

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/02/2025

Name	00:00	01:00	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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	66.42	56.80	38.14	47.69	46.73	49.72	55.70	62.77	58.38	44.56	59.45	45.93	38.67	35.56	35.27	32.91	47.04	81.90	80.26	109.86	56.75	49.92	50.23	41.32	34.87
24138	2.62	2.06	1.50	2.02	2.01	2.05	2.21	2.34	2.27	2.05	2.46	2.53	2.32	2.18	2.03	1.93	2.48	3.25	3.37	4.99	2.61	2.58	2.86	2.47	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	66.53	56.95	38.22	47.74	46.76	49.78	55.79	62.92	58.51	44.64	59.55	45.99	38.71	35.59	35.30	32.93	47.08	82.01	80.43	110.14	56.88	50.01	50.31	41.35	34.90
24260	2.73	2.21	1.58	2.07	2.05	2.11	2.31	2.49	2.41	2.13	2.57	2.59	2.35	2.21	2.06	1.95	2.53	3.35	3.54	5.27	2.74	2.68	2.94	2.51	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	66.53	56.95	38.22	47.74	46.76	49.78	55.79	62.92	58.51	44.64	59.55	45.99	38.71	35.59	35.30	32.93	47.08	82.01	80.43	110.14	56.88	50.01	50.31	41.35	34.90
24261	2.73	2.21	1.58	2.07	2.05	2.11	2.31	2.49	2.41	2.13	2.57	2.59	2.35	2.21	2.06	1.95	2.53	3.35	3.54	5.27	2.74	2.68	2.94	2.51	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	65.59	56.18	37.68	46.73	45.70	49.04	55.54	62.75	58.13	43.49	58.26	44.69	37.01	34.06	33.84	31.81	45.82	81.30	79.66	109.36	56.55	49.71	49.35	40.31	34.25
24011	1.78	1.44	1.04	1.06	0.98	1.37	2.06	2.32	2.03	0.98	1.28	1.29	0.66	0.67	0.61	0.83	1.27	2.65	2.77	4.49	2.41	2.37	1.97	1.47	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	65.98	56.51	37.94	46.91	45.86	49.34	55.98	63.17	58.49	43.60	58.35	44.91	37.11	34.20	33.95	31.91	45.86	81.65	80.03	110.11	56.99	50.09	49.60	40.46	34.47
23798	2.18	1.77	1.30	1.24	1.14	1.67	2.50	2.74	2.39	1.09	1.37	1.51	0.76	0.82	0.71	0.93	1.30	3.00	3.14	5.24	2.85	2.76	2.22	1.62	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	65.59	56.18	37.68	46.73	45.70	49.04	55.54	62.75	58.13	43.49	58.26	44.69	37.01	34.06	33.84	31.81	45.82	81.30	79.66	109.36	56.55	49.71	49.35	40.31	34.25
24028	1.78	1.44	1.04	1.06	0.98	1.37	2.06	2.32	2.03	0.98	1.28	1.29	0.66	0.67	0.61	0.83	1.27	2.65	2.77	4.49	2.41	2.37	1.97	1.47	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	63.89	54.89	36.83	45.52	44.40	47.59	54.12	61.60	57.16	43.03	57.25	43.78	36.36	33.57	33.67	31.96	45.64	79.67	77.71	106.89	55.37	48.85	48.62	39.79	33.88
23527	0.08	0.15	0.19	-0.16	-0.32	-0.08	0.64	1.17	1.05	0.52	0.27	0.38	0.00	0.19	0.43	0.98	1.09	1.02	0.82	2.02	1.22	1.52	1.25	0.94	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	64.11	54.98	36.82	45.81	44.80	47.85	53.95	61.09	56.73	42.91	57.24	43.78	36.65	33.75	33.68	31.59	45.26	79.32	77.53	106.15	54.88	48.24	48.24	39.55	33.47
24190	0.30	0.24	0.18	0.14	0.09	0.18	0.47	0.66	0.62	0.39	0.25	0.38	0.29	0.37	0.44	0.62	0.70	0.67	0.64	1.28	0.74	0.91	0.86	0.71	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	65.42	56.09	37.57	46.83	45.87	48.87	54.68	61.73	57.49	43.62	58.67	44.52	37.28	34.11	33.97	31.53	45.36	80.48	78.86	106.94	55.19	48.07	48.10	39.42	33.16
355683	1.62	1.35	0.93	1.16	1.15	1.20	1.20	1.30	1.39	1.11	1.69	1.11	0.92	0.72	0.74	0.55	0.80	1.83	1.97	2.06	1.05	0.74	0.73	0.58	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	65.09	55.83	37.38	46.52	45.49	48.57	54.74	61.99	57.44	43.23	57.64	44.15	36.95	33.88	33.77	31.66	45.66	80.47	78.70	107.61	55.65	48.85	48.85	40.03	33.84
323833	1.28	1.09	0.74	0.85	0.77	0.90	1.26	1.56	1.33	0.72	0.66	0.75	0.59	0.49	0.53	0.68	1.10	1.82	1.81	2.74	1.51	1.52	1.48	1.19	1.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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_SOLAR	65.07	55.81	37.37	46.51	45.48	48.56	54.73	61.98	57.41	43.22	57.62	44.14	36.95	33.88	33.77	31.65	45.65	80.44	78.67	107.58	55.64	48.84	48.83	40.02	33.82
323834	1.27	1.07	0.73	0.84	0.77	0.89	1.25	1.54	1.30	0.71	0.64	0.73	0.59	0.49	0.53	0.67	1.10	1.79	1.78	2.71	1.50	1.51	1.45	1.18	1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	64.11	54.98	36.82	45.81	44.80	47.85	53.95	61.09	56.73	42.91	57.24	43.78	36.65	33.75	33.68	31.59	45.26	79.32	77.53	106.15	54.88	48.24	48.24	39.55	33.47
23571	0.30	0.24	0.18	0.14	0.09	0.18	0.47	0.66	0.62	0.39	0.25	0.38	0.29	0.37	0.44	0.62	0.70	0.67	0.64	1.28	0.74	0.91	0.86	0.71	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	64.11	54.98	36.82	45.81	44.80	47.85	53.95	61.09	56.73	42.91	57.24	43.78	36.65	33.75	33.68	31.59	45.26	79.32	77.53	106.15	54.88	48.24	48.24	39.55	33.47

23572	0.30 0.00	0.24 0.00	0.18 0.00	0.14 0.00	0.09 0.00	0.18 0.00	0.47 0.00	0.66 0.00	0.62 0.00	0.39 0.00	0.25 0.00	0.38 0.00	0.29 0.00	0.37 0.00	0.44 0.00	0.62 0.00	0.70 0.00	0.67 0.00	0.64 0.00	1.28 0.00	0.74 0.00	0.91 0.00	0.86 0.00	0.71 0.00	0.75 0.00
ALBANY___3 23573	64.11 0.30 0.00	54.98 0.24 0.00	36.82 0.18 0.00	45.81 0.14 0.00	44.80 0.09 0.00	47.85 0.18 0.00	53.95 0.47 0.00	61.09 0.66 0.00	56.73 0.62 0.00	42.91 0.39 0.00	57.24 0.25 0.00	43.78 0.38 0.00	36.65 0.29 0.00	33.75 0.37 0.00	33.68 0.44 0.00	31.59 0.62 0.00	45.26 0.70 0.00	79.32 0.67 0.00	77.53 0.64 0.00	106.15 1.28 0.00	54.88 0.74 0.00	48.24 0.91 0.00	48.24 0.86 0.00	39.55 0.71 0.00	33.47 0.75 0.00
ALBANY___4 23574	64.11 0.30 0.00	54.98 0.24 0.00	36.82 0.18 0.00	45.81 0.14 0.00	44.80 0.09 0.00	47.85 0.18 0.00	53.95 0.47 0.00	61.09 0.66 0.00	56.73 0.62 0.00	42.91 0.39 0.00	57.24 0.25 0.00	43.78 0.38 0.00	36.65 0.29 0.00	33.75 0.37 0.00	33.68 0.44 0.00	31.59 0.62 0.00	45.26 0.70 0.00	79.32 0.67 0.00	77.53 0.64 0.00	106.15 1.28 0.00	54.88 0.74 0.00	48.24 0.91 0.00	48.24 0.86 0.00	39.55 0.71 0.00	33.47 0.75 0.00
ALBANY___LFGE 323615	64.56 0.75 0.00	55.37 0.63 0.00	37.07 0.43 0.00	46.11 0.44 0.00	45.08 0.36 0.00	48.16 0.49 0.00	54.34 0.86 0.00	61.55 1.12 0.00	57.14 1.04 0.00	43.20 0.69 0.00	57.66 0.68 0.00	44.12 0.71 0.00	36.90 0.54 0.00	33.97 0.58 0.00	33.91 0.67 0.00	31.83 0.86 0.00	45.65 1.10 0.00	80.01 1.36 0.00	78.22 1.33 0.00	107.08 2.21 0.00	55.36 1.22 0.00	48.65 1.31 0.00	48.64 1.26 0.00	39.85 1.01 0.00	33.72 1.00 0.00
ALCOA_PA_115KV_PL-6C 55860	66.03 2.23 0.00	56.60 1.86 0.00	37.91 1.27 0.00	47.27 1.60 0.00	46.29 1.57 0.00	49.32 1.64 0.00	55.16 1.68 0.00	62.27 1.84 0.00	58.00 1.89 0.00	43.99 1.48 0.00	59.17 2.19 0.00	44.85 1.45 0.00	37.55 1.19 0.00	34.34 0.96 0.00	34.18 0.94 0.00	31.72 0.75 0.00	45.66 1.11 0.00	81.18 2.53 0.00	79.66 2.77 0.00	108.26 3.38 0.00	55.73 1.59 0.00	48.10 0.76 0.00	48.46 1.09 0.00	39.74 0.90 0.00	33.42 0.71 0.00
ALCOA_RYNLDS___DRP 24188	66.03 2.23 0.00	56.60 1.86 0.00	37.91 1.27 0.00	47.27 1.60 0.00	46.29 1.57 0.00	49.32 1.64 0.00	55.16 1.68 0.00	62.27 1.84 0.00	58.00 1.89 0.00	43.99 1.48 0.00	59.17 2.19 0.00	44.85 1.45 0.00	37.55 1.19 0.00	34.34 0.96 0.00	34.18 0.94 0.00	31.72 0.75 0.00	45.66 1.11 0.00	81.18 2.53 0.00	79.66 2.77 0.00	108.26 3.38 0.00	55.73 1.59 0.00	48.10 0.76 0.00	48.46 1.09 0.00	39.74 0.90 0.00	33.42 0.71 0.00
ALCOA___DSASP 323711	66.03 2.23 0.00	56.60 1.86 0.00	37.91 1.27 0.00	47.27 1.60 0.00	46.29 1.57 0.00	49.32 1.64 0.00	55.16 1.68 0.00	62.27 1.84 0.00	58.00 1.89 0.00	43.99 1.48 0.00	59.17 2.19 0.00	44.85 1.45 0.00	37.55 1.19 0.00	34.34 0.96 0.00	34.18 0.94 0.00	31.72 0.75 0.00	45.66 1.11 0.00	81.18 2.53 0.00	79.66 2.77 0.00	108.26 3.38 0.00	55.73 1.59 0.00	48.10 0.76 0.00	48.46 1.09 0.00	39.74 0.90 0.00	33.42 0.71 0.00
ALLEGHENY___COGEN 23514	65.87 2.07 0.00	56.76 2.02 0.00	37.65 1.01 0.00	47.07 1.39 0.00	46.24 1.52 0.00	49.08 1.41 0.00	55.03 1.55 0.00	61.87 1.44 0.00	57.07 0.97 0.00	43.00 0.48 0.00	57.66 0.68 0.00	43.31 -0.09 0.00	36.30 -0.06 0.00	32.90 -0.49 0.00	32.80 -0.44 0.00	30.14 -0.84 0.00	43.73 -0.82 0.00	79.10 0.44 0.00	77.63 0.74 0.00	105.72 0.85 0.00	54.39 0.25 0.00	47.10 -0.23 0.00	46.82 -0.56 0.00	38.50 -0.34 0.00	32.08 -0.64 0.00
ALTAMONT_115KV_TB 2 55880	64.38 0.58 0.00	55.20 0.46 0.00	36.97 0.33 0.00	46.05 0.37 0.00	45.04 0.32 0.00	48.07 0.40 0.00	54.11 0.63 0.00	61.22 0.79 0.00	56.85 0.74 0.00	43.01 0.50 0.00	57.41 0.43 0.00	43.93 0.53 0.00	36.79 0.43 0.00	33.87 0.48 0.00	33.75 0.51 0.00	31.57 0.59 0.00	45.27 0.72 0.00	79.45 0.80 0.00	77.67 0.78 0.00	106.28 1.42 0.00	54.97 0.83 0.00	48.27 0.93 0.00	48.32 0.94 0.00	39.61 0.77 0.00	33.47 0.76 0.00
ALTONA_WT_PWR 323606	65.68 1.88 0.00	56.27 1.54 0.00	37.87 1.23 0.00	47.12 1.45 0.00	46.10 1.38 0.00	49.21 1.55 0.00	55.23 1.75 0.00	62.29 1.86 0.00	58.00 1.89 0.00	43.98 1.46 0.00	59.22 2.24 0.00	44.85 1.45 0.00	37.51 1.15 0.00	34.33 0.95 0.00	34.11 0.88 0.00	31.66 0.69 0.00	45.32 0.76 0.00	80.55 1.89 0.00	78.87 1.98 0.00	107.47 2.60 0.00	55.21 1.07 0.00	47.95 0.62 0.00	47.79 0.42 0.00	39.25 0.41 0.00	33.07 0.34 0.00
AMERICAN_REF_FUEL 24010	61.30 -2.50 0.00	53.16 -1.57 0.00	35.19 -1.45 0.00	44.17 -1.50 0.00	43.34 -1.38 0.00	46.01 -1.66 0.00	51.25 -2.23 0.00	57.08 -3.36 0.00	52.40 -3.71 0.00	39.90 -2.61 0.00	54.98 -2.01 0.00	41.40 -2.00 0.00	34.82 -1.53 0.00	31.49 -1.90 0.00	31.52 -1.71 0.00	28.78 -2.19 0.00	41.52 -3.04 0.00	73.58 -5.07 0.00	70.41 -6.48 0.00	95.13 -9.74 0.00	49.06 -5.08 0.00	42.69 -4.64 0.00	42.93 -4.44 0.00	35.81 -3.03 0.00	29.97 -2.75 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	63.97 0.17 0.00	55.33 0.59 0.00	36.69 0.05 0.00	45.92 0.24 0.00	45.10 0.38 0.00	47.75 0.08 0.00	53.40 -0.08 0.00	59.96 -0.47 0.00	54.92 -1.19 0.00	41.98 -0.53 0.00	57.32 0.34 0.00	43.19 -0.21 0.00	36.16 -0.19 0.00	32.80 -0.59 0.00	32.69 -0.55 0.00	30.00 -0.97 0.00	43.31 -1.24 0.00	77.08 -1.57 0.00	74.18 -2.71 0.00	100.39 -4.48 0.00	51.33 -2.81 0.00	43.86 -3.47 0.00	43.62 -3.76 0.00	36.19 -2.65 0.00	30.19 -2.53 0.00
ARTHUR KILL_GT_1 23520	66.55 2.76 0.01	57.05 2.32 0.01	38.43 1.80 0.01	48.07 2.40 0.01	47.04 2.33 0.01	50.12 2.46 0.01	55.99 2.51 0.00	63.01 2.58 0.00	58.64 2.54 0.00	44.91 2.40 0.00	59.62 2.64 0.00	46.21 2.81 0.00	38.83 2.47 0.00	35.69 2.31 0.00	35.40 2.17 0.00	33.00 2.03 0.00	47.16 2.61 0.00	81.85 3.20 0.00	80.47 3.58 0.00	110.15 5.28 0.00	57.05 2.91 0.00	50.29 2.95 0.00	50.64 3.26 0.00	41.66 2.82 0.00	35.16 2.43 0.00
ARTHUR_KILL_2 23512	66.39 2.59 0.01	56.91 2.17 0.01	38.33 1.70 0.01	47.95 2.28 0.01	46.91 2.21 0.01	49.98 2.32 0.01	55.85 2.37 0.00	62.83 2.40 0.00	58.49 2.39 0.00	44.81 2.30 0.00	59.49 2.51 0.00	46.12 2.72 0.00	38.77 2.42 0.00	35.63 2.24 0.00	35.33 2.10 0.00	32.93 1.95 0.00	47.05 2.50 0.00	81.63 2.98 0.00	80.23 3.34 0.00	109.84 4.97 0.00	56.87 2.73 0.00	50.13 2.79 0.00	50.51 3.13 0.00	41.56 2.72 0.00	35.08 2.36 0.00
ARTHUR_KILL_3 23513	65.89 2.09 0.00	56.37 1.63 0.00	37.84 1.20 0.00	47.29 1.61 0.00	46.32 1.60 0.00	49.28 1.61 0.00	55.23 1.75 0.00	62.30 1.87 0.00	57.92 1.82 0.00	44.18 1.67 0.00	58.90 1.92 0.00	45.50 2.10 0.00	38.31 1.95 0.00	35.22 1.83 0.00	34.92 1.68 0.00	32.57 1.60 0.00	46.57 2.02 0.00	81.13 2.48 0.00	79.57 2.68 0.00	108.97 4.10 0.00	56.27 2.13 0.00	49.49 2.16 0.00	49.80 2.43 0.00	40.96 2.12 0.00	34.56 1.84 0.00
ARTHUR_KILL_COGEN	66.55	57.04	38.43	48.07	47.03	50.12	56.00	63.00	58.64	44.92	59.63	46.21	38.84	35.69	35.40	33.00	47.16	81.85	80.46	110.15	57.03	50.27	50.64	41.66	35.16

