.71 4.39 0.00	51.67 4.09 0.00	49.80 3.77 0.00	55.61 4.13 0.00	58.14 4.44 0.00	60.30 4.78 0.00	69.75 5.02 0.00	73.59 4.73 0.00	75.15 3.92 0.00	91.61 5.90 0.00	84.43 5.62 0.00	87.22 6.09 0.00	59.20 4.22 0.00	64.42 4.62 -0.90	76.03 4.55 0.00	154.46 8.77 0.00	119.25 7.99 0.00	111.66 8.67 0.00	63.78 4.36 0.00	80.23 5.98 0.00	66.66 4.78 0.00	52.48 3.58 0.00
ISLIP_RES_REC 323679	56.79 2.39 0.00	54.33 3.37 0.00	53.61 4.29 0.00	51.90 4.32 0.00	49.88 3.84 0.00	54.84 3.35 0.00	56.37 2.67 0.00	58.39 2.87 0.00	68.71 3.98 0.00	74.34 4.70 -0.77	84.15 5.23 -7.68	261.45 7.76 -167.99	237.38 8.08 -150.49	278.79 9.43 -188.23	299.56 6.97 -237.60	385.29 7.23 -319.16	833.33 8.69 -753.17	1664.85 17.65 -1501.51	329.91 12.82 -205.83	275.74 10.69 -162.06	294.58 5.92 -229.24	277.17 5.51 -197.42	162.23 3.55 -96.80	66.44 2.59 -14.96

JAMAICA__27_KV_LOAD 355505	56.99 2.58 0.00	53.86 2.90 0.00	52.55 3.23 0.00	50.77 3.19 0.00	49.04 3.00 0.00	54.47 2.98 0.00	56.65 2.95 0.00	58.94 3.42 0.00	68.76 4.04 0.00	73.21 4.34 0.00	75.60 4.37 0.00	91.68 5.90 -0.07	85.31 6.51 0.00	89.93 8.02 -0.78	81.62 5.88 -20.75	117.67 6.10 -52.66	167.39 7.26 -88.66	215.26 14.97 -54.59	122.52 10.38 -0.89	112.57 8.95 -0.64	64.02 4.59 0.00	78.35 4.11 0.00	64.84 2.96 0.00	51.37 2.48 0.00
JANIS__SOLAR 323808	57.05 2.65 0.00	53.15 2.14 -0.05	51.67 2.29 -0.05	49.71 2.13 0.00	48.14 2.10 0.00	53.82 2.33 0.00	56.33 2.63 0.00	58.25 2.73 0.00	68.00 3.11 -0.16	72.65 3.42 -0.36	75.04 3.47 -0.33	90.83 4.18 -0.95	82.38 3.26 -0.31	84.70 3.57 0.00	57.18 2.20 0.00	61.15 2.25 0.00	74.81 3.33 0.00	152.78 7.09 0.00	117.36 6.11 0.00	110.30 7.31 0.00	63.78 4.35 0.00	79.31 5.07 0.00	65.41 3.53 0.00	51.44 2.55 0.00
JARVIS____ 23743	54.61 0.21 0.00	51.17 0.21 0.00	49.64 0.31 0.00	47.91 0.34 0.00	46.31 0.28 0.00	51.71 0.23 0.00	53.88 0.18 0.00	55.78 0.25 0.00	65.01 0.28 0.00	69.15 0.28 0.00	71.59 0.35 0.00	86.23 0.52 0.00	79.38 0.57 0.00	81.93 0.80 0.00	55.63 0.64 0.00	59.57 0.66 0.00	72.24 0.77 0.00	147.22 1.53 0.00	112.43 1.18 0.00	104.10 1.11 0.00	59.98 0.56 0.00	74.76 0.51 0.00	62.14 0.25 0.00	49.07 0.17 0.00
JENNISON____1 23625	57.15 2.75 0.00	53.29 2.29 -0.03	51.90 2.54 -0.04	49.99 2.42 0.00	48.37 2.34 0.00	54.05 2.57 0.00	56.41 2.71 0.00	58.32 2.80 0.00	68.25 3.40 -0.12	72.94 3.81 -0.26	75.43 3.96 -0.24	91.60 5.21 -0.68	83.62 4.59 -0.22	86.16 5.03 0.00	58.87 3.30 -0.59	64.32 3.35 -2.07	79.47 4.59 -3.41	156.12 9.79 -0.64	118.89 7.63 0.00	111.06 8.07 0.00	63.92 4.50 0.00	79.46 5.22 0.00	65.50 3.62 0.00	51.55 2.66 0.00
JENNISON____2 23626	57.15 2.75 0.00	53.29 2.29 -0.03	51.90 2.54 -0.04	49.99 2.42 0.00	48.37 2.34 0.00	54.05 2.57 0.00	56.41 2.71 0.00	58.32 2.80 0.00	68.25 3.40 -0.12	72.94 3.81 -0.26	75.43 3.96 -0.24	91.60 5.21 -0.68	83.62 4.59 -0.22	86.16 5.03 0.00	58.87 3.30 -0.59	64.32 3.35 -2.07	79.47 4.59 -3.41	156.12 9.79 -0.64	118.89 7.63 0.00	111.06 8.07 0.00	63.92 4.50 0.00	79.46 5.22 0.00	65.50 3.62 0.00	51.55 2.66 0.00
JERICO_RISE_WT_PWR 323719	53.93 -0.47 0.00	50.63 -0.33 0.00	48.84 -0.49 0.00	47.06 -0.52 0.00	45.62 -0.42 0.00	51.19 -0.30 0.00	53.67 -0.03 0.00	55.17 -0.36 0.00	64.35 -0.38 0.00	68.28 -0.59 0.00	70.43 -0.80 0.00	84.35 -1.35 0.00	77.15 -1.66 0.00	78.54 -2.59 0.00	52.88 -2.10 0.00	56.70 -2.21 0.00	68.83 -2.64 0.00	140.26 -5.43 0.00	107.19 -4.07 0.00	99.44 -3.55 0.00	57.60 -1.82 0.00	72.78 -1.47 0.00	61.41 -0.47 0.00	48.59 -0.30 0.00
KATONAH__115KV_46KV_TB4 355592	56.56 2.16 0.00	53.34 2.38 0.00	51.93 2.61 0.00	50.13 2.55 0.00	48.39 2.36 0.00	53.76 2.27 0.00	55.92 2.22 0.00	58.13 2.61 0.00	67.89 3.16 0.00	72.34 3.47 0.00	75.07 3.84 0.00	91.24 5.53 0.00	84.88 6.08 0.00	88.60 7.46 0.00	78.62 5.46 -18.19	115.80 5.64 -51.26	161.40 6.78 -83.15	175.39 13.73 -15.97	121.09 9.84 0.00	111.39 8.40 0.00	63.75 4.33 0.00	78.32 4.08 0.00	64.54 2.65 0.00	50.97 2.07 0.00
KCE_NY_1 323755	57.18 2.78 0.00	53.55 2.59 0.00	52.05 2.73 0.00	50.30 2.72 0.00	48.50 2.47 0.00	54.03 2.54 0.00	56.23 2.53 0.00	58.34 2.82 0.00	67.96 3.23 0.00	72.23 3.36 0.00	74.66 3.43 0.00	90.12 4.42 0.00	83.07 4.27 0.00	85.92 4.79 0.00	58.33 3.35 0.00	63.57 3.71 -0.95	75.90 4.43 0.00	154.98 9.29 0.00	119.11 7.86 0.00	110.40 7.41 0.00	63.36 3.93 0.00	78.80 4.56 0.00	64.98 3.10 0.00	51.22 2.33 0.00
KCE_NY_6_ESR 323823	54.86 0.45 0.00	50.54 -0.43 0.00	49.06 -0.26 0.00	47.02 -0.56 0.00	45.56 -0.47 0.00	50.98 -0.51 0.00	52.78 -0.93 0.00	53.91 -1.62 0.00	62.98 -1.75 0.00	66.73 -2.14 0.00	69.72 -1.52 0.00	84.39 -1.32 0.00	78.21 -0.60 0.00	80.30 -0.84 0.00	54.13 -0.85 0.00	57.66 -1.24 0.00	70.58 -0.89 0.00	144.24 -1.45 0.00	111.12 -0.13 0.00	103.57 0.58 0.00	59.93 0.51 0.00	73.51 -0.73 0.00	60.68 -1.20 0.00	48.26 -0.64 0.00
KEDC_PORT_JEFF_GT2 24210	56.13 1.72 0.00	53.80 2.83 0.00	53.14 3.82 0.00	51.47 3.89 0.00	49.45 3.42 0.00	54.33 2.85 0.00	55.76 2.06 0.00	57.64 2.11 0.00	67.77 3.04 0.00	73.29 3.55 -0.87	84.51 3.74 -9.53	298.47 5.86 -206.90	272.71 6.38 -187.53	308.63 7.89 -219.60	311.59 5.87 -250.75	384.14 6.12 -319.12	837.19 7.35 -758.37	1661.38 14.89 -1500.79	335.88 10.71 -213.92	308.57 8.67 -196.91	337.00 4.78 -272.80	321.84 3.99 -243.61	182.84 2.41 -118.55	68.97 1.76 -18.32
KEDC_PORT_JEFF_GT3 24211	56.13 1.72 0.00	53.80 2.83 0.00	53.14 3.82 0.00	51.47 3.89 0.00	49.45 3.42 0.00	54.33 2.85 0.00	55.76 2.06 0.00	57.64 2.11 0.00	67.77 3.04 0.00	73.29 3.55 -0.87	84.51 3.74 -9.53	298.47 5.86 -206.90	272.71 6.38 -187.53	308.63 7.89 -219.60	311.59 5.87 -250.75	384.14 6.12 -319.12	837.19 7.35 -758.37	1661.38 14.89 -1500.79	335.88 10.71 -213.92	308.57 8.67 -196.91	337.00 4.78 -272.80	321.84 3.99 -243.61	182.84 2.41 -118.55	68.97 1.76 -18.32
KEDC_GLWD_GT4 24219	56.60 2.20 0.00	53.68 2.71 0.00	52.47 3.15 0.00	50.67 3.09 0.00	48.82 2.79 0.00	54.02 2.54 0.00	56.02 2.31 0.00	58.22 2.70 0.00	68.08 3.35 0.00	72.50 3.63 0.00	75.15 3.92 0.00	95.23 5.83 -3.70	89.75 6.44 -4.50	138.27 7.95 -49.19	249.80 5.88 -188.94	386.88 6.15 -321.83	826.70 7.27 -747.95	1711.19 14.64 -1550.86	300.24 10.40 -178.59	134.86 8.64 -23.23	99.41 4.54 -35.45	78.40 4.15 0.00	64.42 2.54 0.00	50.73 1.83 0.00
KEDC_GLWD_GT5 24220	56.60 2.20 0.00	53.68 2.71 0.00	52.47 3.15 0.00	50.67 3.09 0.00	48.82 2.79 0.00	54.02 2.54 0.00	56.02 2.31 0.00	58.22 2.70 0.00	68.08 3.35 0.00	72.50 3.63 0.00	75.15 3.92 0.00	95.23 5.83 -3.70	89.75 6.44 -4.50	138.27 7.95 -49.19	249.80 5.88 -188.94	386.88 6.15 -321.83	826.70 7.27 -747.95	1711.19 14.64 -1550.86	300.24 10.40 -178.59	134.86 8.64 -23.23	99.41 4.54 -35.45	78.40 4.15 0.00	64.42 2.54 0.00	50.73 1.83 0.00
KENSICO____ 23655	56.33 1.92 0.00	53.19 2.23 0.00	51.79 2.46 0.00	50.00 2.43 0.00	48.27 2.23 0.00	53.58 2.10 0.00	55.72 2.02 0.00	57.91 2.39 0.00	67.60 2.87 0.00	72.00 3.13 0.00	74.64 3.41 0.00	90.63 4.92 0.00	84.32 5.51 0.00	87.99 6.85 0.00	79.77 5.06 -19.72	114.71 5.28 -50.52	159.36 6.27 -81.62	174.18 12.62 -15.86	120.16 8.91 0.00	110.58 7.59 0.00	63.30 3.87 0.00	77.75 3.50 0.00	64.11 2.22 0.00	50.70 1.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	56.94 2.53 0.00	53.49 2.52 0.00	51.97 2.65 0.00	50.16 2.59 0.00	48.41 2.37 0.00	53.81 2.32 0.00	56.02 2.32 0.00	58.26 2.73 0.00	67.90 3.17 0.00	72.26 3.39 0.00	74.94 3.71 0.00	91.21 5.50 0.00	85.00 6.20 0.00	88.32 7.18 0.00	71.17 5.23 -10.96	102.98 5.60 -38.48	141.75 7.06 -63.21	172.51 14.97 -11.85	121.80 10.55 0.00	112.13 9.15 0.00	64.21 4.79 0.00	78.96 4.71 0.00	65.01 3.13 0.00	51.25 2.35 0.00

KIAC_JFK_GT1 23816	56.52 2.12 0.00	53.45 2.49 0.00	52.16 2.83 0.00	50.39 2.82 0.00	48.67 2.63 0.00	54.06 2.57 0.00	56.22 2.52 0.00	58.49 2.97 0.00	68.24 3.51 0.00	72.65 3.79 0.00	75.02 3.79 0.00	90.97 5.19 -0.07	84.66 5.86 0.00	89.24 7.32 -0.78	81.13 5.40 -20.75	117.14 5.57 -52.66	166.74 6.60 -88.66	213.85 13.57 -54.59	121.44 9.30 -0.89	111.57 7.94 -0.64	63.44 4.02 0.00	77.69 3.45 0.00	64.28 2.40 0.00	50.94 2.05 0.00
KIAC_JFK_GT2 23817	56.52 2.12 0.00	53.45 2.49 0.00	52.16 2.83 0.00	50.39 2.82 0.00	48.67 2.63 0.00	54.06 2.57 0.00	56.22 2.52 0.00	58.49 2.97 0.00	68.24 3.51 0.00	72.65 3.79 0.00	75.02 3.79 0.00	90.97 5.19 -0.07	84.66 5.86 0.00	89.24 7.32 -0.78	81.13 5.40 -20.75	117.14 5.57 -52.66	166.74 6.60 -88.66	213.85 13.57 -54.59	121.44 9.30 -0.89	111.57 7.94 -0.64	63.44 4.02 0.00	77.69 3.45 0.00	64.28 2.40 0.00	50.94 2.05 0.00
KIAC_JFK____ 323774	56.52 2.12 0.00	53.45 2.49 0.00	52.15 2.83 0.00	50.38 2.81 0.00	48.67 2.63 0.00	54.06 2.58 0.00	56.22 2.52 0.00	58.48 2.96 0.00	68.24 3.51 0.00	72.65 3.78 0.00	75.02 3.79 0.00	90.97 5.19 -0.07	84.66 5.85 0.00	89.23 7.32 -0.78	81.12 5.39 -20.75	117.14 5.58 -52.66	166.73 6.60 -88.66	213.85 13.56 -54.59	121.43 9.29 -0.89	111.58 7.95 -0.64	63.45 4.02 0.00	77.69 3.45 0.00	64.28 2.40 0.00	50.94 2.05 0.00
KINTIGH__24_KV_GSU 356498	54.10 -0.30 0.00	50.04 -0.93 0.00	48.56 -0.76 0.00	46.63 -0.94 0.00	45.20 -0.84 0.00	50.52 -0.96 0.00	52.30 -1.41 0.00	53.47 -2.06 0.00	62.44 -2.29 0.00	66.19 -2.68 0.00	69.06 -2.17 0.00	83.45 -2.26 0.00	77.26 -1.54 0.00	79.40 -1.73 0.00	53.58 -1.41 0.00	57.20 -1.71 0.00	69.24 -2.24 0.00	141.53 -4.16 0.00	109.16 -2.10 0.00	101.45 -1.54 0.00	58.89 -0.53 0.00	72.74 -1.50 0.00	60.18 -1.71 0.00	47.83 -1.06 0.00
KINTIGH____ 23543	54.07 -0.33 0.00	50.00 -0.96 0.00	48.53 -0.79 0.00	46.59 -0.99 0.00	45.16 -0.88 0.00	50.48 -1.00 0.00	52.24 -1.46 0.00	53.40 -2.13 0.00	62.37 -2.36 0.00	66.11 -2.76 0.00	69.01 -2.23 0.00	83.39 -2.31 0.00	77.21 -1.60 0.00	79.36 -1.77 0.00	53.49 -1.49 0.00	57.15 -1.76 0.00	69.28 -2.20 0.00	141.67 -4.02 0.00	109.27 -1.98 0.00	101.56 -1.42 0.00	58.89 -0.54 0.00	72.69 -1.56 0.00	60.13 -1.76 0.00	47.80 -1.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	54.02 -0.38 0.00	50.82 -0.15 0.00	49.22 -0.10 0.00	47.44 -0.14 0.00	45.94 -0.10 0.00	51.35 -0.13 0.00	53.92 0.22 0.00	55.29 -0.24 0.00	64.37 -0.36 0.00	68.15 -0.73 0.00	70.27 -0.96 0.00	84.41 -1.29 0.00	77.15 -1.66 0.00	78.53 -2.60 0.00	52.93 -2.05 0.00	56.69 -2.21 0.00	68.77 -2.70 0.00	140.34 -5.35 0.00	107.46 -3.79 0.00	99.98 -3.01 0.00	57.86 -1.57 0.00	73.11 -1.13 0.00	61.64 -0.24 0.00	48.67 -0.23 0.00
LACHUTE____HYDRO 323717	59.21 4.81 0.00	55.37 4.41 0.00	53.71 4.39 0.00	51.66 4.09 0.00	49.80 3.76 0.00	55.61 4.13 0.00	58.14 4.44 0.00	60.30 4.78 0.00	69.75 5.02 0.00	73.59 4.72 0.00	75.15 3.92 0.00	91.61 5.90 0.00	84.43 5.62 0.00	87.21 6.08 0.00	59.20 4.22 0.00	64.42 4.62 -0.90	76.02 4.55 0.00	154.46 8.77 0.00	119.25 7.99 0.00	111.66 8.67 0.00	63.78 4.36 0.00	80.22 5.98 0.00	66.66 4.78 0.00	52.48 3.58 0.00
LAWRNCALV_115KV_TB1 80681	54.94 0.53 0.00	51.47 0.50 0.00	49.46 0.14 0.00	47.61 0.03 0.00	46.19 0.16 0.00	52.11 0.63 0.00	54.60 0.90 0.00	56.09 0.57 0.00	65.22 0.49 0.00	69.11 0.24 0.00	70.76 -0.48 0.00	84.28 -1.43 0.00	76.96 -1.85 0.00	77.39 -3.74 0.00	52.32 -2.66 0.00	55.98 -2.93 0.00	67.97 -3.50 0.00	138.60 -7.09 0.00	106.03 -5.22 0.00	98.13 -4.86 0.00	57.19 -2.23 0.00	73.31 -0.94 0.00	61.90 0.02 0.00	49.22 0.33 0.00
LEDERLE____ 23769	56.42 2.02 0.00	53.18 2.22 0.00	51.71 2.39 0.00	49.91 2.33 0.00	48.19 2.15 0.00	53.53 2.05 0.00	55.72 2.03 0.00	57.90 2.38 0.00	67.58 2.86 0.00	71.98 3.11 0.00	74.70 3.46 0.00	90.75 5.04 0.00	84.46 5.66 0.00	88.13 7.00 0.00	64.54 5.17 -4.39	108.37 5.44 -44.03	151.63 6.51 -73.65	171.74 13.08 -12.96	120.48 9.22 0.00	110.80 7.82 0.00	63.40 3.98 0.00	77.90 3.66 0.00	64.21 2.33 0.00	50.77 1.87 0.00
LIGHTHSE_115KV_TB6 355974	55.02 0.62 0.00	51.39 0.32 -0.11	49.77 0.31 -0.13	47.85 0.27 0.00	46.30 0.27 0.00	51.78 0.30 0.00	54.06 0.36 0.00	55.83 0.31 0.00	65.47 0.34 -0.41	69.93 0.16 -0.89	71.98 -0.07 -0.82	87.86 -0.19 -2.35	79.36 -0.22 -0.77	81.00 -0.13 0.00	54.97 -0.01 0.00	58.64 -0.27 0.00	71.15 -0.32 0.00	145.49 -0.20 0.00	111.72 0.47 0.00	103.54 0.56 0.00	60.25 0.83 0.00	75.28 1.03 0.00	62.47 0.59 0.00	49.31 0.41 0.00
LINDEN COGEN____ 23786	56.14 1.73 0.00	53.10 2.13 0.00	51.72 2.40 0.00	49.96 2.38 0.00	48.28 2.25 0.00	53.53 2.05 0.00	55.67 1.97 0.00	56.53 2.31 1.31	65.57 2.80 1.96	70.70 3.05 1.23	74.50 3.26 0.00	90.36 4.65 0.00	84.16 5.35 0.00	87.89 6.76 0.00	79.17 4.96 -19.23	114.52 5.06 -50.56	129.01 5.94 -51.60	169.26 11.96 -11.61	105.77 8.29 13.77	98.82 6.97 11.14	60.62 3.50 2.30	69.15 2.86 7.95	63.53 1.76 0.12	50.53 1.64 0.00
LINDHRST_69_KV_BK1 356055	56.71 2.31 0.00	54.11 3.14 0.00	53.26 3.94 0.00	51.50 3.92 0.00	49.51 3.47 0.00	54.48 2.99 0.00	56.17 2.47 0.00	58.30 2.77 0.00	68.45 3.72 0.00	73.37 4.34 -0.16	76.73 4.83 -0.66	109.50 7.18 -16.62	101.49 7.61 -15.07	151.32 9.24 -60.93	252.69 6.80 -190.91	385.69 7.28 -319.52	820.52 8.68 -740.37	1671.63 17.68 -1508.26	303.42 12.90 -179.27	147.15 10.78 -33.38	118.13 5.76 -52.94	96.33 5.18 -16.90	73.89 3.27 -8.74	52.65 2.40 -1.35
LIPA_MISC_IPP 23656	56.20 1.80 0.00	53.79 2.83 0.00	53.13 3.80 0.00	51.47 3.90 0.00	49.47 3.44 0.00	54.41 2.92 0.00	55.93 2.23 0.00	57.88 2.36 0.00	68.10 3.37 0.00	73.48 3.96 -0.64	83.19 4.36 -7.59	261.88 6.54 -169.63	231.35 6.77 -145.77	282.34 8.37 -192.84	297.07 6.12 -235.97	384.47 6.46 -319.10	828.50 7.41 -749.62	1661.10 14.91 -1500.51	326.36 10.96 -204.14	274.61 9.54 -162.08	300.23 5.15 -235.66	280.22 4.41 -201.56	164.71 2.82 -100.00	66.50 2.16 -15.45
LISF____SOLAR 323691	56.41 2.01 0.00	53.96 2.99 0.00	53.28 3.96 0.00	51.61 4.04 0.00	49.62 3.59 0.00	54.58 3.09 0.00	56.10 2.41 0.00	58.07 2.54 0.00	68.32 3.59 0.00	73.75 4.20 -0.68	83.61 4.58 -7.79	265.49 6.77 -173.01	236.07 7.05 -150.21	284.71 8.66 -194.92	298.76 6.31 -237.48	384.71 6.70 -319.11	829.93 7.75 -750.72	1661.98 15.67 -1500.62	327.96 11.52 -205.19	278.33 10.10 -165.24	303.42 5.45 -238.55	284.08 4.76 -205.07	166.44 3.11 -101.45	66.93 2.36 -15.68
LITTLE FALLS____HYD 24013	55.80 1.40 0.00	52.32 1.36 0.00	51.08 1.75 0.00	49.29 1.72 0.00	47.51 1.47 0.00	52.82 1.33 0.00	54.80 1.10 0.00	56.78 1.26 0.00	66.14 1.41 0.00	70.28 1.42 0.00	72.85 1.61 0.00	87.81 2.11 0.00	80.23 1.43 0.00	83.35 2.21 0.00	57.09 2.11 0.00	61.20 2.30 0.00	73.63 2.16 0.00	150.74 5.05 0.00	115.58 4.33 0.00	108.10 5.11 0.00	62.17 2.74 0.00	77.32 3.07 0.00	63.82 1.94 0.00	50.06 1.17 0.00

LITTLRIV_115KV_TB1 356100	55.89 1.48 0.00	52.33 1.36 0.00	50.26 0.93 0.00	48.37 0.79 0.00	46.94 0.90 0.00	53.00 1.51 0.00	55.59 1.89 0.00	57.00 1.48 0.00	66.27 1.55 0.00	70.14 1.27 0.00	71.75 0.52 0.00	85.42 -0.29 0.00	77.73 -1.07 0.00	78.25 -2.88 0.00	53.01 -1.97 0.00	56.84 -2.07 0.00	69.02 -2.45 0.00	140.80 -4.89 0.00	107.88 -3.37 0.00	99.97 -3.02 0.00	58.31 -1.11 0.00	74.73 0.49 0.00	63.08 1.20 0.00	50.09 1.19 0.00
LI_NEWBRDGE___DRP 323616	55.80 1.40 0.00	53.20 2.23 0.00	52.26 2.93 0.00	50.51 2.94 0.00	48.60 2.56 0.00	53.55 2.06 0.00	55.31 1.61 0.00	57.41 1.89 0.00	67.24 2.52 0.00	71.83 2.96 0.00	74.55 3.32 0.00	91.26 5.24 -0.32	85.38 5.77 -0.80	136.68 7.24 -48.31	247.49 5.42 -187.09	383.02 5.72 -318.40	816.08 6.69 -737.92	1646.69 13.53 -1487.48	297.62 9.67 -176.70	133.05 7.94 -22.12	99.00 4.13 -35.45	77.59 3.34 0.00	63.82 1.94 0.00	50.34 1.45 0.00
LOCKPORT_115KV_TB60_63_64 80432	54.15 -0.26 0.00	49.98 -0.98 0.00	48.52 -0.81 0.00	46.52 -1.05 0.00	45.10 -0.94 0.00	50.43 -1.06 0.00	52.00 -1.70 0.00	52.82 -2.71 0.00	61.76 -2.97 0.00	65.43 -3.43 0.00	68.28 -2.95 0.00	82.51 -3.20 0.00	76.30 -2.51 0.00	78.20 -2.94 0.00	52.77 -2.21 0.00	56.30 -2.60 0.00	68.76 -2.71 0.00	140.61 -5.08 0.00	108.68 -2.57 0.00	100.94 -2.04 0.00	58.57 -0.85 0.00	71.74 -2.50 0.00	59.36 -2.52 0.00	47.45 -1.45 0.00
LOCKPORT___CC1 323769	53.92 -0.48 0.00	49.80 -1.17 0.00	48.34 -0.99 0.00	46.35 -1.22 0.00	44.93 -1.10 0.00	50.23 -1.26 0.00	51.82 -1.88 0.00	52.68 -2.85 0.00	61.57 -3.16 0.00	65.18 -3.69 0.00	68.00 -3.24 0.00	82.17 -3.53 0.00	76.01 -2.80 0.00	77.87 -3.26 0.00	52.58 -2.40 0.00	56.06 -2.84 0.00	68.45 -3.02 0.00	139.98 -5.71 0.00	108.17 -3.09 0.00	100.49 -2.50 0.00	58.32 -1.11 0.00	71.43 -2.81 0.00	59.14 -2.75 0.00	47.23 -1.66 0.00
LOCKPORT___CC2 323770	53.92 -0.48 0.00	49.80 -1.17 0.00	48.34 -0.99 0.00	46.35 -1.22 0.00	44.93 -1.10 0.00	50.23 -1.26 0.00	51.82 -1.88 0.00	52.68 -2.85 0.00	61.57 -3.16 0.00	65.18 -3.69 0.00	68.00 -3.24 0.00	82.17 -3.53 0.00	76.01 -2.80 0.00	77.87 -3.26 0.00	52.58 -2.40 0.00	56.06 -2.84 0.00	68.45 -3.02 0.00	139.98 -5.71 0.00	108.17 -3.09 0.00	100.49 -2.50 0.00	58.32 -1.11 0.00	71.43 -2.81 0.00	59.14 -2.75 0.00	47.23 -1.66 0.00
LOCKPORT___CC3 323771	53.92 -0.48 0.00	49.80 -1.17 0.00	48.34 -0.99 0.00	46.35 -1.22 0.00	44.93 -1.10 0.00	50.23 -1.26 0.00	51.82 -1.88 0.00	52.68 -2.85 0.00	61.57 -3.16 0.00	65.18 -3.69 0.00	68.00 -3.24 0.00	82.17 -3.53 0.00	76.01 -2.80 0.00	77.87 -3.26 0.00	52.58 -2.40 0.00	56.06 -2.84 0.00	68.45 -3.02 0.00	139.98 -5.71 0.00	108.17 -3.09 0.00	100.49 -2.50 0.00	58.32 -1.11 0.00	71.43 -2.81 0.00	59.14 -2.75 0.00	47.23 -1.66 0.00
LOCUSVLY_69_KV_BK2 55797	56.54 2.14 0.00	53.79 2.82 0.00	52.73 3.41 0.00	50.93 3.35 0.00	49.00 2.96 0.00	54.09 2.60 0.00	55.97 2.27 0.00	58.15 2.62 0.00	68.16 3.43 0.00	72.80 3.93 0.00	75.62 4.39 0.00	95.39 6.63 -3.05	89.77 7.16 -3.81	138.76 8.78 -48.85	249.75 6.51 -188.26	386.51 6.83 -320.77	824.15 8.02 -744.66	1693.24 16.14 -1531.41	300.88 11.56 -178.06	135.43 9.54 -22.90	99.89 5.01 -35.45	78.71 4.47 0.00	64.62 2.74 0.00	50.92 2.02 0.00
LONG_LAKE_PHOENIX 24014	53.71 -0.69 0.00	50.25 -0.88 -0.17	48.77 -0.76 -0.20	46.85 -0.73 0.00	45.33 -0.71 0.00	50.64 -0.85 0.00	52.76 -0.94 0.00	54.60 -0.92 0.00	64.23 -1.12 -0.62	69.05 -1.17 -1.35	71.29 -1.19 -1.24	87.99 -1.27 -3.55	78.89 -1.09 -1.17	80.36 -0.77 0.00	54.51 -0.47 0.00	58.33 -0.57 0.00	70.97 -0.51 0.00	144.74 -0.94 0.00	110.76 -0.49 0.00	102.68 -0.31 0.00	59.17 -0.25 0.00	73.66 -0.58 0.00	61.08 -0.81 0.00	48.22 -0.67 0.00
LOVETT___3 23632	56.00 1.60 0.00	52.84 1.88 0.00	51.42 2.09 0.00	49.63 2.05 0.00	47.91 1.88 0.00	53.22 1.73 0.00	55.36 1.66 0.00	57.51 1.99 0.00	67.09 2.36 0.00	71.44 2.57 0.00	74.08 2.85 0.00	89.92 4.21 0.00	83.67 4.86 0.00	87.29 6.15 0.00	64.13 4.60 -4.55	108.40 4.81 -44.68	151.75 5.67 -74.61	170.23 11.40 -13.14	119.26 8.01 0.00	109.74 6.75 0.00	62.83 3.40 0.00	77.19 2.95 0.00	63.68 1.80 0.00	50.39 1.49 0.00
LOVETT___4 23642	56.00 1.60 0.00	52.84 1.88 0.00	51.42 2.09 0.00	49.63 2.05 0.00	47.91 1.88 0.00	53.22 1.73 0.00	55.36 1.66 0.00	57.51 1.99 0.00	67.09 2.36 0.00	71.44 2.57 0.00	74.08 2.85 0.00	89.92 4.21 0.00	83.67 4.86 0.00	87.29 6.15 0.00	64.13 4.60 -4.55	108.40 4.81 -44.68	151.75 5.67 -74.61	170.23 11.40 -13.14	119.26 8.01 0.00	109.74 6.75 0.00	62.83 3.40 0.00	77.19 2.95 0.00	63.68 1.80 0.00	50.39 1.49 0.00
LOVETT___5 23593	56.00 1.60 0.00	52.84 1.88 0.00	51.42 2.09 0.00	49.63 2.05 0.00	47.91 1.88 0.00	53.22 1.73 0.00	55.36 1.66 0.00	57.51 1.99 0.00	67.09 2.36 0.00	71.44 2.57 0.00	74.08 2.85 0.00	89.92 4.21 0.00	83.67 4.86 0.00	87.29 6.15 0.00	64.13 4.60 -4.55	108.40 4.81 -44.68	151.75 5.67 -74.61	170.23 11.40 -13.14	119.26 8.01 0.00	109.74 6.75 0.00	62.83 3.40 0.00	77.19 2.95 0.00	63.68 1.80 0.00	50.39 1.49 0.00
LOWER RAQUET___HYD 24057	55.02 0.62 0.00	51.56 0.59 -0.02	49.54 0.20 -0.02	47.68 0.10 0.00	46.25 0.22 0.00	52.17 0.69 0.00	54.69 0.99 0.00	56.16 0.63 0.00	65.33 0.55 -0.05	69.22 0.23 -0.11	70.72 -0.62 -0.11	84.36 -1.65 -0.30	76.82 -2.08 -0.10	77.20 -3.93 0.00	52.17 -2.81 0.00	55.76 -3.14 0.00	67.72 -3.75 0.00	138.12 -7.57 0.00	105.72 -5.53 0.00	97.91 -5.08 0.00	57.10 -2.32 0.00	73.25 -1.00 0.00	61.90 0.01 0.00	49.25 0.35 0.00
LOWER___HUDSON 24059	56.09 1.69 0.00	52.68 1.72 0.00	51.32 2.00 0.00	49.50 1.92 0.00	47.78 1.74 0.00	53.22 1.73 0.00	55.26 1.56 0.00	57.39 1.87 0.00	66.79 2.06 0.00	71.05 2.18 0.00	73.54 2.31 0.00	88.92 3.21 0.00	82.16 3.36 0.00	85.00 3.87 0.00	58.58 2.84 -0.76	66.33 3.16 -4.27	79.39 3.50 -4.41	153.79 7.28 -0.83	117.32 6.07 0.00	108.45 5.46 0.00	62.24 2.81 0.00	77.40 3.16 0.00	63.97 2.09 0.00	50.41 1.52 0.00
LOWVILLE_115KV_TB2 356335	57.16 2.76 0.00	53.33 2.34 -0.03	51.58 2.21 -0.04	49.65 2.07 0.00	48.02 1.99 0.00	53.84 2.35 0.00	56.34 2.64 0.00	58.10 2.57 0.00	67.83 2.97 -0.12	71.76 2.62 -0.27	73.44 1.96 -0.25	88.32 1.90 -0.71	80.55 1.51 -0.23	82.36 1.22 0.00	55.83 0.85 0.00	59.52 0.62 0.00	72.44 0.96 0.00	148.43 2.74 0.00	113.97 2.72 0.00	105.88 2.89 0.00	62.09 2.67 0.00	78.00 3.75 0.00	64.82 2.94 0.00	51.11 2.22 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	57.12 2.72 0.00	53.52 2.56 0.00	52.05 2.72 0.00	50.22 2.64 0.00	48.46 2.42 0.00	53.98 2.50 0.00	56.18 2.48 0.00	58.28 2.75 0.00	67.84 3.11 0.00	72.10 3.24 0.00	74.52 3.28 0.00	89.98 4.27 0.00	82.97 4.16 0.00	85.78 4.64 0.00	58.27 3.29 0.00	63.51 3.66 -0.95	75.81 4.34 0.00	154.80 9.11 0.00	118.96 7.70 0.00	110.23 7.24 0.00	63.31 3.89 0.00	78.70 4.46 0.00	65.02 3.13 0.00	51.20 2.30 0.00