323718	2.75 0.01	2.31 0.01	1.80 0.01	2.40 0.01	2.32 0.01	2.45 0.01	2.52 0.00	2.57 0.00	2.54 0.00	2.40 0.00	2.65 0.00	2.81 0.00	2.49 0.00	2.31 0.00	2.17 0.00	2.02 0.00	2.61 0.00	3.20 0.00	3.57 0.00	5.27 0.00	2.89 0.00	2.94 0.00	3.27 0.00	2.82 0.00	2.43 0.00
ASHOKAN____ 23654	65.71 1.91 0.00	56.24 1.50 0.00	37.65 1.01 0.00	46.88 1.21 0.00	45.89 1.17 0.00	48.99 1.31 0.00	55.20 1.72 0.00	62.60 2.17 0.00	58.22 2.11 0.00	43.90 1.39 0.00	58.30 1.32 0.00	44.57 1.17 0.00	37.23 0.88 0.00	34.15 0.76 0.00	34.00 0.76 0.00	31.91 0.93 0.00	46.03 1.47 0.00	81.45 2.80 0.00	80.04 3.15 0.00	109.64 4.77 0.00	56.59 2.45 0.00	49.60 2.26 0.00	49.54 2.16 0.00	40.51 1.67 0.00	34.14 1.42 0.00
ASTORIA_EAST_ENERGY_CC1 323581	65.56 1.76 0.01	56.02 1.29 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.03 0.01	48.72 1.06 0.01	55.06 1.58 0.00	62.42 1.98 0.00	58.10 2.00 0.00	44.38 1.87 0.00	59.11 2.13 0.00	45.72 2.32 0.00	38.52 2.16 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.72 1.74 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.46 0.00	56.43 2.28 0.00	49.62 2.29 0.00	49.99 2.61 0.00	41.09 2.25 0.00	34.67 1.95 0.00
ASTORIA_EAST_ENERGY_CC2 323582	65.50 1.71 0.01	56.00 1.27 0.01	37.44 0.81 0.01	46.70 1.03 0.01	45.72 1.00 0.01	48.70 1.03 0.01	55.03 1.56 0.00	62.37 1.93 0.00	58.07 1.96 0.00	44.37 1.86 0.00	59.08 2.10 0.00	45.70 2.30 0.00	38.50 2.15 0.00	35.40 2.02 0.00	35.08 1.84 0.00	32.71 1.73 0.00	46.66 2.11 0.00	81.15 2.51 0.00	79.77 2.88 0.00	109.28 4.41 0.00	56.39 2.25 0.00	49.60 2.27 0.00	49.96 2.58 0.00	41.06 2.22 0.00	34.66 1.94 0.00
ASTORIA_GT2_1 24094	65.56 1.76 0.01	56.03 1.30 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.04 0.01	48.72 1.06 0.01	55.08 1.60 0.00	62.42 1.99 0.00	58.10 2.00 0.00	44.39 1.87 0.00	59.11 2.13 0.00	45.73 2.32 0.00	38.49 2.14 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.73 1.75 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.47 0.00	56.43 2.29 0.00	49.63 2.29 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
ASTORIA_GT2_2 24095	65.56 1.76 0.01	56.03 1.30 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.04 0.01	48.72 1.06 0.01	55.08 1.60 0.00	62.42 1.99 0.00	58.10 2.00 0.00	44.39 1.87 0.00	59.11 2.13 0.00	45.73 2.32 0.00	38.49 2.14 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.73 1.75 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.47 0.00	56.43 2.29 0.00	49.63 2.29 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
ASTORIA_GT2_3 24096	65.56 1.76 0.01	56.03 1.30 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.04 0.01	48.72 1.06 0.01	55.08 1.60 0.00	62.42 1.99 0.00	58.10 2.00 0.00	44.39 1.87 0.00	59.11 2.13 0.00	45.73 2.32 0.00	38.49 2.14 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.73 1.75 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.47 0.00	56.43 2.29 0.00	49.63 2.29 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
ASTORIA_GT2_4 24097	65.56 1.76 0.01	56.03 1.30 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.04 0.01	48.72 1.06 0.01	55.08 1.60 0.00	62.42 1.99 0.00	58.10 2.00 0.00	44.39 1.87 0.00	59.11 2.13 0.00	45.73 2.32 0.00	38.49 2.14 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.73 1.75 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.47 0.00	56.43 2.29 0.00	49.63 2.29 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
ASTORIA_GT3_1 24098	65.56 1.76 0.01	56.03 1.30 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.04 0.01	48.72 1.06 0.01	55.08 1.60 0.00	62.42 1.99 0.00	58.10 2.00 0.00	44.39 1.87 0.00	59.11 2.13 0.00	45.73 2.32 0.00	38.49 2.14 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.73 1.75 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.47 0.00	56.43 2.29 0.00	49.63 2.29 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
ASTORIA_GT3_2 24099	65.56 1.76 0.01	56.03 1.30 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.04 0.01	48.72 1.06 0.01	55.08 1.60 0.00	62.42 1.99 0.00	58.10 2.00 0.00	44.39 1.87 0.00	59.11 2.13 0.00	45.73 2.32 0.00	38.49 2.14 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.73 1.75 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.47 0.00	56.43 2.29 0.00	49.63 2.29 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
ASTORIA_GT3_3 24100	65.56 1.76 0.01	56.03 1.30 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.04 0.01	48.72 1.06 0.01	55.08 1.60 0.00	62.42 1.99 0.00	58.10 2.00 0.00	44.39 1.87 0.00	59.11 2.13 0.00	45.73 2.32 0.00	38.49 2.14 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.73 1.75 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.47 0.00	56.43 2.29 0.00	49.63 2.29 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
ASTORIA_GT3_4 24101	65.56 1.76 0.01	56.03 1.30 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.04 0.01	48.72 1.06 0.01	55.08 1.60 0.00	62.42 1.99 0.00	58.10 2.00 0.00	44.39 1.87 0.00	59.11 2.13 0.00	45.73 2.32 0.00	38.49 2.14 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.73 1.75 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.47 0.00	56.43 2.29 0.00	49.63 2.29 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
ASTORIA_GT4_1 24102	65.56 1.76 0.01	56.03 1.30 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.04 0.01	48.72 1.06 0.01	55.08 1.60 0.00	62.42 1.99 0.00	58.10 2.00 0.00	44.39 1.87 0.00	59.11 2.13 0.00	45.73 2.32 0.00	38.49 2.14 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.73 1.75 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.47 0.00	56.43 2.29 0.00	49.63 2.29 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
ASTORIA_GT4_2 24103	65.56 1.76 0.01	56.03 1.30 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.04 0.01	48.72 1.06 0.01	55.08 1.60 0.00	62.42 1.99 0.00	58.10 2.00 0.00	44.39 1.87 0.00	59.11 2.13 0.00	45.73 2.32 0.00	38.49 2.14 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.73 1.75 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.47 0.00	56.43 2.29 0.00	49.63 2.29 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
ASTORIA_GT4_3 24104	65.56 1.76 0.01	56.03 1.30 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.04 0.01	48.72 1.06 0.01	55.08 1.60 0.00	62.42 1.99 0.00	58.10 2.00 0.00	44.39 1.87 0.00	59.11 2.13 0.00	45.73 2.32 0.00	38.49 2.14 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.73 1.75 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.47 0.00	56.43 2.29 0.00	49.63 2.29 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
ASTORIA_GT4_4	65.56	56.03	37.46	46.72	45.75	48.72	55.08	62.42	58.10	44.39	59.11	45.73	38.49	35.42	35.09	32.73	46.69	81.19	79.81	109.34	56.43	49.63	49.99	41.08	34.67

24105	1.76 0.01	1.30 0.01	0.82 0.01	1.06 0.01	1.04 0.01	1.06 0.01	1.60 0.00	1.99 0.00	2.00 0.00	1.87 0.00	2.13 0.00	2.32 0.00	2.14 0.00	2.03 0.00	1.85 0.00	1.75 0.00	2.14 0.00	2.54 0.00	2.92 0.00	4.47 0.00	2.29 0.00	2.29 0.00	2.61 0.00	2.24 0.00	1.95 0.00
ASTORIA_GT_1 23523	65.66 1.87 0.01	56.13 1.40 0.01	37.52 0.89 0.01	46.79 1.12 0.01	45.81 1.10 0.01	48.80 1.14 0.01	55.16 1.68 0.00	62.53 2.09 0.00	58.21 2.10 0.00	44.47 1.95 0.00	59.22 2.24 0.00	45.81 2.41 0.00	38.56 2.20 0.00	35.48 2.09 0.00	35.15 1.91 0.00	32.79 1.81 0.00	46.77 2.22 0.00	81.34 2.70 0.00	79.96 3.07 0.00	109.54 4.67 0.00	56.54 2.39 0.00	49.72 2.39 0.00	50.08 2.70 0.00	41.16 2.32 0.00	34.72 2.00 0.00
ASTORIA_GT_10 24110	65.75 1.95 0.01	56.25 1.52 0.01	37.75 1.11 0.01	47.16 1.49 0.01	46.20 1.49 0.01	49.17 1.51 0.01	55.21 1.73 0.00	62.29 1.86 0.00	57.99 1.88 0.00	44.30 1.79 0.00	58.97 1.99 0.00	45.64 2.23 0.00	38.40 2.05 0.00	35.34 1.95 0.00	35.03 1.80 0.00	32.70 1.73 0.00	46.66 2.10 0.00	81.08 2.43 0.00	79.55 2.66 0.00	108.92 4.05 0.00	56.30 2.16 0.00	49.60 2.27 0.00	49.95 2.58 0.00	41.08 2.24 0.00	34.69 1.97 0.00
ASTORIA_GT_11 24225	65.75 1.95 0.01	56.25 1.52 0.01	37.75 1.11 0.01	47.16 1.49 0.01	46.20 1.49 0.01	49.17 1.51 0.01	55.21 1.73 0.00	62.29 1.86 0.00	57.99 1.88 0.00	44.30 1.79 0.00	58.97 1.99 0.00	45.64 2.23 0.00	38.40 2.05 0.00	35.34 1.95 0.00	35.03 1.80 0.00	32.70 1.73 0.00	46.66 2.10 0.00	81.08 2.43 0.00	79.55 2.66 0.00	108.92 4.05 0.00	56.30 2.16 0.00	49.60 2.27 0.00	49.95 2.58 0.00	41.08 2.24 0.00	34.69 1.97 0.00
ASTORIA_GT_12 24226	65.75 1.95 0.01	56.25 1.52 0.01	37.75 1.11 0.01	47.16 1.49 0.01	46.20 1.49 0.01	49.17 1.51 0.01	55.21 1.73 0.00	62.29 1.86 0.00	57.99 1.88 0.00	44.30 1.79 0.00	58.97 1.99 0.00	45.64 2.23 0.00	38.40 2.05 0.00	35.34 1.95 0.00	35.03 1.80 0.00	32.70 1.73 0.00	46.66 2.10 0.00	81.08 2.43 0.00	79.55 2.66 0.00	108.92 4.05 0.00	56.30 2.16 0.00	49.60 2.27 0.00	49.95 2.58 0.00	41.08 2.24 0.00	34.69 1.97 0.00
ASTORIA_GT_13 24227	65.75 1.95 0.01	56.25 1.52 0.01	37.75 1.11 0.01	47.16 1.49 0.01	46.20 1.49 0.01	49.17 1.51 0.01	55.21 1.73 0.00	62.29 1.86 0.00	57.99 1.88 0.00	44.30 1.79 0.00	58.97 1.99 0.00	45.64 2.23 0.00	38.40 2.05 0.00	35.34 1.95 0.00	35.03 1.80 0.00	32.70 1.73 0.00	46.66 2.10 0.00	81.08 2.43 0.00	79.55 2.66 0.00	108.92 4.05 0.00	56.30 2.16 0.00	49.60 2.27 0.00	49.95 2.58 0.00	41.08 2.24 0.00	34.69 1.97 0.00
ASTORIA_GT_5 24106	65.66 1.87 0.01	56.13 1.40 0.01	37.52 0.89 0.01	46.79 1.12 0.01	45.81 1.10 0.01	48.80 1.14 0.01	55.16 1.68 0.00	62.53 2.09 0.00	58.21 2.10 0.00	44.47 1.95 0.00	59.22 2.24 0.00	45.81 2.41 0.00	38.56 2.20 0.00	35.48 2.09 0.00	35.15 1.91 0.00	32.79 1.81 0.00	46.77 2.22 0.00	81.34 2.70 0.00	79.96 3.07 0.00	109.54 4.67 0.00	56.54 2.39 0.00	49.72 2.39 0.00	50.08 2.70 0.00	41.16 2.32 0.00	34.72 2.00 0.00
ASTORIA_GT_7 24107	65.66 1.87 0.01	56.13 1.40 0.01	37.52 0.89 0.01	46.79 1.12 0.01	45.81 1.10 0.01	48.80 1.14 0.01	55.16 1.68 0.00	62.53 2.09 0.00	58.21 2.10 0.00	44.47 1.95 0.00	59.22 2.24 0.00	45.81 2.41 0.00	38.56 2.20 0.00	35.48 2.09 0.00	35.15 1.91 0.00	32.79 1.81 0.00	46.77 2.22 0.00	81.34 2.70 0.00	79.96 3.07 0.00	109.54 4.67 0.00	56.54 2.39 0.00	49.72 2.39 0.00	50.08 2.70 0.00	41.16 2.32 0.00	34.72 2.00 0.00
ASTORIA_GT_8 24108	65.66 1.87 0.01	56.13 1.40 0.01	37.52 0.89 0.01	46.79 1.12 0.01	45.81 1.10 0.01	48.80 1.14 0.01	55.16 1.68 0.00	62.53 2.09 0.00	58.21 2.10 0.00	44.47 1.95 0.00	59.22 2.24 0.00	45.81 2.41 0.00	38.56 2.20 0.00	35.48 2.09 0.00	35.15 1.91 0.00	32.79 1.81 0.00	46.77 2.22 0.00	81.34 2.70 0.00	79.96 3.07 0.00	109.54 4.67 0.00	56.54 2.39 0.00	49.72 2.39 0.00	50.08 2.70 0.00	41.16 2.32 0.00	34.72 2.00 0.00
ASTORIA___2 24149	65.56 1.76 0.01	56.02 1.29 0.01	37.46 0.82 0.01	46.72 1.06 0.01	45.75 1.03 0.01	48.72 1.06 0.01	55.06 1.58 0.00	62.42 1.98 0.00	58.10 2.00 0.00	44.38 1.87 0.00	59.11 2.13 0.00	45.72 2.32 0.00	38.52 2.16 0.00	35.42 2.03 0.00	35.09 1.85 0.00	32.72 1.74 0.00	46.69 2.14 0.00	81.19 2.54 0.00	79.81 2.92 0.00	109.34 4.46 0.00	56.43 2.28 0.00	49.62 2.29 0.00	49.99 2.61 0.00	41.09 2.25 0.00	34.67 1.95 0.00
ASTORIA___3 23516	65.75 1.95 0.01	56.25 1.52 0.01	37.75 1.12 0.01	47.16 1.49 0.01	46.20 1.49 0.01	49.17 1.51 0.01	55.20 1.73 0.00	62.28 1.85 0.00	57.99 1.88 0.00	44.30 1.79 0.00	58.97 1.99 0.00	45.64 2.24 0.00	38.42 2.06 0.00	35.34 1.95 0.00	35.03 1.79 0.00	32.70 1.72 0.00	46.66 2.10 0.00	81.08 2.43 0.00	79.55 2.66 0.00	108.92 4.05 0.00	56.30 2.16 0.00	49.60 2.27 0.00	49.95 2.58 0.00	41.08 2.24 0.00	34.69 1.97 0.00
ASTORIA___4 23517	65.75 1.95 0.01	56.25 1.52 0.01	37.75 1.11 0.01	47.16 1.49 0.01	46.20 1.49 0.01	49.17 1.51 0.01	55.21 1.73 0.00	62.29 1.86 0.00	57.99 1.88 0.00	44.30 1.79 0.00	58.97 1.99 0.00	45.64 2.23 0.00	38.40 2.05 0.00	35.34 1.95 0.00	35.03 1.80 0.00	32.70 1.73 0.00	46.66 2.10 0.00	81.08 2.43 0.00	79.55 2.66 0.00	108.92 4.05 0.00	56.30 2.16 0.00	49.60 2.27 0.00	49.95 2.58 0.00	41.08 2.24 0.00	34.69 1.97 0.00
ASTORIA___5 23518	65.75 1.95 0.01	56.25 1.52 0.01	37.75 1.12 0.01	47.16 1.49 0.01	46.20 1.49 0.01	49.17 1.51 0.01	55.20 1.73 0.00	62.28 1.85 0.00	57.99 1.88 0.00	44.30 1.79 0.00	58.97 1.98 0.00	45.64 2.23 0.00	38.42 2.06 0.00	35.34 1.95 0.00	35.03 1.79 0.00	32.70 1.72 0.00	46.66 2.10 0.00	81.08 2.43 0.00	79.54 2.65 0.00	108.91 4.04 0.00	56.30 2.16 0.00	49.60 2.26 0.00	49.95 2.58 0.00	41.08 2.24 0.00	34.69 1.97 0.00
AST_ENERGY_2_CC3 323677	66.19 2.39 0.00	56.64 1.90 0.00	38.01 1.36 0.00	47.49 1.81 0.00	46.53 1.81 0.00	49.51 1.84 0.00	55.49 2.01 0.00	62.57 2.14 0.00	58.18 2.07 0.00	44.38 1.87 0.00	59.19 2.21 0.00	45.71 2.31 0.00	38.49 2.13 0.00	35.38 2.00 0.00	35.08 1.84 0.00	32.73 1.75 0.00	46.78 2.23 0.00	81.51 2.86 0.00	79.92 3.03 0.00	109.45 4.58 0.00	56.53 2.39 0.00	49.71 2.37 0.00	50.03 2.65 0.00	41.12 2.28 0.00	34.71 1.99 0.00
AST_ENERGY_2_CC4 323678	66.19 2.39 0.00	56.64 1.90 0.00	38.01 1.36 0.00	47.49 1.81 0.00	46.53 1.81 0.00	49.51 1.84 0.00	55.49 2.01 0.00	62.57 2.14 0.00	58.18 2.07 0.00	44.38 1.87 0.00	59.19 2.21 0.00	45.71 2.31 0.00	38.49 2.13 0.00	35.38 2.00 0.00	35.08 1.84 0.00	32.73 1.75 0.00	46.78 2.23 0.00	81.51 2.86 0.00	79.92 3.03 0.00	109.45 4.58 0.00	56.53 2.39 0.00	49.71 2.37 0.00	50.03 2.65 0.00	41.12 2.28 0.00	34.71 1.99 0.00
ATHENS_STG_1	64.90	55.63	37.27	46.46	45.50	48.51	54.53	61.62	57.21	43.39	57.94	44.42	37.24	34.30	34.12	31.86	45.68	79.99	78.19	107.00	55.35	48.62	48.74	39.99	33.76

23668	1.09 0.00	0.89 0.00	0.63 0.00	0.79 0.00	0.78 0.00	0.84 0.00	1.05 0.00	1.19 0.00	1.11 0.00	0.88 0.00	0.96 0.00	1.02 0.00	0.89 0.00	0.91 0.00	0.88 0.00	0.88 0.00	1.12 0.00	1.34 0.00	1.30 0.00	2.13 0.00	1.20 0.00	1.28 0.00	1.36 0.00	1.15 0.00	1.04 0.00
ATHENS_STG_2 23670	64.90 1.09 0.00	55.63 0.89 0.00	37.27 0.63 0.00	46.46 0.79 0.00	45.50 0.78 0.00	48.51 0.84 0.00	54.53 1.05 0.00	61.62 1.19 0.00	57.21 1.11 0.00	43.39 0.88 0.00	57.94 0.96 0.00	44.42 1.02 0.00	37.24 0.89 0.00	34.30 0.91 0.00	34.12 0.88 0.00	31.86 0.88 0.00	45.68 1.12 0.00	79.99 1.34 0.00	78.19 1.30 0.00	107.00 2.13 0.00	55.35 1.20 0.00	48.62 1.28 0.00	48.74 1.36 0.00	39.99 1.15 0.00	33.76 1.04 0.00
ATHENS_STG_3 23677	64.90 1.09 0.00	55.63 0.89 0.00	37.27 0.63 0.00	46.46 0.79 0.00	45.50 0.78 0.00	48.51 0.84 0.00	54.53 1.05 0.00	61.62 1.19 0.00	57.21 1.11 0.00	43.39 0.88 0.00	57.94 0.96 0.00	44.42 1.02 0.00	37.24 0.89 0.00	34.30 0.91 0.00	34.12 0.88 0.00	31.86 0.88 0.00	45.68 1.12 0.00	79.99 1.34 0.00	78.19 1.30 0.00	107.00 2.13 0.00	55.35 1.20 0.00	48.62 1.28 0.00	48.74 1.36 0.00	39.99 1.15 0.00	33.76 1.04 0.00
AUBURN___LFGE 323710	63.49 -0.31 0.00	54.52 -0.22 0.00	36.51 -0.13 0.00	45.64 -0.03 0.00	44.70 -0.02 0.00	47.65 -0.02 0.00	53.29 -0.19 0.00	60.39 -0.04 0.00	55.63 -0.47 0.00	41.98 -0.53 0.00	56.18 -0.80 0.00	42.64 -0.77 0.00	35.92 -0.44 0.00	32.92 -0.47 0.00	32.75 -0.48 0.00	30.53 -0.45 0.00	44.15 -0.40 0.00	78.46 -0.19 0.00	76.63 -0.27 0.00	104.16 -0.71 0.00	53.85 -0.29 0.00	47.06 -0.27 0.00	47.05 -0.32 0.00	38.62 -0.22 0.00	32.46 -0.26 0.00
BABYLON_RES_REC 323704	42.58 1.47 22.70	54.54 1.32 1.51	37.62 0.99 0.01	47.20 1.52 0.00	46.24 1.55 0.03	49.21 1.54 0.00	55.02 1.54 0.00	61.82 1.40 0.00	57.34 1.40 0.17	43.18 1.22 0.56	58.60 1.61 0.00	45.35 1.95 0.00	38.20 1.85 0.00	35.09 1.71 0.00	34.56 1.33 0.00	32.41 1.44 0.00	46.28 1.73 0.00	80.68 2.03 0.00	79.28 2.39 0.00	108.93 4.05 0.00	56.26 2.12 0.00	49.36 2.03 0.00	49.63 2.26 0.00	37.36 1.73 3.21	34.36 1.65 0.00
BALL_HILL_WT_PWR 323825	63.11 -0.70 0.00	54.59 -0.15 0.00	36.21 -0.43 0.00	45.32 -0.35 0.00	44.49 -0.22 0.00	47.14 -0.53 0.00	52.69 -0.79 0.00	59.05 -1.38 0.00	54.13 -1.98 0.00	41.33 -1.18 0.00	56.54 -0.44 0.00	42.69 -0.71 0.00	35.82 -0.54 0.00	32.44 -0.94 0.00	32.38 -0.86 0.00	29.69 -1.29 0.00	42.84 -1.71 0.00	76.03 -2.63 0.00	73.11 -3.78 0.00	99.10 -5.77 0.00	50.98 -3.17 0.00	44.05 -3.29 0.00	44.02 -3.36 0.00	36.54 -2.30 0.00	30.55 -2.17 0.00
BARON_WINDS___WT_PWR 323822	62.67 -1.13 0.00	54.06 -0.68 0.00	35.96 -0.68 0.00	44.92 -0.76 0.00	44.23 -0.49 0.00	46.75 -0.92 0.00	52.46 -1.02 0.00	58.95 -1.48 0.00	54.26 -1.85 0.00	41.35 -1.16 0.00	55.93 -1.06 0.00	42.48 -0.92 0.00	35.54 -0.82 0.00	32.22 -1.17 0.00	32.09 -1.15 0.00	29.50 -1.48 0.00	42.78 -1.77 0.00	76.31 -2.34 0.00	73.84 -3.05 0.00	100.24 -4.63 0.00	51.71 -2.43 0.00	44.48 -2.86 0.00	44.09 -3.29 0.00	36.35 -2.49 0.00	30.47 -2.25 0.00
BARRETT_IC_1 23704	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BARRETT_IC_10 23701	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BARRETT_IC_11 23702	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BARRETT_IC_12 23703	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BARRETT_IC_2 23705	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BARRETT_IC_3 23706	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BARRETT_IC_4 23707	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BARRETT_IC_5 23708	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BARRETT_IC_6	67.05	56.07	37.63	47.21	46.26	49.20	55.00	61.77	57.44	43.79	58.63	45.44	38.26	35.13	34.67	32.39	46.18	80.21	78.54	108.28	56.15	49.28	49.53	40.78	34.39

23709	1.42 -1.82	1.24 -0.09	0.99 0.00	1.53 0.00	1.54 0.00	1.53 0.00	1.52 0.00	1.34 0.00	1.32 -0.01	1.23 -0.04	1.64 0.00	2.04 0.00	1.90 0.00	1.75 0.00	1.43 0.00	1.41 0.00	1.63 0.00	1.56 0.00	1.65 0.00	3.41 0.00	2.00 0.00	1.95 0.00	2.16 0.00	1.68 -0.26	1.67 0.00
BARRETT_IC_7 23710	67.06 1.43 -1.82	56.06 1.23 -0.09	37.64 1.00 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.21 1.53 0.00	55.00 1.52 0.00	61.78 1.35 0.00	57.46 1.34 -0.01	43.79 1.23 -0.04	58.63 1.65 0.00	45.44 2.04 0.00	38.25 1.89 0.00	35.14 1.75 0.00	34.68 1.44 0.00	32.39 1.42 0.00	46.18 1.63 0.00	80.22 1.57 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.38 1.66 0.00
BARRETT_IC_8 23711	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BARRETT_IC_9 23700	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BARRETT___1 23545	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BARRETT___2 23546	67.05 1.42 -1.82	56.07 1.24 -0.09	37.63 0.99 0.00	47.21 1.53 0.00	46.26 1.54 0.00	49.20 1.53 0.00	55.00 1.52 0.00	61.77 1.34 0.00	57.44 1.32 -0.01	43.79 1.23 -0.04	58.63 1.64 0.00	45.44 2.04 0.00	38.26 1.90 0.00	35.13 1.75 0.00	34.67 1.43 0.00	32.39 1.41 0.00	46.18 1.63 0.00	80.21 1.56 0.00	78.54 1.65 0.00	108.28 3.41 0.00	56.15 2.00 0.00	49.28 1.95 0.00	49.53 2.16 0.00	40.78 1.68 -0.26	34.39 1.67 0.00
BATAVIA___115KV_TB1 55881	63.72 -0.09 0.00	55.09 0.35 0.00	36.52 -0.12 0.00	45.72 0.05 0.00	44.85 0.13 0.00	47.66 -0.01 0.00	53.23 -0.25 0.00	59.55 -0.88 0.00	54.78 -1.33 0.00	41.49 -1.03 0.00	56.55 -0.43 0.00	42.75 -0.65 0.00	35.88 -0.47 0.00	32.46 -0.92 0.00	32.33 -0.91 0.00	29.58 -1.40 0.00	42.94 -1.62 0.00	76.94 -1.71 0.00	74.37 -2.52 0.00	100.72 -4.15 0.00	51.87 -2.27 0.00	45.15 -2.19 0.00	45.21 -2.16 0.00	37.47 -1.37 0.00	31.30 -1.42 0.00
BAYONEEC___CTG1 323682	66.15 2.35 0.00	56.60 1.86 0.00	37.99 1.35 0.00	47.47 1.80 0.00	46.50 1.78 0.00	49.48 1.81 0.00	55.46 1.98 0.00	62.53 2.10 0.00	58.15 2.05 0.00	44.36 1.85 0.00	59.15 2.17 0.00	45.69 2.29 0.00	38.46 2.11 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.73 0.00	46.77 2.21 0.00	81.45 2.80 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.49 2.35 0.00	49.70 2.36 0.00	49.99 2.62 0.00	41.11 2.27 0.00	34.70 1.98 0.00
BAYONEEC___CTG10 323750	66.15 2.35 0.00	56.60 1.86 0.00	37.99 1.35 0.00	47.47 1.80 0.00	46.50 1.78 0.00	49.48 1.81 0.00	55.46 1.98 0.00	62.53 2.10 0.00	58.15 2.05 0.00	44.36 1.85 0.00	59.15 2.17 0.00	45.69 2.29 0.00	38.46 2.11 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.73 0.00	46.77 2.21 0.00	81.45 2.80 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.49 2.35 0.00	49.70 2.36 0.00	49.99 2.62 0.00	41.11 2.27 0.00	34.70 1.98 0.00
BAYONEEC___CTG2 323683	66.15 2.35 0.00	56.60 1.86 0.00	37.99 1.35 0.00	47.47 1.80 0.00	46.50 1.78 0.00	49.48 1.81 0.00	55.46 1.98 0.00	62.53 2.10 0.00	58.15 2.05 0.00	44.36 1.85 0.00	59.15 2.17 0.00	45.69 2.29 0.00	38.46 2.11 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.73 0.00	46.77 2.21 0.00	81.45 2.80 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.49 2.35 0.00	49.70 2.36 0.00	49.99 2.62 0.00	41.11 2.27 0.00	34.70 1.98 0.00
BAYONEEC___CTG3 323684	66.15 2.35 0.00	56.60 1.86 0.00	37.99 1.35 0.00	47.47 1.80 0.00	46.50 1.78 0.00	49.48 1.81 0.00	55.46 1.98 0.00	62.53 2.10 0.00	58.15 2.05 0.00	44.36 1.85 0.00	59.15 2.17 0.00	45.69 2.29 0.00	38.46 2.11 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.73 0.00	46.77 2.21 0.00	81.45 2.80 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.49 2.35 0.00	49.70 2.36 0.00	49.99 2.62 0.00	41.11 2.27 0.00	34.70 1.98 0.00
BAYONEEC___CTG4 323685	66.15 2.35 0.00	56.60 1.86 0.00	37.99 1.35 0.00	47.47 1.80 0.00	46.50 1.78 0.00	49.48 1.81 0.00	55.46 1.98 0.00	62.53 2.10 0.00	58.15 2.05 0.00	44.36 1.85 0.00	59.15 2.17 0.00	45.69 2.29 0.00	38.46 2.11 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.73 0.00	46.77 2.21 0.00	81.45 2.80 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.49 2.35 0.00	49.70 2.36 0.00	49.99 2.62 0.00	41.11 2.27 0.00	34.70 1.98 0.00
BAYONEEC___CTG5 323686	66.15 2.35 0.00	56.60 1.86 0.00	37.99 1.35 0.00	47.47 1.80 0.00	46.50 1.78 0.00	49.48 1.81 0.00	55.46 1.98 0.00	62.53 2.10 0.00	58.15 2.05 0.00	44.36 1.85 0.00	59.15 2.17 0.00	45.69 2.29 0.00	38.46 2.11 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.73 0.00	46.77 2.21 0.00	81.45 2.80 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.49 2.35 0.00	49.70 2.36 0.00	49.99 2.62 0.00	41.11 2.27 0.00	34.70 1.98 0.00
BAYONEEC___CTG6 323687	66.15 2.35 0.00	56.60 1.86 0.00	37.99 1.35 0.00	47.47 1.80 0.00	46.50 1.78 0.00	49.48 1.81 0.00	55.46 1.98 0.00	62.53 2.10 0.00	58.15 2.05 0.00	44.36 1.85 0.00	59.15 2.17 0.00	45.69 2.29 0.00	38.46 2.11 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.73 0.00	46.77 2.21 0.00	81.45 2.80 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.49 2.35 0.00	49.70 2.36 0.00	49.99 2.62 0.00	41.11 2.27 0.00	34.70 1.98 0.00
BAYONEEC___CTG7 323688	66.15 2.35 0.00	56.60 1.86 0.00	37.99 1.35 0.00	47.47 1.80 0.00	46.50 1.78 0.00	49.48 1.81 0.00	55.46 1.98 0.00	62.53 2.10 0.00	58.15 2.05 0.00	44.36 1.85 0.00	59.15 2.17 0.00	45.69 2.29 0.00	38.46 2.11 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.73 0.00	46.77 2.21 0.00	81.45 2.80 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.49 2.35 0.00	49.70 2.36 0.00	49.99 2.62 0.00	41.11 2.27 0.00	34.70 1.98 0.00
BAYONEEC___CTG8	66.15	56.60	37.99	47.47	46.50	49.48	55.46	62.53	58.15	44.36	59.15	45.69	38.46	35.36	35.07	32.71	46.77	81.45	79.88	109.38	56.49	49.70	49.99	41.11	34.70

323689	2.35 0.00	1.86 0.00	1.35 0.00	1.80 0.00	1.78 0.00	1.81 0.00	1.98 0.00	2.10 0.00	2.05 0.00	1.85 0.00	2.17 0.00	2.29 0.00	2.11 0.00	1.97 0.00	1.83 0.00	1.73 0.00	2.21 0.00	2.80 0.00	2.99 0.00	4.51 0.00	2.35 0.00	2.36 0.00	2.62 0.00	2.27 0.00	1.98 0.00
BAYONEEC___CTG9 323749	66.15 2.35 0.00	56.60 1.86 0.00	37.99 1.35 0.00	47.47 1.80 0.00	46.50 1.78 0.00	49.48 1.81 0.00	55.46 1.98 0.00	62.53 2.10 0.00	58.15 2.05 0.00	44.36 1.85 0.00	59.15 2.17 0.00	45.69 2.29 0.00	38.46 2.11 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.73 0.00	46.77 2.21 0.00	81.45 2.80 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.49 2.35 0.00	49.70 2.36 0.00	49.99 2.62 0.00	41.11 2.27 0.00	34.70 1.98 0.00
BEACON___LESR 323632	64.99 1.19 0.00	55.69 0.95 0.00	37.20 0.56 0.00	46.32 0.64 0.00	45.38 0.66 0.00	48.47 0.80 0.00	54.74 1.26 0.00	62.03 1.60 0.00	57.47 1.36 0.00	43.42 0.90 0.00	57.92 0.94 0.00	44.24 0.84 0.00	37.02 0.67 0.00	34.04 0.65 0.00	33.99 0.75 0.00	31.91 0.94 0.00	45.86 1.31 0.00	80.41 1.75 0.00	78.64 1.74 0.00	107.57 2.70 0.00	55.57 1.43 0.00	48.87 1.53 0.00	48.74 1.36 0.00	40.03 1.19 0.00	33.86 1.14 0.00
BEAVER RIVER___HYD 24048	65.22 1.42 0.00	55.96 1.22 0.00	37.46 0.82 0.00	46.77 1.10 0.00	45.86 1.14 0.00	48.80 1.13 0.00	54.11 0.63 0.00	61.08 0.65 0.00	57.05 0.94 0.00	43.34 0.82 0.00	57.75 0.77 0.00	43.14 -0.27 0.00	35.95 -0.40 0.00	32.80 -0.59 0.00	32.50 -0.74 0.00	30.40 -0.58 0.00	44.38 -0.18 0.00	80.48 1.83 0.00	79.46 2.57 0.00	107.91 3.04 0.00	55.37 1.23 0.00	48.10 0.77 0.00	48.25 0.88 0.00	39.00 0.16 0.00	32.58 -0.14 0.00
BEEBEE_GT_13 23619	63.06 -0.75 0.00	54.39 -0.35 0.00	36.16 -0.48 0.00	45.20 -0.48 0.00	44.31 -0.41 0.00	47.13 -0.54 0.00	52.70 -0.78 0.00	59.21 -1.22 0.00	54.60 -1.50 0.00	41.44 -1.07 0.00	56.32 -0.66 0.00	42.59 -0.81 0.00	35.78 -0.57 0.00	32.61 -0.78 0.00	32.55 -0.69 0.00	29.99 -0.99 0.00	43.38 -1.17 0.00	77.06 -1.60 0.00	74.61 -2.28 0.00	101.20 -3.67 0.00	52.14 -2.01 0.00	45.46 -1.87 0.00	45.52 -1.86 0.00	37.54 -1.30 0.00	31.43 -1.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	66.38 2.58 0.01	56.82 2.09 0.01	38.14 1.51 0.01	47.65 1.98 0.01	46.63 1.92 0.01	49.67 2.01 0.01	55.65 2.17 0.00	62.73 2.30 0.00	58.39 2.29 0.00	44.63 2.12 0.00	59.39 2.41 0.00	45.98 2.57 0.00	38.67 2.31 0.00	35.56 2.18 0.00	35.27 2.04 0.00	32.89 1.92 0.00	46.99 2.44 0.00	81.68 3.03 0.00	80.24 3.35 0.00	109.90 5.03 0.00	56.81 2.67 0.00	50.03 2.70 0.00	50.41 3.03 0.00	41.42 2.58 0.00	34.94 2.22 0.00
BETHLEHEM___GRP 23843	64.11 0.30 0.00	54.98 0.24 0.00	36.82 0.18 0.00	45.81 0.14 0.00	44.80 0.09 0.00	47.85 0.18 0.00	53.95 0.47 0.00	61.09 0.66 0.00	56.73 0.62 0.00	42.91 0.39 0.00	57.24 0.25 0.00	43.78 0.38 0.00	36.65 0.29 0.00	33.75 0.37 0.00	33.68 0.44 0.00	31.59 0.62 0.00	45.26 0.70 0.00	79.32 0.67 0.00	77.53 0.64 0.00	106.15 1.28 0.00	54.88 0.74 0.00	48.24 0.91 0.00	48.24 0.86 0.00	39.55 0.71 0.00	33.47 0.75 0.00
BETHLEHEM___GS1 323560	64.11 0.30 0.00	54.98 0.24 0.00	36.82 0.18 0.00	45.81 0.14 0.00	44.80 0.08 0.00	47.85 0.18 0.00	53.95 0.47 0.00	61.10 0.66 0.00	56.73 0.62 0.00	42.90 0.39 0.00	57.24 0.26 0.00	43.78 0.38 0.00	36.65 0.29 0.00	33.76 0.37 0.00	33.68 0.44 0.00	31.59 0.61 0.00	45.26 0.70 0.00	79.32 0.67 0.00	77.53 0.64 0.00	106.15 1.28 0.00	54.88 0.74 0.00	48.24 0.91 0.00	48.24 0.86 0.00	39.55 0.71 0.00	33.47 0.75 0.00
BETHLEHEM___GS2 323561	64.11 0.30 0.00	54.98 0.24 0.00	36.82 0.18 0.00	45.81 0.14 0.00	44.80 0.08 0.00	47.85 0.18 0.00	53.95 0.47 0.00	61.10 0.66 0.00	56.73 0.62 0.00	42.90 0.39 0.00	57.24 0.26 0.00	43.78 0.38 0.00	36.65 0.29 0.00	33.76 0.37 0.00	33.68 0.44 0.00	31.59 0.61 0.00	45.26 0.70 0.00	79.32 0.67 0.00	77.53 0.64 0.00	106.15 1.28 0.00	54.88 0.74 0.00	48.24 0.91 0.00	48.24 0.86 0.00	39.55 0.71 0.00	33.47 0.75 0.00
BETHLEHEM___GS3 323562	64.11 0.30 0.00	54.98 0.24 0.00	36.82 0.18 0.00	45.81 0.14 0.00	44.80 0.08 0.00	47.85 0.18 0.00	53.95 0.47 0.00	61.10 0.66 0.00	56.73 0.62 0.00	42.90 0.39 0.00	57.24 0.26 0.00	43.78 0.38 0.00	36.65 0.29 0.00	33.76 0.37 0.00	33.68 0.44 0.00	31.59 0.61 0.00	45.26 0.70 0.00	79.32 0.67 0.00	77.53 0.64 0.00	106.15 1.28 0.00	54.88 0.74 0.00	48.24 0.91 0.00	48.24 0.86 0.00	39.55 0.71 0.00	33.47 0.75 0.00
BETHLEHEM___STEEL 23779	62.89 -0.91 0.00	54.45 -0.29 0.00	36.09 -0.55 0.00	45.18 -0.49 0.00	44.34 -0.38 0.00	47.01 -0.67 0.00	52.48 -1.00 0.00	58.72 -1.71 0.00	53.88 -2.22 0.00	41.11 -1.40 0.00	56.38 -0.60 0.00	42.52 -0.88 0.00	35.73 -0.62 0.00	32.31 -1.08 0.00	32.28 -0.96 0.00	29.55 -1.43 0.00	42.70 -1.85 0.00	75.76 -2.89 0.00	72.78 -4.11 0.00	98.54 -6.33 0.00	50.74 -3.40 0.00	44.02 -3.31 0.00	44.08 -3.30 0.00	36.59 -2.25 0.00	30.56 -2.16 0.00
BETHLHEM_115KV_TB1 79974	64.19 0.38 0.00	55.03 0.29 0.00	36.86 0.22 0.00	45.87 0.20 0.00	44.86 0.14 0.00	47.91 0.24 0.00	53.99 0.51 0.00	61.14 0.70 0.00	56.77 0.66 0.00	42.93 0.42 0.00	57.30 0.31 0.00	43.82 0.42 0.00	36.69 0.33 0.00	33.79 0.41 0.00	33.71 0.47 0.00	31.59 0.62 0.00	45.27 0.72 0.00	79.35 0.69 0.00	77.58 0.69 0.00	106.18 1.31 0.00	54.91 0.77 0.00	48.26 0.93 0.00	48.26 0.88 0.00	39.57 0.73 0.00	33.47 0.75 0.00
BETHPAGE_CC_5 323564	44.72 1.43 20.52	54.76 1.23 1.21	37.60 0.96 0.01	47.15 1.48 0.00	46.20 1.50 0.01	49.15 1.48 0.00	54.97 1.49 0.00	61.74 1.32 0.00	57.28 1.33 0.16	43.31 1.30 0.50	58.73 1.75 0.00	45.39 1.99 0.00	38.22 1.87 0.00	35.10 1.72 0.00	34.61 1.38 0.00	32.42 1.44 0.00	46.23 1.68 0.00	80.43 1.78 0.00	78.97 2.08 0.00	108.43 3.56 0.00	56.05 1.91 0.00	49.19 1.85 0.00	49.43 2.06 0.00	37.54 1.61 2.91	34.27 1.55 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	63.01 -0.79 0.00	54.53 -0.21 0.00	36.16 -0.48 0.00	45.27 -0.41 0.00	44.42 -0.30 0.00	47.09 -0.58 0.00	52.58 -0.90 0.00	58.85 -1.58 0.00	54.01 -2.09 0.00	41.21 -1.30 0.00	56.52 -0.47 0.00	42.64 -0.77 0.00	35.83 -0.53 0.00	32.39 -0.99 0.00	32.35 -0.88 0.00	29.64 -1.34 0.00	42.82 -1.74 0.00	75.98 -2.68 0.00	72.99 -3.90 0.00	98.86 -6.01 0.00	50.90 -3.24 0.00	44.17 -3.16 0.00	44.19 -3.18 0.00	36.67 -2.17 0.00	30.63 -2.09 0.00
BINGHAMTON___COGEN 23790	64.02 0.22 0.00	54.97 0.23 0.00	36.73 0.08 0.00	45.83 0.16 0.00	44.95 0.23 0.00	47.82 0.15 0.00	53.69 0.21 0.00	60.61 0.18 0.00	56.05 -0.06 0.00	42.49 -0.03 0.00	56.93 -0.05 0.00	43.40 0.00 0.00	36.39 0.03 0.00	33.37 -0.01 0.00	33.20 -0.04 0.00	30.89 -0.09 0.00	44.52 -0.03 0.00	78.70 0.05 0.00	76.74 -0.15 0.00	104.75 -0.12 0.00	54.14 -0.01 0.00	47.28 -0.06 0.00	47.28 -0.10 0.00	38.82 -0.02 0.00	32.65 -0.07 0.00
BIXINCNT_115KV_LOAD	63.68	55.13	36.60	45.81	44.97	47.69	53.35	59.84	54.85	41.90	57.26	43.25	36.28	32.82	32.71	29.95	43.25	76.83	74.05	100.51	51.78	44.68	44.39	36.70	30.66