LUTHERNY_35_KV_BK2 355980	57.18 2.78 0.00	53.55 2.59 0.00	52.05 2.73 0.00	50.30 2.72 0.00	48.50 2.47 0.00	54.03 2.54 0.00	56.23 2.53 0.00	58.34 2.82 0.00	67.96 3.24 0.00	72.23 3.36 0.00	74.66 3.42 0.00	90.10 4.40 0.00	83.08 4.27 0.00	85.92 4.79 0.00	58.33 3.35 0.00	63.57 3.71 -0.95	75.89 4.42 0.00	154.97 9.28 0.00	119.11 7.86 0.00	110.40 7.41 0.00	63.35 3.93 0.00	78.80 4.55 0.00	64.99 3.10 0.00	51.22 2.33 0.00
LWR___OSWEGATCHIE_HYD 23850	56.12 1.71 0.00	52.46 1.47 -0.03	50.57 1.21 -0.03	48.66 1.08 0.00	47.14 1.10 0.00	52.94 1.46 0.00	55.44 1.74 0.00	57.04 1.52 0.00	66.47 1.64 -0.10	70.34 1.24 -0.23	71.86 0.41 -0.21	86.07 -0.24 -0.61	78.34 -0.66 -0.20	79.44 -1.69 0.00	53.75 -1.22 0.00	57.33 -1.58 0.00	69.66 -1.81 0.00	142.44 -3.25 0.00	109.29 -1.96 0.00	101.34 -1.65 0.00	59.50 0.07 0.00	75.50 1.26 0.00	63.20 1.32 0.00	50.04 1.14 0.00
LYONS_FALL_HYD 23570	56.72 2.32 0.00	52.98 1.99 -0.03	51.27 1.92 -0.03	49.39 1.82 0.00	47.76 1.73 0.00	53.48 2.00 0.00	55.91 2.21 0.00	57.76 2.23 0.00	67.43 2.61 -0.09	71.48 2.41 -0.20	73.49 2.08 -0.18	88.46 2.23 -0.52	80.91 1.93 -0.17	83.00 1.86 0.00	56.28 1.30 0.00	60.07 1.17 0.00	73.08 1.61 0.00	149.48 3.79 0.00	114.59 3.34 0.00	106.49 3.50 0.00	62.04 2.61 0.00	77.63 3.38 0.00	64.45 2.57 0.00	50.80 1.90 0.00
MADISON___COUNTY_LFGE 323628	56.46 2.05 0.00	52.72 1.73 -0.03	51.11 1.75 -0.03	49.25 1.67 0.00	47.61 1.57 0.00	53.23 1.75 0.00	55.61 1.91 0.00	57.51 1.98 0.00	67.23 2.40 -0.10	71.49 2.40 -0.22	73.98 2.54 -0.20	89.25 2.96 -0.59	81.82 2.82 -0.19	84.18 3.05 0.00	57.20 2.22 0.00	61.05 2.14 0.00	74.32 2.85 0.00	151.84 6.16 0.00	116.17 4.91 0.00	108.05 5.06 0.00	62.38 2.96 0.00	77.60 3.36 0.00	64.26 2.38 0.00	50.60 1.70 0.00
MALONE___115KV_TB1 356076	54.87 0.46 0.00	51.42 0.45 0.00	49.54 0.21 0.00	47.69 0.11 0.00	46.23 0.20 0.00	51.97 0.49 0.00	54.52 0.82 0.00	56.05 0.53 0.00	65.40 0.67 0.00	69.31 0.44 0.00	71.29 0.05 0.00	85.20 -0.51 0.00	77.82 -0.98 0.00	79.05 -2.09 0.00	53.29 -1.69 0.00	57.12 -1.79 0.00	69.33 -2.14 0.00	141.43 -4.26 0.00	108.19 -3.07 0.00	100.46 -2.53 0.00	58.29 -1.13 0.00	73.88 -0.37 0.00	62.29 0.41 0.00	49.30 0.40 0.00
MAPLEWOD_115KV_TB3 80458	55.76 1.36 0.00	52.43 1.46 0.00	51.07 1.75 0.00	49.28 1.71 0.00	47.57 1.53 0.00	52.96 1.48 0.00	55.02 1.32 0.00	57.17 1.64 0.00	66.57 1.84 0.00	70.86 2.00 0.00	73.37 2.14 0.00	88.69 2.99 0.00	81.96 3.15 0.00	84.79 3.66 0.00	57.74 2.75 0.00	63.68 3.05 -1.72	74.93 3.46 0.00	152.89 7.20 0.00	117.04 5.79 0.00	108.09 5.10 0.00	62.05 2.63 0.00	77.05 2.80 0.00	63.68 1.80 0.00	50.16 1.27 0.00
MAPLE_RIDGE_WT_1 323574	54.34 -0.06 0.00	50.91 -0.06 0.00	49.24 -0.08 0.00	47.48 -0.09 0.00	45.96 -0.07 0.00	51.47 -0.01 0.00	53.69 0.00 0.00	55.47 -0.05 0.00	64.68 -0.05 0.00	68.78 -0.09 0.00	71.08 -0.15 0.00	85.46 -0.25 0.00	78.55 -0.26 0.00	80.72 -0.42 0.00	54.62 -0.36 0.00	58.55 -0.35 0.00	71.05 -0.43 0.00	144.76 -0.93 0.00	110.57 -0.68 0.00	102.38 -0.61 0.00	59.12 -0.30 0.00	74.00 -0.25 0.00	61.79 -0.09 0.00	48.86 -0.03 0.00
MAPLE_RIDGE_WT_2 323611	54.34 -0.06 0.00	50.91 -0.06 0.00	49.24 -0.08 0.00	47.48 -0.09 0.00	45.96 -0.07 0.00	51.47 -0.01 0.00	53.69 0.00 0.00	55.47 -0.05 0.00	64.68 -0.05 0.00	68.78 -0.09 0.00	71.08 -0.15 0.00	85.46 -0.25 0.00	78.55 -0.26 0.00	80.72 -0.42 0.00	54.62 -0.36 0.00	58.55 -0.35 0.00	71.05 -0.43 0.00	144.76 -0.93 0.00	110.57 -0.68 0.00	102.38 -0.61 0.00	59.12 -0.30 0.00	74.00 -0.25 0.00	61.79 -0.09 0.00	48.86 -0.03 0.00
MARBLE_RIVER_WT_PWR 323696	53.86 -0.54 0.00	50.60 -0.36 0.00	48.87 -0.45 0.00	47.11 -0.47 0.00	45.65 -0.38 0.00	51.17 -0.32 0.00	53.64 -0.06 0.00	55.11 -0.41 0.00	64.27 -0.46 0.00	68.19 -0.68 0.00	70.31 -0.92 0.00	84.33 -1.38 0.00	77.13 -1.67 0.00	78.53 -2.61 0.00	52.91 -2.07 0.00	56.70 -2.20 0.00	68.82 -2.65 0.00	140.27 -5.42 0.00	107.25 -4.01 0.00	99.52 -3.47 0.00	57.59 -1.84 0.00	72.75 -1.49 0.00	61.34 -0.54 0.00	48.52 -0.37 0.00
MARSHVLE_115KV_TB1 80742	57.93 3.53 0.00	54.09 3.13 0.00	52.28 2.95 0.00	50.39 2.82 0.00	48.72 2.68 0.00	54.56 3.08 0.00	57.07 3.37 0.00	58.59 3.06 0.00	68.27 3.55 0.00	72.39 3.53 0.00	75.20 3.97 0.00	90.07 4.36 0.00	81.98 3.18 0.00	84.30 3.17 0.00	56.92 1.94 0.00	61.61 2.27 -0.44	73.97 2.50 0.00	150.90 5.21 0.00	115.37 4.12 0.00	108.48 5.49 0.00	63.31 3.88 0.00	78.96 4.72 0.00	65.92 4.04 0.00	52.08 3.18 0.00
MARSH_HILL_WT_PWR 323713	55.89 1.48 0.00	51.49 0.51 -0.02	50.09 0.74 -0.03	48.10 0.52 0.00	46.61 0.58 0.00	52.19 0.71 0.00	54.42 0.72 0.00	55.76 0.23 0.00	65.22 0.41 -0.08	69.01 -0.04 -0.17	71.61 0.22 -0.16	86.59 0.43 -0.45	79.54 0.58 -0.15	81.69 0.55 0.00	55.51 0.53 0.00	59.23 0.33 0.00	72.50 1.03 0.00	147.80 2.11 0.00	113.51 2.26 0.00	106.36 3.37 0.00	61.42 1.99 0.00	76.20 1.96 0.00	62.71 0.82 0.00	49.67 0.78 0.00
MCINTYRE_115KV_TB2 80467	56.08 1.68 0.00	52.49 1.53 0.00	50.40 1.07 0.00	48.50 0.92 0.00	47.09 1.05 0.00	53.19 1.70 0.00	55.79 2.10 0.00	57.19 1.66 0.00	66.56 1.83 0.00	70.43 1.56 0.00	72.22 0.99 0.00	86.03 0.33 0.00	78.15 -0.65 0.00	78.58 -2.56 0.00	53.31 -1.67 0.00	57.27 -1.63 0.00	69.55 -1.93 0.00	141.96 -3.72 0.00	108.75 -2.50 0.00	100.76 -2.23 0.00	58.75 -0.68 0.00	75.23 0.98 0.00	63.50 1.62 0.00	50.36 1.46 0.00
MECO_____69_KV_BK1 80468	58.69 4.29 0.00	54.83 3.86 0.00	53.08 3.76 0.00	51.17 3.59 0.00	49.43 3.39 0.00	55.26 3.78 0.00	57.69 3.99 0.00	59.20 3.68 0.00	68.94 4.21 0.00	73.28 4.41 0.00	76.10 4.86 0.00	90.74 5.03 0.00	82.13 3.32 0.00	84.82 3.68 0.00	57.28 2.29 0.00	62.00 2.63 -0.47	74.59 3.11 0.00	152.79 7.10 0.00	117.53 6.28 0.00	111.28 8.29 0.00	64.85 5.43 0.00	80.71 6.46 0.00	66.93 5.05 0.00	52.69 3.80 0.00
MENANDS___115KV_TB5 355628	55.24 0.84 0.00	52.00 1.03 0.00	50.68 1.36 0.00	48.92 1.34 0.00	47.23 1.19 0.00	52.57 1.09 0.00	54.59 0.89 0.00	56.73 1.20 0.00	66.05 1.32 0.00	70.31 1.44 0.00	72.79 1.56 0.00	87.98 2.28 0.00	81.37 2.56 0.00	84.18 3.04 0.00	57.32 2.34 0.00	62.96 2.59 -1.47	74.33 2.86 0.00	151.55 5.86 0.00	115.98 4.73 0.00	107.07 4.09 0.00	61.45 2.03 0.00	76.32 2.07 0.00	63.09 1.20 0.00	49.71 0.82 0.00
MG INDUSTRY___DRP 24185	54.39 -0.01 0.00	51.86 0.89 0.00	50.60 1.28 0.00	48.89 1.31 0.00	47.19 1.16 0.00	52.55 1.06 0.00	54.58 0.88 0.00	56.54 1.01 0.00	65.70 0.97 0.00	69.95 1.08 0.00	72.26 1.03 0.00	87.12 1.42 0.00	80.06 1.25 0.00	81.87 0.74 0.00	55.56 0.57 0.00	57.64 0.73 1.99	72.10 0.63 0.00	146.97 1.28 0.00	112.38 1.12 0.00	104.03 1.04 0.00	59.83 0.40 0.00	74.44 0.20 0.00	61.63 -0.25 0.00	48.62 -0.27 0.00

MID___OSWEGATCHIE_HYD 23849	56.12 1.71 0.00	52.46 1.47 -0.03	50.57 1.21 -0.03	48.66 1.08 0.00	47.14 1.10 0.00	52.94 1.46 0.00	55.44 1.74 0.00	57.04 1.52 0.00	66.47 1.64 -0.10	70.34 1.24 -0.23	71.86 0.41 -0.21	86.07 -0.24 -0.61	78.34 -0.66 -0.20	79.44 -1.69 0.00	53.75 -1.22 0.00	57.33 -1.58 0.00	69.66 -1.81 0.00	142.44 -3.25 0.00	109.29 -1.96 0.00	101.34 -1.65 0.00	59.50 0.07 0.00	75.50 1.26 0.00	63.20 1.32 0.00	50.04 1.14 0.00
MID___RAQUETTE_HYD 23851	55.02 0.62 0.00	51.56 0.58 -0.02	49.54 0.20 -0.02	47.68 0.10 0.00	46.25 0.22 0.00	52.18 0.69 0.00	54.69 1.00 0.00	56.16 0.63 0.00	65.34 0.55 -0.05	69.22 0.23 -0.11	70.72 -0.62 -0.11	84.36 -1.65 -0.30	76.82 -2.09 -0.10	77.20 -3.93 0.00	52.18 -2.81 0.00	55.76 -3.14 0.00	67.73 -3.74 0.00	138.12 -7.57 0.00	105.72 -5.54 0.00	97.90 -5.09 0.00	57.10 -2.32 0.00	73.25 -1.00 0.00	61.90 0.01 0.00	49.25 0.35 0.00
MILLIKEN___1 23584	55.80 1.40 0.00	52.00 0.98 -0.06	50.50 1.11 -0.07	48.61 1.04 0.00	47.06 1.02 0.00	52.53 1.04 0.00	54.80 1.10 0.00	56.66 1.13 0.00	66.29 1.34 -0.22	70.73 1.38 -0.47	73.24 1.57 -0.43	88.93 1.98 -1.25	81.05 1.83 -0.41	83.27 2.14 0.00	56.22 1.24 0.00	60.16 1.26 0.00	73.49 2.02 0.00	149.89 4.20 0.00	114.79 3.54 0.00	107.04 4.05 0.00	61.70 2.28 0.00	76.75 2.50 0.00	63.45 1.57 0.00	49.99 1.09 0.00
MILLIKEN___2 23585	55.80 1.40 0.00	52.00 0.98 -0.06	50.50 1.11 -0.07	48.61 1.04 0.00	47.06 1.02 0.00	52.53 1.04 0.00	54.80 1.10 0.00	56.66 1.13 0.00	66.29 1.34 -0.22	70.73 1.38 -0.47	73.24 1.57 -0.43	88.93 1.98 -1.25	81.05 1.83 -0.41	83.27 2.14 0.00	56.22 1.24 0.00	60.16 1.26 0.00	73.49 2.02 0.00	149.89 4.20 0.00	114.79 3.54 0.00	107.04 4.05 0.00	61.70 2.28 0.00	76.75 2.50 0.00	63.45 1.57 0.00	49.99 1.09 0.00
MILLIKEN___DIESEL 23629	55.80 1.40 0.00	52.00 0.98 -0.06	50.50 1.11 -0.07	48.61 1.04 0.00	47.06 1.02 0.00	52.53 1.04 0.00	54.80 1.10 0.00	56.66 1.13 0.00	66.29 1.34 -0.22	70.73 1.38 -0.47	73.24 1.57 -0.43	88.93 1.98 -1.25	81.05 1.83 -0.41	83.27 2.14 0.00	56.22 1.24 0.00	60.16 1.26 0.00	73.49 2.02 0.00	149.89 4.20 0.00	114.79 3.54 0.00	107.04 4.05 0.00	61.70 2.28 0.00	76.75 2.50 0.00	63.45 1.57 0.00	49.99 1.09 0.00
MILLSEAT___LFGE 323607	55.56 1.16 0.00	51.27 0.30 0.00	49.70 0.38 0.00	47.67 0.09 0.00	46.21 0.17 0.00	51.69 0.20 0.00	53.47 -0.23 0.00	54.57 -0.95 0.00	63.86 -0.87 0.00	67.64 -1.23 0.00	70.53 -0.71 0.00	85.00 -0.70 0.00	78.68 -0.12 0.00	80.63 -0.51 0.00	54.55 -0.43 0.00	58.33 -0.57 0.00	70.83 -0.64 0.00	145.10 -0.59 0.00	112.15 0.90 0.00	104.11 1.12 0.00	60.31 0.88 0.00	73.97 -0.27 0.00	61.10 -0.78 0.00	48.72 -0.18 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	56.22 1.81 0.00	53.07 2.10 0.00	51.66 2.34 0.00	49.87 2.30 0.00	48.16 2.12 0.00	53.47 1.99 0.00	55.61 1.91 0.00	57.78 2.25 0.00	67.42 2.69 0.00	71.80 2.93 0.00	74.44 3.21 0.00	90.38 4.67 0.00	84.08 5.27 0.00	87.72 6.59 0.00	104.62 4.88 -44.76	120.28 5.09 -56.29	164.14 6.01 -86.65	177.07 12.14 -19.24	119.85 8.59 0.00	110.28 7.29 0.00	63.14 3.72 0.00	77.59 3.35 0.00	63.99 2.11 0.00	50.61 1.71 0.00
MILLWOOD_13_KV_LOAD 356217	56.33 1.93 0.00	53.17 2.21 0.00	51.76 2.44 0.00	49.96 2.39 0.00	48.24 2.20 0.00	53.58 2.09 0.00	55.71 2.01 0.00	57.89 2.37 0.00	67.57 2.84 0.00	71.97 3.10 0.00	74.62 3.38 0.00	90.62 4.92 0.00	84.31 5.51 0.00	87.98 6.85 0.00	104.82 5.08 -44.76	120.47 5.28 -56.29	164.40 6.27 -86.65	177.58 12.65 -19.24	120.22 8.96 0.00	110.61 7.62 0.00	63.33 3.91 0.00	77.81 3.56 0.00	64.15 2.26 0.00	50.72 1.82 0.00
MODEL_CITY_ENERGY 24167	53.78 -0.62 0.00	49.68 -1.28 0.00	48.24 -1.08 0.00	46.26 -1.32 0.00	44.84 -1.20 0.00	50.13 -1.36 0.00	51.63 -2.07 0.00	52.35 -3.18 0.00	60.87 -3.86 0.00	64.17 -4.70 0.00	67.05 -4.18 0.00	81.09 -4.61 0.00	75.68 -3.12 0.00	77.50 -3.63 0.00	52.37 -2.61 0.00	55.85 -3.05 0.00	68.21 -3.26 0.00	139.38 -6.31 0.00	107.71 -3.55 0.00	100.00 -2.99 0.00	58.03 -1.39 0.00	71.09 -3.16 0.00	58.85 -3.03 0.00	47.12 -1.78 0.00
MODERN_LFGE___ 323580	53.78 -0.62 0.00	49.68 -1.28 0.00	48.24 -1.08 0.00	46.26 -1.32 0.00	44.84 -1.20 0.00	50.13 -1.36 0.00	51.63 -2.07 0.00	52.35 -3.18 0.00	60.87 -3.86 0.00	64.17 -4.70 0.00	67.05 -4.18 0.00	81.09 -4.61 0.00	75.68 -3.12 0.00	77.50 -3.63 0.00	52.37 -2.61 0.00	55.85 -3.05 0.00	68.21 -3.26 0.00	139.38 -6.31 0.00	107.71 -3.55 0.00	100.00 -2.99 0.00	58.03 -1.39 0.00	71.09 -3.16 0.00	58.85 -3.03 0.00	47.12 -1.78 0.00
MOHAWK_PAPER___DRP 24187	55.76 1.36 0.00	52.43 1.46 0.00	51.07 1.75 0.00	49.28 1.71 0.00	47.57 1.53 0.00	52.96 1.48 0.00	55.02 1.32 0.00	57.17 1.64 0.00	66.57 1.84 0.00	70.86 2.00 0.00	73.37 2.14 0.00	88.69 2.99 0.00	81.96 3.15 0.00	84.79 3.66 0.00	57.74 2.75 0.00	63.68 3.05 -1.72	74.93 3.46 0.00	152.89 7.20 0.00	117.04 5.79 0.00	108.09 5.10 0.00	62.05 2.63 0.00	77.05 2.80 0.00	63.68 1.80 0.00	50.16 1.27 0.00
MOHICAN___35_KV_115KV_LD 80490	57.56 3.16 0.00	53.89 2.93 0.00	52.35 3.03 0.00	50.45 2.87 0.00	48.68 2.64 0.00	54.27 2.78 0.00	56.56 2.87 0.00	58.68 3.16 0.00	68.22 3.50 0.00	72.36 3.49 0.00	74.43 3.20 0.00	90.01 4.31 0.00	82.93 4.13 0.00	85.66 4.52 0.00	58.19 3.21 0.00	63.45 3.62 -0.92	75.68 4.21 0.00	154.52 8.83 0.00	119.33 8.08 0.00	110.84 7.86 0.00	63.60 4.17 0.00	79.14 4.90 0.00	65.43 3.55 0.00	51.47 2.57 0.00
MONGAUP___HYD 23641	56.86 2.45 0.00	53.43 2.46 0.00	51.90 2.58 0.00	50.07 2.49 0.00	48.31 2.27 0.00	53.73 2.25 0.00	55.94 2.24 0.00	57.97 2.44 0.00	67.33 2.61 0.00	71.39 2.52 0.00	73.70 2.47 0.00	89.39 3.68 0.00	82.99 4.18 0.00	86.47 5.33 0.00	64.69 3.84 -5.87	102.68 3.61 -40.17	143.21 5.00 -66.74	168.64 11.01 -11.94	119.38 8.12 0.00	111.13 8.14 0.00	63.65 4.23 0.00	78.48 4.23 0.00	65.05 3.17 0.00	51.23 2.33 0.00
MONTAUK___DIESEL 23721	56.85 2.44 0.00	54.44 3.47 0.00	54.40 5.07 0.00	53.65 6.07 0.00	51.74 5.70 0.00	56.87 5.38 0.00	58.31 4.62 0.00	59.81 4.29 0.00	71.25 6.52 0.00	76.48 6.96 -0.66	86.26 7.35 -7.67	266.10 9.40 -170.99	235.38 9.10 -147.48	286.14 11.29 -193.71	300.06 8.52 -236.56	386.76 8.75 -319.11	831.08 9.59 -750.02	1664.08 17.85 -1500.54	328.24 12.44 -204.55	278.41 12.07 -163.35	302.19 5.89 -236.87	281.85 4.61 -203.00	166.24 3.75 -100.61	67.30 2.85 -15.55
MOONROAD_115KV_HARTFLD_TB1-2 355988	56.18 1.78 0.00	51.66 0.69 0.00	50.23 0.91 0.00	48.09 0.52 0.00	46.61 0.58 0.00	52.21 0.73 0.00	54.35 0.65 0.00	55.69 0.17 0.00	65.15 0.42 0.00	68.62 -0.25 0.00	71.76 0.52 0.00	86.70 0.99 0.00	80.40 1.59 0.00	82.92 1.78 0.00	55.72 0.74 0.00	59.15 0.25 0.00	72.99 1.52 0.00	149.04 3.35 0.00	114.71 3.46 0.00	107.56 4.57 0.00	61.96 2.53 0.00	76.23 1.99 0.00	62.56 0.68 0.00	49.56 0.66 0.00

MORRIS_RIDGE___SOLAR 323848	54.93 0.53 0.00	50.64 -0.34 -0.02	49.26 -0.08 -0.02	47.26 -0.32 0.00	45.79 -0.25 0.00	51.23 -0.25 0.00	53.26 -0.44 0.00	54.52 -1.00 0.00	63.72 -1.07 -1.56	67.44 -1.56 -0.13	70.12 -1.24 -0.12	84.72 -1.34 -0.35	77.97 -0.95 -0.12	79.95 -1.18 0.00	54.40 -0.58 0.00	58.08 -0.82 0.00	71.01 -0.46 0.00	144.95 -0.74 0.00	111.43 0.18 0.00	104.29 1.30 0.00	60.18 0.76 0.00	74.46 0.22 0.00	61.39 -0.49 0.00	48.70 -0.19 0.00
MORTIMER_115KV_TB3 55949	54.98 0.58 0.00	50.93 -0.03 0.00	49.34 0.01 0.00	47.42 -0.16 0.00	45.94 -0.10 0.00	51.36 -0.12 0.00	53.36 -0.34 0.00	54.85 -0.67 0.00	64.12 -0.61 0.00	68.07 -0.80 0.00	70.90 -0.34 0.00	85.59 -0.12 0.00	79.05 0.24 0.00	81.49 0.36 0.00	55.07 0.09 0.00	58.93 0.03 0.00	71.58 0.11 0.00	146.57 0.88 0.00	112.69 1.44 0.00	104.46 1.47 0.00	60.37 0.94 0.00	74.60 0.36 0.00	61.66 -0.23 0.00	48.79 -0.11 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	56.50 2.10 0.00	53.42 2.46 0.00	52.04 2.72 0.00	50.25 2.68 0.00	48.53 2.49 0.00	53.86 2.38 0.00	55.99 2.29 0.00	58.21 2.68 0.00	67.96 3.23 0.00	72.38 3.52 0.00	74.96 3.73 0.00	90.98 5.27 0.00	84.65 5.85 0.00	88.38 7.24 0.00	79.51 5.32 -19.21	114.95 5.48 -50.56	159.73 6.48 -81.78	174.63 13.10 -15.84	120.45 9.19 0.00	110.80 7.81 0.00	63.42 4.00 0.00	77.78 3.54 0.00	64.18 2.30 0.00	50.83 1.94 0.00
MUNSVILLE_WIND_PWR 323609	58.88 4.47 0.00	54.82 3.82 -0.04	53.41 4.04 -0.05	51.37 3.80 0.00	49.74 3.70 0.00	55.67 4.19 0.00	58.32 4.62 0.00	60.27 4.74 0.00	70.55 5.68 -0.14	75.35 6.17 -0.31	77.89 6.37 -0.28	94.52 8.00 -0.81	86.03 6.96 -0.27	88.57 7.44 0.00	60.34 4.84 -0.52	65.71 4.98 -1.82	81.15 6.68 -3.00	160.14 13.88 -0.56	122.49 11.24 0.00	114.96 11.97 0.00	66.23 6.81 0.00	82.23 7.98 0.00	67.67 5.79 0.00	53.14 4.24 0.00
N SALMON___HYD 24042	54.86 0.46 0.00	51.42 0.45 0.00	49.54 0.21 0.00	47.69 0.11 0.00	46.23 0.20 0.00	51.97 0.49 0.00	54.51 0.81 0.00	56.05 0.53 0.00	65.40 0.67 0.00	69.31 0.44 0.00	71.29 0.05 0.00	85.20 -0.51 0.00	77.82 -0.98 0.00	79.05 -2.09 0.00	53.29 -1.69 0.00	57.12 -1.79 0.00	69.33 -2.14 0.00	141.44 -4.25 0.00	108.19 -3.07 0.00	100.46 -2.53 0.00	58.29 -1.13 0.00	73.88 -0.37 0.00	62.29 0.41 0.00	49.30 0.40 0.00
N.AKRON__115KV_KNAPP 355671	55.44 1.03 0.00	51.14 0.18 0.00	49.58 0.26 0.00	47.55 -0.03 0.00	46.10 0.06 0.00	51.58 0.09 0.00	53.33 -0.37 0.00	54.38 -1.15 0.00	63.62 -1.11 0.00	67.39 -1.48 0.00	70.29 -0.95 0.00	84.76 -0.95 0.00	78.45 -0.36 0.00	80.48 -0.66 0.00	54.36 -0.61 0.00	58.11 -0.80 0.00	70.69 -0.78 0.00	144.12 -1.57 0.00	111.21 -0.05 0.00	103.25 0.26 0.00	59.85 0.42 0.00	73.39 -0.86 0.00	60.64 -1.25 0.00	48.37 -0.53 0.00
N.E_GEN_SANDY PD 24062	56.07 1.31 -0.36	51.56 1.50 0.90	51.28 1.83 -0.13	48.57 1.75 0.76	47.63 1.59 0.00	52.98 1.50 0.00	55.00 1.30 0.00	59.79 1.72 -2.54	66.63 1.90 0.00	70.89 2.02 0.00	73.44 2.21 0.00	89.03 3.33 0.00	83.87 3.75 -1.32	85.71 4.58 0.00	67.87 3.47 -9.42	90.84 3.74 -28.20	119.99 4.12 -44.40	162.66 8.31 -8.67	117.79 6.54 0.00	108.60 5.61 0.00	61.96 2.80 0.25	84.50 2.82 -7.43	78.67 1.76 -15.02	51.33 1.30 -1.13
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	56.22 1.82 0.00	53.01 2.05 0.00	51.56 2.24 0.00	49.76 2.19 0.00	48.04 2.00 0.00	53.36 1.88 0.00	55.53 1.83 0.00	57.69 2.16 0.00	67.32 2.59 0.00	71.69 2.82 0.00	74.40 3.16 0.00	90.36 4.65 0.00	84.09 5.29 0.00	87.76 6.63 0.00	64.32 4.90 -4.44	108.37 5.15 -44.32	151.61 6.12 -74.02	171.02 12.30 -13.03	119.88 8.63 0.00	110.30 7.31 0.00	63.13 3.71 0.00	77.57 3.32 0.00	63.97 2.09 0.00	50.59 1.69 0.00
N.QUEENS_27_KV_LOAD 356247	56.76 2.36 0.00	53.85 2.89 0.00	52.33 3.01 0.00	50.55 2.98 0.00	48.77 2.74 0.00	54.08 2.60 0.00	56.24 2.54 0.00	58.40 2.88 0.00	68.12 3.39 0.00	72.36 3.49 0.00	74.83 3.59 0.00	90.95 5.21 -0.04	84.79 5.99 0.00	88.96 7.41 -0.42	80.30 5.29 -20.03	115.89 5.29 -51.69	163.22 6.28 -85.47	194.97 12.68 -36.61	120.59 8.85 -0.48	110.82 7.48 -0.35	63.38 3.95 -0.01	77.61 3.36 -0.01	64.20 2.31 -0.01	51.00 2.10 0.00
N.TROY___115KV_TB1 355778	56.09 1.69 0.00	52.68 1.72 0.00	51.32 2.00 0.00	49.50 1.92 0.00	47.78 1.74 0.00	53.22 1.73 0.00	55.26 1.56 0.00	57.39 1.87 0.00	66.79 2.06 0.00	71.05 2.18 0.00	73.54 2.31 0.00	88.92 3.21 0.00	82.16 3.36 0.00	85.00 3.87 0.00	58.58 2.84 -0.76	66.34 3.16 -4.27	79.39 3.50 -4.41	153.80 7.28 -0.83	117.33 6.08 0.00	108.45 5.46 0.00	62.24 2.81 0.00	77.41 3.16 0.00	63.97 2.09 0.00	50.42 1.52 0.00
NARROWS_GT1_1 24228	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT1_2 24229	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT1_3 24230	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT1_4 24231	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT1_5 24232	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01

NARROWS_GT1_6 24233	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT1_7 24234	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT1_8 24235	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT2_1 24236	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT2_2 24237	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT2_3 24238	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT2_4 24239	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT2_5 24240	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT2_6 24241	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT2_7 24242	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NARROWS_GT2_8 24243	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.01 3.77 0.00	90.95 5.25 0.00	84.82 6.01 0.00	88.55 7.42 0.00	79.53 5.33 -19.22	114.77 5.30 -50.56	129.31 6.23 -51.61	169.98 12.68 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.01 3.88 2.30	69.67 3.37 7.95	64.03 2.27 0.12	50.99 2.09 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	56.16 1.75 0.00	52.89 1.92 0.00	51.54 2.21 0.00	49.74 2.17 0.00	48.00 1.97 0.00	53.48 2.00 0.00	55.60 1.90 0.00	57.72 2.19 0.00	67.12 2.39 0.00	71.28 2.41 0.00	73.50 2.26 0.00	88.94 3.23 0.00	82.41 3.60 0.00	84.67 3.53 0.00	60.19 2.41 -2.80	69.48 2.88 -7.70	91.13 3.50 -16.16	155.78 7.06 -3.03	117.41 6.16 0.00	108.98 5.99 0.00	62.72 3.29 0.00	78.00 3.75 0.00	64.30 2.42 0.00	50.52 1.63 0.00
NCHELSEA_115KV_TR2 355582	56.90 2.50 0.00	53.57 2.61 0.00	52.11 2.79 0.00	50.30 2.73 0.00	48.56 2.52 0.00	53.96 2.47 0.00	56.15 2.45 0.00	58.41 2.89 0.00	68.15 3.43 0.00	72.61 3.74 0.00	75.36 4.12 0.00	91.63 5.92 0.00	85.19 6.39 0.00	88.83 7.70 0.00	74.16 5.61 -13.58	112.65 5.91 -47.84	157.00 7.23 -78.30	175.15 14.78 -14.68	121.77 10.52 0.00	112.04 9.05 0.00	64.16 4.73 0.00	78.89 4.65 0.00	64.97 3.09 0.00	51.28 2.39 0.00
NEG CAPITAL___MECHNVIL 23645	57.26 2.85 0.00	53.65 2.69 0.00	52.17 2.85 0.00	50.33 2.76 0.00	48.55 2.52 0.00	54.08 2.59 0.00	56.27 2.57 0.00	58.39 2.87 0.00	68.01 3.28 0.00	72.32 3.45 0.00	74.84 3.60 0.00	90.38 4.68 0.00	83.37 4.56 0.00	86.22 5.09 0.00	58.60 3.62 0.00	64.06 4.02 -1.13	76.23 4.76 0.00	155.70 10.01 0.00	119.56 8.31 0.00	110.74 7.75 0.00	63.57 4.15 0.00	79.00 4.76 0.00	65.24 3.35 0.00	51.33 2.44 0.00
NEG CENTRAL_HIGH_ACRES 23767	54.11 -0.29 0.00	50.15 -0.81 0.00	48.58 -0.75 0.00	46.72 -0.86 0.00	45.24 -0.79 0.00	50.61 -0.88 0.00	52.63 -1.06 0.00	54.24 -1.29 0.00	63.35 -1.38 0.00	67.29 -1.58 0.00	70.00 -1.24 0.00	84.48 -1.23 0.00	78.01 -0.79 0.00	80.44 -0.70 0.00	54.43 -0.55 0.00	58.22 -0.69 0.00	70.76 -0.72 0.00	144.72 -0.97 0.00	111.13 -0.12 0.00	103.02 0.04 0.00	59.50 0.08 0.00	73.64 -0.60 0.00	60.86 -1.02 0.00	48.09 -0.80 0.00