355685	-0.12 0.00	0.39 0.00	-0.04 0.00	0.13 0.00	0.25 0.00	0.01 0.00	-0.13 0.00	-0.59 0.00	-1.26 0.00	-0.61 0.00	0.28 0.00	-0.16 0.00	-0.07 0.00	-0.57 0.00	-0.53 0.00	-1.02 0.00	-1.30 0.00	-1.82 0.00	-2.85 0.00	-4.36 0.00	-2.37 0.00	-2.65 0.00	-2.99 0.00	-2.14 0.00	-2.06 0.00
BLACK RIVER___HYD 24047	65.09 1.29 0.00	55.85 1.12 0.00	37.38 0.74 0.00	46.69 1.02 0.00	45.81 1.09 0.00	48.75 1.08 0.00	54.11 0.63 0.00	60.90 0.47 0.00	56.88 0.77 0.00	43.19 0.68 0.00	57.33 0.35 0.00	42.54 -0.86 0.00	35.38 -0.98 0.00	32.24 -1.15 0.00	31.93 -1.31 0.00	29.91 -1.07 0.00	43.85 -0.71 0.00	80.44 1.79 0.00	79.46 2.57 0.00	107.97 3.10 0.00	55.31 1.17 0.00	48.01 0.68 0.00	48.17 0.79 0.00	38.80 -0.05 0.00	32.32 -0.40 0.00
BLACKRVR_115KV_TB2 79977	65.09 1.29 0.00	55.85 1.11 0.00	37.38 0.74 0.00	46.69 1.02 0.00	45.81 1.09 0.00	48.75 1.08 0.00	54.10 0.62 0.00	60.90 0.47 0.00	56.88 0.78 0.00	43.20 0.68 0.00	57.33 0.35 0.00	42.54 -0.86 0.00	35.38 -0.98 0.00	32.23 -1.15 0.00	31.93 -1.31 0.00	29.91 -1.07 0.00	43.85 -0.71 0.00	80.44 1.79 0.00	79.47 2.57 0.00	107.97 3.10 0.00	55.31 1.17 0.00	48.01 0.68 0.00	48.17 0.79 0.00	38.79 -0.05 0.00	32.32 -0.40 0.00
BLDWN_LI_69_KV_BK4 356085	54.25 1.94 11.49	55.82 1.63 0.55	37.87 1.23 0.00	47.46 1.78 0.00	46.51 1.79 0.00	49.46 1.79 0.00	55.33 1.85 0.00	62.22 1.79 0.00	57.77 1.75 0.09	43.75 1.52 0.28	58.99 2.01 0.00	45.64 2.23 0.00	38.42 2.07 0.00	35.30 1.91 0.00	34.84 1.60 0.00	32.61 1.63 0.00	46.55 2.00 0.00	80.89 2.24 0.00	79.36 2.47 0.00	109.12 4.24 0.00	56.60 2.46 0.00	49.64 2.30 0.00	49.88 2.50 0.00	39.19 1.98 1.63	34.56 1.84 0.00
BLISS_WT_PWR 323608	63.73 -0.07 0.00	55.16 0.42 0.00	36.62 -0.02 0.00	45.85 0.17 0.00	45.01 0.29 0.00	47.73 0.06 0.00	53.40 -0.08 0.00	59.90 -0.53 0.00	54.91 -1.19 0.00	41.95 -0.56 0.00	57.32 0.34 0.00	43.28 -0.12 0.00	36.32 -0.04 0.00	32.85 -0.54 0.00	32.73 -0.51 0.00	29.98 -1.00 0.00	43.27 -1.29 0.00	76.88 -1.77 0.00	74.12 -2.77 0.00	100.61 -4.26 0.00	51.84 -2.30 0.00	44.65 -2.68 0.00	44.27 -3.11 0.00	36.57 -2.27 0.00	30.54 -2.18 0.00
BLUESTONE___WT_PWR 323821	66.49 2.68 0.00	56.96 2.22 0.00	38.07 1.43 0.00	47.59 1.91 0.00	46.72 2.00 0.00	49.80 2.13 0.00	56.02 2.54 0.00	63.36 2.93 0.00	58.64 2.54 0.00	44.03 1.52 0.00	58.89 1.91 0.00	44.68 1.28 0.00	37.17 0.82 0.00	33.97 0.58 0.00	33.65 0.41 0.00	31.46 0.48 0.00	46.17 1.61 0.00	82.45 3.80 0.00	80.72 3.83 0.00	109.98 5.10 0.00	56.58 2.43 0.00	48.86 1.53 0.00	48.45 1.07 0.00	39.25 0.40 0.00	32.64 -0.08 0.00
BLUE_CIRC_CHEM_DRP 24182	64.64 0.83 0.00	55.44 0.70 0.00	37.12 0.48 0.00	46.20 0.53 0.00	45.20 0.48 0.00	48.24 0.57 0.00	54.36 0.88 0.00	61.52 1.09 0.00	57.06 0.95 0.00	43.06 0.54 0.00	57.48 0.50 0.00	43.99 0.58 0.00	36.82 0.46 0.00	33.83 0.44 0.00	33.72 0.48 0.00	31.58 0.61 0.00	45.43 0.87 0.00	79.84 1.19 0.00	78.03 1.14 0.00	106.71 1.84 0.00	55.20 1.06 0.00	48.49 1.16 0.00	48.50 1.12 0.00	39.75 0.91 0.00	33.61 0.89 0.00
BOC_GAS_DRP 24189	64.31 0.51 0.00	55.14 0.40 0.00	36.93 0.29 0.00	46.00 0.33 0.00	45.00 0.28 0.00	48.02 0.35 0.00	54.05 0.57 0.00	61.16 0.72 0.00	56.78 0.67 0.00	42.99 0.47 0.00	57.40 0.42 0.00	43.92 0.51 0.00	36.77 0.41 0.00	33.87 0.48 0.00	33.75 0.51 0.00	31.57 0.59 0.00	45.25 0.70 0.00	79.37 0.71 0.00	77.57 0.68 0.00	106.10 1.23 0.00	54.87 0.73 0.00	48.21 0.87 0.00	48.25 0.87 0.00	39.57 0.72 0.00	33.44 0.72 0.00
BOONVILLE_115KV_TB1 79983	65.12 1.31 0.00	55.88 1.14 0.00	37.39 0.75 0.00	46.68 1.01 0.00	45.75 1.03 0.00	48.72 1.04 0.00	54.41 0.93 0.00	61.56 1.13 0.00	57.25 1.14 0.00	43.42 0.91 0.00	58.04 1.06 0.00	43.68 0.28 0.00	36.52 0.16 0.00	33.41 0.02 0.00	33.16 -0.08 0.00	30.99 0.02 0.00	45.02 0.47 0.00	80.53 1.88 0.00	79.13 2.24 0.00	107.70 2.83 0.00	55.45 1.31 0.00	48.36 1.02 0.00	48.39 1.02 0.00	39.37 0.52 0.00	33.00 0.28 0.00
BORALEX_4TH_BRANCH 23824	63.89 0.08 0.00	54.89 0.15 0.00	36.82 0.18 0.00	45.52 -0.16 0.00	44.40 -0.32 0.00	47.59 -0.08 0.00	54.12 0.64 0.00	61.60 1.17 0.00	57.17 1.06 0.00	43.03 0.52 0.00	57.25 0.27 0.00	43.78 0.38 0.00	36.36 0.00 0.00	33.57 0.19 0.00	33.67 0.43 0.00	31.96 0.98 0.00	45.64 1.09 0.00	79.67 1.02 0.00	77.71 0.82 0.00	106.89 2.02 0.00	55.37 1.22 0.00	48.85 1.52 0.00	48.62 1.25 0.00	39.79 0.95 0.00	33.88 1.16 0.00
BOWLINE___1 23526	65.97 2.17 0.00	56.54 1.80 0.00	37.89 1.25 0.00	47.32 1.64 0.00	46.35 1.63 0.00	49.35 1.68 0.00	55.32 1.84 0.00	62.46 2.03 0.00	57.97 1.87 0.00	44.09 1.58 0.00	58.86 1.88 0.00	45.34 1.94 0.00	38.13 1.77 0.00	35.06 1.68 0.00	34.81 1.57 0.00	32.45 1.47 0.00	46.47 1.92 0.00	81.21 2.56 0.00	79.66 2.77 0.00	109.10 4.22 0.00	56.30 2.16 0.00	49.39 2.05 0.00	49.65 2.28 0.00	40.82 1.98 0.00	34.42 1.70 0.00
BOWLINE___2 23595	65.96 2.16 0.00	56.52 1.78 0.00	37.87 1.23 0.00	47.31 1.63 0.00	46.35 1.63 0.00	49.33 1.66 0.00	55.32 1.84 0.00	62.43 2.00 0.00	57.96 1.85 0.00	44.08 1.57 0.00	58.86 1.88 0.00	45.34 1.94 0.00	38.13 1.77 0.00	35.06 1.67 0.00	34.80 1.56 0.00	32.44 1.47 0.00	46.46 1.91 0.00	81.20 2.55 0.00	79.62 2.73 0.00	109.04 4.17 0.00	56.28 2.14 0.00	49.38 2.04 0.00	49.65 2.28 0.00	40.82 1.98 0.00	34.42 1.70 0.00
BRADY___115KV_TB2 356060	66.89 3.09 0.00	57.31 2.57 0.00	38.39 1.75 0.00	47.85 2.18 0.00	46.88 2.17 0.00	49.95 2.27 0.00	55.86 2.38 0.00	63.08 2.65 0.00	58.78 2.67 0.00	44.53 2.02 0.00	59.79 2.81 0.00	45.10 1.70 0.00	37.75 1.40 0.00	34.48 1.10 0.00	34.26 1.02 0.00	31.78 0.80 0.00	45.78 1.23 0.00	82.02 3.37 0.00	80.93 4.03 0.00	109.97 5.10 0.00	56.59 2.45 0.00	48.81 1.48 0.00	49.11 1.74 0.00	40.22 1.38 0.00	33.78 1.06 0.00
BRANSCOMB___SOLAR 323811	65.16 1.36 0.00	55.87 1.13 0.00	37.43 0.79 0.00	46.47 0.80 0.00	45.45 0.73 0.00	48.66 0.99 0.00	55.04 1.56 0.00	62.31 1.88 0.00	57.76 1.66 0.00	43.37 0.86 0.00	58.03 1.05 0.00	44.40 1.00 0.00	36.87 0.51 0.00	33.94 0.55 0.00	33.79 0.56 0.00	31.75 0.78 0.00	45.76 1.21 0.00	80.84 2.19 0.00	79.10 2.21 0.00	108.48 3.61 0.00	56.08 1.94 0.00	49.28 1.95 0.00	49.07 1.70 0.00	40.14 1.30 0.00	34.03 1.31 0.00
BRDGHMPT_69_KV_BK1 55812	33.07 -0.81 29.92	5.57 -0.43 48.74	22.54 0.16 14.26	46.30 0.62 0.00	43.86 0.87 1.73	48.46 0.79 0.00	54.18 0.70 0.00	60.84 0.42 0.00	56.63 0.72 0.20	37.34 0.63 5.81	-122.78 1.59 181.34	-397.33 1.99 442.73	18.06 1.82 20.11	35.06 1.73 0.05	29.93 1.28 4.59	32.45 1.47 0.00	42.80 1.67 3.43	51.01 1.85 29.49	70.05 2.59 9.43	106.90 4.41 2.37	49.54 2.32 6.92	49.69 2.36 0.00	49.90 2.53 0.00	36.97 1.92 3.80	34.50 1.78 0.01
BRENTWOD_69_KV_W. BRTWOOD	39.24	53.95	37.65	47.25	46.29	49.27	55.12	61.91	57.42	43.12	58.57	45.38	38.25	35.18	34.63	32.50	46.34	80.65	79.32	109.04	56.29	49.43	49.67	36.90	34.42

56703	1.39 25.95	1.34 2.13	1.02 0.01	1.57 0.00	1.62 0.05	1.60 0.00	1.64 0.00	1.49 0.00	1.50 0.20	1.24 0.63	1.59 0.00	1.98 0.00	1.90 0.00	1.79 0.00	1.39 0.00	1.52 0.00	1.79 0.00	2.00 0.00	2.43 0.00	4.17 0.00	2.14 0.00	2.10 0.00	2.29 0.00	1.71 3.65	1.70 0.00
BRISTLHL_115KV_TB1 79998	62.07 -1.74 0.00	53.27 -1.47 0.00	35.61 -1.03 0.00	44.41 -1.26 0.00	43.50 -1.22 0.00	46.37 -1.30 0.00	52.05 -1.43 0.00	58.75 -1.69 0.00	54.35 -1.76 0.00	41.24 -1.27 0.00	55.14 -1.84 0.00	42.00 -1.40 0.00	35.23 -1.12 0.00	32.38 -1.01 0.00	32.13 -1.10 0.00	30.00 -0.98 0.00	43.28 -1.27 0.00	76.56 -2.09 0.00	74.79 -2.10 0.00	101.99 -2.88 0.00	52.65 -1.49 0.00	46.03 -1.31 0.00	46.03 -1.35 0.00	37.71 -1.13 0.00	31.73 -0.99 0.00
BROOKHAVEN___DRP 24191	33.85 -0.01 29.95	7.55 0.04 47.23	23.20 0.24 13.69	46.29 0.61 0.00	43.69 0.66 1.69	48.24 0.57 0.00	53.97 0.49 0.00	60.64 0.21 0.00	56.25 0.35 0.20	37.28 0.37 5.60	-116.34 0.75 174.07	-380.22 1.34 424.97	18.57 1.51 19.30	34.73 1.39 0.05	29.74 0.91 4.41	32.07 1.09 0.00	42.41 1.14 3.29	51.15 0.80 28.30	69.14 1.30 9.05	105.14 2.55 2.28	48.81 1.32 6.65	48.68 1.35 0.00	48.95 1.57 0.00	36.22 1.18 3.80	33.92 1.21 0.01
BROOKLYN_NAVY_YARD 23515	66.02 2.22 0.00	56.47 1.73 0.00	37.87 1.24 0.01	47.27 1.61 0.02	46.31 1.61 0.02	49.28 1.63 0.02	55.25 1.78 0.01	62.35 1.92 0.00	57.97 1.87 0.00	44.25 1.73 0.00	58.99 2.01 0.00	45.57 2.17 0.00	38.37 2.01 0.00	35.29 1.91 0.00	34.99 1.75 0.00	32.64 1.66 0.00	46.67 2.12 0.00	81.28 2.63 0.00	79.68 2.79 0.00	109.14 4.27 0.00	56.37 2.23 0.00	49.57 2.23 0.00	49.90 2.52 0.00	41.02 2.17 0.00	34.61 1.89 0.00
BROOKLYN___ARMY_DRP 323595	66.13 2.33 0.01	56.63 1.90 0.01	38.00 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.52 2.09 0.00	58.21 2.10 0.00	44.48 1.96 0.00	59.17 2.19 0.00	45.80 2.40 0.00	38.53 2.17 0.00	35.43 2.04 0.00	35.13 1.90 0.00	32.76 1.79 0.00	46.80 2.24 0.00	81.34 2.69 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.43 0.00	49.82 2.49 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
BROOME_2_LFGE 323671	64.02 0.21 0.00	54.97 0.23 0.00	36.73 0.09 0.00	45.84 0.16 0.00	44.95 0.23 0.00	47.83 0.15 0.00	53.70 0.22 0.00	60.61 0.18 0.00	56.05 -0.06 0.00	42.49 -0.03 0.00	56.94 -0.05 0.00	43.40 0.00 0.00	36.39 0.03 0.00	33.37 -0.01 0.00	33.20 -0.04 0.00	30.89 -0.09 0.00	44.52 -0.03 0.00	78.70 0.05 0.00	76.74 -0.15 0.00	104.75 -0.12 0.00	54.14 -0.01 0.00	47.27 -0.06 0.00	47.27 -0.11 0.00	38.82 -0.02 0.00	32.65 -0.07 0.00
BROOME___LFGE 323600	64.02 0.21 0.00	54.97 0.23 0.00	36.73 0.09 0.00	45.84 0.16 0.00	44.95 0.23 0.00	47.83 0.15 0.00	53.70 0.22 0.00	60.61 0.18 0.00	56.05 -0.06 0.00	42.49 -0.03 0.00	56.94 -0.05 0.00	43.40 0.00 0.00	36.39 0.03 0.00	33.37 -0.01 0.00	33.20 -0.04 0.00	30.89 -0.09 0.00	44.52 -0.03 0.00	78.70 0.05 0.00	76.74 -0.15 0.00	104.75 -0.12 0.00	54.14 -0.01 0.00	47.27 -0.06 0.00	47.27 -0.11 0.00	38.82 -0.02 0.00	32.65 -0.07 0.00
BROWNFLS_115KV_TB_3_5 80003	65.73 1.93 0.00	56.36 1.62 0.00	37.75 1.11 0.00	47.10 1.43 0.00	46.17 1.45 0.00	49.13 1.46 0.00	54.57 1.09 0.00	61.60 1.16 0.00	57.49 1.38 0.00	43.63 1.12 0.00	58.35 1.37 0.00	43.80 0.40 0.00	36.57 0.21 0.00	33.36 -0.02 0.00	33.12 -0.13 0.00	30.85 -0.13 0.00	44.74 0.19 0.00	80.67 2.01 0.00	79.62 2.73 0.00	108.15 3.28 0.00	55.54 1.40 0.00	48.16 0.83 0.00	48.35 0.98 0.00	39.30 0.46 0.00	32.92 0.20 0.00
BROWNSV1_27_KV_LOAD 356125	66.73 2.93 0.00	57.08 2.34 0.00	38.29 1.65 0.00	47.85 2.17 0.00	46.85 2.13 0.00	49.87 2.19 0.00	55.89 2.41 0.00	63.03 2.60 0.00	58.62 2.51 0.00	44.73 2.22 0.00	59.68 2.70 0.00	46.09 2.69 0.00	38.78 2.43 0.00	35.66 2.28 0.00	35.37 2.13 0.00	33.00 2.02 0.00	47.19 2.63 0.00	82.24 3.59 0.00	80.66 3.77 0.00	110.47 5.60 0.00	57.05 2.91 0.00	50.15 2.81 0.00	50.44 3.07 0.00	41.46 2.62 0.00	34.98 2.26 0.00
BURROWS___LYONSDAL 23803	65.14 1.33 0.00	55.90 1.16 0.00	37.41 0.77 0.00	46.71 1.03 0.00	45.78 1.06 0.00	48.73 1.06 0.00	54.29 0.81 0.00	61.40 0.97 0.00	57.18 1.07 0.00	43.41 0.89 0.00	57.96 0.98 0.00	43.53 0.12 0.00	36.38 0.02 0.00	33.25 -0.14 0.00	32.99 -0.24 0.00	30.84 -0.14 0.00	44.88 0.33 0.00	80.51 1.86 0.00	79.21 2.32 0.00	107.75 2.88 0.00	55.41 1.27 0.00	48.29 0.95 0.00	48.35 0.97 0.00	39.23 0.39 0.00	32.84 0.12 0.00
CAITHNESS_CC_1 323624	33.94 0.11 29.98	7.65 0.16 47.25	23.25 0.30 13.69	46.34 0.67 0.00	43.74 0.71 1.69	48.31 0.64 0.00	54.04 0.56 0.00	60.70 0.28 0.00	56.33 0.42 0.20	37.35 0.44 5.60	-116.30 0.82 174.10	-380.22 1.40 425.03	18.58 1.53 19.30	34.74 1.40 0.05	29.76 0.92 4.41	32.09 1.11 0.00	42.42 1.15 3.29	51.18 0.83 28.31	69.15 1.31 9.05	105.13 2.54 2.28	48.82 1.32 6.65	48.68 1.34 0.00	48.96 1.59 0.00	36.24 1.20 3.81	33.95 1.24 0.01
CALPINE BETH_PAGE_GT4 24209	47.14 1.50 18.16	55.14 1.27 0.87	37.62 0.98 0.00	47.17 1.49 0.00	46.22 1.50 0.00	49.17 1.50 0.00	54.98 1.50 0.00	61.81 1.38 0.00	57.34 1.38 0.13	43.36 1.29 0.44	58.69 1.71 0.00	45.38 1.98 0.00	38.21 1.86 0.00	35.10 1.72 0.00	34.63 1.39 0.00	32.43 1.46 0.00	46.26 1.71 0.00	80.50 1.84 0.00	79.05 2.16 0.00	108.52 3.65 0.00	56.12 1.98 0.00	49.25 1.92 0.00	49.49 2.12 0.00	37.92 1.66 2.58	34.30 1.58 0.00
CALPINE_BETH_PAGE_GT_4 323586	47.13 1.48 18.16	55.14 1.27 0.87	37.62 0.98 0.00	47.17 1.49 0.00	46.22 1.51 0.00	49.17 1.50 0.00	54.98 1.50 0.00	61.80 1.38 0.00	57.33 1.36 0.13	43.36 1.29 0.44	58.69 1.71 0.00	45.39 1.99 0.00	38.22 1.87 0.00	35.10 1.72 0.00	34.63 1.39 0.00	32.43 1.45 0.00	46.26 1.70 0.00	80.49 1.84 0.00	79.05 2.16 0.00	108.53 3.66 0.00	56.11 1.97 0.00	49.25 1.92 0.00	49.49 2.11 0.00	37.92 1.67 2.58	34.30 1.58 0.00
CALPINE_BP_GT1 23823	47.13 1.48 18.16	55.14 1.27 0.87	37.62 0.98 0.00	47.17 1.49 0.00	46.22 1.51 0.00	49.17 1.50 0.00	54.98 1.50 0.00	61.80 1.38 0.00	57.33 1.36 0.13	43.36 1.29 0.44	58.69 1.71 0.00	45.39 1.99 0.00	38.22 1.87 0.00	35.10 1.72 0.00	34.63 1.39 0.00	32.43 1.45 0.00	46.26 1.70 0.00	80.49 1.84 0.00	79.05 2.16 0.00	108.53 3.66 0.00	56.11 1.97 0.00	49.25 1.92 0.00	49.49 2.11 0.00	37.92 1.67 2.58	34.30 1.58 0.00
CALSPAN___DRP 24200	62.89 -0.91 0.00	54.45 -0.29 0.00	36.09 -0.55 0.00	45.18 -0.49 0.00	44.34 -0.38 0.00	47.01 -0.67 0.00	52.48 -1.00 0.00	58.72 -1.71 0.00	53.88 -2.22 0.00	41.11 -1.40 0.00	56.38 -0.60 0.00	42.52 -0.88 0.00	35.73 -0.62 0.00	32.31 -1.08 0.00	32.28 -0.96 0.00	29.55 -1.43 0.00	42.70 -1.85 0.00	75.76 -2.89 0.00	72.78 -4.11 0.00	98.54 -6.33 0.00	50.74 -3.40 0.00	44.02 -3.31 0.00	44.08 -3.30 0.00	36.59 -2.25 0.00	30.56 -2.16 0.00
CALVERTON___SOLAR	33.72	10.06	24.12	46.25	43.73	48.20	53.93	60.58	56.22	37.59	-103.93	-349.86	19.96	34.74	30.04	32.08	42.65	53.20	69.86	105.41	49.34	48.73	48.99	36.25	33.94

323806	-0.13 29.95	-0.05 44.63	0.20 12.71	0.57 0.00	0.61 1.61	0.53 0.00	0.45 0.00	0.15 0.00	0.32 0.20	0.33 5.25	0.73 161.64	1.35 394.61	1.53 17.92	1.40 0.05	0.90 4.09	1.10 0.00	1.15 3.05	0.83 26.28	1.37 8.40	2.65 2.12	1.36 6.17	1.39 0.00	1.62 0.00	1.21 3.80	1.22 0.01
CANDIGU_WT_PWR 323617	62.67 -1.13 0.00	54.06 -0.68 0.00	35.96 -0.68 0.00	44.92 -0.76 0.00	44.23 -0.49 0.00	46.75 -0.92 0.00	52.46 -1.02 0.00	58.95 -1.48 0.00	54.26 -1.85 0.00	41.35 -1.16 0.00	55.93 -1.06 0.00	42.48 -0.92 0.00	35.54 -0.82 0.00	32.22 -1.17 0.00	32.09 -1.15 0.00	29.50 -1.48 0.00	42.78 -1.77 0.00	76.31 -2.34 0.00	73.84 -1.52 0.00	100.24 -4.63 0.00	51.71 -2.43 0.00	44.48 -2.86 0.00	44.09 -3.29 0.00	36.35 -2.49 0.00	30.47 -2.25 0.00
CARR STREET_E_SYR 24060	62.62 -1.19 0.00	53.74 -1.00 0.00	35.92 -0.72 0.00	44.81 -0.86 0.00	43.91 -0.81 0.00	46.79 -0.89 0.00	52.51 -0.97 0.00	59.29 -1.15 0.00	54.92 -1.19 0.00	41.57 -0.94 0.00	55.69 -1.29 0.00	42.34 -1.06 0.00	35.53 -0.82 0.00	32.62 -0.76 0.00	32.49 -0.75 0.00	30.26 -0.72 0.00	43.61 -0.94 0.00	77.17 -1.48 0.00	75.37 -1.52 0.00	102.77 -2.10 0.00	53.06 -1.08 0.00	46.38 -0.95 0.00	46.38 -1.00 0.00	38.04 -0.80 0.00	31.99 -0.73 0.00
CARTHAGE___PAPER 23857	65.71 1.91 0.00	56.38 1.64 0.00	37.73 1.09 0.00	47.12 1.45 0.00	46.21 1.49 0.00	49.18 1.50 0.00	54.56 1.08 0.00	61.55 1.11 0.00	57.46 1.35 0.00	43.65 1.13 0.00	58.02 1.04 0.00	43.17 -0.23 0.00	35.92 -0.44 0.00	32.73 -0.65 0.00	32.41 -0.83 0.00	30.33 -0.64 0.00	44.43 -0.12 0.00	81.18 2.53 0.00	80.21 3.32 0.00	108.92 4.05 0.00	55.84 1.69 0.00	48.47 1.14 0.00	48.61 1.24 0.00	39.22 0.38 0.00	32.73 0.01 0.00
CASSADAGA_WT_PWR 323784	64.43 0.62 0.00	55.72 0.98 0.00	36.97 0.33 0.00	46.26 0.58 0.00	45.43 0.71 0.00	48.10 0.43 0.00	53.82 0.34 0.00	60.49 0.05 0.00	55.38 -0.72 0.00	42.35 -0.16 0.00	57.75 0.77 0.00	43.52 0.12 0.00	36.40 0.04 0.00	33.03 -0.36 0.00	32.87 -0.36 0.00	30.18 -0.79 0.00	43.60 -0.96 0.00	77.74 -0.92 0.00	74.89 -2.00 0.00	101.32 -3.55 0.00	51.68 -2.46 0.00	44.13 -3.20 0.00	43.92 -3.46 0.00	36.38 -2.46 0.00	30.33 -2.39 0.00
CE_DUNWOOD___DRP 24194	66.03 2.22 0.00	56.55 1.81 0.00	37.93 1.29 0.00	47.38 1.71 0.00	46.41 1.69 0.00	49.41 1.74 0.00	55.37 1.89 0.00	62.47 2.04 0.00	58.04 1.93 0.00	44.18 1.67 0.00	58.98 2.00 0.00	45.46 2.06 0.00	38.23 1.88 0.00	35.16 1.77 0.00	34.89 1.65 0.00	32.55 1.57 0.00	46.57 2.02 0.00	81.28 2.63 0.00	79.69 2.80 0.00	109.12 4.25 0.00	56.36 2.21 0.00	49.49 2.16 0.00	49.76 2.38 0.00	40.90 2.06 0.00	34.51 1.79 0.00
CE_MILLWOOD___DRP 24193	65.98 2.18 0.00	56.51 1.77 0.00	37.89 1.25 0.00	47.34 1.66 0.00	46.37 1.65 0.00	49.37 1.70 0.00	55.33 1.86 0.00	62.44 2.00 0.00	57.99 1.89 0.00	44.14 1.63 0.00	58.92 1.94 0.00	45.41 2.01 0.00	38.18 1.83 0.00	35.12 1.74 0.00	34.85 1.61 0.00	32.51 1.53 0.00	46.52 1.96 0.00	81.22 2.57 0.00	79.62 2.73 0.00	109.02 4.15 0.00	56.31 2.16 0.00	49.44 2.11 0.00	49.71 2.33 0.00	40.86 2.01 0.00	34.47 1.75 0.00
CE_NYC2_DRP 24202	65.83 2.03 0.01	56.32 1.59 0.01	37.81 1.18 0.01	47.24 1.57 0.01	46.28 1.56 0.01	49.26 1.59 0.01	55.27 1.79 0.00	62.35 1.92 0.00	58.03 1.93 0.00	44.33 1.82 0.00	59.01 2.04 0.00	45.66 2.26 0.00	38.43 2.08 0.00	35.35 1.96 0.00	35.05 1.81 0.00	32.71 1.74 0.00	46.70 2.14 0.00	81.16 2.52 0.00	79.62 2.74 0.00	109.02 4.15 0.00	56.35 2.21 0.00	49.64 2.30 0.00	50.00 2.62 0.00	41.11 2.26 0.00	34.71 1.99 0.00
CE_NYC_DRP 24195	66.26 2.46 0.00	56.68 1.95 0.00	38.04 1.40 0.00	47.53 1.86 0.00	46.56 1.84 0.00	49.56 1.89 0.00	55.54 2.06 0.00	62.62 2.19 0.00	58.25 2.14 0.00	44.43 1.91 0.00	59.25 2.27 0.00	45.76 2.36 0.00	38.52 2.17 0.00	35.43 2.04 0.00	35.12 1.89 0.00	32.77 1.79 0.00	46.85 2.29 0.00	81.62 2.97 0.00	80.03 3.14 0.00	109.59 4.72 0.00	56.60 2.46 0.00	49.76 2.43 0.00	50.07 2.70 0.00	41.16 2.31 0.00	34.74 2.02 0.00
CHAFFEE___LFGE 323603	63.00 -0.80 0.00	54.52 -0.22 0.00	36.15 -0.49 0.00	45.26 -0.41 0.00	44.40 -0.32 0.00	47.09 -0.58 0.00	52.60 -0.88 0.00	58.88 -1.55 0.00	54.04 -2.06 0.00	41.24 -1.27 0.00	56.53 -0.45 0.00	42.63 -0.77 0.00	35.82 -0.54 0.00	32.39 -1.00 0.00	32.35 -0.89 0.00	29.62 -1.36 0.00	42.80 -1.75 0.00	76.02 -2.63 0.00	73.06 -3.83 0.00	98.97 -5.90 0.00	50.96 -3.19 0.00	44.23 -3.10 0.00	44.30 -3.08 0.00	36.76 -2.09 0.00	30.68 -2.04 0.00
CHATEAUG_35_KV_LOAD 355732	65.49 1.68 0.00	56.13 1.39 0.00	37.71 1.07 0.00	46.97 1.30 0.00	45.97 1.26 0.00	49.04 1.37 0.00	54.98 1.50 0.00	62.04 1.61 0.00	57.81 1.70 0.00	43.85 1.34 0.00	59.01 2.03 0.00	44.68 1.28 0.00	37.33 0.97 0.00	34.13 0.74 0.00	33.92 0.68 0.00	31.50 0.53 0.00	45.22 0.66 0.00	80.56 1.90 0.00	79.06 2.17 0.00	107.62 2.75 0.00	55.25 1.11 0.00	47.98 0.64 0.00	47.87 0.50 0.00	39.25 0.41 0.00	33.00 0.28 0.00
CHATEAUG_WT_PWR 323614	65.30 1.50 0.00	55.98 1.24 0.00	37.61 0.97 0.00	46.84 1.17 0.00	45.85 1.14 0.00	48.91 1.24 0.00	54.83 1.35 0.00	61.87 1.44 0.00	57.61 1.51 0.00	43.71 1.20 0.00	58.83 1.85 0.00	44.59 1.19 0.00	37.28 0.92 0.00	34.10 0.71 0.00	33.90 0.66 0.00	31.49 0.51 0.00	45.18 0.62 0.00	80.29 1.64 0.00	78.68 1.79 0.00	107.08 2.20 0.00	55.03 0.89 0.00	47.78 0.44 0.00	47.71 0.33 0.00	39.15 0.31 0.00	32.95 0.23 0.00
CHAT_HIGH_FALL_HYD 323578	65.49 1.68 0.00	56.13 1.39 0.00	37.71 1.07 0.00	46.97 1.30 0.00	45.97 1.26 0.00	49.04 1.37 0.00	54.98 1.50 0.00	62.04 1.61 0.00	57.81 1.70 0.00	43.85 1.34 0.00	59.01 2.03 0.00	44.68 1.28 0.00	37.33 0.97 0.00	34.13 0.74 0.00	33.92 0.68 0.00	31.50 0.53 0.00	45.22 0.66 0.00	80.56 1.90 0.00	79.06 2.17 0.00	107.62 2.75 0.00	55.25 1.11 0.00	47.98 0.64 0.00	47.87 0.50 0.00	39.25 0.41 0.00	33.00 0.28 0.00
CHAUTAUQUA___LFGE 323629	63.71 -0.09 0.00	55.11 0.37 0.00	36.54 -0.10 0.00	45.74 0.07 0.00	44.92 0.21 0.00	47.57 -0.10 0.00	53.20 -0.28 0.00	59.71 -0.72 0.00	54.69 -1.41 0.00	41.80 -0.71 0.00	57.07 0.09 0.00	43.06 -0.34 0.00	36.09 -0.26 0.00	32.72 -0.67 0.00	32.62 -0.62 0.00	29.94 -1.04 0.00	43.19 -1.37 0.00	76.76 -1.89 0.00	73.89 -3.00 0.00	100.15 -4.72 0.00	51.40 -2.74 0.00	44.21 -3.12 0.00	44.09 -3.28 0.00	36.60 -2.24 0.00	30.58 -2.14 0.00
CHERRYST_13_KV_LD 356241	66.41 2.61 0.00	56.81 2.07 0.00	38.13 1.48 0.00	47.63 1.96 0.00	46.66 1.95 0.00	49.66 1.99 0.00	55.66 2.18 0.00	62.78 2.35 0.00	58.38 2.27 0.00	44.53 2.02 0.00	59.40 2.42 0.00	45.89 2.49 0.00	38.62 2.27 0.00	35.51 2.13 0.00	35.21 1.97 0.00	32.85 1.88 0.00	46.96 2.41 0.00	81.85 3.20 0.00	80.26 3.37 0.00	109.87 5.00 0.00	56.74 2.60 0.00	49.89 2.56 0.00	50.18 2.81 0.00	41.26 2.41 0.00	34.81 2.09 0.00
CHESTROR_138KV_BK263	65.97	56.52	37.86	47.29	46.31	49.31	55.31	62.46	57.98	44.04	58.77	45.19	37.97	34.93	34.70	32.35	46.42	81.32	79.75	109.15	56.34	49.34	49.57	40.74	34.35