NEG CENTRAL___DRP 24199	55.25 0.84 0.00	51.34 0.32 -0.06	49.87 0.48 -0.07	47.94 0.36 0.00	46.41 0.38 0.00	51.87 0.38 0.00	54.09 0.39 0.00	55.78 0.26 0.00	65.25 0.30 -0.22	69.57 0.22 -0.47	72.11 0.44 -0.43	87.52 0.58 -1.25	79.98 0.77 -0.41	82.22 1.08 0.00	55.69 0.71 0.00	59.55 0.64 0.00	72.63 1.16 0.00	147.99 2.30 0.00	113.33 2.07 0.00	105.58 2.59 0.00	60.80 1.37 0.00	75.59 1.35 0.00	62.46 0.58 0.00	49.33 0.44 0.00
NEG CENTRAL___INDECK 23768	55.79 1.38 0.00	51.46 0.49 0.00	49.92 0.60 0.00	47.93 0.35 0.00	46.47 0.43 0.00	52.04 0.55 0.00	54.33 0.63 0.00	55.82 0.29 0.00	65.09 0.36 0.00	68.87 0.00 0.00	71.49 0.25 0.00	86.03 0.33 0.00	79.06 0.26 0.00	80.91 -0.23 0.00	55.05 0.07 0.00	58.86 -0.04 0.00	72.05 0.58 0.00	147.63 1.94 0.00	113.44 2.19 0.00	106.19 3.20 0.00	61.59 2.16 0.00	76.01 1.77 0.00	62.61 0.72 0.00	49.65 0.76 0.00
NEG CENTRAL___SENECA 23627	55.55 1.15 0.00	51.50 0.50 -0.03	50.07 0.71 -0.04	48.10 0.52 0.00	46.57 0.54 0.00	52.09 0.60 0.00	54.34 0.64 0.00	55.94 0.41 0.00	65.35 0.51 -0.12	69.52 0.39 -0.26	72.16 0.68 -0.24	87.19 0.80 -0.69	80.08 1.05 -0.23	82.49 1.36 0.00	55.95 0.97 0.00	59.76 0.85 0.00	72.95 1.47 0.00	148.49 2.80 0.00	113.79 2.54 0.00	106.20 3.21 0.00	61.17 1.75 0.00	76.00 1.75 0.00	62.67 0.78 0.00	49.60 0.70 0.00
NEG CENTRAL___STATE_STREET 24147	55.22 0.82 0.00	51.51 0.47 -0.08	49.96 0.54 -0.09	48.13 0.56 0.00	46.59 0.56 0.00	51.91 0.42 0.00	54.07 0.37 0.00	56.03 0.50 0.00	65.55 0.54 -0.28	69.92 0.43 -0.63	72.45 0.64 -0.57	88.22 0.87 -1.64	80.30 0.95 -0.54	82.42 1.28 0.00	55.58 0.60 0.00	59.60 0.70 0.00	72.71 1.24 0.00	148.47 2.79 0.00	113.61 2.36 0.00	105.69 2.70 0.00	60.83 1.40 0.00	75.76 1.51 0.00	62.68 0.80 0.00	49.32 0.43 0.00
NEG MILLWOOD___DRP 24198	56.95 2.54 0.00	53.65 2.68 0.00	52.21 2.88 0.00	50.39 2.81 0.00	48.64 2.61 0.00	54.05 2.56 0.00	56.24 2.54 0.00	58.50 2.98 0.00	68.33 3.61 0.00	72.83 3.96 0.00	75.59 4.36 0.00	91.97 6.27 0.00	85.55 6.74 0.00	89.27 8.14 0.00	76.89 5.92 -15.99	114.87 6.14 -49.82	160.15 7.50 -81.17	176.43 15.33 -15.41	122.27 11.02 0.00	112.46 9.48 0.00	64.36 4.93 0.00	79.09 4.85 0.00	65.12 3.24 0.00	51.37 2.47 0.00
NEG NORTH_FLCN_SEA 23793	53.25 -1.16 0.00	50.25 -0.71 0.00	48.81 -0.52 0.00	47.05 -0.52 0.00	45.55 -0.49 0.00	50.79 -0.70 0.00	53.35 -0.35 0.00	54.59 -0.93 0.00	63.59 -1.14 0.00	67.36 -1.52 0.00	69.42 -1.82 0.00	83.45 -2.26 0.00	76.32 -2.48 0.00	77.60 -3.54 0.00	52.33 -2.65 0.00	56.01 -2.89 0.00	67.94 -3.54 0.00	138.57 -7.12 0.00	106.07 -5.18 0.00	98.61 -4.38 0.00	56.94 -2.48 0.00	71.98 -2.27 0.00	60.77 -1.12 0.00	47.99 -0.90 0.00
NEG NORTH_KES_CHATEGAY 23792	54.04 -0.37 0.00	50.73 -0.23 0.00	48.93 -0.39 0.00	47.15 -0.42 0.00	45.70 -0.34 0.00	51.28 -0.20 0.00	53.77 0.07 0.00	55.27 -0.26 0.00	64.41 -0.31 0.00	68.30 -0.57 0.00	70.43 -0.81 0.00	84.36 -1.35 0.00	77.16 -1.64 0.00	78.55 -2.59 0.00	52.88 -2.10 0.00	56.70 -2.20 0.00	68.83 -2.64 0.00	140.27 -5.42 0.00	107.20 -4.06 0.00	99.46 -3.53 0.00	57.73 -1.69 0.00	72.97 -1.28 0.00	61.55 -0.33 0.00	48.70 -0.20 0.00
NEG NORTH___ALICE_FALLS 23915	54.02 -0.38 0.00	50.82 -0.15 0.00	49.22 -0.10 0.00	47.44 -0.14 0.00	45.94 -0.10 0.00	51.35 -0.13 0.00	53.92 0.22 0.00	55.29 -0.24 0.00	64.37 -0.36 0.00	68.15 -0.73 0.00	70.27 -0.96 0.00	84.41 -1.29 0.00	77.15 -1.66 0.00	78.53 -2.60 0.00	52.93 -2.05 0.00	56.69 -2.21 0.00	68.77 -2.70 0.00	140.34 -5.35 0.00	107.46 -3.79 0.00	99.98 -3.01 0.00	57.86 -1.57 0.00	73.11 -1.13 0.00	61.64 -0.24 0.00	48.67 -0.23 0.00
NEG NORTH___LWR_SARANAC 23913	54.02 -0.38 0.00	50.82 -0.15 0.00	49.22 -0.10 0.00	47.44 -0.14 0.00	45.94 -0.10 0.00	51.35 -0.13 0.00	53.92 0.22 0.00	55.29 -0.24 0.00	64.37 -0.36 0.00	68.15 -0.73 0.00	70.27 -0.96 0.00	84.41 -1.29 0.00	77.15 -1.66 0.00	78.53 -2.60 0.00	52.93 -2.05 0.00	56.69 -2.21 0.00	68.77 -2.70 0.00	140.34 -5.35 0.00	107.46 -3.79 0.00	99.98 -3.01 0.00	57.86 -1.57 0.00	73.11 -1.13 0.00	61.64 -0.24 0.00	48.67 -0.23 0.00
NEG NORTH___PLATTSBURG 23628	54.02 -0.38 0.00	50.82 -0.15 0.00	49.22 -0.10 0.00	47.44 -0.14 0.00	45.94 -0.10 0.00	51.35 -0.13 0.00	53.92 0.22 0.00	55.29 -0.24 0.00	64.38 -0.35 0.00	68.14 -0.73 0.00	70.27 -0.97 0.00	84.42 -1.28 0.00	77.15 -1.66 0.00	78.53 -2.60 0.00	52.93 -2.05 0.00	56.69 -2.21 0.00	68.76 -2.71 0.00	140.34 -5.35 0.00	107.46 -3.79 0.00	99.98 -3.01 0.00	57.86 -1.56 0.00	73.11 -1.13 0.00	61.64 -0.24 0.00	48.67 -0.23 0.00
NEG WEST_LEA_LOCKPORT 23791	53.92 -0.48 0.00	49.79 -1.17 0.00	48.34 -0.98 0.00	46.35 -1.23 0.00	44.93 -1.11 0.00	50.23 -1.26 0.00	51.82 -1.88 0.00	52.66 -2.86 0.00	61.57 -3.16 0.00	65.17 -3.70 0.00	68.00 -3.24 0.00	82.17 -3.54 0.00	76.01 -2.80 0.00	77.88 -3.26 0.00	52.55 -2.43 0.00	56.04 -2.86 0.00	68.43 -3.05 0.00	139.98 -5.71 0.00	108.17 -3.09 0.00	100.49 -2.50 0.00	58.33 -1.10 0.00	71.45 -2.80 0.00	59.13 -2.75 0.00	47.23 -1.66 0.00
NEG WEST___LANCASTR 23811	54.12 -0.28 0.00	49.82 -1.14 0.00	48.41 -0.92 0.00	46.41 -1.17 0.00	44.95 -1.08 0.00	50.32 -1.16 0.00	52.18 -1.52 0.00	53.41 -2.11 0.00	62.44 -2.29 0.00	66.13 -2.74 0.00	69.00 -2.24 0.00	83.41 -2.30 0.00	77.31 -1.50 0.00	79.65 -1.48 0.00	53.65 -1.33 0.00	57.14 -1.76 0.00	69.99 -1.48 0.00	143.04 -2.65 0.00	110.08 -1.18 0.00	102.68 -0.31 0.00	59.29 -0.13 0.00	72.88 -1.37 0.00	60.07 -1.81 0.00	47.71 -1.19 0.00
NEG_PENN_ALLEGHNY 23528	55.12 0.71 0.00	51.27 0.27 -0.04	49.89 0.53 -0.04	48.01 0.44 0.00	46.45 0.41 0.00	51.85 0.36 0.00	54.05 0.35 0.00	55.81 0.28 0.00	65.29 0.43 -0.14	69.76 0.59 -0.30	72.33 0.82 -0.28	87.76 1.26 -0.79	80.22 1.16 -0.26	82.80 1.67 0.00	56.77 1.26 -0.53	61.87 1.10 -1.87	76.27 1.73 -3.06	149.74 3.48 -0.58	113.80 2.55 0.00	105.98 2.99 0.00	60.88 1.46 0.00	75.76 1.52 0.00	62.58 0.70 0.00	49.44 0.54 0.00
NEG___GEN_MONROE 24207	55.53 1.13 0.00	51.38 0.41 0.00	49.77 0.44 0.00	47.79 0.21 0.00	46.31 0.27 0.00	51.79 0.30 0.00	53.80 0.10 0.00	55.27 -0.26 0.00	64.61 -0.12 0.00	68.55 -0.32 0.00	71.39 0.15 0.00	86.11 0.40 0.00	79.51 0.71 0.00	81.89 0.75 0.00	55.35 0.37 0.00	59.27 0.37 0.00	71.99 0.51 0.00	147.43 1.74 0.00	113.57 2.32 0.00	105.30 2.31 0.00	60.88 1.46 0.00	75.14 0.89 0.00	62.06 0.17 0.00	49.13 0.23 0.00
NEPA___ENERGY 23901	54.79 0.39 0.00	50.22 -0.74 0.00	48.89 -0.43 0.00	46.76 -0.82 0.00	45.32 -0.71 0.00	50.74 -0.74 0.00	52.79 -0.91 0.00	54.01 -1.51 0.00	63.16 -1.57 0.00	66.70 -2.17 0.00	69.62 -1.62 0.00	84.29 -1.41 0.00	78.07 -0.73 0.00	80.91 -0.23 0.00	54.64 -0.34 0.00	57.83 -1.07 0.00	71.26 -0.22 0.00	145.03 -0.66 0.00	111.03 -0.22 0.00	104.19 1.21 0.00	59.80 0.38 0.00	74.20 -0.05 0.00	61.05 -0.83 0.00	48.43 -0.46 0.00

NEVERSINK___HYD 23608	55.76 1.36 0.00	52.38 1.41 0.00	50.88 1.56 0.00	49.11 1.53 0.00	47.41 1.37 0.00	52.69 1.21 0.00	54.88 1.18 0.00	57.02 1.49 0.00	66.46 1.73 0.00	70.75 1.88 0.00	73.38 2.15 0.00	89.28 3.58 0.00	83.01 4.20 0.00	86.19 5.06 0.00	67.40 3.52 -8.90	99.22 3.80 -36.52	136.58 4.84 -60.27	167.16 10.33 -11.14	118.39 7.14 0.00	109.03 6.04 0.00	62.45 3.03 0.00	76.90 2.65 0.00	63.37 1.49 0.00	49.96 1.07 0.00
NEWKRMKL_115KV_TB1 55635	54.98 0.58 0.00	51.76 0.80 0.00	50.44 1.12 0.00	48.70 1.12 0.00	47.01 0.97 0.00	52.33 0.85 0.00	54.37 0.67 0.00	56.47 0.94 0.00	65.77 1.04 0.00	70.03 1.16 0.00	72.49 1.25 0.00	87.58 1.88 0.00	80.98 2.17 0.00	83.75 2.62 0.00	57.02 2.03 0.00	60.53 2.27 0.64	73.98 2.51 0.00	150.84 5.16 0.00	115.39 4.14 0.00	106.55 3.56 0.00	61.16 1.74 0.00	75.95 1.70 0.00	62.79 0.90 0.00	49.48 0.58 0.00
NEWTON___FALLS_HYD 23847	56.12 1.71 0.00	52.46 1.47 -0.03	50.57 1.21 -0.03	48.66 1.08 0.00	47.14 1.10 0.00	52.94 1.46 0.00	55.44 1.74 0.00	57.04 1.52 0.00	66.47 1.64 -0.10	70.34 1.24 -0.23	71.86 0.41 -0.21	86.07 -0.24 -0.61	78.34 -0.66 -0.20	79.44 -1.69 0.00	53.75 -1.22 0.00	57.33 -1.58 0.00	69.66 -1.81 0.00	142.44 -3.25 0.00	109.29 -1.96 0.00	101.34 -1.65 0.00	59.50 0.07 0.00	75.50 1.26 0.00	63.20 1.32 0.00	50.04 1.14 0.00
NGRID_A1_DSASP 323792	53.23 -1.18 0.00	49.14 -1.82 0.00	47.72 -1.61 0.00	45.78 -1.80 0.00	44.38 -1.66 0.00	49.61 -1.88 0.00	51.17 -2.53 0.00	52.12 -3.40 0.00	60.62 -4.11 0.00	64.15 -4.72 0.00	67.10 -4.13 0.00	81.14 -4.56 0.00	75.19 -3.62 0.00	76.99 -4.14 0.00	51.95 -3.03 0.00	55.41 -3.49 0.00	67.56 -3.91 0.00	138.20 -7.49 0.00	106.81 -4.44 0.00	99.19 -3.80 0.00	57.51 -1.92 0.00	70.50 -3.75 0.00	58.71 -3.17 0.00	46.83 -2.07 0.00
NGRID_A2_DSASP 323793	53.23 -1.18 0.00	49.14 -1.82 0.00	47.72 -1.61 0.00	45.78 -1.80 0.00	44.38 -1.66 0.00	49.61 -1.88 0.00	51.17 -2.53 0.00	52.12 -3.40 0.00	60.62 -4.11 0.00	64.15 -4.72 0.00	67.10 -4.13 0.00	81.14 -4.56 0.00	75.19 -3.62 0.00	76.99 -4.14 0.00	51.95 -3.03 0.00	55.41 -3.49 0.00	67.56 -3.91 0.00	138.20 -7.49 0.00	106.81 -4.44 0.00	99.19 -3.80 0.00	57.51 -1.92 0.00	70.50 -3.75 0.00	58.71 -3.17 0.00	46.83 -2.07 0.00
NGRID_A4_DSASP 323807	53.23 -1.18 0.00	49.14 -1.82 0.00	47.72 -1.61 0.00	45.78 -1.80 0.00	44.38 -1.66 0.00	49.61 -1.88 0.00	51.17 -2.53 0.00	52.12 -3.40 0.00	60.62 -4.11 0.00	64.15 -4.72 0.00	67.10 -4.13 0.00	81.14 -4.56 0.00	75.19 -3.62 0.00	76.99 -4.14 0.00	51.95 -3.03 0.00	55.41 -3.49 0.00	67.56 -3.91 0.00	138.20 -7.49 0.00	106.81 -4.44 0.00	99.19 -3.80 0.00	57.51 -1.92 0.00	70.50 -3.75 0.00	58.71 -3.17 0.00	46.83 -2.07 0.00
NIAGARA_115E_LBMP 323715	53.61 -0.80 0.00	49.53 -1.44 0.00	48.10 -1.23 0.00	46.11 -1.46 0.00	44.71 -1.32 0.00	49.97 -1.51 0.00	51.43 -2.27 0.00	52.09 -3.44 0.00	60.68 -4.05 0.00	64.19 -4.68 0.00	67.09 -4.15 0.00	81.10 -4.60 0.00	75.34 -3.46 0.00	77.14 -3.99 0.00	52.12 -2.86 0.00	55.61 -3.29 0.00	67.91 -3.57 0.00	138.66 -7.03 0.00	107.15 -4.10 0.00	99.47 -3.51 0.00	57.73 -1.69 0.00	70.73 -3.51 0.00	58.57 -3.31 0.00	46.95 -1.95 0.00
NIAGARA_115W_LBMP 323714	53.12 -1.29 0.00	49.04 -1.92 0.00	47.61 -1.72 0.00	45.68 -1.89 0.00	44.28 -1.75 0.00	49.49 -1.99 0.00	51.06 -2.64 0.00	52.01 -3.52 0.00	60.47 -4.26 0.00	63.97 -4.90 0.00	66.91 -4.33 0.00	80.89 -4.82 0.00	74.96 -3.84 0.00	76.78 -4.35 0.00	51.80 -3.18 0.00	55.27 -3.63 0.00	67.38 -4.09 0.00	137.86 -7.84 0.00	106.52 -4.73 0.00	98.94 -4.05 0.00	57.37 -2.05 0.00	70.30 -3.94 0.00	58.59 -3.29 0.00	46.73 -2.16 0.00
NIAGARA_230_LBMP 323716	53.47 -0.93 0.00	49.38 -1.58 0.00	47.95 -1.37 0.00	46.02 -1.56 0.00	44.60 -1.44 0.00	49.87 -1.62 0.00	51.47 -2.24 0.00	52.42 -3.11 0.00	61.19 -3.54 0.00	64.83 -4.04 0.00	67.77 -3.46 0.00	81.97 -3.74 0.00	75.94 -2.86 0.00	77.90 -3.24 0.00	52.51 -2.47 0.00	56.04 -2.86 0.00	68.33 -3.14 0.00	139.81 -5.88 0.00	108.02 -3.23 0.00	100.39 -2.61 0.00	58.14 -1.29 0.00	71.35 -2.90 0.00	59.05 -2.83 0.00	47.08 -1.81 0.00
NIAGARA___115KV_198_GIBSON 55903	53.11 -1.29 0.00	49.03 -1.93 0.00	47.62 -1.71 0.00	45.68 -1.89 0.00	44.29 -1.75 0.00	49.49 -1.99 0.00	51.06 -2.64 0.00	52.00 -3.53 0.00	60.48 -4.25 0.00	63.95 -4.92 0.00	66.91 -4.33 0.00	80.89 -4.82 0.00	74.96 -3.84 0.00	76.81 -4.33 0.00	51.77 -3.21 0.00	55.27 -3.64 0.00	67.34 -4.13 0.00	137.85 -7.84 0.00	106.53 -4.72 0.00	98.94 -4.05 0.00	57.37 -2.05 0.00	70.33 -3.92 0.00	58.59 -3.30 0.00	46.74 -2.16 0.00
NIAGARA____ 23760	53.47 -0.93 0.00	49.38 -1.58 0.00	47.95 -1.37 0.00	46.02 -1.56 0.00	44.60 -1.44 0.00	49.87 -1.62 0.00	51.47 -2.24 0.00	52.42 -3.11 0.00	61.19 -3.54 0.00	64.83 -4.04 0.00	67.77 -3.46 0.00	81.97 -3.74 0.00	75.94 -2.86 0.00	77.90 -3.24 0.00	52.51 -2.47 0.00	56.04 -2.86 0.00	68.33 -3.14 0.00	139.81 -5.88 0.00	108.02 -3.23 0.00	100.39 -2.61 0.00	58.14 -1.29 0.00	71.35 -2.90 0.00	59.05 -2.83 0.00	47.08 -1.81 0.00
NINE_MILE_1 23575	52.97 -1.43 0.00	48.94 -1.50 0.53	47.31 -1.40 0.62	46.25 -1.33 0.00	44.76 -1.28 0.00	50.00 -1.49 0.00	52.10 -1.60 0.00	53.86 -1.67 0.00	60.82 -1.98 1.92	62.53 -2.11 4.23	65.22 -2.14 3.88	72.19 -2.41 11.11	73.01 -2.14 3.66	79.15 -1.98 0.00	53.68 -1.30 0.00	57.48 -1.42 0.00	69.87 -1.60 0.00	142.50 -3.19 0.00	108.99 -2.26 0.00	100.97 -2.02 0.00	58.22 -1.20 0.00	72.52 -1.72 0.00	60.23 -1.65 0.00	47.58 -1.31 0.00
NINE_MILE_2 23744	52.98 -1.43 0.00	48.93 -1.50 0.53	47.30 -1.39 0.63	46.25 -1.32 0.00	44.76 -1.28 0.00	50.00 -1.49 0.00	52.10 -1.60 0.00	53.86 -1.67 0.00	60.79 -1.98 1.95	62.46 -2.11 4.30	65.16 -2.14 3.93	72.02 -2.41 11.28	72.96 -2.14 3.71	79.16 -1.97 0.00	53.68 -1.30 0.00	57.48 -1.42 0.00	69.87 -1.60 0.00	142.50 -3.19 0.00	108.99 -2.26 0.00	100.97 -2.02 0.00	58.22 -1.20 0.00	72.52 -1.72 0.00	60.23 -1.65 0.00	47.59 -1.31 0.00
NM_CAPITAL___DRP 24208	55.07 0.67 0.00	51.85 0.89 0.00	50.54 1.22 0.00	48.78 1.20 0.00	47.10 1.06 0.00	52.43 0.94 0.00	54.45 0.75 0.00	56.57 1.05 0.00	65.87 1.14 0.00	70.11 1.24 0.00	72.58 1.35 0.00	87.72 2.02 0.00	81.12 2.32 0.00	83.93 2.79 0.00	57.14 2.16 0.00	62.36 2.39 -1.07	74.10 2.63 0.00	151.07 5.37 0.00	115.63 4.38 0.00	106.72 3.73 0.00	61.24 1.82 0.00	76.08 1.84 0.00	62.90 1.01 0.00	49.57 0.68 0.00
NM_CENTRAL___DRP 24181	54.25 -0.15 0.00	50.62 -0.40 -0.05	49.08 -0.30 -0.06	47.28 -0.30 0.00	45.75 -0.29 0.00	51.11 -0.38 0.00	53.29 -0.41 0.00	55.11 -0.42 0.00	64.44 -0.48 -0.19	68.77 -0.51 -0.41	71.14 -0.47 -0.38	86.42 -0.37 -1.08	78.94 -0.21 -0.36	81.24 0.10 0.00	55.12 0.14 0.00	58.92 0.01 0.00	71.64 0.17 0.00	146.11 0.42 0.00	111.74 0.48 0.00	103.58 0.59 0.00	59.67 0.25 0.00	74.34 0.09 0.00	61.60 -0.28 0.00	48.64 -0.25 0.00

NM_FRONTIER___DRP 24179	53.11 -1.29 0.00	49.03 -1.93 0.00	47.62 -1.71 0.00	45.68 -1.89 0.00	44.29 -1.75 0.00	49.49 -1.99 0.00	51.06 -2.64 0.00	52.00 -3.53 0.00	60.48 -4.25 0.00	63.95 -4.92 0.00	66.91 -4.33 0.00	80.89 -4.82 0.00	74.96 -3.84 0.00	76.81 -4.33 0.00	51.77 -3.21 0.00	55.27 -3.64 0.00	67.34 -4.13 0.00	137.85 -7.84 0.00	106.53 -4.72 0.00	98.94 -4.05 0.00	57.37 -2.05 0.00	70.33 -3.92 0.00	58.59 -3.30 0.00	46.74 -2.16 0.00
NM_ST_REGIS___HYD 24053	55.01 0.60 0.00	51.53 0.57 0.00	49.54 0.22 0.00	47.70 0.12 0.00	46.25 0.22 0.00	52.15 0.66 0.00	54.67 0.97 0.00	56.15 0.62 0.00	65.34 0.61 0.00	69.16 0.29 0.00	70.78 -0.45 0.00	84.33 -1.38 0.00	76.96 -1.84 0.00	77.62 -3.51 0.00	52.41 -2.57 0.00	56.09 -2.82 0.00	68.07 -3.40 0.00	138.85 -6.84 0.00	106.31 -4.94 0.00	98.54 -4.45 0.00	57.42 -2.01 0.00	73.42 -0.83 0.00	62.01 0.13 0.00	49.28 0.39 0.00
NORTHPORT___1 23551	55.03 0.63 0.01	52.81 1.85 0.00	52.28 2.95 0.00	50.68 3.11 0.00	48.70 2.67 0.00	53.36 1.88 0.00	54.78 1.08 0.00	56.69 1.16 0.00	66.49 1.77 0.01	70.98 2.24 0.12	72.88 2.57 0.92	73.19 4.37 16.89	65.60 5.01 18.21	123.38 6.50 -35.74	240.48 4.93 -180.57	383.46 5.39 -319.17	813.75 6.03 -736.24	1659.62 12.22 -1501.71	292.31 8.68 -172.38	115.50 7.04 -5.48	83.89 3.65 -20.81	56.51 2.54 20.28	54.22 1.26 8.92	48.38 0.87 1.39
NORTHPORT___2 23552	55.03 0.63 0.01	52.81 1.85 0.00	52.28 2.95 0.00	50.68 3.11 0.00	48.70 2.67 0.00	53.36 1.88 0.00	54.78 1.08 0.00	56.69 1.16 0.00	66.49 1.77 0.01	70.98 2.24 0.12	72.88 2.57 0.92	73.19 4.37 16.89	65.60 5.01 18.21	123.38 6.50 -35.74	240.48 4.93 -180.57	383.46 5.39 -319.17	813.75 6.03 -736.24	1659.62 12.22 -1501.71	292.31 8.68 -172.38	115.50 7.04 -5.48	83.89 3.65 -20.81	56.51 2.54 20.28	54.22 1.26 8.92	48.38 0.87 1.39
NORTHPORT___3 23553	54.73 0.32 0.00	52.60 1.64 0.00	52.14 2.82 0.00	50.57 2.99 0.00	48.52 2.49 0.00	53.18 1.69 0.00	54.58 0.88 0.00	56.45 0.92 0.00	66.10 1.37 0.00	70.73 1.97 0.10	72.59 2.28 0.92	73.01 4.23 16.92	65.47 4.91 18.25	123.24 6.43 -35.67	240.49 5.05 -180.45	383.18 5.25 -319.02	813.30 6.07 -735.76	1656.68 11.97 -1499.01	292.12 8.56 -172.31	115.30 6.88 -5.43	80.57 3.55 -17.60	56.24 2.29 20.29	53.89 0.92 8.92	48.10 0.58 1.38
NORTHPORT___4 23650	54.73 0.32 0.00	52.60 1.64 0.00	52.14 2.82 0.00	50.57 2.99 0.00	48.52 2.49 0.00	53.18 1.69 0.00	54.58 0.88 0.00	56.45 0.92 0.00	66.10 1.37 0.00	70.73 1.97 0.10	72.59 2.28 0.92	73.01 4.23 16.92	65.47 4.91 18.25	123.24 6.43 -35.67	240.49 5.05 -180.45	383.18 5.25 -319.02	813.30 6.07 -735.76	1656.68 11.97 -1499.01	292.12 8.56 -172.31	115.30 6.88 -5.43	80.57 3.55 -17.60	56.24 2.29 20.29	53.89 0.92 8.92	48.10 0.58 1.38
NORTHPORT___IC 23718	55.02 0.62 0.01	52.82 1.86 0.00	52.28 2.95 0.00	50.69 3.11 0.00	48.70 2.67 0.00	53.36 1.87 0.00	54.78 1.08 0.00	56.69 1.17 0.00	66.50 1.78 0.01	70.99 2.24 0.12	72.89 2.58 0.92	73.25 4.43 16.89	65.60 5.01 18.21	123.38 6.51 -35.73	240.49 4.94 -180.57	383.45 5.38 -319.17	813.76 6.05 -736.24	1659.68 12.28 -1501.71	292.31 8.69 -172.38	115.49 7.03 -5.47	83.88 3.64 -20.81	56.51 2.55 20.28	54.21 1.25 8.92	48.38 0.87 1.39
NORTH___COUNTRY_ESR 323785	53.93 -0.47 0.00	50.63 -0.33 0.00	48.84 -0.49 0.00	47.06 -0.52 0.00	45.62 -0.42 0.00	51.19 -0.30 0.00	53.67 -0.03 0.00	55.17 -0.36 0.00	64.35 -0.38 0.00	68.28 -0.59 0.00	70.43 -0.80 0.00	84.35 -1.35 0.00	77.15 -1.66 0.00	78.54 -2.59 0.00	52.88 -2.10 0.00	56.70 -2.21 0.00	68.83 -2.64 0.00	140.26 -5.43 0.00	107.19 -4.07 0.00	99.44 -3.55 0.00	57.60 -1.82 0.00	72.78 -1.47 0.00	61.41 -0.47 0.00	48.59 -0.30 0.00
NPX_GEN_1385_PROXY 323591	56.87 0.61 -1.87	54.12 2.28 -0.87	52.31 2.99 0.00	50.48 2.91 0.00	48.75 2.72 0.00	53.43 1.94 0.00	55.11 1.41 0.00	57.16 1.63 0.00	66.55 1.83 0.01	71.52 2.77 0.12	73.09 2.78 0.92	73.95 5.14 16.89	66.46 5.87 18.21	124.06 7.19 -35.74	240.76 5.21 -180.57	383.69 5.62 -319.17	776.46 4.73 -700.25	1462.88 9.55 -1307.64	146.04 6.67 -28.12	108.77 5.67 -0.11	84.48 4.25 -20.81	57.07 3.11 20.28	54.66 1.70 8.92	52.02 1.15 -1.97
NPX_GEN_CSC 323557	57.91 1.63 -1.87	54.47 2.64 -0.87	52.96 3.64 0.00	51.29 3.71 0.00	49.32 3.28 0.00	54.27 2.79 0.00	55.78 2.09 0.00	57.73 2.20 0.00	67.98 3.25 0.00	73.37 3.85 -0.65	83.13 4.26 -7.63	262.42 6.33 -170.38	231.86 6.44 -146.61	282.63 8.12 -193.38	292.21 5.89 -231.34	384.21 6.20 -319.10	822.19 6.92 -743.80	1659.87 13.67 -1500.51	321.21 10.19 -199.77	263.02 9.17 -150.85	300.87 5.04 -236.41	274.67 4.26 -196.16	164.99 2.73 -100.38	69.91 2.15 -18.87
NSINS_S_GLNS_FALLS 23858	57.47 3.06 0.00	53.81 2.84 0.00	52.27 2.94 0.00	50.38 2.80 0.00	48.60 2.57 0.00	54.18 2.69 0.00	56.49 2.79 0.00	58.58 3.06 0.00	68.14 3.41 0.00	72.27 3.40 0.00	74.32 3.09 0.00	89.86 4.15 0.00	82.80 3.99 0.00	85.51 4.38 0.00	58.11 3.13 0.00	63.33 3.53 -0.90	75.61 4.14 0.00	154.39 8.70 0.00	119.26 8.00 0.00	110.74 7.75 0.00	63.55 4.13 0.00	79.08 4.84 0.00	65.37 3.49 0.00	51.41 2.52 0.00
NUCOR_STEEL___DRP 24197	55.14 0.74 0.00	51.46 0.41 -0.08	49.90 0.48 -0.10	48.08 0.51 0.00	46.55 0.51 0.00	51.82 0.33 0.00	53.96 0.26 0.00	55.95 0.43 0.00	65.46 0.43 -0.31	69.87 0.33 -0.67	72.40 0.56 -0.61	88.24 0.79 -1.75	80.25 0.86 -0.58	82.33 1.19 0.00	55.49 0.52 0.00	59.51 0.61 0.00	72.60 1.13 0.00	148.27 2.58 0.00	113.47 2.22 0.00	105.40 2.41 0.00	60.72 1.30 0.00	75.62 1.37 0.00	62.61 0.73 0.00	49.24 0.34 0.00
NUMBER_THREE_WT_PWR 323818	57.11 2.71 0.00	53.31 2.31 -0.03	51.55 2.18 -0.04	49.62 2.05 0.00	47.99 1.96 0.00	53.80 2.31 0.00	56.30 2.60 0.00	58.06 2.53 0.00	67.78 2.92 -0.13	71.71 2.57 -0.28	73.38 1.89 -0.25	88.23 1.79 -0.73	80.44 1.40 -0.24	82.26 1.13 0.00	55.76 0.78 0.00	59.42 0.52 0.00	72.31 0.84 0.00	148.19 2.50 0.00	113.82 2.56 0.00	105.74 2.75 0.00	62.03 2.61 0.00	77.94 3.70 0.00	64.79 2.90 0.00	51.09 2.19 0.00
NYISO_LBMP_REFERENCE 24008	54.40 0.00 0.00	50.96 0.00 0.00	49.32 0.00 0.00	47.58 0.00 0.00	46.04 0.00 0.00	51.48 0.00 0.00	53.70 0.00 0.00	55.52 0.00 0.00	64.73 0.00 0.00	68.87 0.00 0.00	71.24 0.00 0.00	85.71 0.00 0.00	78.81 0.00 0.00	81.13 0.00 0.00	54.98 0.00 0.00	58.90 0.00 0.00	71.47 0.00 0.00	145.69 0.00 0.00	111.25 0.00 0.00	102.99 0.00 0.00	59.42 0.00 0.00	74.24 0.00 0.00	61.88 0.00 0.00	48.90 0.00 0.00
NYPA_BRENTWD____GT 24164	56.36 1.95 0.00	53.91 2.94 0.00	53.20 3.88 0.00	51.51 3.94 0.00	49.51 3.47 0.00	54.36 2.88 0.00	55.93 2.23 0.00	57.95 2.42 0.00	68.07 3.34 0.00	73.58 3.94 -0.78	76.96 4.20 -1.52	127.45 6.10 -35.65	115.13 6.48 -29.85	168.10 8.09 -78.88	257.33 6.01 -196.34	384.53 6.42 -319.22	819.65 7.57 -740.61	1663.67 15.40 -1502.58	303.96 11.20 -181.51	160.96 9.20 -48.78	141.73 4.86 -77.45	118.99 3.98 -40.76	85.44 2.58 -20.98	54.10 1.96 -3.24

NYPA_GOWANUS____GT5 24156	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.00 3.76 0.00	90.94 5.23 0.00	84.78 5.98 0.00	88.53 7.39 0.00	79.50 5.30 -19.22	114.76 5.30 -50.56	129.30 6.22 -51.61	169.96 12.66 -11.61	106.34 8.86 13.77	99.45 7.60 11.13	60.99 3.86 2.30	69.67 3.37 7.95	64.00 2.24 0.12	50.99 2.09 -0.01
NYPA_GOWANUS____GT6 24157	56.66 2.26 0.00	53.74 2.77 0.00	52.28 2.96 0.00	50.58 3.00 0.00	48.83 2.79 0.00	54.10 2.62 0.00	56.13 2.44 0.00	58.24 2.71 0.00	68.22 3.49 0.00	72.54 3.68 0.00	75.00 3.76 0.00	90.94 5.23 0.00	84.78 5.98 0.00	88.53 7.39 0.00	79.50 5.30 -19.22	114.76 5.30 -50.56	129.30 6.22 -51.61	169.96 12.66 -11.61	106.34 8.86 13.77	99.45 7.60 11.13	60.99 3.86 2.30	69.67 3.37 7.95	64.00 2.24 0.12	50.99 2.09 -0.01
NYPA_HARLEM__RVR__GT1 24160	56.59 2.18 0.00	53.69 2.73 0.00	52.23 2.91 0.00	50.45 2.87 0.00	48.70 2.66 0.00	53.99 2.51 0.00	56.13 2.43 0.00	58.27 2.74 0.00	67.95 3.22 0.00	72.19 3.32 0.00	74.63 3.39 -0.01	90.63 4.91 -0.01	84.50 5.70 0.00	88.25 7.12 0.00	79.28 5.07 -19.23	114.54 5.07 -50.57	159.22 5.97 -81.78	173.63 12.09 -15.85	119.69 8.42 -0.01	110.08 7.08 -0.01	63.13 3.69 -0.01	77.34 3.09 -0.01	63.96 2.07 -0.01	50.83 1.94 0.00
NYPA_HARLEM__RVR__GT2 24161	56.59 2.18 0.00	53.69 2.73 0.00	52.23 2.91 0.00	50.45 2.87 0.00	48.70 2.66 0.00	53.99 2.51 0.00	56.13 2.43 0.00	58.27 2.74 0.00	67.95 3.22 0.00	72.19 3.32 0.00	74.63 3.39 -0.01	90.63 4.91 -0.01	84.50 5.70 0.00	88.25 7.12 0.00	79.28 5.07 -19.23	114.54 5.07 -50.57	159.22 5.97 -81.78	173.63 12.09 -15.85	119.69 8.42 -0.01	110.08 7.08 -0.01	63.13 3.69 -0.01	77.34 3.09 -0.01	63.96 2.07 -0.01	50.83 1.94 0.00
NYPA_KENT____GT 24152	56.56 2.16 0.00	53.64 2.68 0.00	52.24 2.92 0.00	50.51 2.93 0.00	48.76 2.73 0.00	54.05 2.56 0.00	56.14 2.44 0.00	58.28 2.75 0.00	68.14 3.41 0.00	72.41 3.54 0.00	74.85 3.62 0.00	90.77 5.06 0.00	84.62 5.82 0.00	88.37 7.23 0.00	79.39 5.19 -19.22	114.65 5.19 -50.56	125.64 6.10 -48.06	169.41 12.38 -11.34	103.80 8.63 16.08	93.25 7.35 17.09	60.46 3.74 2.71	67.20 3.17 10.22	62.67 2.10 1.31	50.88 1.98 0.00
NYPA_POUCH1____GT 24155	56.52 2.12 0.00	53.59 2.63 0.00	52.13 2.80 0.00	50.47 2.90 0.00	48.76 2.73 0.00	54.01 2.53 0.00	55.95 2.25 0.00	56.67 2.44 1.30	65.95 3.17 1.95	70.97 3.32 1.22	74.63 3.40 0.01	90.62 4.92 0.00	84.49 5.69 0.00	88.22 7.08 0.00	79.31 5.11 -19.22	114.54 5.08 -50.56	129.02 5.94 -51.61	169.35 12.05 -11.61	105.90 8.41 13.77	98.97 7.11 11.13	60.77 3.65 2.30	69.42 3.13 7.95	63.84 2.08 0.12	50.86 1.96 -0.01
NYPA_VERNON____GT2 24162	56.46 2.06 0.00	53.55 2.59 0.00	52.19 2.87 0.00	50.43 2.85 0.00	48.69 2.66 0.00	53.99 2.50 0.00	56.14 2.44 0.00	58.29 2.76 0.00	68.07 3.34 0.00	72.35 3.49 0.00	74.76 3.52 0.00	90.68 4.98 0.00	84.53 5.72 0.00	88.25 7.11 0.00	79.31 5.11 -19.22	114.60 5.14 -50.55	122.02 6.03 -44.52	168.96 12.20 -11.07	101.33 8.47 18.40	87.11 7.17 23.04	59.98 3.68 3.12	64.83 3.06 12.48	61.39 1.99 2.48	50.74 1.84 0.00
NYPA_VERNON____GT3 24163	56.46 2.06 0.00	53.55 2.59 0.00	52.19 2.87 0.00	50.43 2.85 0.00	48.69 2.66 0.00	53.99 2.50 0.00	56.14 2.44 0.00	58.29 2.76 0.00	68.07 3.34 0.00	72.35 3.49 0.00	74.76 3.52 0.00	90.68 4.98 0.00	84.53 5.72 0.00	88.25 7.11 0.00	79.31 5.11 -19.22	114.60 5.14 -50.55	122.02 6.03 -44.52	168.96 12.20 -11.07	101.33 8.47 18.40	87.11 7.17 23.04	59.98 3.68 3.12	64.83 3.06 12.48	61.39 1.99 2.48	50.74 1.84 0.00
NYPA____ASTORIA_CC1 323568	56.35 1.94 0.00	53.47 2.51 0.00	52.12 2.79 0.00	50.38 2.81 0.00	48.64 2.60 0.00	53.90 2.41 0.00	56.05 2.35 0.00	58.18 2.66 0.00	67.92 3.19 0.00	72.19 3.33 0.00	74.55 3.32 0.00	90.44 4.73 0.00	84.32 5.52 0.00	88.04 6.90 0.00	79.15 4.95 -19.22	114.39 4.93 -50.55	120.29 5.80 -43.02	168.41 11.77 -10.96	99.99 8.12 19.38	84.26 6.85 25.57	59.62 3.50 3.30	63.63 2.83 13.44	60.72 1.82 2.99	50.66 1.76 0.00
NYPA____ASTORIA_CC2 323569	56.35 1.94 0.00	53.47 2.51 0.00	52.12 2.79 0.00	50.38 2.81 0.00	48.64 2.60 0.00	53.90 2.41 0.00	56.05 2.35 0.00	58.18 2.66 0.00	67.92 3.19 0.00	72.19 3.33 0.00	74.55 3.32 0.00	90.44 4.73 0.00	84.32 5.52 0.00	88.04 6.90 0.00	79.15 4.95 -19.22	114.39 4.93 -50.55	120.29 5.80 -43.02	168.41 11.77 -10.96	99.99 8.12 19.38	84.26 6.85 25.57	59.62 3.50 3.30	63.63 2.83 13.44	60.72 1.82 2.99	50.66 1.76 0.00
NYPA____HOLTSVILL 23794	56.00 1.59 0.00	53.60 2.64 0.00	52.95 3.62 0.00	51.28 3.70 0.00	49.30 3.26 0.00	54.16 2.67 0.00	55.66 1.96 0.00	57.60 2.08 0.00	67.70 2.97 0.00	73.00 3.52 -0.61	82.53 3.88 -7.41	258.04 5.96 -166.37	226.81 6.43 -141.58	279.82 7.91 -190.78	295.33 5.83 -234.52	384.14 6.13 -319.10	827.20 7.15 -748.57	1660.59 14.47 -1500.43	324.94 10.54 -203.14	270.82 8.85 -158.97	296.91 4.69 -232.80	276.25 3.91 -198.10	162.86 2.40 -98.57	65.91 1.78 -15.23
NYPA____HELLGATE_GT1 24158	56.59 2.18 0.00	53.69 2.73 0.00	52.23 2.91 0.00	50.45 2.87 0.00	48.70 2.66 0.00	53.99 2.51 0.00	56.13 2.43 0.00	58.27 2.74 0.00	67.94 3.21 0.00	72.18 3.32 0.00	74.63 3.39 -0.01	90.63 4.91 -0.01	84.50 5.70 0.00	88.25 7.12 0.00	79.28 5.07 -19.23	114.54 5.07 -50.57	159.22 5.97 -81.78	173.63 12.09 -15.85	119.69 8.42 -0.01	110.08 7.08 -0.01	63.13 3.69 -0.01	77.34 3.09 -0.01	63.96 2.07 -0.01	50.83 1.94 0.00
NYPA____HELLGATE_GT2 24159	56.59 2.18 0.00	53.69 2.73 0.00	52.23 2.91 0.00	50.45 2.87 0.00	48.70 2.66 0.00	53.99 2.51 0.00	56.13 2.43 0.00	58.27 2.74 0.00	67.94 3.21 0.00	72.18 3.32 0.00	74.63 3.39 -0.01	90.63 4.91 -0.01	84.50 5.70 0.00	88.25 7.12 0.00	79.28 5.07 -19.23	114.54 5.07 -50.57	159.22 5.97 -81.78	173.63 12.09 -15.85	119.69 8.42 -0.01	110.08 7.08 -0.01	63.13 3.69 -0.01	77.34 3.09 -0.01	63.96 2.07 -0.01	50.83 1.94 0.00
NYS_BARGE____HYD 23848	54.15 -0.26 0.00	49.99 -0.97 0.00	48.51 -0.81 0.00	46.53 -1.05 0.00	45.10 -0.94 0.00	50.43 -1.06 0.00	51.99 -1.71 0.00	52.84 -2.69 0.00	61.76 -2.97 0.00	65.43 -3.43 0.00	68.29 -2.95 0.00	82.51 -3.19 0.00	76.29 -2.51 0.00	78.17 -2.96 0.00	52.81 -2.17 0.00	56.31 -2.59 0.00	68.79 -2.68 0.00	140.64 -5.05 0.00	108.69 -2.56 0.00	100.91 -2.08 0.00	58.57 -0.85 0.00	71.74 -2.51 0.00	59.36 -2.52 0.00	47.44 -1.45 0.00
OAK ORCHARD____HYD 24046	54.98 0.58 0.00	50.93 -0.03 0.00	49.34 0.01 0.00	47.42 -0.16 0.00	45.93 -0.10 0.00	51.35 -0.13 0.00	53.36 -0.34 0.00	54.86 -0.67 0.00	64.12 -0.61 0.00	68.08 -0.79 0.00	70.90 -0.34 0.00	85.60 -0.11 0.00	79.05 0.24 0.00	81.48 0.35 0.00	55.10 0.12 0.00	58.94 0.04 0.00	71.61 0.14 0.00	146.57 0.88 0.00	112.69 1.43 0.00	104.45 1.46 0.00	60.36 0.93 0.00	74.60 0.36 0.00	61.66 -0.22 0.00	48.79 -0.10 0.00

OAKDALE___35_KV_LOAD 356122	54.83 0.43 0.00	51.02 0.02 -0.04	49.68 0.31 -0.04	47.81 0.23 0.00	46.24 0.20 0.00	51.63 0.15 0.00	53.80 0.10 0.00	55.52 -0.01 0.00	64.94 0.08 -0.13	69.39 0.22 -0.30	71.91 0.40 -0.27	87.21 0.73 -0.77	79.74 0.69 -0.25	82.31 1.18 0.00	56.42 0.91 -0.53	61.47 0.72 -1.86	75.80 1.28 -3.05	148.85 2.59 -0.57	113.12 1.86 0.00	105.30 2.32 0.00	60.50 1.07 0.00	75.32 1.08 0.00	62.25 0.37 0.00	49.18 0.28 0.00
OCC_CHEM___DRP 24175	53.23 -1.18 0.00	49.14 -1.82 0.00	47.72 -1.61 0.00	45.78 -1.80 0.00	44.38 -1.66 0.00	49.60 -1.89 0.00	51.17 -2.53 0.00	52.11 -3.42 0.00	60.62 -4.11 0.00	64.15 -4.72 0.00	67.09 -4.15 0.00	81.14 -4.57 0.00	75.18 -3.63 0.00	77.02 -4.11 0.00	51.91 -3.07 0.00	55.40 -3.50 0.00	67.53 -3.94 0.00	138.18 -7.51 0.00	106.81 -4.44 0.00	99.20 -3.79 0.00	57.51 -1.92 0.00	70.50 -3.74 0.00	58.71 -3.17 0.00	46.83 -2.06 0.00
OH_GEN_PROXY 24063	55.34 -0.93 -1.87	50.24 -1.59 -0.87	47.94 -1.38 0.00	46.01 -1.56 0.00	44.59 -1.44 0.00	49.85 -1.64 0.00	51.49 -2.21 0.00	52.50 -3.03 0.00	61.31 -3.42 0.00	64.96 -3.91 0.00	67.92 -3.32 0.00	82.13 -3.58 0.00	76.10 -2.70 0.00	78.11 -3.03 0.00	52.63 -2.35 0.00	56.17 -2.74 0.00	68.51 -2.96 0.00	140.19 -5.51 0.00	108.29 -2.96 0.00	100.66 -2.33 0.00	58.25 -1.17 0.00	71.52 -2.73 0.00	59.17 -2.72 0.00	50.48 -1.77 -3.36
OLIN_CORP_DRP 24177	53.67 -0.73 0.00	49.58 -1.38 0.00	48.14 -1.18 0.00	46.16 -1.41 0.00	44.76 -1.28 0.00	50.02 -1.46 0.00	51.51 -2.18 0.00	52.21 -3.32 0.00	60.86 -3.87 0.00	64.38 -4.49 0.00	67.29 -3.95 0.00	81.36 -4.34 0.00	75.55 -3.26 0.00	77.40 -3.74 0.00	52.22 -2.76 0.00	55.75 -3.15 0.00	68.04 -3.43 0.00	139.01 -6.67 0.00	107.45 -3.80 0.00	99.74 -3.25 0.00	57.88 -1.55 0.00	70.92 -3.33 0.00	58.72 -3.16 0.00	47.03 -1.86 0.00
OLIN_CORP_DSASP 323712	53.23 -1.18 0.00	49.14 -1.82 0.00	47.72 -1.61 0.00	45.78 -1.80 0.00	44.38 -1.66 0.00	49.61 -1.88 0.00	51.17 -2.53 0.00	52.12 -3.40 0.00	60.62 -4.11 0.00	64.15 -4.72 0.00	67.10 -4.13 0.00	81.14 -4.56 0.00	75.19 -3.62 0.00	76.99 -4.14 0.00	51.95 -3.03 0.00	55.41 -3.49 0.00	67.56 -3.91 0.00	138.20 -7.49 0.00	106.81 -4.44 0.00	99.19 -3.80 0.00	57.51 -1.92 0.00	70.50 -3.75 0.00	58.71 -3.17 0.00	46.83 -2.07 0.00
ONEIDA_HERK_LFGE 323681	56.52 2.12 0.00	52.82 1.84 -0.02	51.14 1.79 -0.02	49.29 1.72 0.00	47.65 1.62 0.00	53.34 1.86 0.00	55.73 2.03 0.00	57.61 2.08 0.00	67.26 2.46 -0.07	71.37 2.34 -0.15	73.55 2.17 -0.14	88.55 2.44 -0.41	81.17 2.23 -0.13	83.38 2.25 0.00	56.53 1.55 0.00	60.38 1.48 0.00	73.44 1.97 0.00	150.10 4.42 0.00	114.94 3.69 0.00	106.83 3.83 0.00	62.02 2.60 0.00	77.46 3.21 0.00	64.29 2.40 0.00	50.66 1.76 0.00
ONEIDA___115KV_TB4 55905	56.46 2.05 0.00	52.72 1.73 -0.03	51.11 1.75 -0.03	49.25 1.67 0.00	47.61 1.57 0.00	53.23 1.75 0.00	55.61 1.91 0.00	57.51 1.98 0.00	67.23 2.40 -0.10	71.49 2.40 -0.22	73.98 2.54 -0.20	89.25 2.96 -0.59	81.82 2.82 -0.19	84.18 3.05 0.00	57.20 2.22 0.00	61.05 2.14 0.00	74.32 2.85 0.00	151.84 6.16 0.00	116.17 4.91 0.00	108.05 5.06 0.00	62.38 2.96 0.00	77.60 3.36 0.00	64.26 2.38 0.00	50.60 1.70 0.00
ONONDAGA_REF_OCCRA 23987	54.65 0.25 0.00	50.99 -0.03 -0.06	49.45 0.06 -0.07	47.62 0.04 0.00	46.07 0.04 0.00	51.46 -0.03 0.00	53.68 -0.02 0.00	55.50 -0.03 0.00	64.96 0.00 -0.22	69.34 -0.02 -0.49	71.73 0.04 -0.45	87.20 0.21 -1.29	79.42 0.19 -0.43	81.70 0.57 0.00	55.43 0.45 0.00	59.19 0.29 0.00	72.08 0.60 0.00	147.03 1.34 0.00	112.40 1.14 0.00	104.25 1.26 0.00	60.03 0.61 0.00	74.86 0.62 0.00	62.02 0.14 0.00	48.98 0.08 0.00
ONONDAGA___COGEN 23986	54.52 0.12 0.00	50.92 -0.14 -0.09	49.38 -0.05 -0.11	47.53 -0.05 0.00	45.98 -0.06 0.00	51.36 -0.12 0.00	53.54 -0.16 0.00	55.39 -0.14 0.00	64.90 -0.17 -0.34	69.42 -0.19 -0.75	71.72 -0.19 -0.68	87.44 -0.22 -1.95	79.17 -0.28 -0.64	81.07 -0.07 0.00	54.94 -0.04 0.00	58.81 -0.09 0.00	71.61 0.13 0.00	146.04 0.35 0.00	111.69 0.44 0.00	103.55 0.56 0.00	59.65 0.22 0.00	74.39 0.15 0.00	61.72 -0.16 0.00	48.82 -0.08 0.00
ONTARIO___LFGE 23819	55.55 1.15 0.00	51.51 0.51 -0.03	50.07 0.71 -0.04	48.10 0.53 0.00	46.57 0.53 0.00	52.09 0.60 0.00	54.34 0.64 0.00	55.95 0.42 0.00	65.35 0.51 -0.12	69.52 0.39 -0.26	72.15 0.68 -0.24	87.19 0.80 -0.69	80.08 1.05 -0.23	82.49 1.36 0.00	55.95 0.97 0.00	59.76 0.85 0.00	72.95 1.47 0.00	148.49 2.80 0.00	113.79 2.54 0.00	106.18 3.19 0.00	61.17 1.74 0.00	76.00 1.75 0.00	62.67 0.79 0.00	49.60 0.70 0.00
ORANGEVILLE_WT_PWR 323706	54.70 0.30 0.00	50.40 -0.56 0.00	48.99 -0.33 0.00	47.01 -0.57 0.00	45.55 -0.48 0.00	50.96 -0.53 0.00	52.87 -0.83 0.00	54.03 -1.49 0.00	63.11 -1.62 0.00	66.78 -2.09 0.00	69.57 -1.67 0.00	83.95 -1.75 0.00	77.58 -1.22 0.00	79.68 -1.45 0.00	54.04 -0.94 0.00	57.61 -1.30 0.00	70.38 -1.10 0.00	143.74 -1.95 0.00	110.74 -0.52 0.00	103.45 0.46 0.00	59.78 0.36 0.00	73.70 -0.54 0.00	60.83 -1.05 0.00	48.33 -0.57 0.00
ORANGEVILLE___ESR 323794	54.70 0.30 0.00	50.40 -0.56 0.00	48.99 -0.33 0.00	47.01 -0.57 0.00	45.55 -0.48 0.00	50.96 -0.53 0.00	52.87 -0.83 0.00	54.03 -1.49 0.00	63.11 -1.62 0.00	66.78 -2.09 0.00	69.57 -1.67 0.00	83.95 -1.75 0.00	77.58 -1.22 0.00	79.68 -1.45 0.00	54.04 -0.94 0.00	57.61 -1.30 0.00	70.38 -1.10 0.00	143.74 -1.95 0.00	110.74 -0.52 0.00	103.45 0.46 0.00	59.78 0.36 0.00	73.70 -0.54 0.00	60.83 -1.05 0.00	48.33 -0.57 0.00
OSWEGATCHIE___HYD 24044	56.12 1.72 0.00	52.46 1.47 -0.03	50.56 1.21 -0.03	48.66 1.08 0.00	47.14 1.10 0.00	52.94 1.46 0.00	55.44 1.74 0.00	57.04 1.52 0.00	66.47 1.64 -0.10	70.34 1.24 -0.23	71.86 0.41 -0.21	86.07 -0.24 -0.61	78.34 -0.66 -0.20	79.44 -1.69 0.00	53.75 -1.23 0.00	57.33 -1.58 0.00	69.66 -1.81 0.00	142.44 -3.25 0.00	109.30 -1.96 0.00	101.34 -1.65 0.00	59.50 0.08 0.00	75.50 1.26 0.00	63.20 1.32 0.00	50.04 1.14 0.00
OSWEGO___5 23606	53.41 -0.99 0.00	50.25 -1.11 -0.39	48.78 -1.00 -0.46	46.61 -0.97 0.00	45.11 -0.93 0.00	50.38 -1.10 0.00	52.50 -1.19 0.00	54.28 -1.25 0.00	64.69 -1.47 -1.44	70.45 -1.58 -3.16	72.56 -1.57 -2.89	92.21 -1.77 -8.28	80.00 -1.54 -2.73	79.78 -1.36 0.00	54.10 -0.88 0.00	57.91 -0.99 0.00	70.41 -1.06 0.00	143.64 -2.05 0.00	109.83 -1.43 0.00	101.80 -1.19 0.00	58.68 -0.74 0.00	73.11 -1.14 0.00	60.69 -1.19 0.00	47.95 -0.95 0.00
OSWEGO___6 23613	53.41 -0.99 0.00	50.25 -1.11 -0.39	48.78 -1.00 -0.46	46.61 -0.97 0.00	45.11 -0.93 0.00	50.38 -1.10 0.00	52.50 -1.19 0.00	54.28 -1.25 0.00	64.69 -1.47 -1.44	70.45 -1.58 -3.16	72.56 -1.57 -2.89	92.21 -1.77 -8.28	80.00 -1.54 -2.73	79.78 -1.36 0.00	54.10 -0.88 0.00	57.91 -0.99 0.00	70.41 -1.06 0.00	143.64 -2.05 0.00	109.83 -1.43 0.00	101.80 -1.19 0.00	58.68 -0.74 0.00	73.11 -1.14 0.00	60.69 -1.19 0.00	47.95 -0.95 0.00

OUTOKUMPU-AB____DRP 24206	54.56 0.15 0.00	50.29 -0.67 0.00	48.80 -0.53 0.00	46.78 -0.80 0.00	45.34 -0.69 0.00	50.71 -0.78 0.00	52.38 -1.32 0.00	53.38 -2.15 0.00	62.32 -2.40 0.00	66.00 -2.87 0.00	69.03 -2.21 0.00	83.44 -2.26 0.00	77.18 -1.62 0.00	79.20 -1.94 0.00	53.40 -1.58 0.00	56.93 -1.97 0.00	69.55 -1.92 0.00	142.26 -3.43 0.00	109.87 -1.38 0.00	102.14 -0.85 0.00	59.20 -0.22 0.00	72.46 -1.79 0.00	60.06 -1.83 0.00	47.88 -1.02 0.00
OXBOW____BTM 323836	53.92 -0.48 0.00	49.73 -1.23 0.00	48.26 -1.06 0.00	46.28 -1.29 0.00	44.85 -1.18 0.00	50.16 -1.33 0.00	51.78 -1.92 0.00	52.76 -2.77 0.00	61.49 -3.24 0.00	65.11 -3.76 0.00	68.12 -3.12 0.00	82.34 -3.37 0.00	75.98 -2.83 0.00	77.87 -3.26 0.00	52.56 -2.42 0.00	56.00 -2.90 0.00	68.37 -3.11 0.00	139.85 -5.85 0.00	108.03 -3.23 0.00	100.37 -2.62 0.00	58.20 -1.22 0.00	71.26 -2.99 0.00	59.22 -2.66 0.00	47.32 -1.58 0.00
OXBOW____ 24026	53.91 -0.49 0.00	49.72 -1.24 0.00	48.26 -1.06 0.00	46.29 -1.29 0.00	44.86 -1.18 0.00	50.16 -1.33 0.00	51.78 -1.92 0.00	52.75 -2.78 0.00	61.49 -3.24 0.00	65.09 -3.77 0.00	68.11 -3.13 0.00	82.33 -3.38 0.00	75.97 -2.83 0.00	77.90 -3.24 0.00	52.51 -2.47 0.00	55.99 -2.91 0.00	68.34 -3.14 0.00	139.83 -5.86 0.00	108.03 -3.23 0.00	100.38 -2.61 0.00	58.22 -1.21 0.00	71.26 -2.99 0.00	59.23 -2.65 0.00	47.32 -1.58 0.00
OXY_CHEM_DSASP 323612	53.23 -1.18 0.00	49.14 -1.82 0.00	47.72 -1.61 0.00	45.78 -1.80 0.00	44.38 -1.66 0.00	49.60 -1.89 0.00	51.17 -2.53 0.00	52.11 -3.42 0.00	60.62 -4.11 0.00	64.15 -4.72 0.00	67.09 -4.15 0.00	81.14 -4.57 0.00	75.18 -3.63 0.00	77.02 -4.11 0.00	51.91 -3.07 0.00	55.40 -3.50 0.00	67.53 -3.94 0.00	138.18 -7.51 0.00	106.81 -4.44 0.00	99.20 -3.79 0.00	57.51 -1.92 0.00	70.50 -3.74 0.00	58.71 -3.17 0.00	46.83 -2.06 0.00
OZONE_PARK_ESR 323760	57.14 2.74 0.00	54.01 3.05 0.00	52.60 3.28 0.00	50.77 3.20 0.00	49.04 3.00 0.00	54.43 2.94 0.00	56.61 2.91 0.00	58.88 3.35 0.00	68.78 4.05 0.00	73.27 4.40 0.00	75.91 4.67 0.00	92.16 6.45 0.00	85.80 7.00 0.00	89.61 8.47 0.00	80.38 6.17 -19.23	115.84 6.38 -50.56	160.82 7.57 -81.77	176.87 15.34 -15.84	122.07 10.81 0.00	112.29 9.30 0.00	64.23 4.80 0.00	78.71 4.46 0.00	64.92 3.04 0.00	51.43 2.53 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	53.23 -1.18 0.00	49.14 -1.82 0.00	47.72 -1.61 0.00	45.78 -1.80 0.00	44.38 -1.66 0.00	49.60 -1.89 0.00	51.17 -2.53 0.00	52.11 -3.42 0.00	60.62 -4.11 0.00	64.15 -4.72 0.00	67.09 -4.15 0.00	81.14 -4.57 0.00	75.18 -3.63 0.00	77.02 -4.11 0.00	51.91 -3.07 0.00	55.40 -3.50 0.00	67.53 -3.94 0.00	138.18 -7.51 0.00	106.81 -4.44 0.00	99.20 -3.79 0.00	57.51 -1.92 0.00	70.50 -3.74 0.00	58.71 -3.17 0.00	46.83 -2.06 0.00
PACKARD__115KV_DUPONT_184 80571	53.23 -1.18 0.00	49.14 -1.82 0.00	47.72 -1.61 0.00	45.78 -1.80 0.00	44.38 -1.66 0.00	49.60 -1.89 0.00	51.17 -2.53 0.00	52.11 -3.42 0.00	60.62 -4.11 0.00	64.15 -4.72 0.00	67.09 -4.15 0.00	81.14 -4.57 0.00	75.18 -3.63 0.00	77.02 -4.11 0.00	51.91 -3.07 0.00	55.40 -3.50 0.00	67.53 -3.94 0.00	138.18 -7.51 0.00	106.81 -4.44 0.00	99.20 -3.79 0.00	57.51 -1.92 0.00	70.50 -3.74 0.00	58.71 -3.17 0.00	46.83 -2.06 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	56.60 2.20 0.00	53.64 2.68 0.00	52.32 3.00 0.00	50.59 3.02 0.00	48.81 2.78 0.00	54.12 2.64 0.00	56.29 2.60 0.00	58.46 2.93 0.00	68.17 3.44 0.00	72.42 3.55 0.00	74.88 3.65 0.00	90.78 5.08 0.00	84.64 5.84 0.00	88.36 7.23 0.00	79.37 5.18 -19.22	114.64 5.17 -50.57	159.36 6.11 -81.78	173.85 12.31 -15.85	119.79 8.53 -0.01	110.24 7.24 -0.01	63.17 3.75 -0.01	77.39 3.14 -0.01	63.96 2.07 -0.01	50.80 1.90 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	58.48 4.07 0.00	55.37 4.40 0.00	54.34 5.02 0.00	52.63 5.05 0.00	50.61 4.57 0.00	56.20 4.72 0.00	58.49 4.79 0.00	60.68 5.16 0.00	70.72 5.99 0.00	74.85 5.98 0.00	77.51 6.28 0.00	94.30 8.59 0.00	87.78 8.97 0.00	91.63 10.50 0.00	81.57 7.37 -19.22	117.09 7.62 -50.57	162.31 9.06 -81.78	179.89 18.35 -15.85	124.37 13.10 -0.01	114.42 11.42 -0.01	65.58 6.15 -0.01	80.30 6.05 -0.01	66.35 4.46 -0.01	52.65 3.76 0.00
PATROON__115KV_TB1 80586	55.22 0.82 0.00	51.97 1.00 0.00	50.64 1.32 0.00	48.88 1.31 0.00	47.19 1.15 0.00	52.53 1.04 0.00	54.59 0.89 0.00	56.71 1.18 0.00	66.04 1.31 0.00	70.33 1.46 0.00	72.80 1.57 0.00	87.98 2.28 0.00	81.32 2.52 0.00	84.14 3.00 0.00	57.28 2.30 0.00	61.66 2.55 -0.20	74.33 2.86 0.00	151.57 5.88 0.00	115.94 4.68 0.00	107.04 4.05 0.00	61.44 2.02 0.00	76.29 2.04 0.00	63.05 1.17 0.00	49.68 0.78 0.00
PATTRSNVILLE____SOLAR 323815	56.42 2.01 0.00	52.87 1.91 0.00	51.36 2.04 0.00	49.58 2.00 0.00	47.87 1.84 0.00	53.38 1.90 0.00	55.56 1.86 0.00	57.44 1.91 0.00	66.80 2.08 0.00	70.98 2.11 0.00	73.49 2.26 0.00	88.51 2.80 0.00	80.97 2.16 0.00	83.62 2.48 0.00	56.76 1.78 0.00	61.44 2.03 -0.51	73.96 2.48 0.00	151.01 5.33 0.00	115.61 4.36 0.00	107.72 4.74 0.00	62.29 2.87 0.00	77.53 3.28 0.00	64.25 2.37 0.00	50.67 1.78 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	54.63 0.22 0.00	50.27 -0.69 0.00	48.81 -0.51 0.00	46.78 -0.79 0.00	45.33 -0.70 0.00	50.73 -0.76 0.00	52.58 -1.12 0.00	53.79 -1.74 0.00	62.88 -1.85 0.00	66.61 -2.26 0.00	69.55 -1.69 0.00	84.11 -1.59 0.00	78.00 -0.81 0.00	80.30 -0.84 0.00	54.10 -0.88 0.00	57.63 -1.28 0.00	70.56 -0.91 0.00	144.20 -1.49 0.00	111.08 -0.17 0.00	103.50 0.51 0.00	59.82 0.39 0.00	73.39 -0.85 0.00	60.50 -1.38 0.00	48.07 -0.82 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	56.95 2.54 0.00	53.65 2.68 0.00	52.21 2.88 0.00	50.39 2.81 0.00	48.64 2.61 0.00	54.05 2.56 0.00	56.24 2.54 0.00	58.50 2.98 0.00	68.33 3.61 0.00	72.83 3.96 0.00	75.59 4.36 0.00	91.97 6.27 0.00	85.55 6.74 0.00	89.27 8.14 0.00	76.89 5.92 -15.99	114.87 6.14 -49.82	160.15 7.50 -81.17	176.43 15.33 -15.41	122.27 11.02 0.00	112.46 9.48 0.00	64.36 4.93 0.00	79.09 4.85 0.00	65.12 3.24 0.00	51.37 2.47 0.00
PEEKSKILL____ 23653	56.18 1.77 0.00	53.02 2.05 0.00	51.60 2.27 0.00	49.81 2.24 0.00	48.10 2.06 0.00	53.41 1.92 0.00	55.54 1.85 0.00	57.70 2.18 0.00	67.34 2.61 0.00	71.72 2.85 0.00	74.34 3.10 0.00	90.27 4.57 0.00	84.00 5.19 0.00	87.63 6.50 0.00	122.48 4.83 -62.67	124.21 5.05 -60.26	167.42 5.95 -89.99	179.30 11.99 -21.62	119.76 8.51 0.00	110.19 7.20 0.00	63.09 3.67 0.00	77.52 3.27 0.00	63.93 2.04 0.00	50.57 1.67 0.00
PGE MADISON____WINDPWR 24146	58.88 4.47 0.00	54.82 3.82 -0.04	53.41 4.04 -0.05	51.37 3.80 0.00	49.74 3.70 0.00	55.67 4.19 0.00	58.32 4.62 0.00	60.27 4.74 0.00	70.55 5.68 -0.14	75.35 6.17 -0.31	77.89 6.37 -0.28	94.52 8.00 -0.81	86.03 6.96 -0.27	88.57 7.44 0.00	60.34 4.84 -0.52	65.71 4.98 -1.82	81.15 6.68 -3.00	160.14 13.88 -0.56	122.49 11.24 0.00	114.96 11.97 0.00	66.23 6.81 0.00	82.23 7.98 0.00	67.67 5.79 0.00	53.14 4.24 0.00