355645	2.16 0.00	1.78 0.00	1.22 0.00	1.61 0.00	1.59 0.00	1.64 0.00	1.83 0.00	2.03 0.00	1.87 0.00	1.53 0.00	1.79 0.00	1.79 0.00	1.62 0.00	1.55 0.00	1.47 0.00	1.38 0.00	1.87 0.00	2.67 0.00	2.85 0.00	4.28 0.00	2.20 0.00	2.01 0.00	2.20 0.00	1.90 0.00	1.63 0.00
CH_MIDHUDSON___DRP 24192	66.02 2.22 0.00	56.54 1.81 0.00	37.90 1.26 0.00	47.33 1.66 0.00	46.36 1.64 0.00	49.38 1.71 0.00	55.40 1.92 0.00	62.57 2.14 0.00	58.12 2.01 0.00	44.18 1.67 0.00	58.94 1.96 0.00	45.32 1.92 0.00	38.06 1.70 0.00	35.02 1.64 0.00	34.78 1.54 0.00	32.48 1.50 0.00	46.53 1.97 0.00	81.33 2.68 0.00	79.70 2.81 0.00	109.10 4.23 0.00	56.37 2.23 0.00	49.50 2.17 0.00	49.72 2.34 0.00	40.83 1.99 0.00	34.44 1.72 0.00
CH_MISC_IPPS 23765	66.49 2.68 0.00	56.94 2.20 0.00	38.15 1.51 0.00	47.65 1.98 0.00	46.67 1.95 0.00	49.71 2.04 0.00	55.78 2.30 0.00	63.00 2.57 0.00	58.50 2.39 0.00	44.46 1.95 0.00	59.31 2.33 0.00	45.60 2.20 0.00	38.30 1.95 0.00	35.23 1.85 0.00	35.01 1.78 0.00	32.67 1.69 0.00	46.87 2.31 0.00	82.01 3.36 0.00	80.41 3.52 0.00	110.02 5.15 0.00	56.82 2.67 0.00	49.84 2.51 0.00	50.04 2.66 0.00	41.09 2.25 0.00	34.64 1.92 0.00
CH_RES_BVR_FALLS 23983	64.27 0.47 0.00	55.13 0.39 0.00	36.93 0.29 0.00	46.00 0.32 0.00	45.01 0.30 0.00	47.79 0.12 0.00	53.23 -0.25 0.00	60.23 -0.20 0.00	56.33 0.22 0.00	42.81 0.30 0.00	57.49 0.51 0.00	43.68 0.28 0.00	36.57 0.21 0.00	33.47 0.09 0.00	33.33 0.09 0.00	31.06 0.08 0.00	44.70 0.15 0.00	79.08 0.43 0.00	77.44 0.55 0.00	105.25 0.39 0.00	54.23 0.09 0.00	47.24 -0.09 0.00	47.25 -0.13 0.00	38.60 -0.24 0.00	32.39 -0.33 0.00
CH_RES_NIAGARA 23895	61.67 -2.14 0.00	53.47 -1.27 0.00	35.20 -1.44 0.00	44.02 -1.66 0.00	42.76 -1.96 0.00	45.40 -2.28 0.00	50.55 -2.93 0.00	56.38 -4.05 0.00	51.79 -4.32 0.00	39.48 -3.04 0.00	54.44 -2.54 0.00	40.98 -2.42 0.00	34.47 -1.89 0.00	31.16 -2.22 0.00	31.20 -2.04 0.00	28.49 -2.48 0.00	41.14 -3.41 0.00	72.72 -5.93 0.00	69.55 -7.34 0.00	93.76 -11.11 0.00	48.43 -5.72 0.00	42.16 -5.18 0.00	42.44 -4.94 0.00	35.27 -3.57 0.00	29.49 -3.23 0.00
CH_RES_SYRACUSE 23985	63.01 -0.80 0.00	54.08 -0.66 0.00	36.16 -0.49 0.00	45.11 -0.57 0.00	44.19 -0.53 0.00	47.10 -0.57 0.00	52.85 -0.63 0.00	59.70 -0.73 0.00	55.24 -0.87 0.00	41.79 -0.72 0.00	55.93 -1.05 0.00	42.53 -0.87 0.00	35.72 -0.63 0.00	32.79 -0.59 0.00	32.64 -0.60 0.00	30.42 -0.55 0.00	43.88 -0.67 0.00	77.72 -0.93 0.00	75.93 -0.96 0.00	103.48 -1.39 0.00	53.45 -0.70 0.00	46.70 -0.63 0.00	46.69 -0.69 0.00	38.29 -0.55 0.00	32.21 -0.51 0.00
CLINTON_WT_PWR 323605	65.30 1.50 0.00	55.98 1.24 0.00	37.61 0.97 0.00	46.84 1.17 0.00	45.85 1.14 0.00	48.91 1.24 0.00	54.83 1.35 0.00	61.87 1.44 0.00	57.61 1.51 0.00	43.71 1.20 0.00	58.83 1.85 0.00	44.59 1.19 0.00	37.28 0.92 0.00	34.10 0.71 0.00	33.90 0.66 0.00	31.49 0.51 0.00	45.18 0.62 0.00	80.29 1.64 0.00	78.68 1.79 0.00	107.08 2.20 0.00	55.03 0.89 0.00	47.78 0.44 0.00	47.71 0.33 0.00	39.15 0.31 0.00	32.95 0.23 0.00
CLINTON___LFGE 323618	66.36 2.55 0.00	56.82 2.08 0.00	38.20 1.56 0.00	47.52 1.85 0.00	46.50 1.78 0.00	49.63 1.96 0.00	55.74 2.26 0.00	62.87 2.44 0.00	58.58 2.47 0.00	44.41 1.90 0.00	59.86 2.88 0.00	45.30 1.90 0.00	37.89 1.54 0.00	34.66 1.27 0.00	34.44 1.20 0.00	31.88 0.90 0.00	45.66 1.10 0.00	81.29 2.64 0.00	79.77 2.88 0.00	108.67 3.80 0.00	55.80 1.65 0.00	48.63 1.29 0.00	48.27 0.89 0.00	39.64 0.80 0.00	33.37 0.65 0.00
COBBLENY_34_KV_TB1 80064	63.00 -0.80 0.00	54.53 -0.21 0.00	36.15 -0.49 0.00	45.26 -0.42 0.00	44.40 -0.32 0.00	47.09 -0.58 0.00	52.59 -0.89 0.00	58.88 -1.55 0.00	54.04 -2.06 0.00	41.24 -1.27 0.00	56.54 -0.44 0.00	42.64 -0.77 0.00	35.82 -0.53 0.00	32.39 -1.00 0.00	32.35 -0.89 0.00	29.62 -1.36 0.00	42.80 -1.75 0.00	76.02 -2.63 0.00	73.06 -3.83 0.00	98.97 -5.90 0.00	50.95 -3.19 0.00	44.24 -3.10 0.00	44.30 -3.08 0.00	36.76 -2.09 0.00	30.69 -2.03 0.00
COFFEEN___115KV_TB3 355620	65.30 1.50 0.00	56.02 1.28 0.00	37.48 0.84 0.00	46.82 1.15 0.00	45.93 1.22 0.00	48.90 1.23 0.00	54.31 0.83 0.00	61.17 0.74 0.00	57.09 0.99 0.00	43.33 0.81 0.00	57.43 0.45 0.00	42.51 -0.89 0.00	35.30 -1.06 0.00	32.17 -1.22 0.00	31.86 -1.37 0.00	29.85 -1.13 0.00	43.75 -0.81 0.00	80.64 1.99 0.00	79.78 2.88 0.00	108.46 3.59 0.00	55.56 1.42 0.00	48.22 0.89 0.00	48.35 0.97 0.00	38.95 0.11 0.00	32.44 -0.27 0.00
COLDSPRG_115KV_BK1 355956	64.72 0.91 0.00	55.99 1.24 0.00	37.17 0.53 0.00	46.52 0.85 0.00	45.68 0.96 0.00	48.38 0.70 0.00	54.17 0.69 0.00	60.90 0.47 0.00	55.74 -0.37 0.00	42.63 0.12 0.00	58.08 1.09 0.00	43.86 0.46 0.00	36.74 0.39 0.00	33.30 -0.09 0.00	33.18 -0.06 0.00	30.44 -0.54 0.00	43.96 -0.59 0.00	78.28 -0.37 0.00	75.50 -1.40 0.00	102.45 -2.42 0.00	52.54 -1.60 0.00	45.32 -2.01 0.00	45.25 -2.13 0.00	37.46 -1.38 0.00	31.28 -1.44 0.00
COLONIE_LFGE___ 323577	64.39 0.59 0.00	55.23 0.49 0.00	37.00 0.35 0.00	45.94 0.26 0.00	44.89 0.17 0.00	48.03 0.36 0.00	54.30 0.82 0.00	61.59 1.15 0.00	57.15 1.04 0.00	43.10 0.59 0.00	57.54 0.56 0.00	43.98 0.58 0.00	36.67 0.31 0.00	33.78 0.40 0.00	33.73 0.49 0.00	31.74 0.76 0.00	45.50 0.94 0.00	79.85 1.20 0.00	78.05 1.16 0.00	107.04 2.17 0.00	55.34 1.19 0.00	48.70 1.37 0.00	48.57 1.20 0.00	39.77 0.92 0.00	33.71 0.99 0.00
COOPERNY_115KV_TB1 80082	65.48 1.67 0.00	56.12 1.38 0.00	37.57 0.94 0.00	46.91 1.24 0.00	45.95 1.23 0.00	48.95 1.28 0.00	54.93 1.45 0.00	62.03 1.60 0.00	57.56 1.45 0.00	43.69 1.18 0.00	58.33 1.35 0.00	44.73 1.33 0.00	37.55 1.20 0.00	34.54 1.16 0.00	34.33 1.09 0.00	31.99 1.01 0.00	45.96 1.40 0.00	80.70 2.04 0.00	78.99 2.10 0.00	108.05 3.18 0.00	55.82 1.68 0.00	48.86 1.53 0.00	49.04 1.66 0.00	40.28 1.44 0.00	33.94 1.22 0.00
COPENHAGEN_WT_PWR 323753	64.68 0.88 0.00	55.54 0.80 0.00	37.18 0.53 0.00	46.45 0.78 0.00	45.57 0.85 0.00	48.47 0.80 0.00	53.70 0.22 0.00	60.36 -0.07 0.00	56.41 0.30 0.00	42.91 0.39 0.00	56.99 0.01 0.00	42.29 -1.11 0.00	35.21 -1.15 0.00	32.12 -1.26 0.00	31.80 -1.44 0.00	29.84 -1.14 0.00	43.76 -0.80 0.00	80.02 1.37 0.00	78.93 2.04 0.00	107.15 2.28 0.00	54.86 0.72 0.00	47.61 0.28 0.00	47.82 0.45 0.00	38.43 -0.41 0.00	31.99 -0.73 0.00
CORNELL____ 23752	64.74 0.94 0.00	55.55 0.81 0.00	37.13 0.49 0.00	46.30 0.63 0.00	45.44 0.72 0.00	48.36 0.68 0.00	54.29 0.81 0.00	61.35 0.92 0.00	56.76 0.65 0.00	42.76 0.25 0.00	56.97 -0.01 0.00	43.22 -0.18 0.00	36.18 -0.18 0.00	33.18 -0.21 0.00	33.10 -0.14 0.00	30.76 -0.21 0.00	44.68 0.12 0.00	79.63 0.98 0.00	77.98 1.08 0.00	106.29 1.42 0.00	54.96 0.82 0.00	47.94 0.61 0.00	47.85 0.48 0.00	39.23 0.39 0.00	32.95 0.23 0.00
CORONAAV_69_KV_TB1	65.97	56.57	38.00	47.61	46.66	49.62	55.51	62.43	58.03	44.19	59.18	45.81	38.56	35.42	34.99	32.71	46.65	81.21	79.63	109.52	56.70	49.77	50.01	40.97	34.68