PIERCEFIELD___HYD 23852	55.02 0.62 0.00	51.56 0.58 -0.02	49.54 0.20 -0.02	47.68 0.10 0.00	46.25 0.22 0.00	52.18 0.69 0.00	54.69 1.00 0.00	56.16 0.63 0.00	65.34 0.55 -0.05	69.22 0.23 -0.11	70.72 -0.62 -0.11	84.36 -1.65 -0.30	76.82 -2.09 -0.10	77.20 -3.93 0.00	52.18 -2.81 0.00	55.76 -3.14 0.00	67.73 -3.74 0.00	138.12 -7.57 0.00	105.72 -5.54 0.00	97.90 -5.09 0.00	57.10 -2.32 0.00	73.25 -1.00 0.00	61.90 0.01 0.00	49.25 0.35 0.00
PINELAWN_CC_1 323563	56.26 1.86 0.00	53.73 2.76 0.00	52.91 3.59 0.00	51.16 3.58 0.00	49.18 3.14 0.00	54.12 2.64 0.00	55.79 2.09 0.00	57.89 2.36 0.00	67.90 3.17 0.00	72.76 3.77 -0.12	75.90 4.19 -0.47	104.81 6.40 -12.70	97.08 6.88 -11.39	147.46 8.48 -57.84	251.33 6.29 -190.06	385.00 6.69 -319.41	819.79 7.95 -740.36	1668.16 16.17 -1506.30	301.83 11.85 -178.73	143.53 9.83 -30.71	113.18 5.20 -48.55	91.54 4.59 -12.71	71.24 2.81 -6.54	51.95 2.05 -1.01
PJM_GEN_HTTP_PROXY 323702	56.45 2.05 0.00	52.49 2.43 0.90	52.08 2.68 -0.07	49.46 2.64 0.76	48.51 2.47 0.00	53.82 2.34 0.00	55.97 2.27 0.00	58.18 2.66 0.00	67.97 3.24 0.00	72.40 3.53 0.00	74.98 3.74 0.00	90.99 5.28 0.00	86.01 5.89 -1.32	88.43 7.30 0.00	79.58 5.36 -19.24	114.24 5.50 -49.83	158.76 6.51 -80.78	174.64 13.11 -15.84	120.44 9.18 0.00	110.78 7.79 0.00	63.39 3.96 0.00	80.47 3.46 -2.76	64.12 2.23 0.00	51.78 1.90 -0.98
PJM_GEN_KEystone 24065	54.75 0.35 0.00	50.21 0.14 0.90	49.78 0.39 -0.07	45.30 0.26 2.54	46.29 0.25 0.00	51.37 0.07 0.19	53.65 -0.05 0.00	55.25 -0.18 0.09	64.47 -0.12 0.14	68.56 -0.33 -0.03	71.31 -0.04 -0.11	86.48 0.55 -0.22	81.46 1.34 -1.32	83.31 2.18 0.00	59.78 1.64 -3.15	84.15 1.46 -23.78	111.20 2.03 -37.69	156.74 4.09 -6.96	113.23 2.94 0.96	105.11 2.90 0.78	60.55 1.28 0.16	77.11 0.66 -2.21	61.77 -0.10 0.01	30.24 0.07 18.72
PJM_GEN_NEPTUNE_PROXY 323594	55.76 1.36 0.00	52.27 2.21 0.90	52.28 2.89 -0.07	49.72 2.90 0.76	48.55 2.51 0.00	53.51 2.02 0.00	55.27 1.57 0.00	57.36 2.31 0.00	67.19 2.47 0.00	71.77 2.90 0.00	74.49 3.25 0.00	91.16 5.13 -0.32	86.65 5.72 -2.12	136.62 7.18 -48.31	247.46 5.40 -187.09	382.26 5.68 -317.67	815.04 6.63 -736.93	1646.55 13.38 -1487.48	297.51 9.55 -176.70	132.96 7.85 -22.12	98.96 4.08 -35.45	80.29 3.28 -2.76	63.77 1.89 0.00	51.28 1.40 -0.98
PJM_GEN_VFT_PROXY 323633	56.14 1.73 0.00	52.20 2.13 0.90	51.79 2.40 -0.07	49.20 2.38 0.76	48.28 2.25 0.00	53.53 2.05 0.00	55.67 1.97 0.00	56.53 2.31 1.31	65.57 2.80 1.96	70.70 3.05 1.23	74.50 3.26 0.00	90.36 4.65 -1.32	85.47 5.35 0.00	87.89 6.76 0.00	79.17 4.96 -19.23	113.80 5.06 -49.84	128.02 5.94 -50.61	169.26 11.96 -11.61	105.77 8.29 13.77	98.82 6.97 11.14	60.62 3.50 2.30	71.91 2.86 5.19	63.53 1.76 0.12	51.51 1.64 -0.98
PLATSBURG_115KV_PMLD1 355749	53.61 -0.79 0.00	50.51 -0.45 0.00	48.99 -0.34 0.00	47.23 -0.34 0.00	45.72 -0.31 0.00	51.07 -0.42 0.00	53.64 -0.06 0.00	54.97 -0.56 0.00	64.03 -0.69 0.00	67.82 -1.05 0.00	69.91 -1.32 0.00	84.04 -1.67 0.00	76.88 -1.93 0.00	78.16 -2.98 0.00	52.69 -2.29 0.00	56.41 -2.49 0.00	68.42 -3.05 0.00	139.55 -6.14 0.00	106.84 -4.41 0.00	99.32 -3.67 0.00	57.36 -2.07 0.00	72.48 -1.77 0.00	61.18 -0.70 0.00	48.32 -0.57 0.00
PLEASANTVLY___LBMP 24000	55.90 1.50 0.00	52.72 1.76 0.00	51.35 2.02 0.00	49.58 2.01 0.00	47.86 1.82 0.00	53.16 1.68 0.00	55.27 1.58 0.00	57.45 1.92 0.00	67.00 2.27 0.00	71.33 2.46 0.00	73.94 2.71 0.00	89.74 4.04 0.00	83.37 4.56 0.00	86.85 5.71 0.00	76.79 4.28 -17.53	117.57 4.49 -54.18	164.93 5.27 -88.18	173.05 10.60 -16.76	118.87 7.62 0.00	109.45 6.45 0.00	62.71 3.29 0.00	77.22 2.97 0.00	63.73 1.84 0.00	50.35 1.45 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	56.37 1.96 0.00	53.22 2.26 0.00	51.83 2.51 0.00	50.04 2.47 0.00	48.30 2.27 0.00	53.64 2.16 0.00	55.81 2.11 0.00	57.99 2.47 0.00	67.69 2.96 0.00	72.12 3.25 0.00	74.76 3.52 0.00	90.80 5.09 0.00	84.46 5.66 0.00	88.11 6.97 0.00	78.29 5.14 -18.17	115.10 5.36 -50.83	160.25 6.34 -82.44	174.36 12.82 -15.85	120.36 9.11 0.00	110.78 7.79 0.00	63.43 4.00 0.00	77.91 3.66 0.00	64.25 2.36 0.00	50.79 1.90 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	56.37 1.96 0.00	53.22 2.26 0.00	51.83 2.51 0.00	50.04 2.47 0.00	48.30 2.27 0.00	53.64 2.16 0.00	55.81 2.11 0.00	57.99 2.47 0.00	67.69 2.96 0.00	72.12 3.25 0.00	74.76 3.52 0.00	90.80 5.09 0.00	84.46 5.66 0.00	88.11 6.97 0.00	78.29 5.14 -18.17	115.10 5.36 -50.83	160.25 6.34 -82.44	174.36 12.82 -15.85	120.36 9.11 0.00	110.78 7.79 0.00	63.43 4.00 0.00	77.91 3.66 0.00	64.25 2.36 0.00	50.79 1.90 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	56.62 2.22 0.00	53.29 2.33 0.00	51.87 2.54 0.00	50.07 2.49 0.00	48.33 2.29 0.00	53.72 2.23 0.00	55.91 2.21 0.00	58.16 2.63 0.00	67.85 3.12 0.00	72.26 3.40 0.00	74.95 3.72 0.00	91.15 5.44 0.00	84.73 5.92 0.00	88.35 7.22 0.00	73.87 5.24 -13.66	112.56 5.50 -48.15	156.94 6.70 -78.77	174.22 13.76 -14.77	121.17 9.91 0.00	111.56 8.57 0.00	63.89 4.46 0.00	78.61 4.37 0.00	64.77 2.88 0.00	51.10 2.21 0.00
POLETTI____ 23519	56.39 1.99 0.00	53.34 2.38 0.00	51.97 2.65 0.00	50.19 2.62 0.00	48.48 2.44 0.00	53.79 2.30 0.00	55.92 2.22 0.00	58.16 2.63 0.00	67.91 3.18 0.00	72.33 3.47 0.00	74.89 3.66 0.00	90.87 5.16 0.00	84.57 5.77 0.00	88.34 7.21 0.00	79.50 5.29 -19.23	114.90 5.44 -50.56	159.65 6.41 -81.77	174.49 12.96 -15.84	120.22 8.97 0.00	110.62 7.63 0.00	63.28 3.86 0.00	77.54 3.29 0.00	64.00 2.12 0.00	50.73 1.83 0.00
POMONA___ESR 323819	56.22 1.82 0.00	53.01 2.05 0.00	51.56 2.23 0.00	49.76 2.19 0.00	48.04 2.00 0.00	53.36 1.88 0.00	55.53 1.83 0.00	57.68 2.16 0.00	67.32 2.59 0.00	71.69 2.82 0.00	74.40 3.17 0.00	90.35 4.65 0.00	84.09 5.28 0.00	87.76 6.63 0.00	64.31 4.89 -4.44	108.37 5.15 -44.32	151.61 6.12 -74.02	171.02 12.30 -13.03	119.89 8.63 0.00	110.29 7.30 0.00	63.13 3.70 0.00	77.56 3.32 0.00	63.97 2.09 0.00	50.59 1.69 0.00
PORT_JEFF_3 23555	55.98 1.58 0.00	53.69 2.72 0.00	53.05 3.72 0.00	51.37 3.79 0.00	49.37 3.33 0.00	54.24 2.75 0.00	55.63 1.93 0.00	57.46 1.93 0.00	67.53 2.80 0.00	72.88 3.34 -0.67	82.76 3.66 -7.87	266.51 5.72 -175.08	236.63 6.23 -151.60	285.75 7.72 -196.89	298.78 5.73 -238.07	384.01 6.00 -319.10	829.32 7.07 -750.78	1660.47 14.28 -1500.50	327.12 10.35 -205.52	278.71 8.54 -167.19	305.30 4.59 -241.29	285.85 3.76 -207.85	166.95 2.25 -102.81	66.43 1.65 -15.89
PORT_JEFF_4 23616	55.98 1.58 0.00	53.69 2.72 0.00	53.05 3.72 0.00	51.37 3.79 0.00	49.37 3.33 0.00	54.24 2.75 0.00	55.63 1.93 0.00	57.46 1.93 0.00	67.53 2.80 0.00	72.88 3.34 -0.67	82.76 3.66 -7.87	266.51 5.72 -175.08	236.63 6.23 -151.60	285.75 7.72 -196.89	298.78 5.73 -238.07	384.01 6.00 -319.10	829.32 7.07 -750.78	1660.47 14.28 -1500.50	327.12 10.35 -205.52	278.71 8.54 -167.19	305.30 4.59 -241.29	285.85 3.76 -207.85	166.95 2.25 -102.81	66.43 1.65 -15.89

PORT_JEFF_IC 23713	56.13 1.72 0.00	53.80 2.83 0.00	53.14 3.82 0.00	51.47 3.89 0.00	49.45 3.42 0.00	54.34 2.85 0.00	55.76 2.06 0.00	57.65 2.12 0.00	67.77 3.04 0.00	73.29 3.55 -0.87	84.52 3.75 -9.53	298.50 5.89 -206.90	272.71 6.37 -187.53	308.62 7.89 -219.60	311.60 5.87 -250.75	384.13 6.10 -319.12	837.20 7.36 -758.37	1661.42 14.93 -1500.79	335.89 10.72 -213.92	308.56 8.67 -196.90	337.01 4.79 -272.80	321.84 4.00 -243.61	182.84 2.41 -118.55	68.97 1.76 -18.32
PPL PILGRIM_ST_GT1 24216	56.36 1.95 0.00	53.91 2.94 0.00	53.20 3.88 0.00	51.51 3.94 0.00	49.51 3.47 0.00	54.36 2.88 0.00	55.93 2.23 0.00	57.95 2.42 0.00	68.07 3.34 0.00	73.58 3.94 -0.78	76.96 4.20 -1.52	127.45 6.10 -35.65	115.13 6.48 -29.85	168.10 8.09 -78.88	257.33 6.01 -196.34	384.53 6.42 -319.22	819.65 7.57 -740.61	1663.67 15.40 -1502.58	303.96 11.20 -181.51	160.96 9.20 -48.78	141.73 4.86 -77.45	118.99 3.98 -40.76	85.44 2.58 -20.98	54.10 1.96 -3.24
PPL PILGRIM_ST_GT2 24217	56.36 1.95 0.00	53.91 2.94 0.00	53.20 3.88 0.00	51.51 3.94 0.00	49.51 3.47 0.00	54.36 2.88 0.00	55.93 2.23 0.00	57.95 2.42 0.00	68.07 3.34 0.00	73.58 3.94 -0.78	76.96 4.20 -1.52	127.45 6.10 -35.65	115.13 6.48 -29.85	168.10 8.09 -78.88	257.33 6.01 -196.34	384.53 6.42 -319.22	819.65 7.57 -740.61	1663.67 15.40 -1502.58	303.96 11.20 -181.51	160.96 9.20 -48.78	141.73 4.86 -77.45	118.99 3.98 -40.76	85.44 2.58 -20.98	54.10 1.96 -3.24
PPL_SHRM_GT3 24213	56.09 1.69 0.00	53.67 2.70 0.00	53.03 3.71 0.00	51.35 3.77 0.00	49.36 3.33 0.00	54.33 2.84 0.00	55.84 2.14 0.00	57.76 2.24 0.00	68.00 3.27 0.00	73.47 3.89 -0.72	83.70 4.31 -8.15	272.19 6.47 -180.02	243.25 6.58 -157.87	289.48 8.29 -200.05	301.22 6.03 -240.21	384.39 6.38 -319.11	829.64 5.90 -752.27	1657.15 10.82 -1500.65	327.53 9.30 -206.98	284.27 9.49 -171.80	310.26 5.16 -245.67	291.69 4.38 -213.07	169.70 2.82 -105.00	67.32 2.19 -16.23
PPL_SHRM_GT4 24214	56.09 1.69 0.00	53.67 2.70 0.00	53.03 3.71 0.00	51.35 3.77 0.00	49.36 3.33 0.00	54.33 2.84 0.00	55.84 2.14 0.00	57.76 2.24 0.00	68.00 3.27 0.00	73.47 3.89 -0.72	83.70 4.31 -8.15	272.19 6.47 -180.02	243.25 6.58 -157.87	289.48 8.29 -200.05	301.22 6.03 -240.21	384.39 6.38 -319.11	829.64 5.90 -752.27	1657.15 10.82 -1500.65	327.53 9.30 -206.98	284.27 9.49 -171.80	310.26 5.16 -245.67	291.69 4.38 -213.07	169.70 2.82 -105.00	67.32 2.19 -16.23
PROJECT___ORANGE 1 24174	54.29 -0.11 0.00	50.65 -0.37 -0.05	49.10 -0.28 -0.06	47.29 -0.28 0.00	45.77 -0.26 0.00	51.14 -0.35 0.00	53.31 -0.39 0.00	55.11 -0.41 0.00	64.47 -0.45 -0.19	68.80 -0.48 -0.41	71.18 -0.43 -0.38	86.48 -0.30 -1.08	78.98 0.16 -0.35	81.30 0.18 0.00	55.16 0.18 0.00	58.95 0.05 0.00	71.69 0.22 0.00	146.23 0.55 0.00	111.79 0.54 0.00	103.64 0.65 0.00	59.70 0.27 0.00	74.37 0.12 0.00	61.63 -0.25 0.00	48.66 -0.24 0.00
PROJECT___ORANGE 2 24166	54.29 -0.11 0.00	50.65 -0.37 -0.05	49.10 -0.28 -0.06	47.29 -0.28 0.00	45.77 -0.26 0.00	51.14 -0.35 0.00	53.31 -0.39 0.00	55.11 -0.41 0.00	64.47 -0.45 -0.19	68.80 -0.48 -0.41	71.18 -0.43 -0.38	86.48 -0.30 -1.08	78.98 0.16 -0.35	81.30 0.18 0.00	55.16 0.18 0.00	58.95 0.05 0.00	71.69 0.22 0.00	146.23 0.55 0.00	111.79 0.54 0.00	103.64 0.65 0.00	59.70 0.27 0.00	74.37 0.12 0.00	61.63 -0.25 0.00	48.66 -0.24 0.00
PUCKETT___SOLAR 323809	55.78 1.38 0.00	51.93 0.94 -0.04	50.55 1.19 -0.04	48.66 1.09 0.00	47.09 1.05 0.00	52.59 1.11 0.00	54.85 1.15 0.00	56.62 1.09 0.00	66.22 1.36 -0.13	70.71 1.55 -0.29	73.13 1.63 -0.27	88.85 2.39 -0.76	81.00 1.95 -0.25	83.52 2.39 0.00	57.10 1.56 -0.55	62.37 1.53 -1.93	76.91 2.26 -3.17	151.69 5.41 -0.59	115.19 3.94 0.00	107.56 4.58 0.00	61.89 2.47 0.00	77.04 2.79 0.00	63.56 1.68 0.00	50.15 1.25 0.00
PYRITES___HYD 24023	56.12 1.72 0.00	52.53 1.57 0.00	50.44 1.12 0.00	48.56 0.98 0.00	47.13 1.10 0.00	53.22 1.74 0.00	55.86 2.17 0.00	57.24 1.71 0.00	66.56 1.83 0.00	70.41 1.54 0.00	72.06 0.83 0.00	85.78 0.07 0.00	77.94 -0.87 0.00	78.51 -2.63 0.00	53.25 -1.73 0.00	57.15 -1.76 0.00	69.34 -2.13 0.00	141.49 -4.20 0.00	108.48 -2.77 0.00	100.53 -2.46 0.00	58.63 -0.79 0.00	75.15 0.90 0.00	63.42 1.53 0.00	50.32 1.43 0.00
QUAKERRD_115KV_BK1 80622	53.75 -0.66 0.00	49.84 -1.12 0.00	48.29 -1.04 0.00	46.45 -1.13 0.00	44.98 -1.06 0.00	50.29 -1.19 0.00	52.28 -1.42 0.00	53.83 -1.69 0.00	62.88 -1.86 0.00	66.78 -2.09 0.00	69.47 -1.76 0.00	83.85 -1.85 0.00	77.45 -1.35 0.00	79.87 -1.26 0.00	54.01 -0.97 0.00	57.79 -1.12 0.00	70.20 -1.27 0.00	143.60 -2.09 0.00	110.30 -0.95 0.00	102.27 -0.72 0.00	59.06 -0.37 0.00	73.10 -1.14 0.00	60.44 -1.45 0.00	47.79 -1.10 0.00
QUENSBRY_115KV_TB8 356137	57.53 3.13 0.00	53.85 2.88 0.00	52.29 2.97 0.00	50.39 2.81 0.00	48.60 2.57 0.00	54.19 2.71 0.00	56.52 2.83 0.00	58.63 3.11 0.00	68.18 3.45 0.00	72.29 3.42 0.00	74.27 3.04 0.00	89.90 4.19 0.00	82.82 4.02 0.00	85.52 4.39 0.00	58.12 3.15 0.00	63.32 3.54 -0.88	75.61 4.14 0.00	154.31 8.62 0.00	119.26 8.01 0.00	110.75 7.76 0.00	63.54 4.11 0.00	79.06 4.81 0.00	65.38 3.50 0.00	51.42 2.52 0.00
RAMAPO___LBMP 323565	55.95 1.55 0.00	52.77 1.81 0.00	51.32 2.00 0.00	49.54 1.96 0.00	47.82 1.79 0.00	53.12 1.63 0.00	55.30 1.60 0.00	57.42 1.89 0.00	66.96 2.24 0.00	71.28 2.41 0.00	73.93 2.70 0.00	89.74 4.03 0.00	83.48 4.68 0.00	87.11 5.98 0.00	63.18 4.45 -3.74	107.15 4.70 -43.55	149.85 5.53 -72.85	169.55 11.10 -12.76	119.04 7.78 0.00	109.54 6.55 0.00	62.72 3.29 0.00	77.10 2.86 0.00	63.60 1.72 0.00	50.32 1.43 0.00
RANKINE___ 23646	54.82 0.41 0.00	50.48 -0.48 0.00	49.03 -0.30 0.00	46.99 -0.59 0.00	45.53 -0.50 0.00	50.93 -0.55 0.00	52.72 -0.97 0.00	53.85 -1.68 0.00	62.96 -1.78 0.00	66.67 -2.20 0.00	69.65 -1.59 0.00	84.28 -1.43 0.00	78.11 -0.69 0.00	80.25 -0.88 0.00	54.08 -0.90 0.00	57.63 -1.27 0.00	70.52 -0.96 0.00	144.16 -1.53 0.00	111.11 -0.14 0.00	103.53 0.54 0.00	59.87 0.45 0.00	73.47 -0.78 0.00	60.63 -1.26 0.00	48.22 -0.68 0.00
RAVENSWOOD_GT2_1 24244	56.50 2.10 0.00	53.42 2.46 0.00	52.05 2.73 0.00	50.26 2.69 0.00	48.54 2.50 0.00	53.87 2.38 0.00	56.01 2.31 0.00	58.23 2.70 0.00	67.98 3.25 0.00	72.40 3.53 0.00	74.95 3.71 0.00	90.93 5.23 0.00	84.63 5.82 0.00	88.35 7.22 0.00	79.50 5.31 -19.22	114.90 5.44 -50.56	159.68 6.43 -81.77	174.54 13.01 -15.84	120.34 9.08 0.00	110.71 7.72 0.00	63.37 3.95 0.00	77.69 3.44 0.00	64.12 2.24 0.00	50.80 1.90 0.00
RAVENSWOOD_GT2_2 24245	56.50 2.10 0.00	53.42 2.46 0.00	52.05 2.73 0.00	50.26 2.69 0.00	48.54 2.50 0.00	53.87 2.38 0.00	56.01 2.31 0.00	58.23 2.70 0.00	67.98 3.25 0.00	72.40 3.53 0.00	74.95 3.71 0.00	90.93 5.23 0.00	84.63 5.82 0.00	88.35 7.22 0.00	79.50 5.31 -19.22	114.90 5.44 -50.56	159.68 6.43 -81.77	174.54 13.01 -15.84	120.34 9.08 0.00	110.71 7.72 0.00	63.37 3.95 0.00	77.69 3.44 0.00	64.12 2.24 0.00	50.80 1.90 0.00

RAVENSWOOD_GT2_3 24246	56.53 2.13 0.00	53.46 2.50 0.00	52.08 2.76 0.00	50.30 2.72 0.00	48.57 2.54 0.00	53.90 2.41 0.00	56.04 2.34 0.00	58.27 2.74 0.00	68.03 3.30 0.00	72.46 3.59 0.00	75.02 3.78 0.00	91.00 5.29 0.00	84.71 5.90 0.00	88.44 7.30 0.00	79.55 5.35 -19.22	114.96 5.50 -50.56	159.74 6.50 -81.77	174.65 13.12 -15.84	120.43 9.17 0.00	110.80 7.81 0.00	63.42 4.00 0.00	77.75 3.51 0.00	64.18 2.30 0.00	50.84 1.94 0.00
RAVENSWOOD_GT2_4 24247	56.53 2.13 0.00	53.46 2.50 0.00	52.08 2.76 0.00	50.30 2.72 0.00	48.57 2.54 0.00	53.90 2.41 0.00	56.04 2.34 0.00	58.27 2.74 0.00	68.03 3.30 0.00	72.46 3.59 0.00	75.02 3.78 0.00	91.00 5.29 0.00	84.71 5.90 0.00	88.44 7.30 0.00	79.55 5.35 -19.22	114.96 5.50 -50.56	159.74 6.50 -81.77	174.65 13.12 -15.84	120.43 9.17 0.00	110.80 7.81 0.00	63.42 4.00 0.00	77.75 3.51 0.00	64.18 2.30 0.00	50.84 1.94 0.00
RAVENSWOOD_GT3_1 24248	56.50 2.10 0.00	53.43 2.46 0.00	52.05 2.73 0.00	50.27 2.69 0.00	48.54 2.50 0.00	53.87 2.38 0.00	56.01 2.31 0.00	58.23 2.70 0.00	67.98 3.25 0.00	72.41 3.54 0.00	74.95 3.71 0.00	90.93 5.23 0.00	84.64 5.83 0.00	88.36 7.23 0.00	79.51 5.31 -19.22	114.90 5.44 -50.56	159.68 6.43 -81.77	174.54 13.01 -15.84	120.34 9.08 0.00	110.71 7.72 0.00	63.37 3.95 0.00	77.69 3.44 0.00	64.12 2.24 0.00	50.80 1.90 0.00
RAVENSWOOD_GT3_2 24249	56.50 2.10 0.00	53.43 2.46 0.00	52.05 2.73 0.00	50.27 2.69 0.00	48.54 2.50 0.00	53.87 2.38 0.00	56.01 2.31 0.00	58.23 2.70 0.00	67.98 3.25 0.00	72.41 3.54 0.00	74.95 3.71 0.00	90.93 5.23 0.00	84.64 5.83 0.00	88.36 7.23 0.00	79.51 5.31 -19.22	114.90 5.44 -50.56	159.68 6.43 -81.77	174.54 13.01 -15.84	120.34 9.08 0.00	110.71 7.72 0.00	63.37 3.95 0.00	77.69 3.44 0.00	64.12 2.24 0.00	50.80 1.90 0.00
RAVENSWOOD_GT3_3 24250	56.62 2.21 0.00	53.54 2.58 0.00	52.16 2.83 0.00	50.36 2.79 0.00	48.64 2.60 0.00	53.98 2.49 0.00	56.12 2.42 0.00	58.35 2.82 0.00	68.13 3.40 0.00	72.59 3.72 0.00	75.15 3.92 0.00	91.17 5.47 0.00	84.86 6.06 0.00	88.61 7.47 0.00	79.67 5.47 -19.22	115.08 5.62 -50.56	159.89 6.65 -81.77	174.98 13.45 -15.84	120.66 9.40 0.00	111.01 8.02 0.00	63.54 4.12 0.00	77.89 3.65 0.00	64.29 2.41 0.00	50.92 2.02 0.00
RAVENSWOOD_GT3_4 24251	56.62 2.21 0.00	53.54 2.58 0.00	52.16 2.83 0.00	50.36 2.79 0.00	48.64 2.60 0.00	53.98 2.49 0.00	56.12 2.42 0.00	58.35 2.82 0.00	68.13 3.40 0.00	72.59 3.72 0.00	75.15 3.92 0.00	91.17 5.47 0.00	84.86 6.06 0.00	88.61 7.47 0.00	79.67 5.47 -19.22	115.08 5.62 -50.56	159.89 6.65 -81.77	174.98 13.45 -15.84	120.66 9.40 0.00	111.01 8.02 0.00	63.54 4.12 0.00	77.89 3.65 0.00	64.29 2.41 0.00	50.92 2.02 0.00
RAVENSWOOD_GT_1 23729	56.46 2.06 0.00	53.57 2.60 0.00	52.19 2.87 0.00	50.45 2.87 0.00	48.69 2.65 0.00	53.98 2.50 0.00	56.14 2.44 0.00	58.29 2.77 0.00	68.07 3.35 0.00	72.35 3.49 0.00	74.77 3.53 0.00	90.69 4.98 0.00	84.53 5.72 0.00	88.25 7.11 0.00	79.32 5.12 -19.22	114.60 5.14 -50.56	122.05 6.06 -44.52	168.99 12.23 -11.07	101.33 8.48 18.40	87.12 7.17 23.04	59.99 3.69 3.12	64.83 3.07 12.48	61.40 2.00 2.48	50.75 1.85 0.00
RAVENSWOOD_GT_10 24258	56.50 2.10 0.00	53.43 2.46 0.00	52.05 2.73 0.00	50.26 2.69 0.00	48.54 2.50 0.00	53.87 2.39 0.00	56.01 2.31 0.00	58.23 2.70 0.00	67.98 3.25 0.00	72.41 3.54 0.00	74.96 3.72 0.00	90.96 5.26 0.00	84.65 5.84 0.00	88.38 7.24 0.00	79.52 5.33 -19.22	114.92 5.46 -50.56	159.72 6.47 -81.77	174.61 13.08 -15.84	120.34 9.08 0.00	110.74 7.75 0.00	63.39 3.97 0.00	77.71 3.46 0.00	64.15 2.26 0.00	50.80 1.91 0.00
RAVENSWOOD_GT_11 24259	56.50 2.10 0.00	53.43 2.46 0.00	52.05 2.73 0.00	50.26 2.69 0.00	48.54 2.50 0.00	53.87 2.39 0.00	56.01 2.31 0.00	58.23 2.70 0.00	67.98 3.25 0.00	72.41 3.54 0.00	74.96 3.72 0.00	90.96 5.26 0.00	84.65 5.84 0.00	88.38 7.24 0.00	79.52 5.33 -19.22	114.92 5.46 -50.56	159.72 6.47 -81.77	174.61 13.08 -15.84	120.34 9.08 0.00	110.74 7.75 0.00	63.39 3.97 0.00	77.71 3.46 0.00	64.15 2.26 0.00	50.80 1.91 0.00
RAVENSWOOD_GT_4 24252	56.50 2.10 0.00	53.43 2.47 0.00	52.06 2.73 0.00	50.27 2.69 0.00	48.54 2.51 0.00	53.87 2.39 0.00	56.01 2.31 0.00	58.24 2.71 0.00	67.98 3.25 0.00	72.41 3.54 0.00	74.96 3.72 0.00	90.95 5.24 0.00	84.64 5.83 0.00	88.37 7.24 0.00	79.51 5.31 -19.22	114.91 5.45 -50.56	159.68 6.44 -81.77	174.54 13.01 -15.84	120.34 9.08 0.00	110.71 7.72 0.00	63.37 3.95 0.00	77.69 3.45 0.00	64.13 2.25 0.00	50.80 1.90 0.00
RAVENSWOOD_GT_5 24254	56.50 2.10 0.00	53.43 2.47 0.00	52.06 2.73 0.00	50.27 2.69 0.00	48.54 2.51 0.00	53.87 2.39 0.00	56.01 2.31 0.00	58.24 2.71 0.00	67.98 3.25 0.00	72.41 3.54 0.00	74.96 3.72 0.00	90.95 5.24 0.00	84.64 5.83 0.00	88.37 7.24 0.00	79.51 5.31 -19.22	114.91 5.45 -50.56	159.68 6.44 -81.77	174.54 13.01 -15.84	120.34 9.08 0.00	110.71 7.72 0.00	63.37 3.95 0.00	77.69 3.45 0.00	64.13 2.25 0.00	50.80 1.90 0.00
RAVENSWOOD_GT_6 24253	56.50 2.10 0.00	53.43 2.47 0.00	52.06 2.73 0.00	50.27 2.69 0.00	48.54 2.51 0.00	53.87 2.39 0.00	56.01 2.31 0.00	58.24 2.71 0.00	67.98 3.25 0.00	72.41 3.54 0.00	74.96 3.72 0.00	90.95 5.24 0.00	84.64 5.83 0.00	88.37 7.24 0.00	79.51 5.31 -19.22	114.91 5.45 -50.56	159.68 6.44 -81.77	174.54 13.01 -15.84	120.34 9.08 0.00	110.71 7.72 0.00	63.37 3.95 0.00	77.69 3.45 0.00	64.13 2.25 0.00	50.80 1.90 0.00
RAVENSWOOD_GT_7 24255	56.50 2.10 0.00	53.43 2.47 0.00	52.06 2.73 0.00	50.27 2.69 0.00	48.54 2.51 0.00	53.87 2.39 0.00	56.01 2.31 0.00	58.24 2.71 0.00	67.98 3.25 0.00	72.41 3.54 0.00	74.96 3.72 0.00	90.95 5.24 0.00	84.64 5.83 0.00	88.37 7.24 0.00	79.51 5.31 -19.22	114.91 5.45 -50.56	159.68 6.44 -81.77	174.54 13.01 -15.84	120.34 9.08 0.00	110.71 7.72 0.00	63.37 3.95 0.00	77.69 3.45 0.00	64.13 2.25 0.00	50.80 1.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	56.50 2.10 0.00	53.43 2.46 0.00	52.05 2.73 0.00	50.26 2.69 0.00	48.54 2.50 0.00	53.87 2.39 0.00	56.01 2.31 0.00	58.23 2.70 0.00	67.98 3.25 0.00	72.41 3.54 0.00	74.96 3.72 0.00	90.96 5.26 0.00	84.65 5.84 0.00	88.38 7.24 0.00	79.52 5.33 -19.22	114.92 5.46 -50.56	159.72 6.47 -81.77	174.61 13.08 -15.84	120.34 9.08 0.00	110.74 7.75 0.00	63.39 3.97 0.00	77.71 3.46 0.00	64.15 2.26 0.00	50.80 1.91 0.00
RAVENSWOOD_GT_9 24257	56.50 2.10 0.00	53.43 2.46 0.00	52.05 2.73 0.00	50.26 2.69 0.00	48.54 2.50 0.00	53.87 2.39 0.00	56.01 2.31 0.00	58.23 2.70 0.00	67.98 3.25 0.00	72.41 3.54 0.00	74.96 3.72 0.00	90.96 5.26 0.00	84.65 5.84 0.00	88.38 7.24 0.00	79.52 5.33 -19.22	114.92 5.46 -50.56	159.72 6.47 -81.77	174.61 13.08 -15.84	120.34 9.08 0.00	110.74 7.75 0.00	63.39 3.97 0.00	77.71 3.46 0.00	64.15 2.26 0.00	50.80 1.91 0.00

RAVENSWOOD___1 23533	56.43 2.03 0.00	53.53 2.56 0.00	52.15 2.83 0.00	50.40 2.83 0.00	48.65 2.61 0.00	53.94 2.46 0.00	56.09 2.39 0.00	58.25 2.73 0.00	68.02 3.28 0.00	72.28 3.41 0.00	74.68 3.45 0.00	90.59 4.89 0.00	84.45 5.64 0.00	88.17 7.03 0.00	79.24 5.04 -19.22	114.50 5.04 -50.55	120.43 5.93 -43.03	168.66 12.02 -10.96	100.19 8.31 19.37	84.46 7.03 25.56	59.73 3.60 3.29	63.78 2.97 13.43	60.82 1.92 2.98	50.69 1.80 0.00
RAVENSWOOD___2 23534	56.30 1.90 0.00	53.41 2.45 0.00	52.05 2.72 0.00	50.30 2.73 0.00	48.55 2.52 0.00	53.83 2.34 0.00	55.96 2.26 0.00	58.11 2.59 0.00	67.74 3.01 0.00	71.84 2.96 0.00	74.13 2.89 0.00	89.97 4.26 0.00	83.99 5.19 0.00	87.70 6.57 0.00	78.78 4.59 -19.22	113.95 4.49 -50.55	119.73 5.27 -42.99	167.34 10.69 -10.96	99.30 7.44 19.40	83.67 6.30 25.62	59.31 3.18 3.30	63.13 2.35 13.46	60.30 1.41 3.00	50.32 1.43 0.00
RAVENSWOOD___3 23535	56.50 2.10 0.00	53.43 2.47 0.00	52.05 2.73 0.00	50.27 2.69 0.00	48.55 2.51 0.00	53.87 2.39 0.00	56.01 2.31 0.00	58.22 2.70 0.00	67.98 3.25 0.00	72.40 3.54 0.00	74.96 3.72 0.00	90.95 5.24 0.00	84.63 5.83 0.00	88.37 7.23 0.00	79.51 5.31 -19.22	114.91 5.45 -50.56	159.69 6.44 -81.77	174.54 13.01 -15.84	120.34 9.08 0.00	110.71 7.72 0.00	63.37 3.95 0.00	77.70 3.45 0.00	64.13 2.24 0.00	50.80 1.90 0.00
RAVENSWOOD___4 23820	56.38 1.98 0.00	53.49 2.52 0.00	52.12 2.79 0.00	50.38 2.80 0.00	48.64 2.60 0.00	53.90 2.42 0.00	56.05 2.35 0.00	58.21 2.68 0.00	67.95 3.23 0.00	72.20 3.33 0.00	74.57 3.34 0.00	90.47 4.76 0.00	84.36 5.56 0.00	88.07 6.94 0.00	79.15 4.96 -19.22	114.42 4.97 -50.55	118.79 5.80 -41.51	168.31 11.77 -10.84	99.07 8.18 20.36	81.79 6.90 28.10	59.47 3.52 3.47	62.71 2.87 14.40	60.24 1.84 3.49	50.64 1.75 0.00
RCPL_TRUST___DRP 24196	56.52 2.11 0.00	53.45 2.49 0.00	52.08 2.76 0.00	50.29 2.71 0.00	48.57 2.54 0.00	53.91 2.42 0.00	56.07 2.36 0.00	58.29 2.77 0.00	68.10 3.37 0.00	72.55 3.68 0.00	75.14 3.90 0.00	91.15 5.45 0.00	84.86 6.06 0.00	88.60 7.46 0.00	79.69 5.47 -19.24	115.07 5.62 -50.55	159.88 6.65 -81.76	174.92 13.39 -15.84	120.61 9.36 0.00	110.94 7.95 0.00	63.48 4.06 0.00	77.81 3.57 0.00	64.19 2.30 0.00	50.87 1.97 0.00
RED___ROCHESTER 323720	55.56 1.16 0.00	51.43 0.46 0.00	49.78 0.46 0.00	47.83 0.26 0.00	46.33 0.29 0.00	51.81 0.32 0.00	53.83 0.13 0.00	55.38 -0.14 0.00	64.74 0.01 0.00	68.76 -0.11 0.00	71.65 0.41 0.00	86.54 0.84 0.00	79.93 1.13 0.00	82.45 1.32 0.00	55.78 0.79 0.00	59.66 0.76 0.00	72.53 1.06 0.00	148.43 2.74 0.00	114.00 2.75 0.00	105.58 2.59 0.00	60.97 1.55 0.00	75.37 1.12 0.00	62.27 0.39 0.00	49.25 0.35 0.00
REGAN___SOLAR 323812	58.33 3.93 0.00	54.52 3.55 0.00	52.82 3.50 0.00	50.91 3.34 0.00	49.18 3.15 0.00	54.97 3.49 0.00	57.33 3.63 0.00	58.71 3.19 0.00	68.37 3.64 0.00	72.74 3.87 0.00	75.52 4.28 0.00	89.63 3.93 0.00	81.07 2.27 0.00	83.56 2.43 0.00	56.55 1.57 0.00	61.09 1.72 -0.47	73.43 1.96 0.00	150.62 4.94 0.00	116.00 4.74 0.00	110.35 7.37 0.00	64.44 5.02 0.00	80.22 5.97 0.00	66.51 4.63 0.00	52.37 3.48 0.00
RENSSELAER___COGEN 23796	54.62 0.21 0.00	51.46 0.49 0.00	50.18 0.85 0.00	48.45 0.87 0.00	46.77 0.73 0.00	52.06 0.58 0.00	54.07 0.38 0.00	56.17 0.65 0.00	65.37 0.64 0.00	69.57 0.70 0.00	71.99 0.75 0.00	86.98 1.27 0.00	80.41 1.61 0.00	83.11 1.98 0.00	56.57 1.59 0.00	56.68 1.77 3.99	73.38 1.90 0.00	149.59 3.90 0.00	114.59 3.34 0.00	105.82 2.83 0.00	60.75 1.33 0.00	75.49 1.24 0.00	62.42 0.53 0.00	49.21 0.31 0.00
REPUBLIC_115KV_BARTNBRK 55605	59.80 5.39 0.00	55.88 4.92 0.00	54.19 4.87 0.00	52.14 4.56 0.00	50.26 4.22 0.00	56.14 4.66 0.00	58.70 5.00 0.00	60.90 5.37 0.00	70.48 5.76 0.00	74.39 5.53 0.00	75.96 4.72 0.00	92.54 6.83 0.00	85.30 6.49 0.00	88.11 6.97 0.00	59.81 4.83 0.00	65.09 5.29 -0.90	76.69 5.22 0.00	155.85 10.16 0.00	120.25 9.00 0.00	112.62 9.63 0.00	64.32 4.89 0.00	80.99 6.75 0.00	67.25 5.37 0.00	52.95 4.05 0.00
REVERE_CPPR_DRP 24186	57.22 2.82 0.00	53.42 2.43 -0.03	51.74 2.39 -0.03	49.87 2.30 0.00	48.20 2.16 0.00	53.92 2.44 0.00	56.38 2.68 0.00	58.25 2.73 0.00	68.14 3.32 -0.09	72.36 3.28 -0.20	74.79 3.36 -0.19	90.16 3.92 -0.54	82.66 3.68 -0.18	84.98 3.85 0.00	57.71 2.73 0.00	61.58 2.67 0.00	74.99 3.52 0.00	153.27 7.58 0.00	117.34 6.08 0.00	109.36 6.38 0.00	63.25 3.82 0.00	78.67 4.43 0.00	65.13 3.24 0.00	51.23 2.34 0.00
REYNLDPA_13_KV_LD 356490	54.54 0.14 0.00	51.12 0.15 0.00	49.19 -0.14 0.00	47.36 -0.22 0.00	45.93 -0.11 0.00	51.69 0.21 0.00	54.09 0.39 0.00	55.69 0.17 0.00	64.99 0.26 0.00	69.13 0.26 0.00	71.31 0.07 0.00	85.31 -0.39 0.00	78.12 -0.68 0.00	79.55 -1.59 0.00	53.09 -1.90 0.00	56.89 -2.02 0.00	69.09 -2.39 0.00	140.72 -4.97 0.00	107.43 -3.83 0.00	99.48 -3.51 0.00	57.69 -1.74 0.00	73.47 -0.78 0.00	62.00 0.11 0.00	49.13 0.23 0.00
REYNOLDS_115KV_TB3 80639	55.21 0.81 0.00	51.97 1.00 0.00	50.67 1.34 0.00	48.91 1.33 0.00	47.21 1.18 0.00	52.56 1.08 0.00	54.56 0.86 0.00	56.71 1.18 0.00	65.98 1.26 0.00	70.23 1.36 0.00	72.72 1.48 0.00	87.90 2.19 0.00	81.32 2.51 0.00	84.13 3.00 0.00	57.90 2.30 -0.62	66.24 2.55 -4.78	77.84 2.76 -3.60	152.02 5.66 -0.68	115.87 4.62 0.00	106.97 3.98 0.00	61.38 1.96 0.00	76.26 2.01 0.00	63.03 1.15 0.00	49.69 0.79 0.00
RIVERBAY____ 323610	58.48 4.07 0.00	55.37 4.40 0.00	54.34 5.02 0.00	52.63 5.05 0.00	50.61 4.57 0.00	56.20 4.72 0.00	58.49 4.79 0.00	60.68 5.16 0.00	70.72 5.99 0.00	74.85 5.98 0.00	77.51 6.28 0.00	94.30 8.59 0.00	87.78 8.97 0.00	91.63 10.50 0.00	81.57 7.37 -19.22	117.09 7.62 -50.57	162.31 9.06 -81.78	179.89 18.35 -15.85	124.37 13.10 -0.01	114.42 11.42 -0.01	65.58 6.15 -0.01	80.30 6.05 -0.01	66.35 4.46 -0.01	52.65 3.76 0.00
RIVERSDE_115KV_TB3 55908	55.07 0.67 0.00	51.85 0.89 0.00	50.54 1.22 0.00	48.78 1.20 0.00	47.10 1.06 0.00	52.43 0.94 0.00	54.45 0.75 0.00	56.57 1.05 0.00	65.87 1.14 0.00	70.11 1.24 0.00	72.58 1.35 0.00	87.72 2.02 0.00	81.12 2.32 0.00	83.93 2.79 0.00	57.14 2.16 0.00	62.36 2.39 -1.07	74.10 2.63 0.00	151.07 5.37 0.00	115.63 4.38 0.00	106.72 3.73 0.00	61.24 1.82 0.00	76.08 1.84 0.00	62.90 1.01 0.00	49.57 0.68 0.00
ROARING___BROOK_WT_PWR 323790	54.34 -0.06 0.00	50.91 -0.06 0.00	49.24 -0.08 0.00	47.48 -0.09 0.00	45.96 -0.07 0.00	51.47 -0.01 0.00	53.69 0.00 0.00	55.47 -0.05 0.00	64.68 -0.05 0.00	68.78 -0.09 0.00	71.08 -0.15 0.00	85.46 -0.25 0.00	78.55 -0.26 0.00	80.72 -0.42 0.00	54.62 -0.36 0.00	58.55 -0.35 0.00	71.05 -0.43 0.00	144.76 -0.93 0.00	110.57 -0.68 0.00	102.38 -0.61 0.00	59.12 -0.30 0.00	74.00 -0.25 0.00	61.79 -0.09 0.00	48.86 -0.03 0.00

ROCHESRG_115KV_T4 355643	54.69 0.29 0.00	50.68 -0.29 0.00	49.10 -0.23 0.00	47.20 -0.38 0.00	45.73 -0.31 0.00	51.12 -0.37 0.00	53.10 -0.60 0.00	54.56 -0.97 0.00	63.76 -0.97 0.00	67.68 -1.19 0.00	70.48 -0.76 0.00	85.09 -0.61 0.00	78.61 -0.19 0.00	81.01 -0.12 0.00	54.75 -0.23 0.00	58.57 -0.33 0.00	71.15 -0.32 0.00	145.61 -0.08 0.00	111.95 0.70 0.00	103.81 0.82 0.00	60.01 0.58 0.00	74.16 -0.09 0.00	61.32 -0.56 0.00	48.55 -0.35 0.00
ROCHESTER_9_IC 23652	55.14 0.74 0.00	51.06 0.09 0.00	49.44 0.12 0.00	47.53 -0.05 0.00	46.03 0.00 0.00	51.48 -0.01 0.00	53.48 -0.22 0.00	55.00 -0.53 0.00	64.29 -0.44 0.00	68.25 -0.62 0.00	71.09 -0.14 0.00	85.85 0.14 0.00	79.29 0.49 0.00	81.77 0.63 0.00	55.28 0.29 0.00	59.13 0.22 0.00	71.84 0.36 0.00	147.04 1.35 0.00	113.01 1.76 0.00	104.73 1.74 0.00	60.51 1.08 0.00	74.80 0.56 0.00	61.80 -0.08 0.00	48.91 0.02 0.00
ROCKVIEW_13_KV_LD 356306	56.70 2.29 0.00	53.54 2.58 0.00	52.15 2.82 0.00	50.34 2.76 0.00	48.57 2.53 0.00	53.95 2.47 0.00	56.10 2.40 0.00	58.28 2.76 0.00	68.05 3.32 0.00	72.55 3.68 0.00	75.21 3.97 0.00	91.42 5.72 0.00	85.02 6.22 0.00	88.73 7.60 0.00	79.79 5.58 -19.22	115.29 5.83 -50.56	160.22 6.97 -81.77	175.61 14.08 -15.84	121.23 9.97 0.00	111.58 8.59 0.00	63.89 4.46 0.00	78.39 4.14 0.00	64.64 2.76 0.00	51.08 2.19 0.00
ROME____115KV_TB2 80656	57.22 2.82 0.00	53.42 2.43 -0.03	51.74 2.39 -0.03	49.87 2.30 0.00	48.20 2.16 0.00	53.92 2.44 0.00	56.38 2.68 0.00	58.25 2.73 0.00	68.14 3.32 -0.09	72.36 3.28 -0.20	74.79 3.36 -0.19	90.16 3.92 -0.54	82.66 3.68 -0.18	84.98 3.85 0.00	57.71 2.73 0.00	61.58 2.67 0.00	74.99 3.52 0.00	153.27 7.58 0.00	117.34 6.08 0.00	109.36 6.38 0.00	63.25 3.82 0.00	78.67 4.43 0.00	65.13 3.24 0.00	51.23 2.34 0.00
ROSETON___1 23587	55.81 1.40 0.00	52.62 1.66 0.00	51.24 1.92 0.00	49.47 1.89 0.00	47.76 1.72 0.00	53.06 1.57 0.00	55.17 1.48 0.00	57.32 1.79 0.00	66.82 2.09 0.00	71.11 2.24 0.00	73.70 2.47 0.00	89.45 3.75 0.00	83.08 4.27 0.00	86.54 5.41 0.00	72.63 4.05 -13.61	111.10 4.24 -47.96	154.92 4.98 -78.47	170.44 10.04 -14.71	118.44 7.19 0.00	109.06 6.07 0.00	62.49 3.07 0.00	76.97 2.72 0.00	63.52 1.64 0.00	50.21 1.31 0.00
ROSETON___2 23588	55.81 1.40 0.00	52.62 1.66 0.00	51.24 1.92 0.00	49.47 1.89 0.00	47.76 1.72 0.00	53.06 1.57 0.00	55.17 1.48 0.00	57.32 1.79 0.00	66.82 2.09 0.00	71.11 2.24 0.00	73.70 2.47 0.00	89.45 3.75 0.00	83.08 4.27 0.00	86.54 5.41 0.00	72.63 4.05 -13.61	111.10 4.98 -47.96	154.92 4.98 -78.47	170.44 10.04 -14.71	118.44 7.19 0.00	109.06 6.07 0.00	62.49 3.07 0.00	76.97 2.72 0.00	63.52 1.64 0.00	50.21 1.31 0.00
ROTTRDAM_115KV_TB3 80664	55.82 1.42 0.00	52.36 1.40 0.00	50.92 1.60 0.00	49.17 1.59 0.00	47.46 1.42 0.00	52.89 1.40 0.00	55.01 1.32 0.00	57.00 1.48 0.00	66.41 1.68 0.00	70.59 1.72 0.00	73.07 1.84 0.00	88.19 2.48 0.00	81.20 2.39 0.00	83.97 2.84 0.00	57.08 2.10 0.00	61.73 2.31 -0.52	74.15 2.68 0.00	151.28 5.59 0.00	115.75 4.50 0.00	107.21 4.23 0.00	61.70 2.27 0.00	76.74 2.49 0.00	63.56 1.68 0.00	50.13 1.24 0.00
RUSSELL___1 23602	55.56 1.16 0.00	51.42 0.46 0.00	49.79 0.46 0.00	47.83 0.26 0.00	46.33 0.29 0.00	51.81 0.32 0.00	53.83 0.13 0.00	55.37 -0.15 0.00	64.74 0.01 0.00	68.75 -0.12 0.00	71.65 0.41 0.00	86.52 0.82 0.00	79.93 1.13 0.00	82.47 1.33 0.00	55.76 0.78 0.00	59.65 0.75 0.00	72.51 1.04 0.00	148.40 2.71 0.00	113.99 2.74 0.00	105.58 2.59 0.00	60.97 1.55 0.00	75.38 1.14 0.00	62.27 0.39 0.00	49.25 0.35 0.00
RUSSELL___2 23532	55.56 1.16 0.00	51.42 0.46 0.00	49.79 0.46 0.00	47.83 0.26 0.00	46.33 0.29 0.00	51.81 0.32 0.00	53.83 0.13 0.00	55.37 -0.15 0.00	64.74 0.01 0.00	68.75 -0.12 0.00	71.65 0.41 0.00	86.52 0.82 0.00	79.93 1.13 0.00	82.47 1.33 0.00	55.76 0.78 0.00	59.65 0.75 0.00	72.51 1.04 0.00	148.40 2.71 0.00	113.99 2.74 0.00	105.58 2.59 0.00	60.97 1.55 0.00	75.38 1.14 0.00	62.27 0.39 0.00	49.25 0.35 0.00
RUSSELL___3 23549	55.56 1.16 0.00	51.42 0.46 0.00	49.79 0.46 0.00	47.83 0.26 0.00	46.33 0.29 0.00	51.81 0.32 0.00	53.83 0.13 0.00	55.37 -0.15 0.00	64.74 0.01 0.00	68.75 -0.12 0.00	71.65 0.41 0.00	86.52 0.82 0.00	79.93 1.13 0.00	82.47 1.33 0.00	55.76 0.78 0.00	59.65 0.75 0.00	72.51 1.04 0.00	148.40 2.71 0.00	113.99 2.74 0.00	105.58 2.59 0.00	60.97 1.55 0.00	75.38 1.14 0.00	62.27 0.39 0.00	49.25 0.35 0.00
RUSSELL___4 23556	55.56 1.16 0.00	51.42 0.46 0.00	49.79 0.46 0.00	47.83 0.26 0.00	46.33 0.29 0.00	51.81 0.32 0.00	53.83 0.13 0.00	55.37 -0.15 0.00	64.74 0.01 0.00	68.75 -0.12 0.00	71.65 0.41 0.00	86.52 0.82 0.00	79.93 1.13 0.00	82.47 1.33 0.00	55.76 0.78 0.00	59.65 0.75 0.00	72.51 1.04 0.00	148.40 2.71 0.00	113.99 2.74 0.00	105.58 2.59 0.00	60.97 1.55 0.00	75.38 1.14 0.00	62.27 0.39 0.00	49.25 0.35 0.00
RUSSELL___STATION 23914	55.56 1.16 0.00	51.42 0.46 0.00	49.79 0.46 0.00	47.83 0.26 0.00	46.33 0.29 0.00	51.81 0.32 0.00	53.83 0.13 0.00	55.37 -0.15 0.00	64.74 0.01 0.00	68.75 -0.12 0.00	71.65 0.41 0.00	86.52 0.82 0.00	79.93 1.13 0.00	82.47 1.33 0.00	55.76 0.78 0.00	59.65 0.75 0.00	72.51 1.04 0.00	148.40 2.71 0.00	113.99 2.74 0.00	105.58 2.59 0.00	60.97 1.55 0.00	75.38 1.14 0.00	62.27 0.39 0.00	49.25 0.35 0.00
S SALMON___HYD 24043	55.02 0.62 0.00	51.39 0.32 -0.11	49.77 0.31 -0.13	47.85 0.27 0.00	46.31 0.27 0.00	51.78 0.30 0.00	54.06 0.37 0.00	55.83 0.31 0.00	65.47 0.34 -0.41	69.93 0.17 -0.89	71.98 -0.07 -0.82	87.86 -0.19 -2.35	79.36 -0.22 -0.77	81.01 -0.13 0.00	54.97 -0.01 0.00	58.65 -0.26 0.00	71.16 -0.31 0.00	145.49 -0.20 0.00	111.72 0.47 0.00	103.53 0.54 0.00	60.24 0.82 0.00	75.28 1.03 0.00	62.47 0.59 0.00	49.31 0.41 0.00
S.PERRY__115KV_TB1 80734	55.79 1.38 0.00	51.45 0.49 0.00	49.92 0.60 0.00	47.93 0.35 0.00	46.47 0.43 0.00	52.04 0.55 0.00	54.33 0.63 0.00	55.81 0.28 0.00	65.10 0.37 0.00	68.87 0.00 0.00	71.47 0.24 0.00	86.03 0.32 0.00	79.06 0.25 0.00	80.92 -0.21 0.00	55.03 0.05 0.00	58.86 -0.04 0.00	72.03 0.56 0.00	147.63 1.94 0.00	113.43 2.17 0.00	106.18 3.20 0.00	61.58 2.16 0.00	76.03 1.78 0.00	62.61 0.73 0.00	49.65 0.76 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	54.34 -0.06 0.00	50.10 -0.87 0.00	48.65 -0.68 0.00	46.63 -0.94 0.00	45.21 -0.83 0.00	50.54 -0.95 0.00	52.25 -1.45 0.00	53.29 -2.23 0.00	62.27 -2.46 0.00	65.95 -2.92 0.00	68.93 -2.31 0.00	83.38 -2.32 0.00	77.31 -1.50 0.00	79.38 -1.75 0.00	53.47 -1.51 0.00	57.03 -1.87 0.00	69.69 -1.78 0.00	142.54 -3.15 0.00	110.03 -1.22 0.00	102.42 -0.57 0.00	59.25 -0.17 0.00	72.67 -1.58 0.00	60.06 -1.82 0.00	47.81 -1.09 0.00

SAWYER___23_KV_LOAD 55526	54.34 -0.06 0.00	50.10 -0.87 0.00	48.65 -0.68 0.00	46.63 -0.94 0.00	45.21 -0.83 0.00	50.54 -0.95 0.00	52.25 -1.45 0.00	53.29 -2.23 0.00	62.27 -2.46 0.00	65.95 -2.92 0.00	68.93 -2.31 0.00	83.38 -2.32 0.00	77.31 -1.50 0.00	79.38 -1.75 0.00	53.47 -1.51 0.00	57.03 -1.87 0.00	69.69 -1.78 0.00	142.54 -3.15 0.00	110.03 -1.22 0.00	102.42 -0.57 0.00	59.25 -0.17 0.00	72.67 -1.58 0.00	60.06 -1.82 0.00	47.81 -1.09 0.00
SELKIRK___I 23801	54.39 -0.01 0.00	51.86 0.89 0.00	50.60 1.27 0.00	48.88 1.31 0.00	47.19 1.16 0.00	52.55 1.07 0.00	54.57 0.87 0.00	56.54 1.01 0.00	65.70 0.97 0.00	69.95 1.08 0.00	72.26 1.03 0.00	87.13 1.43 0.00	80.06 1.25 0.00	81.86 0.73 0.00	55.55 0.57 0.00	57.64 0.73 1.99	72.10 0.63 0.00	146.97 1.28 0.00	112.38 1.12 0.00	104.03 1.04 0.00	59.83 0.41 0.00	74.44 0.20 0.00	61.63 -0.25 0.00	48.62 -0.27 0.00
SELKIRK___II 23799	54.59 0.18 0.00	51.56 0.60 0.00	50.35 1.02 0.00	48.64 1.07 0.00	46.96 0.92 0.00	52.28 0.79 0.00	54.30 0.60 0.00	56.35 0.82 0.00	65.59 0.86 0.00	69.81 0.94 0.00	72.11 0.88 0.00	86.98 1.27 0.00	80.38 1.58 0.00	82.94 1.81 0.00	56.43 1.45 0.00	58.20 1.60 2.31	73.19 1.72 0.00	149.20 3.51 0.00	114.06 2.81 0.00	105.37 2.38 0.00	60.54 1.12 0.00	75.25 1.00 0.00	62.26 0.38 0.00	49.12 0.22 0.00
SENECA OSWGO___HYD 24041	53.71 -0.69 0.00	50.25 -0.88 -0.17	48.76 -0.76 -0.20	46.85 -0.73 0.00	45.32 -0.71 0.00	50.64 -0.85 0.00	52.76 -0.94 0.00	54.61 -0.91 0.00	64.23 -1.12 -0.62	69.05 -1.17 -1.35	71.29 -1.19 -1.24	88.00 -1.26 -3.55	78.89 -1.08 -1.17	80.37 -0.77 0.00	54.51 -0.47 0.00	58.33 -0.57 0.00	70.97 -0.51 0.00	144.75 -0.94 0.00	110.77 -0.49 0.00	102.68 -0.31 0.00	59.17 -0.25 0.00	73.66 -0.58 0.00	61.07 -0.81 0.00	48.22 -0.67 0.00
SENECA___115KV_TB3 355854	54.94 0.54 0.00	50.59 -0.38 0.00	49.12 -0.21 0.00	47.07 -0.50 0.00	45.62 -0.42 0.00	51.04 -0.45 0.00	52.83 -0.87 0.00	53.96 -1.56 0.00	63.09 -1.65 0.00	66.81 -2.06 0.00	69.81 -1.43 0.00	84.46 -1.25 0.00	78.28 -0.52 0.00	80.44 -0.69 0.00	54.20 -0.78 0.00	57.75 -1.15 0.00	70.67 -0.80 0.00	144.47 -1.22 0.00	111.34 0.09 0.00	103.74 0.75 0.00	59.99 0.57 0.00	73.62 -0.63 0.00	60.75 -1.14 0.00	48.31 -0.58 0.00
SENECA___ENERGY 23797	54.95 0.55 0.00	51.10 0.07 -0.07	49.61 0.21 -0.08	47.69 0.11 0.00	46.16 0.13 0.00	51.57 0.08 0.00	53.79 0.09 0.00	55.47 -0.06 0.00	64.93 -0.04 -0.25	69.26 -0.15 -0.54	71.87 0.14 -0.49	87.39 0.26 -1.42	79.76 0.49 -0.47	81.87 0.73 0.00	55.46 0.48 0.00	59.33 0.43 0.00	72.29 0.82 0.00	147.34 1.65 0.00	112.88 1.63 0.00	105.02 2.03 0.00	60.48 1.06 0.00	75.20 0.96 0.00	62.16 0.27 0.00	49.04 0.15 0.00
SHOEMAKER___GT 23640	55.92 1.52 0.00	52.62 1.65 0.00	51.18 1.85 0.00	49.40 1.83 0.00	47.68 1.65 0.00	53.03 1.54 0.00	55.18 1.48 0.00	57.27 1.74 0.00	66.74 2.01 0.00	70.96 2.09 0.00	73.52 2.28 0.00	89.19 3.48 0.00	82.78 3.97 0.00	86.19 5.05 0.00	64.59 3.73 -5.87	102.99 3.92 -40.17	143.01 4.80 -66.74	167.48 9.86 -11.94	118.26 7.00 0.00	109.11 6.12 0.00	62.54 3.12 0.00	77.16 2.91 0.00	63.72 1.84 0.00	50.32 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	55.85 1.45 0.00	52.57 1.60 0.00	51.13 1.81 0.00	49.36 1.78 0.00	47.66 1.62 0.00	52.99 1.51 0.00	55.15 1.45 0.00	57.22 1.69 0.00	66.69 1.96 0.00	70.95 2.08 0.00	73.52 2.28 0.00	89.20 3.50 0.00	82.79 3.99 0.00	86.20 5.06 0.00	64.71 3.75 -5.98	102.54 3.92 -39.71	142.20 4.77 -65.96	167.23 9.72 -11.82	118.19 6.94 0.00	108.99 6.00 0.00	62.48 3.05 0.00	77.06 2.81 0.00	63.62 1.74 0.00	50.26 1.37 0.00
SHOREHAM_IC_1 23715	56.09 1.69 0.00	53.67 2.70 0.00	53.03 3.71 0.00	51.35 3.77 0.00	49.36 3.33 0.00	54.33 2.84 0.00	55.84 2.14 0.00	57.76 2.24 0.00	68.00 3.27 0.00	73.47 3.89 -0.72	83.70 4.31 -8.15	272.19 6.47 -180.02	243.25 6.58 -157.87	289.48 8.29 -200.05	301.22 6.03 -240.21	384.39 6.38 -319.11	829.64 5.90 -752.27	1657.15 10.82 -1500.65	327.53 9.30 -206.98	284.27 9.49 -171.80	310.26 5.16 -245.67	291.69 4.38 -213.07	169.70 2.82 -105.00	67.32 2.19 -16.23
SHOREHAM_IC_2 23716	56.09 1.69 0.00	53.67 2.71 0.00	53.03 3.71 0.00	51.35 3.78 0.00	49.36 3.33 0.00	54.32 2.84 0.00	55.84 2.14 0.00	57.77 2.24 0.00	68.00 3.27 0.00	73.48 3.89 -0.72	83.69 4.31 -8.15	272.22 6.50 -180.02	243.26 6.59 -157.87	289.48 8.29 -200.05	301.22 6.03 -240.21	384.38 6.37 -319.11	829.64 5.89 -752.27	1657.18 10.84 -1500.65	327.54 9.30 -206.98	284.27 9.49 -171.79	310.25 5.16 -245.67	291.69 4.38 -213.07	169.70 2.82 -105.00	67.32 2.20 -16.23
SISSONVILLE____ 23735	55.02 0.62 0.00	51.56 0.58 -0.02	49.54 0.20 -0.02	47.68 0.10 0.00	46.25 0.22 0.00	52.18 0.69 0.00	54.69 1.00 0.00	56.16 0.63 0.00	65.34 0.55 -0.05	69.22 0.23 -0.11	70.72 -0.62 -0.11	84.36 -1.65 -0.30	76.82 -2.09 -0.10	77.20 -3.93 0.00	52.18 -2.81 0.00	55.76 -3.14 0.00	67.73 -3.74 0.00	138.12 -7.57 0.00	105.72 -5.54 0.00	97.90 -5.09 0.00	57.10 -2.32 0.00	73.25 -1.00 0.00	61.90 0.01 0.00	49.25 0.35 0.00
SITHE_IND_GS1 24169	52.97 -1.43 0.00	48.95 -1.52 0.49	47.33 -1.42 0.58	46.23 -1.34 0.00	44.74 -1.29 0.00	49.98 -1.50 0.00	52.08 -1.62 0.00	53.83 -1.69 0.00	60.92 -2.02 1.80	62.77 -2.15 3.95	65.47 -2.14 3.62	72.87 -2.47 10.37	73.22 -2.17 3.42	79.14 -2.00 0.00	53.67 -1.31 0.00	57.46 -1.45 0.00	69.85 -1.62 0.00	142.48 -3.21 0.00	108.97 -2.29 0.00	100.96 -2.03 0.00	58.21 -1.21 0.00	72.51 -1.74 0.00	60.22 -1.67 0.00	47.57 -1.33 0.00
SITHE_IND_GS2 24170	52.97 -1.43 0.00	48.95 -1.52 0.49	47.33 -1.42 0.58	46.23 -1.34 0.00	44.74 -1.29 0.00	49.98 -1.50 0.00	52.08 -1.62 0.00	53.83 -1.69 0.00	60.92 -2.02 1.80	62.77 -2.15 3.95	65.47 -2.14 3.62	72.87 -2.47 10.37	73.22 -2.17 3.42	79.14 -2.00 0.00	53.67 -1.31 0.00	57.46 -1.45 0.00	69.85 -1.62 0.00	142.48 -3.21 0.00	108.97 -2.29 0.00	100.96 -2.03 0.00	58.21 -1.21 0.00	72.51 -1.74 0.00	60.22 -1.67 0.00	47.57 -1.33 0.00
SITHE_IND_GS3 24171	52.97 -1.43 0.00	48.95 -1.52 0.49	47.33 -1.42 0.58	46.23 -1.34 0.00	44.74 -1.29 0.00	49.98 -1.50 0.00	52.08 -1.62 0.00	53.83 -1.69 0.00	60.92 -2.02 1.80	62.77 -2.15 3.95	65.47 -2.14 3.62	72.87 -2.47 10.37	73.22 -2.17 3.42	79.14 -2.00 0.00	53.67 -1.31 0.00	57.46 -1.45 0.00	69.85 -1.62 0.00	142.48 -3.21 0.00	108.97 -2.29 0.00	100.96 -2.03 0.00	58.21 -1.21 0.00	72.51 -1.74 0.00	60.22 -1.67 0.00	47.57 -1.33 0.00
SITHE_IND_GS4 24172	52.97 -1.43 0.00	48.95 -1.52 0.49	47.33 -1.42 0.58	46.23 -1.34 0.00	44.74 -1.29 0.00	49.98 -1.50 0.00	52.08 -1.62 0.00	53.83 -1.69 0.00	60.92 -2.02 1.80	62.77 -2.15 3.95	65.47 -2.14 3.62	72.87 -2.47 10.37	73.22 -2.17 3.42	79.14 -2.00 0.00	53.67 -1.31 0.00	57.46 -1.45 0.00	69.85 -1.62 0.00	142.48 -3.21 0.00	108.97 -2.29 0.00	100.96 -2.03 0.00	58.21 -1.21 0.00	72.51 -1.74 0.00	60.22 -1.67 0.00	47.57 -1.33 0.00