355595	2.16 0.00	1.83 0.00	1.36 0.00	1.93 0.00	1.94 0.00	1.95 0.00	2.03 0.00	2.00 0.00	1.93 0.00	1.68 0.00	2.20 0.00	2.40 0.00	2.21 0.00	2.04 0.00	1.75 0.00	1.73 0.00	2.10 0.00	2.56 0.00	2.74 0.00	4.64 0.00	2.56 0.00	2.44 0.00	2.64 0.00	2.12 0.00	1.96 0.00
CORTLAND_115KV_TB3 80093	64.10 0.30 0.00	55.02 0.27 0.00	36.77 0.14 0.00	45.88 0.20 0.00	44.98 0.26 0.00	47.91 0.24 0.00	53.81 0.32 0.00	60.80 0.37 0.00	56.31 0.21 0.00	42.55 0.04 0.00	56.87 -0.11 0.00	43.18 -0.22 0.00	36.19 -0.17 0.00	33.22 -0.16 0.00	33.08 -0.16 0.00	30.80 -0.18 0.00	44.52 -0.03 0.00	79.00 0.34 0.00	77.27 0.38 0.00	105.44 0.57 0.00	54.47 0.33 0.00	47.57 0.23 0.00	47.54 0.16 0.00	38.97 0.12 0.00	32.76 0.04 0.00
COXSACKIE___GT 23611	66.55 2.75 0.00	57.00 2.26 0.00	38.14 1.50 0.00	47.42 1.74 0.00	46.38 1.67 0.00	49.58 1.91 0.00	56.02 2.54 0.00	63.58 3.15 0.00	59.09 2.98 0.00	44.11 1.60 0.00	58.49 1.51 0.00	44.68 1.28 0.00	37.57 1.21 0.00	34.15 0.77 0.00	34.04 0.81 0.00	32.05 1.08 0.00	46.33 1.78 0.00	82.69 4.04 0.00	81.47 4.57 0.00	111.45 6.58 0.00	57.49 3.34 0.00	50.37 3.04 0.00	50.17 2.79 0.00	41.01 2.17 0.00	34.61 1.89 0.00
CPV_VALLEY___CC1 323721	65.87 2.06 0.00	56.44 1.70 0.00	37.82 1.18 0.00	47.24 1.57 0.00	46.26 1.55 0.00	49.26 1.59 0.00	55.25 1.77 0.00	62.37 1.94 0.00	57.89 1.79 0.00	44.01 1.50 0.00	58.74 1.75 0.00	45.20 1.80 0.00	38.00 1.64 0.00	34.95 1.57 0.00	34.70 1.46 0.00	32.35 1.37 0.00	46.39 1.83 0.00	81.19 2.53 0.00	79.61 2.72 0.00	108.99 4.12 0.00	56.25 2.11 0.00	49.27 1.94 0.00	49.52 2.14 0.00	40.71 1.87 0.00	34.33 1.61 0.00
CPV_VALLEY___CC2 323722	65.87 2.06 0.00	56.44 1.70 0.00	37.82 1.18 0.00	47.24 1.57 0.00	46.26 1.55 0.00	49.26 1.59 0.00	55.25 1.77 0.00	62.37 1.94 0.00	57.89 1.79 0.00	44.01 1.50 0.00	58.74 1.75 0.00	45.20 1.80 0.00	38.00 1.64 0.00	34.95 1.57 0.00	34.70 1.46 0.00	32.35 1.37 0.00	46.39 1.83 0.00	81.19 2.53 0.00	79.61 2.72 0.00	108.99 4.12 0.00	56.25 2.11 0.00	49.27 1.94 0.00	49.52 2.14 0.00	40.71 1.87 0.00	34.33 1.61 0.00
CRESCENT___HYD 24018	64.39 0.59 0.00	55.23 0.49 0.00	37.00 0.35 0.00	45.94 0.26 0.00	44.89 0.17 0.00	48.03 0.36 0.00	54.30 0.82 0.00	61.59 1.15 0.00	57.15 1.04 0.00	43.10 0.59 0.00	57.54 0.56 0.00	43.98 0.58 0.00	36.67 0.31 0.00	33.78 0.40 0.00	33.73 0.49 0.00	31.74 0.76 0.00	45.50 0.94 0.00	79.85 1.20 0.00	78.05 1.16 0.00	107.04 2.17 0.00	55.34 1.19 0.00	48.70 1.37 0.00	48.57 1.20 0.00	39.77 0.92 0.00	33.71 0.99 0.00
CRICKET___VALLEY_CC1 323756	65.27 1.47 0.00	55.89 1.15 0.00	37.49 0.85 0.00	46.83 1.15 0.00	45.85 1.14 0.00	48.84 1.17 0.00	54.76 1.28 0.00	61.81 1.38 0.00	57.43 1.33 0.00	43.70 1.19 0.00	58.28 1.30 0.00	44.89 1.48 0.00	37.73 1.38 0.00	34.71 1.32 0.00	34.45 1.21 0.00	32.16 1.19 0.00	46.02 1.47 0.00	80.28 1.63 0.00	78.66 1.77 0.00	107.72 2.84 0.00	55.65 1.51 0.00	48.91 1.58 0.00	49.18 1.80 0.00	40.40 1.56 0.00	34.09 1.37 0.00
CRICKET___VALLEY_CC2 323757	65.27 1.47 0.00	55.89 1.15 0.00	37.49 0.85 0.00	46.83 1.15 0.00	45.85 1.14 0.00	48.84 1.17 0.00	54.76 1.28 0.00	61.81 1.38 0.00	57.43 1.33 0.00	43.70 1.19 0.00	58.28 1.30 0.00	44.89 1.48 0.00	37.73 1.38 0.00	34.71 1.32 0.00	34.45 1.21 0.00	32.16 1.19 0.00	46.02 1.47 0.00	80.28 1.63 0.00	78.66 1.77 0.00	107.72 2.84 0.00	55.65 1.51 0.00	48.91 1.58 0.00	49.18 1.80 0.00	40.40 1.56 0.00	34.09 1.37 0.00
CRICKET___VALLEY_CC3 323758	65.27 1.47 0.00	55.89 1.15 0.00	37.49 0.85 0.00	46.83 1.15 0.00	45.85 1.14 0.00	48.84 1.17 0.00	54.76 1.28 0.00	61.81 1.38 0.00	57.43 1.33 0.00	43.70 1.19 0.00	58.28 1.30 0.00	44.89 1.48 0.00	37.73 1.38 0.00	34.71 1.32 0.00	34.45 1.21 0.00	32.16 1.19 0.00	46.02 1.47 0.00	80.28 1.63 0.00	78.66 1.77 0.00	107.72 2.84 0.00	55.65 1.51 0.00	48.91 1.58 0.00	49.18 1.80 0.00	40.40 1.56 0.00	34.09 1.37 0.00
CRUCIBLE_METL_DRP 24180	63.01 -0.80 0.00	54.08 -0.66 0.00	36.16 -0.49 0.00	45.11 -0.57 0.00	44.19 -0.53 0.00	47.10 -0.57 0.00	52.85 -0.63 0.00	59.69 -0.74 0.00	55.24 -0.86 0.00	41.79 -0.72 0.00	55.93 -1.05 0.00	42.53 -0.87 0.00	35.72 -0.63 0.00	32.79 -0.59 0.00	32.64 -0.60 0.00	30.42 -0.55 0.00	43.88 -0.67 0.00	77.72 -0.93 0.00	75.92 -0.97 0.00	103.49 -1.39 0.00	53.45 -0.70 0.00	46.70 -0.63 0.00	46.69 -0.69 0.00	38.29 -0.55 0.00	32.21 -0.51 0.00
DAHOWA___HYDRO 323763	65.34 1.53 0.00	56.01 1.27 0.00	37.54 0.89 0.00	46.59 0.92 0.00	45.56 0.84 0.00	48.80 1.13 0.00	55.22 1.74 0.00	62.52 2.09 0.00	57.95 1.85 0.00	43.47 0.95 0.00	58.13 1.16 0.00	44.53 1.13 0.00	36.95 0.59 0.00	33.99 0.61 0.00	33.84 0.60 0.00	31.80 0.83 0.00	45.85 1.30 0.00	81.11 2.46 0.00	79.40 2.51 0.00	108.89 4.02 0.00	56.30 2.16 0.00	49.48 2.14 0.00	49.22 1.85 0.00	40.25 1.41 0.00	34.15 1.43 0.00
DANC___LFGE 323619	63.75 -0.05 0.00	54.72 -0.02 0.00	36.62 -0.03 0.00	45.71 0.03 0.00	44.82 0.10 0.00	47.71 0.04 0.00	53.13 -0.35 0.00	59.75 -0.68 0.00	55.68 -0.42 0.00	42.29 -0.22 0.00	56.33 -0.65 0.00	42.20 -1.20 0.00	35.22 -1.13 0.00	32.19 -1.20 0.00	31.93 -1.31 0.00	29.89 -1.09 0.00	43.54 -1.02 0.00	78.77 0.11 0.00	77.36 0.47 0.00	105.22 0.35 0.00	54.03 -0.11 0.00	47.03 -0.31 0.00	47.18 -0.20 0.00	38.20 -0.64 0.00	31.93 -0.79 0.00
DANSKAMMER___1 23586	66.49 2.68 0.00	56.94 2.20 0.00	38.15 1.51 0.00	47.65 1.98 0.00	46.67 1.95 0.00	49.71 2.04 0.00	55.78 2.30 0.00	63.00 2.57 0.00	58.50 2.39 0.00	44.46 1.95 0.00	59.31 2.33 0.00	45.60 2.20 0.00	38.30 1.95 0.00	35.23 1.85 0.00	35.01 1.78 0.00	32.67 1.69 0.00	46.87 2.31 0.00	82.01 3.36 0.00	80.41 3.52 0.00	110.02 5.15 0.00	56.82 2.67 0.00	49.84 2.51 0.00	50.04 2.66 0.00	41.09 2.25 0.00	34.64 1.92 0.00
DANSKAMMER___2 23589	66.49 2.68 0.00	56.94 2.20 0.00	38.15 1.51 0.00	47.65 1.98 0.00	46.67 1.95 0.00	49.71 2.04 0.00	55.78 2.30 0.00	63.00 2.57 0.00	58.50 2.39 0.00	44.46 1.95 0.00	59.31 2.33 0.00	45.60 2.20 0.00	38.30 1.95 0.00	35.23 1.85 0.00	35.01 1.78 0.00	32.67 1.69 0.00	46.87 2.31 0.00	82.01 3.36 0.00	80.41 3.52 0.00	110.02 5.15 0.00	56.82 2.67 0.00	49.84 2.51 0.00	50.04 2.66 0.00	41.09 2.25 0.00	34.64 1.92 0.00
DANSKAMMER___3 23590	66.49 2.68 0.00	56.94 2.20 0.00	38.15 1.51 0.00	47.65 1.98 0.00	46.67 1.95 0.00	49.71 2.04 0.00	55.78 2.30 0.00	63.00 2.57 0.00	58.50 2.39 0.00	44.46 1.95 0.00	59.31 2.33 0.00	45.60 2.20 0.00	38.30 1.95 0.00	35.23 1.85 0.00	35.01 1.78 0.00	32.67 1.69 0.00	46.87 2.31 0.00	82.01 3.36 0.00	80.41 3.52 0.00	110.02 5.15 0.00	56.82 2.67 0.00	49.84 2.51 0.00	50.04 2.66 0.00	41.09 2.25 0.00	34.64 1.92 0.00
DANSKAMMER___4	66.49	56.94	38.15	47.65	46.67	49.71	55.78	63.00	58.50	44.46	59.31	45.60	38.30	35.23	35.01	32.67	46.87	82.01	80.41	110.02	56.82	49.84	50.04	41.09	34.64

23591	2.68 0.00	2.20 0.00	1.51 0.00	1.98 0.00	1.95 0.00	2.04 0.00	2.30 0.00	2.57 0.00	2.39 0.00	1.95 0.00	2.33 0.00	2.20 0.00	1.95 0.00	1.85 0.00	1.78 0.00	1.69 0.00	2.31 0.00	3.36 0.00	3.52 0.00	5.15 0.00	2.67 0.00	2.51 0.00	2.66 0.00	2.25 0.00	1.92 0.00
DANSKAMMER___DIESEL 23592	66.49 2.69 0.00	56.93 2.19 0.00	38.15 1.51 0.00	47.65 1.98 0.00	46.67 1.95 0.00	49.71 2.04 0.00	55.78 2.30 0.00	63.00 2.57 0.00	58.50 2.40 0.00	44.46 1.94 0.00	59.31 2.32 0.00	45.60 2.20 0.00	38.30 1.94 0.00	35.23 1.85 0.00	35.01 1.78 0.00	32.67 1.70 0.00	46.87 2.32 0.00	82.02 3.36 0.00	80.41 3.52 0.00	110.02 5.15 0.00	56.82 2.67 0.00	49.84 2.51 0.00	50.04 2.66 0.00	41.10 2.26 0.00	34.64 1.92 0.00
DARBY___SOLAR 323810	65.17 1.37 0.00	55.88 1.14 0.00	37.43 0.80 0.00	46.49 0.81 0.00	45.46 0.74 0.00	48.68 1.01 0.00	55.06 1.58 0.00	62.33 1.90 0.00	57.76 1.65 0.00	43.35 0.84 0.00	58.02 1.04 0.00	44.40 1.00 0.00	36.87 0.52 0.00	33.94 0.55 0.00	33.77 0.54 0.00	31.75 0.77 0.00	45.74 1.18 0.00	80.84 2.18 0.00	79.09 2.21 0.00	108.49 3.62 0.00	56.08 1.94 0.00	49.29 1.96 0.00	49.07 1.70 0.00	40.13 1.29 0.00	34.03 1.31 0.00
DASHVILLE___HYD 23610	65.52 1.71 0.00	56.11 1.37 0.00	37.60 0.96 0.00	46.92 1.24 0.00	45.94 1.22 0.00	48.95 1.28 0.00	54.97 1.49 0.00	62.13 1.69 0.00	57.71 1.61 0.00	43.80 1.29 0.00	58.42 1.44 0.00	44.80 1.40 0.00	37.58 1.22 0.00	34.59 1.21 0.00	34.38 1.15 0.00	32.11 1.14 0.00	46.07 1.51 0.00	80.76 2.11 0.00	79.13 2.24 0.00	108.29 3.42 0.00	55.96 1.82 0.00	49.13 1.79 0.00	49.27 1.89 0.00	40.42 1.58 0.00	34.09 1.37 0.00
DELAWARE___LFGE 323621	65.16 1.36 0.00	55.88 1.14 0.00	37.39 0.75 0.00	46.67 1.00 0.00	45.72 1.00 0.00	48.74 1.07 0.00	54.71 1.22 0.00	61.83 1.40 0.00	57.37 1.26 0.00	43.49 0.97 0.00	58.17 1.19 0.00	44.44 1.04 0.00	37.22 0.87 0.00	34.22 0.84 0.00	34.02 0.78 0.00	31.66 0.68 0.00	45.64 1.08 0.00	80.38 1.73 0.00	78.51 1.62 0.00	107.23 2.36 0.00	55.42 1.28 0.00	48.48 1.15 0.00	48.54 1.16 0.00	39.79 0.94 0.00	33.48 0.76 0.00
DERFIELD_115KV_TB7 355931	63.80 -0.01 0.00	54.73 0.00 0.00	36.64 0.00 0.00	45.67 0.00 0.00	44.71 -0.01 0.00	47.65 -0.02 0.00	53.48 0.00 0.00	60.48 0.05 0.00	56.14 0.03 0.00	42.51 0.00 0.00	56.95 -0.03 0.00	43.40 0.00 0.00	36.33 -0.02 0.00	33.39 0.00 0.00	33.24 0.00 0.00	31.01 0.03 0.00	44.63 0.08 0.00	78.71 0.06 0.00	76.96 0.07 0.00	105.06 0.19 0.00	54.25 0.11 0.00	47.49 0.16 0.00	47.53 0.15 0.00	38.96 0.12 0.00	32.82 0.10 0.00
DOGLEVILLE___HYD 23807	66.24 2.43 0.00	56.96 2.22 0.00	38.19 1.55 0.00	47.48 1.80 0.00	46.46 1.74 0.00	49.64 1.97 0.00	56.12 2.64 0.00	63.68 3.25 0.00	58.40 2.29 0.00	43.52 1.00 0.00	58.65 1.67 0.00	44.60 1.20 0.00	36.73 0.38 0.00	33.85 0.47 0.00	33.49 0.26 0.00	31.48 0.50 0.00	46.11 1.56 0.00	82.71 4.06 0.00	81.26 4.37 0.00	111.38 6.51 0.00	57.63 3.49 0.00	50.62 3.29 0.00	50.48 3.10 0.00	41.15 2.31 0.00	34.69 1.97 0.00
DUNKIRK___115KV_TB_200 55889	63.58 -0.22 0.00	55.00 0.26 0.00	36.48 -0.16 0.00	45.65 -0.03 0.00	44.83 0.12 0.00	47.48 -0.19 0.00	53.09 -0.39 0.00	59.59 -0.84 0.00	54.56 -1.55 0.00	41.72 -0.79 0.00	56.97 -0.01 0.00	43.01 -0.39 0.00	36.05 -0.30 0.00	32.68 -0.71 0.00	32.58 -0.66 0.00	29.88 -1.09 0.00	43.13 -1.42 0.00	76.60 -2.05 0.00	73.74 -3.16 0.00	99.96 -4.91 0.00	51.35 -2.79 0.00	44.22 -3.11 0.00	44.13 -3.25 0.00	36.65 -2.20 0.00	30.61 -2.11 0.00
DUNKIRK___1 23563	63.58 -0.22 0.00	55.00 0.26 0.00	36.48 -0.16 0.00	45.65 -0.03 0.00	44.83 0.12 0.00	47.48 -0.19 0.00	53.09 -0.39 0.00	59.59 -0.84 0.00	54.56 -1.55 0.00	41.72 -0.79 0.00	56.97 -0.01 0.00	43.01 -0.39 0.00	36.05 -0.30 0.00	32.68 -0.71 0.00	32.58 -0.66 0.00	29.88 -1.09 0.00	43.13 -1.42 0.00	76.60 -2.05 0.00	73.74 -3.16 0.00	99.96 -4.91 0.00	51.35 -2.79 0.00	44.22 -3.11 0.00	44.13 -3.25 0.00	36.65 -2.20 0.00	30.61 -2.11 0.00
DUNKIRK___2 23564	63.58 -0.22 0.00	55.00 0.26 0.00	36.48 -0.16 0.00	45.65 -0.03 0.00	44.83 0.12 0.00	47.48 -0.19 0.00	53.09 -0.39 0.00	59.59 -0.84 0.00	54.56 -1.55 0.00	41.72 -0.79 0.00	56.97 -0.01 0.00	43.01 -0.39 0.00	36.05 -0.30 0.00	32.68 -0.71 0.00	32.58 -0.66 0.00	29.88 -1.09 0.00	43.13 -1.42 0.00	76.60 -2.05 0.00	73.74 -3.16 0.00	99.96 -4.91 0.00	51.35 -2.79 0.00	44.22 -3.11 0.00	44.13 -3.25 0.00	36.65 -2.20 0.00	30.61 -2.11 0.00
DUNKIRK___3 23565	63.24 -0.57 0.00	54.72 -0.02 0.00	36.28 -0.36 0.00	45.41 -0.27 0.00	44.59 -0.13 0.00	47.23 -0.44 0.00	52.81 -0.67 0.00	59.24 -1.20 0.00	54.25 -1.85 0.00	41.45 -1.06 0.00	56.64 -0.34 0.00	42.80 -0.60 0.00	35.91 -0.45 0.00	32.53 -0.86 0.00	32.44 -0.79 0.00	29.76 -1.22 0.00	42.94 -1.62 0.00	76.21 -2.44 0.00	73.32 -3.57 0.00	99.43 -5.44 0.00	51.15 -3.00 0.00	44.17 -3.16 0.00	44.14 -3.24 0.00	36.65 -2.19 0.00	30.63 -2.09 0.00
DUNKIRK___4 23566	63.24 -0.57 0.00	54.72 -0.02 0.00	36.28 -0.36 0.00	45.41 -0.27 0.00	44.59 -0.13 0.00	47.23 -0.44 0.00	52.81 -0.67 0.00	59.24 -1.20 0.00	54.25 -1.85 0.00	41.45 -1.06 0.00	56.64 -0.34 0.00	42.80 -0.60 0.00	35.91 -0.45 0.00	32.53 -0.86 0.00	32.44 -0.79 0.00	29.76 -1.22 0.00	42.94 -1.62 0.00	76.21 -2.44 0.00	73.32 -3.57 0.00	99.43 -5.44 0.00	51.15 -3.00 0.00	44.17 -3.16 0.00	44.14 -3.24 0.00	36.65 -2.19 0.00	30.63 -2.09 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	66.04 2.24 0.00	56.53 1.79 0.00	37.93 1.29 0.00	47.40 1.72 0.00	46.44 1.72 0.00	49.44 1.77 0.00	55.38 1.90 0.00	62.46 2.02 0.00	58.04 1.93 0.00	44.23 1.72 0.00	59.03 2.05 0.00	45.54 2.14 0.00	38.31 1.95 0.00	35.24 1.85 0.00	34.95 1.71 0.00	32.63 1.65 0.00	46.65 2.10 0.00	81.33 2.68 0.00	79.73 2.84 0.00	109.19 4.32 0.00	56.39 2.25 0.00	49.54 2.20 0.00	49.82 2.44 0.00	40.94 2.10 0.00	34.56 1.83 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	66.23 2.43 0.00	56.73 1.99 0.00	38.01 1.37 0.00	47.47 1.79 0.00	46.50 1.78 0.00	49.52 1.85 0.00	55.55 2.07 0.00	62.74 2.30 0.00	58.24 2.13 0.00	44.25 1.74 0.00	59.02 2.04 0.00	45.39 1.99 0.00	38.13 1.77 0.00	35.08 1.69 0.00	34.85 1.62 0.00	32.51 1.53 0.00	46.65 2.10 0.00	81.72 3.07 0.00	80.14 3.25 0.00	109.70 4.82 0.00	56.63 2.48 0.00	49.59 2.26 0.00	49.83 2.45 0.00	40.94 2.10 0.00	34.51 1.79 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	65.75 1.95 0.01	56.21 1.48 0.01	37.60 0.97 0.01	46.91 1.24 0.01	45.94 1.23 0.01	48.92 1.26 0.01	55.28 1.80 0.00	62.63 2.20 0.00	58.29 2.18 0.00	44.45 1.93 0.00	59.16 2.17 0.00	45.73 2.33 0.00	38.47 2.12 0.00	35.38 1.99 0.00	35.07 1.83 0.00	32.70 1.72 0.00	46.68 2.12 0.00	81.26 2.61 0.00	79.86 2.97 0.00	109.39 4.52 0.00	56.52 2.37 0.00	49.79 2.46 0.00	50.13 2.75 0.00	41.21 2.37 0.00	34.77 2.05 0.00
E179THST_13_KV_LOAD	66.02	56.42	37.72	47.07	46.09	49.09	55.48	62.85	58.50	44.61	59.38	45.92	38.64	35.53	35.22	32.84	46.88	81.62	80.23	109.86	56.75	50.01	50.35	41.38	34.90