SITHE___BATAVIA 24024	56.27 1.87 0.00	51.91 0.95 0.00	50.29 0.97 0.00	48.24 0.67 0.00	46.77 0.74 0.00	52.33 0.85 0.00	54.24 0.54 0.00	55.46 -0.07 0.00	64.90 0.17 0.00	68.75 -0.12 0.00	71.65 0.41 0.00	86.26 0.56 0.00	79.88 1.08 0.00	81.91 0.77 0.00	55.45 0.47 0.00	59.37 0.47 0.00	71.89 0.42 0.00	147.40 1.71 0.00	113.95 2.69 0.00	105.78 2.80 0.00	61.22 1.80 0.00	75.20 0.96 0.00	62.07 0.18 0.00	49.35 0.45 0.00
SITHE___INDEPEND 23800	52.97 -1.44 0.00	48.95 -1.52 0.49	47.32 -1.42 0.58	46.23 -1.35 0.00	44.75 -1.29 0.00	49.98 -1.50 0.00	52.08 -1.62 0.00	53.83 -1.69 0.00	60.92 -2.01 1.80	62.77 -2.15 3.95	65.47 -2.15 3.62	72.87 -2.47 10.37	73.22 -2.17 3.42	79.13 -2.00 0.00	53.66 -1.32 0.00	57.46 -1.45 0.00	69.84 -1.63 0.00	142.48 -3.21 0.00	108.97 -2.29 0.00	100.96 -2.03 0.00	58.22 -1.21 0.00	72.50 -1.74 0.00	60.22 -1.67 0.00	47.57 -1.33 0.00
SITHE___MASSENA 23902	54.63 0.23 0.00	51.18 0.22 0.00	49.23 -0.10 0.00	47.40 -0.18 0.00	45.98 -0.06 0.00	51.85 0.36 0.00	54.27 0.57 0.00	55.82 0.30 0.00	65.05 0.32 0.00	69.12 0.25 0.00	71.18 -0.05 0.00	85.07 -0.63 0.00	77.81 -0.99 0.00	78.56 -2.57 0.00	53.05 -1.93 0.00	56.93 -1.97 0.00	69.13 -2.34 0.00	140.82 -4.87 0.00	107.54 -3.71 0.00	99.54 -3.45 0.00	57.77 -1.65 0.00	73.53 -0.71 0.00	61.98 0.09 0.00	49.14 0.24 0.00
SITHE___OGDNSBRG 24021	55.88 1.48 0.00	52.33 1.36 0.00	50.24 0.92 0.00	48.36 0.78 0.00	46.94 0.91 0.00	53.02 1.53 0.00	55.59 1.89 0.00	57.00 1.48 0.00	66.35 1.62 0.00	70.25 1.38 0.00	72.08 0.84 0.00	85.91 0.21 0.00	78.10 -0.70 0.00	78.59 -2.55 0.00	53.29 -1.69 0.00	57.25 -1.65 0.00	69.50 -1.98 0.00	141.83 -3.86 0.00	108.63 -2.62 0.00	100.64 -2.34 0.00	58.63 -0.79 0.00	75.02 0.77 0.00	63.31 1.43 0.00	50.19 1.29 0.00
SITHE___STERLING 23777	56.46 2.05 0.00	52.72 1.73 -0.03	51.10 1.75 -0.03	49.25 1.67 0.00	47.61 1.57 0.00	53.23 1.75 0.00	55.60 1.90 0.00	57.51 1.98 0.00	67.23 2.40 -0.10	71.49 2.40 -0.22	73.98 2.54 -0.20	89.26 2.96 -0.59	81.82 2.82 -0.19	84.18 3.05 0.00	57.20 2.22 0.00	61.05 2.14 0.00	74.31 2.83 0.00	151.84 6.15 0.00	116.16 4.90 0.00	108.05 5.06 0.00	62.38 2.96 0.00	77.61 3.36 0.00	64.25 2.37 0.00	50.60 1.70 0.00
SLEIGHT__34_KV_TB1 80719	54.83 0.43 0.00	50.90 -0.08 -0.02	49.29 -0.05 -0.02	47.42 -0.16 0.00	45.91 -0.13 0.00	51.28 -0.20 0.00	53.44 -0.25 0.00	55.10 -0.42 0.00	64.43 -0.37 -0.07	68.55 -0.48 -0.16	71.19 -0.19 -0.15	86.04 -0.09 -0.42	79.21 0.27 -0.14	81.49 0.36 0.00	55.12 0.15 0.00	59.05 0.15 0.00	71.77 0.30 0.00	146.77 1.08 0.00	112.52 1.27 0.00	104.54 1.55 0.00	60.33 0.91 0.00	74.78 0.53 0.00	61.80 -0.08 0.00	48.75 -0.14 0.00
SMITHTWN_69_KV_BK 1 55830	56.32 1.92 0.00	53.94 2.98 0.00	53.28 3.96 0.00	51.61 4.03 0.00	49.58 3.55 0.00	54.45 2.97 0.00	55.95 2.25 0.00	57.90 2.37 0.00	68.08 3.36 0.00	74.22 4.01 -1.33	89.64 4.45 -13.95	386.11 6.91 -293.49	367.07 7.39 -280.88	373.80 8.98 -283.69	345.83 6.70 -284.15	384.93 6.89 -319.13	856.83 8.34 -777.02	1663.36 16.70 -1500.97	359.04 12.03 -235.75	390.71 9.94 -277.79	426.55 5.39 -361.74	421.93 4.70 -342.98	227.73 2.87 -162.97	76.14 2.06 -25.18
SOUTH CAIRO___GT 23612	57.01 2.60 0.00	53.60 2.63 0.00	52.21 2.89 0.00	50.36 2.79 0.00	48.59 2.55 0.00	54.16 2.67 0.00	56.32 2.62 0.00	58.51 2.98 0.00	68.02 3.29 0.00	72.19 3.32 0.00	74.37 3.13 0.00	90.13 4.42 0.00	83.56 4.76 0.00	85.85 4.71 0.00	60.90 3.12 -2.80	70.31 3.71 -7.70	92.27 4.64 -16.16	158.10 9.38 -3.03	119.36 8.11 0.00	111.03 8.04 0.00	63.91 4.49 0.00	79.46 5.21 0.00	65.37 3.49 0.00	51.28 2.39 0.00
SOUTH HAMPTN___IC 23720	56.78 2.38 0.00	54.30 3.34 0.00	53.78 4.45 0.00	52.33 4.75 0.00	50.36 4.33 0.00	55.41 3.92 0.00	56.94 3.24 0.00	58.80 3.28 0.00	69.51 4.78 0.00	75.01 5.48 -0.66	84.90 6.00 -7.67	264.97 8.34 -170.92	234.58 8.38 -147.39	285.06 10.25 -193.67	299.02 7.51 -236.53	385.91 7.91 -319.11	830.37 8.90 -750.00	1663.69 17.46 -1500.54	328.48 12.70 -204.53	277.98 11.70 -163.29	302.40 6.16 -236.82	282.56 5.38 -202.94	166.20 3.74 -100.58	67.30 2.86 -15.54
SOUTHDOW_115KV_TB1 355954	56.67 2.26 0.00	52.09 1.12 0.00	50.59 1.27 0.00	48.46 0.88 0.00	46.97 0.93 0.00	52.63 1.15 0.00	54.83 1.13 0.00	56.27 0.75 0.00	65.88 1.15 0.00	69.49 0.62 0.00	72.58 1.35 0.00	87.69 1.99 0.00	81.30 2.50 0.00	83.84 2.71 0.00	56.37 1.39 0.00	59.87 0.97 0.00	73.78 2.31 0.00	150.73 5.04 0.00	116.04 4.78 0.00	108.75 5.76 0.00	62.60 3.18 0.00	76.91 2.67 0.00	63.10 1.21 0.00	49.95 1.05 0.00
SOUTHOLD_69_KV_BK 2 55809	57.25 2.84 0.00	54.76 3.80 0.00	54.51 5.18 0.00	53.47 5.89 0.00	51.53 5.49 0.00	56.66 5.18 0.00	58.18 4.48 0.00	59.83 4.30 0.00	71.10 6.37 0.00	76.57 7.04 -0.66	86.48 7.58 -7.67	265.88 9.11 -171.06	235.01 8.63 -147.58	285.65 10.77 -193.75	299.67 8.10 -236.59	386.41 8.40 -319.11	830.91 9.38 -750.05	1663.97 17.73 -1500.55	327.91 12.08 -204.57	278.11 11.71 -163.42	302.19 5.83 -236.93	282.07 4.74 -203.08	166.90 4.38 -100.64	67.76 3.31 -15.55
SOUTHOLD___IC 23719	57.25 2.85 0.00	54.76 3.80 0.00	54.50 5.18 0.00	53.47 5.89 0.00	51.53 5.50 0.00	56.67 5.18 0.00	58.17 4.47 0.00	59.83 4.30 0.00	71.10 6.37 0.00	76.57 7.04 -0.66	86.48 7.57 -7.67	265.85 9.08 -171.06	235.01 8.63 -147.58	285.66 10.77 -193.75	299.66 8.09 -236.59	386.41 8.40 -319.11	830.89 9.37 -750.05	1663.92 17.69 -1500.55	327.90 12.08 -204.57	278.11 11.71 -163.42	302.19 5.84 -236.93	282.06 4.74 -203.08	166.90 4.38 -100.64	67.76 3.31 -15.55
SOUTH_FORK_WT_PWR 323839	56.73 2.32 0.00	54.32 3.36 0.00	54.34 5.01 0.00	53.65 6.07 0.00	51.76 5.73 0.00	56.88 5.39 0.00	58.31 4.62 0.00	59.77 4.24 0.00	71.24 6.51 0.00	76.48 6.95 -0.66	86.22 7.32 -7.67	266.01 9.32 -170.99	235.35 9.07 -147.48	286.13 11.28 -193.71	300.05 8.51 -236.56	386.76 8.75 -319.11	831.01 9.51 -750.03	1663.78 17.55 -1500.54	328.09 12.29 -204.55	278.32 11.98 -163.35	302.11 5.82 -236.87	281.71 4.46 -203.00	166.12 3.63 -100.61	67.20 2.76 -15.55
SPIERFLS_115KV_TB 1 80737	57.19 2.78 0.00	53.54 2.58 0.00	52.01 2.69 0.00	50.12 2.54 0.00	48.35 2.32 0.00	53.90 2.41 0.00	56.19 2.49 0.00	58.30 2.78 0.00	67.83 3.10 0.00	71.96 3.09 0.00	73.93 2.69 0.00	89.39 3.69 0.00	82.32 3.52 0.00	84.99 3.85 0.00	57.76 2.78 0.00	62.91 3.15 -0.86	75.20 3.73 0.00	153.53 7.84 0.00	118.69 7.44 0.00	110.17 7.18 0.00	63.27 3.85 0.00	78.72 4.48 0.00	65.06 3.18 0.00	51.17 2.27 0.00
ST LAWRENCE____ 23600	53.98 -0.42 0.00	50.59 -0.38 0.00	48.68 -0.64 0.00	46.88 -0.69 0.00	45.47 -0.57 0.00	51.14 -0.35 0.00	53.51 -0.19 0.00	55.11 -0.42 0.00	64.35 -0.38 0.00	68.42 -0.45 0.00	70.60 -0.63 0.00	84.51 -1.19 0.00	77.36 -1.45 0.00	78.85 -2.29 0.00	53.09 -1.89 0.00	56.96 -1.94 0.00	69.17 -2.31 0.00	140.90 -4.79 0.00	107.55 -3.70 0.00	99.60 -3.39 0.00	57.72 -1.71 0.00	72.84 -1.40 0.00	61.35 -0.53 0.00	48.61 -0.29 0.00

STATE_CA_115KV_115_LB 55624	55.23 0.83 0.00	51.97 1.00 0.00	50.64 1.32 0.00	48.88 1.31 0.00	47.20 1.16 0.00	52.54 1.06 0.00	54.59 0.89 0.00	56.71 1.19 0.00	66.06 1.33 0.00	70.35 1.48 0.00	72.82 1.58 0.00	87.99 2.29 0.00	81.35 2.54 0.00	84.15 3.02 0.00	57.28 2.30 0.00	61.76 2.56 -0.30	74.34 2.87 0.00	151.60 5.91 0.00	115.94 4.68 0.00	107.06 4.07 0.00	61.45 2.02 0.00	76.29 2.04 0.00	63.05 1.17 0.00	49.68 0.78 0.00
STATE_ST_34_KV_LOAD 55959	55.22 0.82 0.00	51.51 0.47 -0.08	49.96 0.54 -0.09	48.13 0.56 0.00	46.59 0.56 0.00	51.91 0.42 0.00	54.07 0.37 0.00	56.03 0.50 0.00	65.55 0.54 -0.28	69.92 0.43 -0.63	72.45 0.64 -0.57	88.22 0.87 -1.64	80.30 0.95 -0.54	82.42 1.28 0.00	55.58 0.60 0.00	59.60 0.70 0.00	72.71 1.24 0.00	148.47 2.79 0.00	113.61 2.36 0.00	105.69 2.70 0.00	60.83 1.40 0.00	75.76 1.51 0.00	62.68 0.80 0.00	49.32 0.43 0.00
STATION_5_MISC_HYD 23604	55.14 0.73 0.00	51.06 0.09 0.00	49.44 0.12 0.00	47.53 -0.05 0.00	46.03 0.00 0.00	51.48 0.00 0.00	53.48 -0.22 0.00	55.00 -0.52 0.00	64.29 -0.44 0.00	68.26 -0.61 0.00	71.10 -0.13 0.00	85.86 0.15 0.00	79.29 0.49 0.00	81.75 0.61 0.00	55.29 0.31 0.00	59.13 0.23 0.00	71.85 0.38 0.00	147.03 1.34 0.00	113.02 1.77 0.00	104.72 1.74 0.00	60.50 1.08 0.00	74.79 0.54 0.00	61.80 -0.08 0.00	48.91 0.02 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	54.99 0.59 0.00	51.00 0.02 -0.02	49.45 0.11 -0.02	47.53 -0.05 0.00	46.03 -0.01 0.00	51.46 -0.02 0.00	53.59 -0.11 0.00	55.22 -0.31 0.00	64.52 -0.28 -0.07	68.63 -0.39 -0.15	71.30 -0.07 -0.14	86.19 0.10 -0.39	79.34 0.40 -0.13	81.75 0.62 0.00	55.32 0.34 0.00	59.19 0.29 0.00	72.02 0.55 0.00	147.15 1.46 0.00	112.91 1.65 0.00	104.89 1.91 0.00	60.51 1.08 0.00	75.01 0.76 0.00	61.96 0.08 0.00	48.97 0.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	54.80 0.40 0.00	50.76 -0.20 0.00	49.17 -0.16 0.00	47.27 -0.31 0.00	45.78 -0.26 0.00	51.18 -0.30 0.00	53.20 -0.51 0.00	54.73 -0.79 0.00	63.97 -0.76 0.00	67.94 -0.93 0.00	70.76 -0.48 0.00	85.43 -0.28 0.00	78.93 0.12 0.00	81.39 0.26 0.00	55.03 0.04 0.00	58.87 -0.03 0.00	71.53 0.06 0.00	146.42 0.73 0.00	112.52 1.26 0.00	104.26 1.28 0.00	60.22 0.79 0.00	74.46 0.21 0.00	61.52 -0.36 0.00	48.65 -0.24 0.00
STA_56___34_KV_BUS2 355983	54.80 0.40 0.00	50.76 -0.20 0.00	49.17 -0.16 0.00	47.27 -0.31 0.00	45.78 -0.26 0.00	51.18 -0.30 0.00	53.20 -0.51 0.00	54.73 -0.79 0.00	63.97 -0.76 0.00	67.94 -0.93 0.00	70.76 -0.48 0.00	85.43 -0.28 0.00	78.93 0.12 0.00	81.39 0.26 0.00	55.03 0.04 0.00	58.87 -0.03 0.00	71.53 0.06 0.00	146.42 0.73 0.00	112.52 1.26 0.00	104.26 1.28 0.00	60.22 0.79 0.00	74.46 0.21 0.00	61.52 -0.36 0.00	48.65 -0.24 0.00
STA_67___115KV_BK2 355882	54.96 0.55 0.00	50.90 -0.06 0.00	49.32 -0.01 0.00	47.39 -0.19 0.00	45.91 -0.12 0.00	51.33 -0.15 0.00	53.32 -0.38 0.00	54.83 -0.70 0.00	64.08 -0.64 0.00	68.02 -0.85 0.00	70.83 -0.40 0.00	85.53 -0.18 0.00	79.03 0.23 0.00	81.46 0.33 0.00	55.06 0.07 0.00	58.89 -0.01 0.00	71.54 0.07 0.00	146.44 0.75 0.00	112.60 1.35 0.00	104.37 1.38 0.00	60.31 0.88 0.00	74.54 0.30 0.00	61.60 -0.28 0.00	48.77 -0.13 0.00
STA_7___115KV_9TRANS 80674	55.56 1.16 0.00	51.42 0.46 0.00	49.79 0.46 0.00	47.83 0.26 0.00	46.33 0.29 0.00	51.81 0.32 0.00	53.83 0.13 0.00	55.37 -0.15 0.00	64.74 0.01 0.00	68.75 -0.12 0.00	71.65 0.41 0.00	86.52 0.82 0.00	79.93 1.13 0.00	82.47 1.33 0.00	55.76 0.78 0.00	59.65 0.75 0.00	72.51 1.04 0.00	148.40 2.71 0.00	113.99 2.74 0.00	105.58 2.59 0.00	60.97 1.55 0.00	75.38 1.14 0.00	62.27 0.39 0.00	49.25 0.35 0.00
STA_82___115KV_TB1 80780	54.97 0.57 0.00	50.92 -0.04 0.00	49.32 0.00 0.00	47.41 -0.17 0.00	45.92 -0.11 0.00	51.34 -0.15 0.00	53.33 -0.37 0.00	54.84 -0.69 0.00	64.09 -0.63 0.00	68.06 -0.81 0.00	70.87 -0.37 0.00	85.56 -0.15 0.00	79.04 0.23 0.00	81.49 0.35 0.00	55.06 0.08 0.00	58.91 0.00 0.00	71.58 0.10 0.00	146.50 0.81 0.00	112.65 1.40 0.00	104.42 1.43 0.00	60.34 0.91 0.00	74.59 0.35 0.00	61.64 -0.24 0.00	48.78 -0.12 0.00
STEEL___WIND 323596	54.86 0.45 0.00	50.54 -0.43 0.00	49.06 -0.26 0.00	47.02 -0.56 0.00	45.56 -0.47 0.00	50.98 -0.51 0.00	52.78 -0.93 0.00	53.91 -1.62 0.00	62.98 -1.75 0.00	66.73 -2.14 0.00	69.72 -1.52 0.00	84.39 -1.32 0.00	78.21 -0.60 0.00	80.30 -0.84 0.00	54.13 -0.85 0.00	57.66 -1.24 0.00	70.58 -0.89 0.00	144.24 -1.45 0.00	111.12 -0.13 0.00	103.57 0.58 0.00	59.93 0.51 0.00	73.51 -0.73 0.00	60.68 -1.20 0.00	48.26 -0.64 0.00
STEPHTWN_115KV_BK_2 55603	55.30 0.90 0.00	51.99 1.02 0.00	50.70 1.37 0.00	48.76 1.18 0.00	47.31 1.27 0.00	52.70 1.22 0.00	54.85 1.15 0.00	56.97 1.45 0.00	66.31 1.58 0.00	70.59 1.72 0.00	73.08 1.85 0.00	88.19 2.48 0.00	81.81 3.00 0.00	84.44 3.31 0.00	57.34 2.36 0.00	57.56 2.64 3.99	74.53 3.06 0.00	152.08 6.39 0.00	116.56 5.30 0.00	107.81 4.82 0.00	61.63 2.20 0.00	76.72 2.48 0.00	63.16 1.28 0.00	49.72 0.83 0.00
STEBEN_REC_LFGE 323667	56.28 1.88 0.00	51.88 0.89 -0.03	50.45 1.10 -0.03	48.44 0.87 0.00	46.96 0.92 0.00	52.60 1.12 0.00	54.85 1.15 0.00	56.14 0.62 0.00	65.69 0.86 -0.10	69.55 0.47 -0.22	72.19 0.75 -0.20	87.27 0.98 -0.58	80.15 1.15 -0.19	82.30 1.17 0.00	55.83 0.85 0.00	59.61 0.71 0.00	72.94 1.47 0.00	148.77 3.08 0.00	114.36 3.11 0.00	107.10 4.11 0.00	61.87 2.44 0.00	76.66 2.42 0.00	63.06 1.18 0.00	50.01 1.11 0.00
STILLWATER___SOLAR 323814	57.02 2.62 0.00	53.45 2.49 0.00	51.97 2.65 0.00	50.14 2.56 0.00	48.39 2.36 0.00	53.92 2.43 0.00	56.09 2.40 0.00	58.18 2.66 0.00	67.69 2.96 0.00	71.94 3.07 0.00	74.35 3.11 0.00	89.78 4.07 0.00	82.79 3.99 0.00	85.58 4.45 0.00	58.11 3.13 0.00	63.45 3.52 -1.03	75.60 4.12 0.00	154.37 8.68 0.00	118.71 7.46 0.00	110.03 7.04 0.00	63.21 3.78 0.00	78.58 4.34 0.00	64.93 3.05 0.00	51.12 2.23 0.00
STONY___BROOK 24151	56.27 1.87 0.00	53.89 2.92 0.00	53.22 3.89 0.00	51.54 3.97 0.00	49.54 3.50 0.00	54.42 2.94 0.00	55.89 2.19 0.00	57.81 2.29 0.00	67.98 3.25 0.00	73.69 3.83 -0.99	86.01 4.17 -10.60	319.89 6.45 -227.74	295.92 6.92 -210.20	324.52 8.47 -234.91	320.11 6.29 -258.84	384.56 6.54 -319.12	842.30 7.87 -762.96	1662.43 15.88 -1500.87	341.92 11.45 -219.22	328.73 9.38 -216.37	358.59 5.12 -294.04	346.06 4.40 -267.41	193.73 2.69 -129.16	70.79 1.93 -19.96
STURGEON_POOL_HYD 23609	56.38 1.98 0.00	53.03 2.07 0.00	51.62 2.30 0.00	49.87 2.29 0.00	48.12 2.08 0.00	53.46 1.97 0.00	55.60 1.90 0.00	57.84 2.31 0.00	67.43 2.70 0.00	71.79 2.92 0.00	74.45 3.21 0.00	90.49 4.78 0.00	84.28 5.47 0.00	87.83 6.69 0.00	70.69 4.95 -10.76	101.62 5.28 -37.44	139.96 6.45 -62.04	170.35 13.03 -11.63	120.34 9.09 0.00	110.71 7.72 0.00	63.43 4.00 0.00	78.06 3.81 0.00	64.35 2.46 0.00	50.80 1.90 0.00

ST_LAW_115_BK7_LBMP 345037	53.98 -0.43 0.00	50.59 -0.37 0.00	48.67 -0.66 0.00	46.86 -0.71 0.00	45.46 -0.58 0.00	51.17 -0.32 0.00	53.52 -0.18 0.00	55.11 -0.42 0.00	64.35 -0.38 0.00	68.40 -0.47 0.00	70.55 -0.69 0.00	84.41 -1.30 0.00	77.24 -1.57 0.00	78.63 -2.50 0.00	52.92 -2.06 0.00	56.78 -2.13 0.00	68.95 -2.52 0.00	140.45 -5.23 0.00	107.18 -4.07 0.00	99.24 -3.75 0.00	57.55 -1.87 0.00	72.76 -1.49 0.00	61.34 -0.55 0.00	48.60 -0.30 0.00
ST_LAW_115_BK8_LBMP 345038	53.98 -0.43 0.00	50.59 -0.37 0.00	48.67 -0.66 0.00	46.86 -0.71 0.00	45.46 -0.58 0.00	51.17 -0.32 0.00	53.52 -0.18 0.00	55.11 -0.42 0.00	64.35 -0.38 0.00	68.40 -0.47 0.00	70.55 -0.69 0.00	84.41 -1.30 0.00	77.24 -1.57 0.00	78.63 -2.50 0.00	52.92 -2.06 0.00	56.78 -2.13 0.00	68.95 -2.52 0.00	140.45 -5.23 0.00	107.18 -4.07 0.00	99.24 -3.75 0.00	57.55 -1.87 0.00	72.76 -1.49 0.00	61.34 -0.55 0.00	48.60 -0.30 0.00
ST_LAW_230_BK5_LBMP 345035	53.98 -0.42 0.00	50.59 -0.38 0.00	48.68 -0.64 0.00	46.88 -0.69 0.00	45.47 -0.57 0.00	51.14 -0.35 0.00	53.51 -0.19 0.00	55.11 -0.42 0.00	64.35 -0.38 0.00	68.42 -0.45 0.00	70.60 -0.63 0.00	84.51 -1.19 0.00	77.36 -1.45 0.00	78.85 -2.29 0.00	53.09 -1.89 0.00	56.96 -1.94 0.00	69.17 -2.31 0.00	140.90 -4.79 0.00	107.55 -3.70 0.00	99.60 -3.39 0.00	57.72 -1.71 0.00	72.84 -1.40 0.00	61.35 -0.53 0.00	48.61 -0.29 0.00
ST_LAW_230_BK6_LBMP 345036	53.98 -0.42 0.00	50.59 -0.38 0.00	48.68 -0.64 0.00	46.88 -0.69 0.00	45.47 -0.57 0.00	51.14 -0.35 0.00	53.51 -0.19 0.00	55.11 -0.42 0.00	64.35 -0.38 0.00	68.42 -0.45 0.00	70.60 -0.63 0.00	84.51 -1.19 0.00	77.36 -1.45 0.00	78.85 -2.29 0.00	53.09 -1.89 0.00	56.96 -1.94 0.00	69.17 -2.31 0.00	140.90 -4.79 0.00	107.55 -3.70 0.00	99.60 -3.39 0.00	57.72 -1.71 0.00	72.84 -1.40 0.00	61.35 -0.53 0.00	48.61 -0.29 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	56.00 1.60 0.00	52.77 1.80 0.00	51.32 1.99 0.00	49.53 1.96 0.00	47.82 1.79 0.00	53.15 1.67 0.00	55.31 1.61 0.00	57.43 1.90 0.00	66.99 2.26 0.00	71.29 2.43 0.00	73.96 2.73 0.00	89.78 4.07 0.00	83.45 4.65 0.00	86.99 5.86 0.00	64.82 4.33 -5.51	105.06 4.47 -41.68	146.25 5.40 -69.37	168.98 10.94 -12.35	118.99 7.73 0.00	109.55 6.56 0.00	62.75 3.32 0.00	77.24 3.00 0.00	63.75 1.86 0.00	50.39 1.49 0.00
SWANROAD_115KV_TB1 355699	53.74 -0.66 0.00	49.64 -1.33 0.00	48.20 -1.13 0.00	46.21 -1.36 0.00	44.81 -1.23 0.00	50.08 -1.41 0.00	51.56 -2.14 0.00	52.23 -3.29 0.00	60.91 -3.82 0.00	64.44 -4.43 0.00	67.33 -3.90 0.00	81.38 -4.32 0.00	75.53 -3.27 0.00	77.38 -3.75 0.00	52.23 -2.75 0.00	55.75 -3.15 0.00	68.06 -3.41 0.00	139.10 -6.59 0.00	107.48 -3.77 0.00	99.80 -3.19 0.00	57.94 -1.49 0.00	70.97 -3.28 0.00	58.73 -3.15 0.00	47.06 -1.84 0.00
SYNERGY___BIOGAS 323694	56.27 1.87 0.00	51.92 0.95 0.00	50.29 0.97 0.00	48.24 0.66 0.00	46.78 0.74 0.00	52.33 0.85 0.00	54.23 0.53 0.00	55.44 -0.08 0.00	64.91 0.18 0.00	68.75 -0.12 0.00	71.65 0.41 0.00	86.25 0.54 0.00	79.89 1.08 0.00	81.93 0.79 0.00	55.42 0.44 0.00	59.36 0.45 0.00	71.87 0.40 0.00	147.39 1.70 0.00	113.94 2.69 0.00	105.78 2.79 0.00	61.23 1.81 0.00	75.21 0.96 0.00	62.06 0.18 0.00	49.35 0.46 0.00
SYRACUSE___ENERGY_ST1 323597	54.52 0.12 0.00	50.92 -0.14 -0.09	49.38 -0.05 -0.11	47.53 -0.05 0.00	45.98 -0.06 0.00	51.36 -0.12 0.00	53.54 -0.16 0.00	55.39 -0.14 0.00	64.90 -0.17 -0.34	69.42 -0.19 -0.75	71.72 -0.19 -0.68	87.44 -0.22 -1.95	79.17 -0.28 -0.64	81.07 -0.07 0.00	54.94 -0.04 0.00	58.81 -0.09 0.00	71.61 0.13 0.00	146.04 0.35 0.00	111.69 0.44 0.00	103.55 0.56 0.00	59.65 0.22 0.00	74.39 0.15 0.00	61.72 -0.16 0.00	48.82 -0.08 0.00
SYRACUSE___ENERGY_ST2 323598	54.52 0.12 0.00	50.92 -0.14 -0.09	49.38 -0.05 -0.11	47.53 -0.05 0.00	45.98 -0.06 0.00	51.36 -0.12 0.00	53.54 -0.16 0.00	55.39 -0.14 0.00	64.90 -0.17 -0.34	69.42 -0.19 -0.75	71.72 -0.19 -0.68	87.44 -0.22 -1.95	79.17 -0.28 -0.64	81.07 -0.07 0.00	54.94 -0.04 0.00	58.81 -0.09 0.00	71.61 0.13 0.00	146.04 0.35 0.00	111.69 0.44 0.00	103.55 0.56 0.00	59.65 0.22 0.00	74.39 0.15 0.00	61.72 -0.16 0.00	48.82 -0.08 0.00
SYRACUSE___POWER 24017	54.58 0.18 0.00	50.92 -0.10 -0.06	49.39 0.00 -0.07	47.55 -0.03 0.00	46.02 -0.02 0.00	51.39 -0.09 0.00	53.62 -0.08 0.00	55.44 -0.09 0.00	64.85 -0.10 -0.22	69.27 -0.10 -0.49	71.63 -0.06 -0.45	87.10 0.10 -1.30	79.32 0.08 -0.43	81.60 0.47 0.00	55.35 0.37 0.00	59.13 0.22 0.00	71.98 0.50 0.00	146.81 1.12 0.00	112.23 0.97 0.00	104.09 1.11 0.00	59.94 0.52 0.00	74.75 0.51 0.00	61.94 0.06 0.00	48.91 0.01 0.00
TALLMAN__138KV_BK151 55660	56.13 1.73 0.00	52.94 1.97 0.00	51.48 2.16 0.00	49.68 2.11 0.00	47.97 1.94 0.00	53.27 1.79 0.00	55.47 1.77 0.00	57.61 2.08 0.00	67.22 2.49 0.00	71.57 2.70 0.00	74.27 3.04 0.00	90.19 4.48 0.00	83.94 5.13 0.00	87.60 6.46 0.00	64.11 4.80 -4.33	107.61 5.04 -43.66	150.36 5.96 -72.93	170.51 11.98 -12.83	119.66 8.41 0.00	110.08 7.10 0.00	63.00 3.58 0.00	77.40 3.16 0.00	63.84 1.96 0.00	50.50 1.60 0.00
TEALLAVE_115KV_TB7 355573	54.25 -0.15 0.00	50.62 -0.40 -0.05	49.08 -0.30 -0.06	47.28 -0.30 0.00	45.75 -0.29 0.00	51.11 -0.38 0.00	53.29 -0.41 0.00	55.11 -0.42 0.00	64.44 -0.48 -0.19	68.77 -0.51 -0.41	71.14 -0.47 -0.38	86.42 -0.37 -1.08	78.94 -0.21 -0.36	81.24 0.10 0.00	55.12 0.14 0.00	58.92 0.01 0.00	71.64 0.17 0.00	146.11 0.42 0.00	111.74 0.48 0.00	103.58 0.59 0.00	59.67 0.25 0.00	74.34 0.09 0.00	61.60 -0.28 0.00	48.64 -0.25 0.00
TELGRAPH_34_KV_EAST 80808	54.89 0.49 0.00	50.66 -0.30 0.00	49.14 -0.19 0.00	47.13 -0.45 0.00	45.68 -0.35 0.00	51.10 -0.39 0.00	52.79 -0.91 0.00	53.77 -1.76 0.00	62.90 -1.82 0.00	66.62 -2.25 0.00	69.49 -1.75 0.00	83.85 -1.86 0.00	77.59 -1.21 0.00	79.64 -1.49 0.00	53.77 -1.21 0.00	57.42 -1.48 0.00	70.00 -1.47 0.00	143.11 -2.58 0.00	110.47 -0.78 0.00	102.56 -0.43 0.00	59.47 0.05 0.00	72.94 -1.31 0.00	60.28 -1.60 0.00	48.09 -0.81 0.00
TEMPLE___115KV_TB 2 55572	54.29 -0.11 0.00	50.65 -0.37 -0.05	49.10 -0.28 -0.06	47.29 -0.28 0.00	45.77 -0.26 0.00	51.14 -0.35 0.00	53.31 -0.39 0.00	55.11 -0.41 0.00	64.47 -0.45 -0.19	68.80 -0.48 -0.41	71.18 -0.43 -0.38	86.48 -0.30 -1.08	78.98 -0.18 -0.35	81.30 0.16 0.00	55.16 0.18 0.00	58.95 0.05 0.00	71.69 0.22 0.00	146.23 0.55 0.00	111.79 0.54 0.00	103.64 0.65 0.00	59.70 0.27 0.00	74.37 0.12 0.00	61.63 -0.25 0.00	48.66 -0.24 0.00
TIANA____69_KV_BK 1 55817	56.72 2.32 0.00	54.25 3.28 0.00	53.64 4.32 0.00	52.09 4.51 0.00	50.10 4.06 0.00	55.12 3.64 0.00	56.67 2.97 0.00	58.60 3.07 0.00	69.16 4.43 0.00	74.68 5.15 -0.66	84.54 5.63 -7.67	264.77 8.03 -171.03	234.45 8.11 -147.54	284.79 9.92 -193.74	298.78 7.22 -236.58	385.64 7.63 -319.11	830.22 8.70 -750.04	1663.53 17.30 -1500.54	328.48 12.66 -204.56	277.81 11.43 -163.39	302.43 6.10 -236.91	282.67 5.38 -203.05	166.19 3.68 -100.63	67.24 2.80 -15.55

TILDEN___115KV_TB1 80814	54.58 0.18 0.00	50.92 -0.10 -0.06	49.39 0.00 -0.07	47.55 -0.03 0.00	46.02 -0.02 0.00	51.39 -0.09 0.00	53.62 -0.08 0.00	55.44 -0.09 0.00	64.85 -0.10 -0.22	69.27 -0.10 -0.49	71.63 -0.06 -0.45	87.10 0.10 -1.30	79.32 0.08 -0.43	81.60 0.47 0.00	55.35 0.37 0.00	59.13 0.22 0.00	71.98 0.50 0.00	146.81 1.12 0.00	112.23 0.97 0.00	104.09 1.11 0.00	59.94 0.52 0.00	74.75 0.51 0.00	61.94 0.06 0.00	48.91 0.01 0.00
TRIGEN___CC 323695	56.21 1.81 0.00	53.48 2.52 0.00	52.40 3.07 0.00	50.61 3.03 0.00	48.71 2.67 0.00	53.79 2.31 0.00	55.67 1.97 0.00	57.81 2.29 0.00	67.72 2.99 0.00	72.27 3.40 0.00	75.04 3.80 0.00	97.80 5.78 -6.32	92.56 6.28 -7.47	138.31 7.76 -49.41	250.06 5.76 -189.32	386.89 6.06 -321.93	827.49 7.15 -748.87	1712.71 14.40 -1552.62	300.46 10.32 -178.88	134.79 8.57 -23.22	99.37 4.49 -35.45	78.09 3.85 0.00	64.25 2.36 0.00	50.68 1.78 0.00
TRINITY__115KV__4 BK 55933	54.87 0.47 0.00	51.66 0.70 0.00	50.36 1.03 0.00	48.62 1.05 0.00	46.93 0.90 0.00	52.26 0.77 0.00	54.27 0.57 0.00	56.38 0.85 0.00	65.64 0.91 0.00	69.88 1.01 0.00	72.32 1.09 0.00	87.39 1.68 0.00	80.79 1.99 0.00	83.56 2.43 0.00	56.89 1.91 0.00	60.16 2.12 0.87	73.78 2.30 0.00	150.42 4.73 0.00	115.12 3.87 0.00	106.30 3.31 0.00	61.02 1.59 0.00	75.79 1.55 0.00	62.66 0.78 0.00	49.39 0.50 0.00
UNION___PROCESSING_DRP 323587	54.98 0.58 0.00	50.93 -0.03 0.00	49.34 0.01 0.00	47.42 -0.16 0.00	45.94 -0.10 0.00	51.36 -0.12 0.00	53.36 -0.34 0.00	54.85 -0.67 0.00	64.12 -0.61 0.00	68.07 -0.80 0.00	70.90 -0.34 0.00	85.59 -0.12 0.00	79.05 0.24 0.00	81.49 0.36 0.00	55.07 0.09 0.00	58.93 0.03 0.00	71.58 0.11 0.00	146.57 0.88 0.00	112.69 1.44 0.00	104.46 1.47 0.00	60.37 0.94 0.00	74.60 0.36 0.00	61.66 -0.23 0.00	48.79 -0.11 0.00
UPPER HUDSON___HYD 24058	57.19 2.78 0.00	53.54 2.58 0.00	52.00 2.68 0.00	50.12 2.54 0.00	48.36 2.32 0.00	53.90 2.42 0.00	56.19 2.49 0.00	58.30 2.78 0.00	67.83 3.10 0.00	71.96 3.09 0.00	73.93 2.69 0.00	89.39 3.68 0.00	82.32 3.52 0.00	84.99 3.85 0.00	57.76 2.78 0.00	62.92 3.15 0.00	75.19 3.72 0.00	153.52 7.84 0.00	118.69 7.44 0.00	110.17 7.18 0.00	63.27 3.85 0.00	78.72 4.48 0.00	65.06 3.18 0.00	51.17 2.27 0.00
UPPER RAQUET___HYD 24056	55.02 0.62 0.00	51.56 0.59 -0.02	49.54 0.20 -0.02	47.68 0.10 0.00	46.25 0.22 0.00	52.17 0.69 0.00	54.69 0.99 0.00	56.16 0.63 0.00	65.33 0.55 -0.05	69.22 0.23 -0.11	70.72 -0.62 -0.11	84.36 -1.65 -0.30	76.82 -2.08 -0.10	77.20 -3.93 0.00	52.17 -2.81 0.00	55.76 -3.14 0.00	67.72 -3.75 0.00	138.12 -7.57 0.00	105.72 -5.53 0.00	97.91 -5.08 0.00	57.10 -2.32 0.00	73.25 -1.00 0.00	61.90 0.01 0.00	49.25 0.35 0.00
VALLEY44_115KV_TB2 355964	54.34 -0.07 0.00	50.10 -0.86 0.00	48.71 -0.61 0.00	46.72 -0.85 0.00	45.30 -0.73 0.00	50.70 -0.78 0.00	52.72 -0.98 0.00	53.99 -1.54 0.00	63.13 -1.60 0.00	66.68 -2.19 0.00	69.34 -1.90 0.00	83.54 -2.17 0.00	77.54 -1.26 0.00	80.07 -1.06 0.00	53.91 -1.06 0.00	57.39 -1.51 0.00	70.42 -1.05 0.00	143.99 -1.70 0.00	110.78 -0.48 0.00	103.79 0.80 0.00	59.78 0.36 0.00	73.80 -0.45 0.00	60.74 -1.14 0.00	48.20 -0.69 0.00
VALLEY___115KV_TB 1-4 80826	55.59 1.19 0.00	52.10 1.14 0.00	50.74 1.41 0.00	48.93 1.35 0.00	47.21 1.17 0.00	52.59 1.11 0.00	54.68 0.99 0.00	56.63 1.11 0.00	66.00 1.27 0.00	70.16 1.29 0.00	72.68 1.44 0.00	87.68 1.97 0.00	80.30 1.49 0.00	83.22 2.08 0.00	56.79 1.81 0.00	60.88 1.98 0.00	73.49 2.02 0.00	150.20 4.51 0.00	114.91 3.65 0.00	107.00 4.01 0.00	61.56 2.14 0.00	76.63 2.38 0.00	63.42 1.54 0.00	49.89 0.99 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	56.50 2.10 0.00	52.89 1.91 -0.02	51.52 2.17 -0.02	49.79 2.21 0.00	48.06 2.02 0.00	53.55 2.06 0.00	55.72 2.02 0.00	57.85 2.33 0.00	67.36 2.56 -0.06	71.87 2.86 -0.14	74.59 3.22 -0.13	90.40 4.32 -0.38	83.01 4.08 -0.12	85.82 4.69 0.00	59.02 3.28 -0.76	65.05 3.49 -2.66	80.10 4.27 -4.37	155.38 8.88 -0.82	117.90 6.64 0.00	109.23 6.24 0.00	62.85 3.43 0.00	78.07 3.82 0.00	64.54 2.66 0.00	50.87 1.97 0.00
VISCHER___FERRY HYD 24020	56.09 1.69 0.00	52.68 1.72 0.00	51.32 2.00 0.00	49.50 1.92 0.00	47.78 1.74 0.00	53.22 1.73 0.00	55.26 1.56 0.00	57.39 1.87 0.00	66.79 2.06 0.00	71.05 2.18 0.00	73.54 2.31 0.00	88.92 3.21 0.00	82.16 3.36 0.00	85.00 3.87 0.00	58.58 2.84 -0.76	66.33 3.16 -4.27	79.39 3.50 -4.41	153.79 7.28 -0.83	117.32 6.07 0.00	108.45 5.46 0.00	62.24 2.81 0.00	77.40 3.16 0.00	63.97 2.09 0.00	50.41 1.52 0.00
V_A_10_SYNC_DSASP 323832	54.07 -0.33 0.00	50.00 -0.96 0.00	48.53 -0.79 0.00	46.59 -0.99 0.00	45.16 -0.88 0.00	50.48 -1.00 0.00	52.24 -1.46 0.00	53.40 -2.13 0.00	62.37 -2.36 0.00	66.11 -2.76 0.00	69.01 -2.23 0.00	83.39 -2.31 0.00	77.21 -1.60 0.00	79.36 -1.77 0.00	53.49 -1.49 0.00	57.15 -1.76 0.00	69.28 -2.20 0.00	141.67 -4.02 0.00	109.27 -1.98 0.00	101.56 -1.42 0.00	58.89 -0.54 0.00	72.69 -1.56 0.00	60.13 -1.76 0.00	47.80 -1.10 0.00
V_CMM_10_SYNC_DSASP 323787	54.26 -0.14 0.00	50.85 -0.11 0.00	48.92 -0.40 0.00	47.10 -0.47 0.00	45.69 -0.34 0.00	51.42 -0.06 0.00	53.79 0.09 0.00	55.39 -0.14 0.00	64.67 -0.06 0.00	68.76 -0.11 0.00	70.92 -0.31 0.00	84.86 -0.84 0.00	77.67 -1.14 0.00	79.08 -2.06 0.00	53.01 -1.97 0.00	56.83 -2.07 0.00	69.02 -2.45 0.00	140.60 -5.09 0.00	107.32 -3.93 0.00	99.39 -3.60 0.00	57.63 -1.80 0.00	73.11 -1.13 0.00	61.66 -0.22 0.00	48.87 -0.02 0.00
V_CMP_10_SYNC_DSASP 323788	53.61 -0.79 0.00	50.51 -0.45 0.00	48.99 -0.34 0.00	47.24 -0.34 0.00	45.72 -0.31 0.00	51.07 -0.42 0.00	53.64 -0.06 0.00	54.97 -0.55 0.00	64.03 -0.69 0.00	67.82 -1.05 0.00	69.91 -1.32 0.00	84.04 -1.67 0.00	76.87 -1.93 0.00	78.16 -2.98 0.00	52.69 -2.29 0.00	56.41 -2.49 0.00	68.42 -3.05 0.00	139.55 -6.14 0.00	106.84 -4.41 0.00	99.32 -3.67 0.00	57.36 -2.07 0.00	72.48 -1.76 0.00	61.18 -0.70 0.00	48.32 -0.57 0.00
V_D_10_SYNC_DSASP 323841	54.63 0.23 0.00	51.18 0.22 0.00	49.22 -0.10 0.00	47.40 -0.18 0.00	45.98 -0.06 0.00	51.85 0.36 0.00	54.24 0.55 0.00	55.82 0.30 0.00	65.05 0.32 0.00	69.11 0.24 0.00	71.18 -0.05 0.00	85.09 -0.62 0.00	77.84 -0.97 0.00	78.63 -2.51 0.00	53.08 -1.90 0.00	56.94 -1.96 0.00	69.16 -2.31 0.00	140.90 -4.79 0.00	107.62 -3.64 0.00	99.60 -3.39 0.00	57.80 -1.62 0.00	73.53 -0.71 0.00	61.98 0.09 0.00	49.14 0.24 0.00
V_E_10_SYNC_DSASP 323830	58.88 4.47 0.00	54.82 3.82 -0.04	53.41 4.04 -0.05	51.37 3.80 0.00	49.74 3.70 0.00	55.67 4.19 0.00	58.32 4.62 0.00	60.27 4.74 0.00	70.55 5.68 -0.14	75.35 6.17 -0.31	77.89 6.37 -0.28	94.52 8.00 -0.81	86.03 6.96 -0.27	88.57 7.44 0.00	60.34 4.84 -0.52	65.71 4.98 -1.82	81.15 6.68 -3.00	160.14 13.88 -0.56	122.49 11.24 0.00	114.96 11.97 0.00	66.23 6.81 0.00	82.23 7.98 0.00	67.67 5.79 0.00	53.14 4.24 0.00

V_F_30_NSYNC___DSASP 323816	57.12 2.72 0.00	53.52 2.55 0.00	52.04 2.72 0.00	50.22 2.64 0.00	48.46 2.42 0.00	53.99 2.50 0.00	56.18 2.48 0.00	58.28 2.75 0.00	67.84 3.11 0.00	72.10 3.24 0.00	74.52 3.28 0.00	89.98 4.28 0.00	82.97 4.16 0.00	85.78 4.64 0.00	58.26 3.28 0.00	63.51 3.66 -0.95	75.81 4.34 0.00	154.81 9.12 0.00	118.96 7.70 0.00	110.23 7.24 0.00	63.31 3.89 0.00	78.70 4.46 0.00	65.02 3.13 0.00	51.20 2.30 0.00
V_F_30_SYNC_DSASP 323786	55.22 0.82 0.00	51.97 1.00 0.00	50.64 1.32 0.00	48.88 1.31 0.00	47.19 1.15 0.00	52.53 1.04 0.00	54.59 0.89 0.00	56.71 1.18 0.00	66.04 1.31 0.00	70.33 1.46 0.00	72.80 1.57 0.00	87.98 2.28 0.00	81.32 2.52 0.00	84.14 3.00 0.00	57.28 2.30 0.00	61.66 2.55 -0.20	74.33 2.86 0.00	151.57 5.88 0.00	115.94 4.68 0.00	107.04 4.05 0.00	61.44 2.02 0.00	76.29 2.04 0.00	63.05 1.17 0.00	49.68 0.78 0.00
V_XM_10_SYNC_DSASP 323789	53.61 -0.79 0.00	50.51 -0.45 0.00	48.99 -0.34 0.00	47.24 -0.34 0.00	45.72 -0.31 0.00	51.07 -0.42 0.00	53.64 -0.06 0.00	54.97 -0.55 0.00	64.03 -0.69 0.00	67.82 -1.05 0.00	69.91 -1.32 0.00	84.04 -1.67 0.00	76.87 -1.93 0.00	78.16 -2.98 0.00	52.69 -2.29 0.00	56.41 -2.49 0.00	68.42 -3.05 0.00	139.55 -6.14 0.00	106.84 -4.41 0.00	99.32 -3.67 0.00	57.36 -2.07 0.00	72.48 -1.76 0.00	61.18 -0.70 0.00	48.32 -0.57 0.00
W.BABYLN_69_KV_BK1 56697	56.88 2.48 0.00	54.30 3.33 0.00	53.50 4.17 0.00	51.73 4.16 0.00	49.72 3.68 0.00	54.69 3.20 0.00	56.35 2.65 0.00	58.46 2.94 0.00	68.69 3.96 0.00	73.71 4.62 -0.22	77.29 5.14 -0.92	115.61 7.55 -22.36	106.63 7.92 -19.89	156.67 9.59 -65.95	254.44 7.03 -192.42	385.86 7.51 -319.44	820.85 9.00 -740.38	1670.97 18.40 -1506.88	304.66 13.47 -179.94	151.87 11.24 -37.64	125.27 6.02 -59.83	103.29 5.47 -23.57	77.57 3.51 -12.18	53.37 2.59 -1.88
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	56.33 1.93 0.00	53.11 2.15 0.00	51.65 2.33 0.00	49.84 2.27 0.00	48.13 2.09 0.00	53.48 1.99 0.00	55.65 1.96 0.00	57.83 2.31 0.00	67.49 2.76 0.00	71.88 3.01 0.00	74.59 3.35 0.00	90.61 4.91 0.00	84.33 5.52 0.00	88.00 6.86 0.00	64.50 5.08 -4.44	108.59 5.34 -44.35	151.89 6.35 -74.06	171.51 12.78 -13.04	120.23 8.97 0.00	110.61 7.62 0.00	63.30 3.88 0.00	77.78 3.53 0.00	64.12 2.24 0.00	50.70 1.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	56.53 2.13 0.00	53.46 2.49 0.00	52.10 2.77 0.00	50.30 2.72 0.00	48.58 2.55 0.00	53.93 2.44 0.00	56.09 2.39 0.00	58.32 2.80 0.00	68.13 3.40 0.00	72.58 3.71 0.00	75.18 3.94 0.00	91.17 5.47 0.00	84.87 6.07 0.00	88.64 7.50 0.00	79.72 5.50 -19.24	115.10 5.64 -50.55	159.92 6.69 -81.76	175.01 13.48 -15.84	120.66 9.40 0.00	110.96 7.97 0.00	63.49 4.06 0.00	77.83 3.59 0.00	64.20 2.32 0.00	50.88 1.98 0.00
W50THST__13_KV_LOAD 356117	56.86 2.46 0.00	53.80 2.84 0.00	52.45 3.13 0.00	50.65 3.07 0.00	48.94 2.91 0.00	54.34 2.85 0.00	56.56 2.86 0.00	58.83 3.30 0.00	68.78 4.05 0.00	73.27 4.40 0.00	75.86 4.62 0.00	91.95 6.25 0.00	85.65 6.85 0.00	89.46 8.33 0.00	80.25 6.03 -19.24	115.65 6.19 -50.55	160.57 7.33 -81.76	176.29 14.76 -15.84	121.56 10.30 0.00	111.73 8.74 0.00	63.90 4.47 0.00	78.29 4.04 0.00	64.55 2.67 0.00	51.18 2.29 0.00
WADING RIVER_IC_1 23522	56.04 1.64 0.00	53.60 2.64 0.00	52.97 3.64 0.00	51.29 3.71 0.00	49.32 3.28 0.00	54.27 2.79 0.00	55.79 2.10 0.00	57.74 2.22 0.00	67.99 3.26 0.00	73.39 3.87 -0.65	83.13 4.27 -7.62	262.33 6.36 -170.26	231.70 6.43 -146.46	282.55 8.12 -193.29	297.08 5.88 -236.22	384.18 6.17 -319.10	828.13 6.89 -749.77	1659.80 13.61 -1500.51	325.69 10.13 -204.31	274.82 9.16 -162.67	300.77 5.06 -236.29	280.80 4.28 -202.28	164.95 2.75 -100.32	66.56 2.16 -15.50
WADING RIVER_IC_2 23547	56.04 1.64 0.00	53.60 2.64 0.00	52.97 3.64 0.00	51.29 3.71 0.00	49.32 3.28 0.00	54.27 2.79 0.00	55.79 2.10 0.00	57.74 2.22 0.00	67.99 3.26 0.00	73.39 3.87 -0.65	83.13 4.27 -7.62	262.33 6.36 -170.26	231.70 6.43 -146.46	282.55 8.12 -193.29	297.08 5.88 -236.22	384.18 6.17 -319.10	828.13 6.89 -749.77	1659.80 13.61 -1500.51	325.69 10.13 -204.31	274.82 9.16 -162.67	300.77 5.06 -236.29	280.80 4.28 -202.28	164.95 2.75 -100.32	66.56 2.16 -15.50
WADING RIVER_IC_3 23601	56.04 1.64 0.00	53.60 2.64 0.00	52.97 3.64 0.00	51.29 3.71 0.00	49.32 3.28 0.00	54.27 2.79 0.00	55.79 2.10 0.00	57.74 2.22 0.00	67.99 3.26 0.00	73.39 3.87 -0.65	83.13 4.27 -7.62	262.33 6.36 -170.26	231.70 6.43 -146.46	282.55 8.12 -193.29	297.08 5.88 -236.22	384.18 6.17 -319.10	828.13 6.89 -749.77	1659.80 13.61 -1500.51	325.69 10.13 -204.31	274.82 9.16 -162.67	300.77 5.06 -236.29	280.80 4.28 -202.28	164.95 2.75 -100.32	66.56 2.16 -15.50
WALDENNY_12_KV_BK2 80841	54.97 0.56 0.00	50.64 -0.33 0.00	49.17 -0.16 0.00	47.12 -0.46 0.00	45.67 -0.37 0.00	51.09 -0.39 0.00	52.86 -0.84 0.00	53.95 -1.58 0.00	63.08 -1.66 0.00	66.80 -2.07 0.00	69.80 -1.44 0.00	84.46 -1.25 0.00	78.32 -0.48 0.00	80.47 -0.67 0.00	54.23 -0.75 0.00	57.79 -1.11 0.00	70.72 -0.76 0.00	144.52 -1.17 0.00	111.42 0.17 0.00	103.76 0.77 0.00	60.02 0.60 0.00	73.58 -0.67 0.00	60.70 -1.18 0.00	48.31 -0.58 0.00
WALDEN___HYDRO 24148	56.52 2.12 0.00	53.22 2.26 0.00	51.75 2.43 0.00	49.96 2.38 0.00	48.22 2.19 0.00	53.59 2.10 0.00	55.77 2.07 0.00	57.97 2.44 0.00	67.61 2.88 0.00	71.97 3.10 0.00	74.66 3.43 0.00	90.72 5.02 0.00	84.36 5.55 0.00	87.88 6.75 0.00	71.01 4.98 -11.05	108.77 5.26 -44.61	151.24 6.42 -73.35	172.47 13.20 -13.58	120.44 9.19 0.00	110.69 7.70 0.00	63.39 3.97 0.00	78.02 3.78 0.00	64.31 2.43 0.00	50.79 1.90 0.00
WARRENSBURG____ 23737	57.19 2.78 0.00	53.54 2.58 0.00	52.01 2.69 0.00	50.12 2.54 0.00	48.35 2.32 0.00	53.90 2.41 0.00	56.19 2.49 0.00	58.30 2.78 0.00	67.83 3.10 0.00	71.96 3.09 0.00	73.93 2.69 0.00	89.39 3.69 0.00	82.32 3.52 0.00	84.99 3.85 0.00	57.76 2.78 0.00	62.91 3.15 -0.86	75.20 3.73 0.00	153.53 7.84 0.00	118.69 7.44 0.00	110.17 7.18 0.00	63.27 3.85 0.00	78.72 4.48 0.00	65.06 3.18 0.00	51.17 2.27 0.00
WATERSIDE___6 8 9 23538	56.38 1.98 0.00	53.50 2.53 0.00	52.12 2.79 0.00	50.39 2.81 0.00	48.63 2.59 0.00	53.90 2.41 0.00	56.05 2.35 0.00	58.21 2.69 0.00	67.96 3.23 0.00	72.21 3.34 0.00	74.58 3.34 0.00	90.48 4.77 0.00	84.36 5.56 0.00	88.09 6.95 0.00	79.17 4.97 -19.22	114.43 4.97 -50.56	118.83 5.85 -41.52	168.33 11.79 -10.85	99.07 8.18 20.36	81.79 6.90 28.10	59.49 3.54 3.47	62.71 2.87 14.40	60.24 1.85 3.48	50.64 1.75 0.00
WATKINRD_115KV_LN8_ILLION 55919	55.20 0.80 0.00	51.75 0.78 0.00	50.32 0.99 0.00	48.56 0.98 0.00	46.88 0.84 0.00	52.26 0.77 0.00	54.36 0.66 0.00	56.30 0.77 0.00	65.59 0.86 0.00	69.75 0.88 0.00	72.22 0.98 0.00	87.06 1.36 0.00	79.90 1.10 0.00	82.70 1.56 0.00	56.34 1.36 0.00	60.39 1.48 0.00	73.01 1.53 0.00	149.10 3.42 0.00	114.01 2.76 0.00	106.00 3.01 0.00	61.03 1.61 0.00	76.01 1.76 0.00	62.97 1.08 0.00	49.58 0.68 0.00

WDELAWARE___HYD 323627	55.38 0.98 0.00	52.03 1.06 0.00	50.55 1.23 0.00	48.79 1.21 0.00	47.09 1.05 0.00	52.35 0.87 0.00	54.50 0.81 0.00	56.65 1.13 0.00	66.03 1.31 0.00	70.30 1.43 0.00	72.93 1.69 0.00	88.71 3.01 0.00	82.51 3.70 0.00	85.66 4.52 0.00	67.07 3.08 -9.01	99.00 3.34 -36.76	136.41 4.27 -60.67	166.08 9.17 -11.22	117.50 6.24 0.00	108.20 5.22 0.00	61.96 2.54 0.00	76.27 2.02 0.00	62.85 0.97 0.00	49.55 0.65 0.00
WEST BABYLON___IC 23714	56.88 2.48 0.00	54.30 3.33 0.00	53.50 4.17 0.00	51.73 4.16 0.00	49.72 3.68 0.00	54.69 3.20 0.00	56.35 2.65 0.00	58.46 2.94 0.00	68.69 3.96 0.00	73.71 4.62 -0.22	77.29 5.14 -0.92	115.61 7.55 -22.36	106.63 7.92 -19.89	156.67 9.59 -65.95	254.44 7.03 -192.42	385.86 7.51 -319.44	820.85 9.00 -740.38	1670.97 18.40 -1506.88	304.66 13.47 -179.94	151.87 11.24 -37.64	125.27 6.02 -59.83	103.29 5.47 -23.57	77.57 3.51 -12.18	53.37 2.59 -1.88
WEST CANADA___HYD 24049	54.61 0.21 0.00	51.17 0.21 0.00	49.64 0.31 0.00	47.91 0.34 0.00	46.31 0.28 0.00	51.71 0.23 0.00	53.88 0.18 0.00	55.78 0.25 0.00	65.01 0.28 0.00	69.15 0.28 0.00	71.59 0.35 0.00	86.23 0.52 0.00	79.38 0.57 0.00	81.93 0.80 0.00	55.63 0.64 0.00	59.57 0.66 0.00	72.24 0.77 0.00	147.22 1.53 0.00	112.43 1.18 0.00	104.10 1.11 0.00	59.98 0.56 0.00	74.76 0.51 0.00	62.14 0.25 0.00	49.07 0.17 0.00
WESTERN_NY_WIND 24143	56.19 1.79 0.00	51.84 0.88 0.00	50.24 0.91 0.00	48.19 0.61 0.00	46.72 0.68 0.00	52.27 0.78 0.00	54.14 0.44 0.00	55.35 -0.18 0.00	64.81 0.08 0.00	68.62 -0.25 0.00	71.52 0.28 0.00	86.11 0.40 0.00	79.77 0.97 0.00	81.78 0.64 0.00	55.33 0.35 0.00	59.26 0.36 0.00	71.73 0.26 0.00	147.11 1.42 0.00	113.72 2.46 0.00	105.57 2.58 0.00	61.12 1.69 0.00	75.06 0.81 0.00	61.94 0.06 0.00	49.27 0.38 0.00
WESTOVER___LESR 323668	54.96 0.56 0.00	51.11 0.11 -0.04	49.75 0.38 -0.04	47.87 0.30 0.00	46.31 0.28 0.00	51.71 0.22 0.00	53.89 0.19 0.00	55.61 0.09 0.00	65.06 0.20 -0.13	69.62 0.44 -0.30	72.15 0.64 -0.28	87.49 1.00 -0.79	79.90 0.84 -0.26	82.46 1.32 0.00	56.51 1.01 -0.53	61.53 0.78 -1.86	75.93 1.41 -3.05	149.13 2.88 -0.57	113.33 2.08 0.00	105.56 2.57 0.00	60.65 1.22 0.00	75.54 1.29 0.00	62.40 0.52 0.00	49.30 0.40 0.00
WETHRSFD_WT_PWR 323626	54.72 0.31 0.00	50.44 -0.53 0.00	49.03 -0.30 0.00	47.03 -0.54 0.00	45.58 -0.46 0.00	50.98 -0.51 0.00	52.92 -0.78 0.00	54.08 -1.44 0.00	63.16 -1.57 0.00	66.83 -2.04 0.00	69.60 -1.63 0.00	83.99 -1.72 0.00	77.62 -1.19 0.00	79.69 -1.44 0.00	54.08 -0.90 0.00	57.66 -1.24 0.00	70.43 -1.04 0.00	143.88 -1.81 0.00	110.77 -0.48 0.00	103.53 0.54 0.00	59.83 0.41 0.00	73.78 -0.46 0.00	60.88 -1.00 0.00	48.37 -0.53 0.00
WHAVSTOR_138KV_BK127 55557	56.03 1.62 0.00	52.86 1.90 0.00	51.42 2.09 0.00	49.64 2.06 0.00	47.92 1.89 0.00	53.22 1.74 0.00	55.38 1.69 0.00	57.52 1.99 0.00	67.13 2.40 0.00	71.46 2.59 0.00	74.12 2.88 0.00	89.98 4.28 0.00	83.73 4.92 0.00	87.36 6.22 0.00	64.08 4.63 -4.47	108.27 4.87 -44.49	151.51 5.74 -74.30	170.31 11.54 -13.08	119.35 8.10 0.00	109.81 6.82 0.00	62.87 3.44 0.00	77.26 3.01 0.00	63.73 1.85 0.00	50.40 1.51 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	56.03 1.62 0.00	52.86 1.90 0.00	51.42 2.09 0.00	49.64 2.06 0.00	47.92 1.89 0.00	53.22 1.74 0.00	55.38 1.69 0.00	57.52 1.99 0.00	67.13 2.40 0.00	71.46 2.59 0.00	74.12 2.88 0.00	89.98 4.28 0.00	83.73 4.92 0.00	87.36 6.22 0.00	64.08 4.63 -4.47	108.27 4.87 -44.49	151.51 5.74 -74.30	170.31 11.54 -13.08	119.35 8.10 0.00	109.81 6.82 0.00	62.87 3.44 0.00	77.26 3.01 0.00	63.73 1.85 0.00	50.40 1.51 0.00
WHITEHAL_115KV_TB1 80871	57.70 3.30 0.00	54.03 3.07 0.00	52.45 3.12 0.00	50.43 2.86 0.00	48.61 2.57 0.00	54.23 2.74 0.00	56.72 3.02 0.00	58.82 3.30 0.00	68.06 3.33 0.00	71.87 3.00 0.00	73.61 2.38 0.00	89.56 3.86 0.00	82.56 3.76 0.00	85.48 4.34 0.00	58.04 3.06 0.00	63.18 3.38 -0.90	74.89 3.42 0.00	152.19 6.50 0.00	117.29 6.03 0.00	109.55 6.56 0.00	62.51 3.09 0.00	78.34 4.09 0.00	65.20 3.31 0.00	51.32 2.43 0.00
WHITEPLN_13_KV_LOAD 356215	57.08 2.68 0.00	53.84 2.87 0.00	52.39 3.06 0.00	50.57 2.99 0.00	48.81 2.78 0.00	54.21 2.73 0.00	56.44 2.74 0.00	58.71 3.18 0.00	68.62 3.89 0.00	73.14 4.27 0.00	75.91 4.67 0.00	92.27 6.57 0.00	85.90 7.10 0.00	89.70 8.56 0.00	80.95 6.25 -19.72	115.98 6.55 -50.52	160.93 7.84 -81.62	177.41 15.86 -15.86	122.55 11.30 0.00	112.73 9.75 0.00	64.46 5.04 0.00	79.04 4.80 0.00	65.11 3.23 0.00	51.42 2.52 0.00
WM_FLOYD_69_KV_BK2 356380	56.55 2.15 0.00	54.10 3.13 0.00	53.42 4.09 0.00	51.74 4.16 0.00	49.73 3.70 0.00	54.71 3.22 0.00	56.24 2.54 0.00	58.23 2.71 0.00	68.51 3.78 0.00	73.99 4.42 -0.70	83.94 4.80 -7.91	267.92 7.12 -175.10	239.14 7.36 -152.97	286.29 8.95 -196.20	299.93 6.54 -238.41	384.94 6.93 -319.12	830.96 8.08 -751.40	1662.78 16.40 -1500.70	329.12 12.03 -205.83	280.65 10.47 -167.19	305.42 5.67 -240.32	286.54 5.07 -207.23	167.55 3.34 -102.33	67.22 2.51 -15.81
WOODARD__115KV_TB2 355635	54.14 -0.27 0.00	50.55 -0.48 -0.07	49.01 -0.40 -0.08	47.19 -0.39 0.00	45.66 -0.37 0.00	51.01 -0.48 0.00	53.19 -0.51 0.00	55.00 -0.53 0.00	64.38 -0.60 -0.25	68.78 -0.64 -0.54	71.11 -0.62 -0.50	86.56 -0.57 -1.43	78.85 -0.42 -0.47	81.03 -0.10 0.00	54.96 -0.02 0.00	58.80 -0.11 0.00	71.49 0.02 0.00	145.81 0.12 0.00	111.50 0.24 0.00	103.34 0.35 0.00	59.53 0.11 0.00	74.17 -0.08 0.00	61.50 -0.39 0.00	48.56 -0.34 0.00
WOODMERE_69_KV_BK1 55827	57.12 2.72 0.00	54.26 3.29 0.00	53.13 3.81 0.00	51.31 3.73 0.00	49.38 3.35 0.00	54.54 3.05 0.00	56.42 2.73 0.00	58.64 3.11 0.00	68.72 3.99 0.00	73.49 4.62 0.00	76.30 5.06 0.00	107.51 7.31 -14.50	102.88 7.45 -16.63	141.17 8.84 -51.20	254.19 6.50 -192.71	391.62 6.91 -325.81	842.44 8.27 -762.70	1786.36 16.68 -1623.99	304.64 12.08 -181.32	137.42 10.08 -24.34	100.20 5.32 -35.45	79.16 4.91 0.00	65.04 3.16 0.00	51.36 2.46 0.00
YORK___WARBASSE 23770	56.67 2.27 0.00	53.74 2.78 0.00	52.29 2.96 0.00	50.59 3.01 0.00	48.82 2.79 0.00	54.10 2.62 0.00	56.14 2.44 0.00	58.25 2.72 0.00	68.22 3.49 0.00	72.55 3.68 0.00	75.01 3.77 0.00	90.94 5.24 0.00	84.81 6.01 0.00	88.56 7.42 0.00	79.54 5.34 -19.22	114.79 5.33 -50.56	129.36 6.28 -51.61	170.03 12.73 -11.61	106.37 8.89 13.77	99.49 7.63 11.13	61.02 3.90 2.30	69.67 3.37 7.95	64.04 2.28 0.12	51.00 2.09 -0.01