356214	2.22 0.01	1.69 0.01	1.09 0.01	1.41 0.01	1.38 0.01	1.42 0.01	2.00 0.00	2.42 0.00	2.39 0.00	2.10 0.00	2.40 0.00	2.52 0.00	2.28 0.00	2.15 0.00	1.98 0.00	1.86 0.00	2.33 0.00	2.97 0.00	3.34 0.00	4.99 0.00	2.60 0.00	2.67 0.00	2.97 0.00	2.54 0.00	2.18 0.00
EAST HAMPTON___GT 23717	31.81 -2.07 29.92	4.42 -1.32 49.00	22.06 -0.22 14.36	45.96 0.28 0.00	43.70 0.72 1.74	48.29 0.62 0.00	53.91 0.43 0.00	60.47 0.05 0.00	56.49 0.58 0.20	37.23 0.56 5.85	-123.69 1.97 182.64	-400.14 2.33 445.87	17.92 1.82 20.25	35.11 1.78 0.05	29.99 1.37 4.62	32.54 1.56 0.00	42.84 1.74 3.45	50.96 2.01 29.70	70.30 2.91 9.49	107.43 4.95 2.39	49.85 2.68 6.97	50.15 2.82 0.00	50.35 2.98 0.00	37.31 2.27 3.80	34.78 2.07 0.01
EAST RIVER___6 23660	66.18 2.38 0.00	56.60 1.86 0.00	37.98 1.34 0.00	47.47 1.79 0.00	46.48 1.77 0.00	49.47 1.80 0.00	55.45 1.97 0.00	62.53 2.10 0.00	58.18 2.07 0.00	44.39 1.88 0.00	59.21 2.23 0.00	45.74 2.34 0.00	38.52 2.17 0.00	35.41 2.03 0.00	35.12 1.88 0.00	32.76 1.78 0.00	46.83 2.28 0.00	81.61 2.96 0.00	80.03 3.14 0.00	109.59 4.71 0.00	56.59 2.44 0.00	49.75 2.41 0.00	50.04 2.66 0.00	41.12 2.28 0.00	34.70 1.98 0.00
EAST RIVER___7 23524	66.18 2.38 0.00	56.60 1.86 0.00	37.98 1.34 0.00	47.47 1.79 0.00	46.48 1.77 0.00	49.47 1.80 0.00	55.45 1.97 0.00	62.53 2.10 0.00	58.18 2.07 0.00	44.39 1.88 0.00	59.21 2.23 0.00	45.74 2.34 0.00	38.52 2.17 0.00	35.41 2.03 0.00	35.12 1.88 0.00	32.76 1.78 0.00	46.83 2.28 0.00	81.61 2.96 0.00	80.03 3.14 0.00	109.59 4.71 0.00	56.59 2.44 0.00	49.75 2.41 0.00	50.04 2.66 0.00	41.12 2.28 0.00	34.70 1.98 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	66.03 2.22 0.00	56.55 1.81 0.00	37.93 1.29 0.00	47.38 1.71 0.00	46.41 1.69 0.00	49.41 1.74 0.00	55.37 1.89 0.00	62.47 2.04 0.00	58.04 1.93 0.00	44.18 1.67 0.00	58.98 2.00 0.00	45.46 2.06 0.00	38.23 1.88 0.00	35.16 1.77 0.00	34.89 1.65 0.00	32.55 1.57 0.00	46.57 2.02 0.00	81.28 2.63 0.00	79.69 2.80 0.00	109.12 4.25 0.00	56.36 2.21 0.00	49.49 2.16 0.00	49.76 2.38 0.00	40.90 2.06 0.00	34.51 1.79 0.00
EAST_HAMPTON___DIESEL 23722	31.59 -2.29 29.92	4.26 -1.49 48.99	21.99 -0.30 14.35	45.87 0.20 0.00	43.64 0.66 1.74	48.22 0.55 0.00	53.82 0.34 0.00	60.37 -0.05 0.00	56.41 0.51 0.20	37.19 0.51 5.84	-123.63 1.95 182.57	-399.97 2.33 445.71	17.90 1.79 20.25	35.09 1.76 0.05	29.97 1.36 4.62	32.52 1.54 0.00	42.80 1.70 3.45	50.90 1.94 29.69	70.24 2.84 9.49	107.40 4.92 2.39	49.84 2.67 6.97	50.16 2.82 0.00	50.36 2.99 0.00	37.32 2.28 3.80	34.79 2.07 0.01
EAST_POINT___SOLAR 323840	65.83 2.03 0.00	56.47 1.73 0.00	37.73 1.10 0.00	47.11 1.43 0.00	46.14 1.41 0.00	49.21 1.54 0.00	55.19 1.71 0.00	62.49 2.06 0.00	57.58 1.47 0.00	42.27 -0.24 0.00	57.98 1.00 0.00	43.94 0.54 0.00	36.07 -0.28 0.00	33.05 -0.33 0.00	32.96 -0.27 0.00	30.37 -0.60 0.00	44.77 0.21 0.00	81.27 2.62 0.00	80.03 3.14 0.00	109.29 4.42 0.00	56.32 2.18 0.00	49.19 1.86 0.00	49.08 1.70 0.00	40.11 1.27 0.00	33.59 0.87 0.00
EAST_PULASKI___ESR 323781	62.88 -0.93 0.00	53.97 -0.77 0.00	36.10 -0.54 0.00	45.00 -0.67 0.00	44.10 -0.62 0.00	46.98 -0.69 0.00	52.57 -0.91 0.00	59.23 -1.21 0.00	55.01 -1.09 0.00	41.74 -0.77 0.00	55.71 -1.28 0.00	42.13 -1.28 0.00	35.26 -1.10 0.00	32.29 -1.10 0.00	32.08 -1.16 0.00	29.95 -1.02 0.00	43.36 -1.19 0.00	77.55 -1.10 0.00	75.90 -0.99 0.00	103.40 -1.47 0.00	53.27 -0.88 0.00	46.50 -0.84 0.00	46.58 -0.80 0.00	38.00 -0.85 0.00	31.88 -0.84 0.00
EAST_RIVER___1 323558	66.26 2.46 0.00	56.69 1.95 0.00	38.04 1.40 0.00	47.53 1.86 0.00	46.56 1.85 0.00	49.56 1.89 0.00	55.53 2.05 0.00	62.62 2.19 0.00	58.24 2.13 0.00	44.43 1.91 0.00	59.25 2.27 0.00	45.76 2.36 0.00	38.53 2.18 0.00	35.43 2.04 0.00	35.12 1.88 0.00	32.76 1.78 0.00	46.84 2.29 0.00	81.62 2.97 0.00	80.03 3.14 0.00	109.60 4.73 0.00	56.60 2.46 0.00	49.76 2.42 0.00	50.07 2.70 0.00	41.16 2.31 0.00	34.74 2.02 0.00
EAST_RIVER___2 323559	66.18 2.38 0.00	56.60 1.86 0.00	37.98 1.34 0.00	47.47 1.79 0.00	46.48 1.77 0.00	49.47 1.80 0.00	55.45 1.97 0.00	62.53 2.10 0.00	58.18 2.07 0.00	44.39 1.88 0.00	59.21 2.23 0.00	45.74 2.34 0.00	38.52 2.17 0.00	35.41 2.03 0.00	35.12 1.88 0.00	32.76 1.78 0.00	46.83 2.28 0.00	81.61 2.96 0.00	80.03 3.14 0.00	109.59 4.71 0.00	56.59 2.44 0.00	49.75 2.41 0.00	50.04 2.66 0.00	41.12 2.28 0.00	34.70 1.98 0.00
EAST___DELAWARE_HYD 23607	65.34 1.53 0.00	55.95 1.21 0.00	37.46 0.83 0.00	46.77 1.10 0.00	45.82 1.10 0.00	48.83 1.16 0.00	54.84 1.35 0.00	61.96 1.53 0.00	57.53 1.43 0.00	43.61 1.10 0.00	58.09 1.11 0.00	44.49 1.09 0.00	37.31 0.96 0.00	34.33 0.94 0.00	34.14 0.90 0.00	31.89 0.91 0.00	45.90 1.35 0.00	80.72 2.07 0.00	79.22 2.33 0.00	108.42 3.55 0.00	55.99 1.84 0.00	49.02 1.68 0.00	49.17 1.80 0.00	40.34 1.50 0.00	33.97 1.25 0.00
EIGHT_POINT___WT_PWR 323820	63.86 0.05 0.00	55.08 0.34 0.00	36.63 -0.01 0.00	45.71 0.04 0.00	45.05 0.33 0.00	47.60 -0.07 0.00	53.41 -0.07 0.00	60.00 -0.43 0.00	55.09 -1.02 0.00	41.81 -0.70 0.00	56.50 -0.48 0.00	42.82 -0.58 0.00	35.75 -0.61 0.00	32.35 -1.03 0.00	32.26 -0.98 0.00	29.55 -1.42 0.00	43.05 -1.50 0.00	77.18 -1.47 0.00	74.88 -2.01 0.00	101.16 -3.71 0.00	51.88 -2.26 0.00	44.42 -2.92 0.00	43.95 -3.43 0.00	36.22 -2.62 0.00	30.28 -2.44 0.00
ELBRIDGE_115KV_TB2 80188	62.64 -1.16 0.00	53.76 -0.98 0.00	35.97 -0.67 0.00	44.89 -0.78 0.00	43.98 -0.74 0.00	46.87 -0.80 0.00	52.55 -0.93 0.00	59.40 -1.03 0.00	54.93 -1.18 0.00	41.54 -0.98 0.00	55.62 -1.36 0.00	42.29 -1.11 0.00	35.54 -0.82 0.00	32.62 -0.76 0.00	32.46 -0.77 0.00	30.25 -0.73 0.00	43.63 -0.92 0.00	77.27 -1.39 0.00	75.46 -1.44 0.00	102.80 -2.08 0.00	53.12 -1.03 0.00	46.44 -0.90 0.00	46.44 -0.93 0.00	38.09 -0.75 0.00	32.05 -0.67 0.00
ELEC_TRO_TEK 24086	61.39 1.83 4.25	56.09 1.56 0.20	37.82 1.18 0.00	47.36 1.69 0.00	46.41 1.69 0.00	49.37 1.69 0.00	55.24 1.76 0.00	62.13 1.70 0.00	57.76 1.68 0.03	43.90 1.49 0.10	58.92 1.94 0.00	45.58 2.18 0.00	38.36 2.01 0.00	35.24 1.85 0.00	34.80 1.57 0.00	32.56 1.58 0.00	46.48 1.93 0.00	80.92 2.27 0.00	79.38 2.48 0.00	108.99 4.12 0.00	56.34 2.19 0.00	49.44 2.11 0.00	49.71 2.33 0.00	40.13 1.89 0.60	34.49 1.77 0.00
ELLENBURG_WT_PWR 323604	65.30 1.50 0.00	55.98 1.24 0.00	37.61 0.97 0.00	46.84 1.17 0.00	45.85 1.14 0.00	48.91 1.24 0.00	54.83 1.35 0.00	61.87 1.44 0.00	57.61 1.51 0.00	43.71 1.20 0.00	58.83 1.85 0.00	44.59 1.19 0.00	37.28 0.92 0.00	34.10 0.71 0.00	33.90 0.66 0.00	31.49 0.51 0.00	45.18 0.62 0.00	80.29 1.64 0.00	78.68 1.79 0.00	107.08 2.20 0.00	55.03 0.89 0.00	47.78 0.44 0.00	47.71 0.33 0.00	39.15 0.31 0.00	32.95 0.23 0.00
ELM_ST_23_KV_LD_REV_LBMP_A	62.62	54.24	35.94	45.01	44.15	46.82	52.24	58.43	53.62	40.90	56.13	42.31	35.58	32.18	32.16	29.44	42.52	75.36	72.36	97.93	50.42	43.78	43.88	36.44	30.45

345012	-1.18 0.00	-0.50 0.00	-0.70 0.00	-0.67 0.00	-0.57 0.00	-0.86 0.00	-1.25 0.00	-2.01 0.00	-2.49 0.00	-1.61 0.00	-0.85 0.00	-1.09 0.00	-0.78 0.00	-1.20 0.00	-1.08 0.00	-1.54 0.00	-2.04 0.00	-3.29 0.00	-4.52 0.00	-6.94 0.00	-3.73 0.00	-3.55 0.00	-3.50 0.00	-2.40 0.00	-2.27 0.00
EMPIRE_CC_1 323656	63.48 -0.33 0.00	54.45 -0.29 0.00	36.46 -0.18 0.00	45.30 -0.38 0.00	44.28 -0.45 0.00	47.36 -0.32 0.00	53.54 0.06 0.00	60.64 0.21 0.00	56.37 0.26 0.00	42.59 0.08 0.00	56.74 -0.24 0.00	43.40 0.00 0.00	36.29 -0.07 0.00	33.50 0.12 0.00	33.49 0.25 0.00	31.50 0.52 0.00	44.95 0.40 0.00	78.43 -0.22 0.00	76.70 -0.19 0.00	105.20 0.33 0.00	54.41 0.27 0.00	47.93 0.60 0.00	47.92 0.55 0.00	39.26 0.42 0.00	33.29 0.57 0.00
EMPIRE_CC_2 323658	63.48 -0.33 0.00	54.45 -0.29 0.00	36.46 -0.18 0.00	45.30 -0.38 0.00	44.28 -0.45 0.00	47.36 -0.32 0.00	53.54 0.06 0.00	60.64 0.21 0.00	56.37 0.26 0.00	42.59 0.08 0.00	56.74 -0.24 0.00	43.40 0.00 0.00	36.29 -0.07 0.00	33.50 0.12 0.00	33.49 0.25 0.00	31.50 0.52 0.00	44.95 0.40 0.00	78.43 -0.22 0.00	76.70 -0.19 0.00	105.20 0.33 0.00	54.41 0.27 0.00	47.93 0.60 0.00	47.92 0.55 0.00	39.26 0.42 0.00	33.29 0.57 0.00
ENORWICH_115KV_TB1 80156	67.27 3.47 0.00	57.67 2.93 0.00	38.51 1.87 0.00	48.08 2.41 0.00	47.23 2.51 0.00	50.38 2.71 0.00	56.72 3.24 0.00	64.17 3.74 0.00	59.40 3.29 0.00	44.49 1.98 0.00	59.33 2.35 0.00	44.91 1.51 0.00	37.28 0.93 0.00	34.18 0.80 0.00	33.80 0.56 0.00	31.57 0.59 0.00	46.42 1.86 0.00	83.48 4.83 0.00	81.90 5.01 0.00	111.61 6.74 0.00	57.54 3.40 0.00	49.90 2.56 0.00	49.50 2.12 0.00	40.21 1.36 0.00	33.55 0.83 0.00
ERIE_ST__34_KV_TB1-2 80199	62.99 -0.82 0.00	54.48 -0.26 0.00	36.13 -0.50 0.00	45.22 -0.45 0.00	44.38 -0.34 0.00	47.06 -0.61 0.00	52.56 -0.92 0.00	58.86 -1.58 0.00	54.00 -2.10 0.00	41.21 -1.30 0.00	56.50 -0.48 0.00	42.64 -0.77 0.00	35.83 -0.52 0.00	32.39 -0.99 0.00	32.35 -0.89 0.00	29.63 -1.34 0.00	42.80 -1.75 0.00	75.98 -2.68 0.00	73.06 -3.83 0.00	99.04 -5.83 0.00	51.00 -3.15 0.00	44.31 -3.02 0.00	44.38 -3.00 0.00	36.82 -2.03 0.00	30.75 -1.97 0.00
ERIE_WT_PWR 323693	62.94 -0.87 0.00	54.46 -0.28 0.00	36.10 -0.54 0.00	45.22 -0.46 0.00	44.36 -0.36 0.00	47.03 -0.64 0.00	52.51 -0.97 0.00	58.77 -1.67 0.00	53.93 -2.18 0.00	41.12 -1.39 0.00	56.41 -0.58 0.00	42.54 -0.86 0.00	35.76 -0.60 0.00	32.31 -1.07 0.00	32.27 -0.97 0.00	29.56 -1.42 0.00	42.71 -1.84 0.00	75.80 -2.85 0.00	72.81 -4.08 0.00	98.62 -6.25 0.00	50.76 -3.38 0.00	44.04 -3.29 0.00	44.08 -3.30 0.00	36.60 -2.25 0.00	30.55 -2.17 0.00
ESPRGFLD_115KV_TB1 80157	65.07 1.27 0.00	55.83 1.09 0.00	37.33 0.69 0.00	46.66 0.98 0.00	45.73 1.01 0.00	48.71 1.04 0.00	54.48 1.00 0.00	61.52 1.09 0.00	57.21 1.10 0.00	43.25 0.73 0.00	58.11 1.13 0.00	44.25 0.85 0.00	37.02 0.67 0.00	33.90 0.51 0.00	33.68 0.44 0.00	31.17 0.20 0.00	45.10 0.55 0.00	80.11 1.46 0.00	78.51 1.62 0.00	107.01 2.14 0.00	55.15 1.01 0.00	48.09 0.76 0.00	48.04 0.67 0.00	39.32 0.48 0.00	32.89 0.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	64.58 0.77 0.00	55.43 0.69 0.00	37.05 0.41 0.00	46.21 0.54 0.00	45.33 0.62 0.00	48.26 0.59 0.00	54.18 0.70 0.00	61.23 0.80 0.00	56.65 0.54 0.00	42.70 0.19 0.00	56.92 -0.06 0.00	43.20 -0.21 0.00	36.17 -0.18 0.00	33.18 -0.21 0.00	33.07 -0.16 0.00	30.76 -0.21 0.00	44.64 0.08 0.00	79.51 0.86 0.00	77.83 0.94 0.00	106.10 1.23 0.00	54.84 0.70 0.00	47.86 0.53 0.00	47.78 0.40 0.00	39.16 0.32 0.00	32.89 0.17 0.00
ETNA_____115KV_TB2 80207	64.58 0.77 0.00	55.43 0.69 0.00	37.05 0.41 0.00	46.21 0.54 0.00	45.33 0.62 0.00	48.26 0.59 0.00	54.18 0.70 0.00	61.23 0.80 0.00	56.65 0.54 0.00	42.70 0.19 0.00	56.92 -0.06 0.00	43.20 -0.21 0.00	36.17 -0.18 0.00	33.18 -0.21 0.00	33.07 -0.16 0.00	30.76 -0.21 0.00	44.64 0.08 0.00	79.51 0.86 0.00	77.83 0.94 0.00	106.10 1.23 0.00	54.84 0.70 0.00	47.86 0.53 0.00	47.78 0.40 0.00	39.16 0.32 0.00	32.89 0.17 0.00
EUCLID___115KV_TB2 356179	62.34 -1.46 0.00	53.53 -1.21 0.00	35.79 -0.85 0.00	44.63 -1.05 0.00	43.73 -0.99 0.00	46.60 -1.07 0.00	52.28 -1.20 0.00	59.00 -1.43 0.00	54.67 -1.44 0.00	41.40 -1.11 0.00	55.48 -1.50 0.00	42.19 -1.21 0.00	35.41 -0.95 0.00	32.51 -0.88 0.00	32.37 -0.87 0.00	30.15 -0.83 0.00	43.42 -1.13 0.00	76.82 -1.83 0.00	74.99 -1.91 0.00	102.25 -2.63 0.00	52.79 -1.35 0.00	46.15 -1.18 0.00	46.17 -1.21 0.00	37.86 -0.98 0.00	31.85 -0.87 0.00
E_CANADA_CAP_HY 24051	64.59 0.78 0.00	55.45 0.71 0.00	37.08 0.44 0.00	46.32 0.65 0.00	45.35 0.63 0.00	48.34 0.67 0.00	54.05 0.57 0.00	61.08 0.65 0.00	56.75 0.65 0.00	42.59 0.07 0.00	57.49 0.51 0.00	43.74 0.34 0.00	36.43 0.08 0.00	33.34 -0.05 0.00	33.15 -0.09 0.00	30.68 -0.29 0.00	44.47 -0.09 0.00	79.42 0.77 0.00	78.02 1.13 0.00	106.39 1.52 0.00	54.82 0.68 0.00	47.91 0.58 0.00	47.88 0.50 0.00	39.16 0.32 0.00	32.77 0.05 0.00
E_CANADA_MHWK_HY 24050	66.24 2.43 0.00	56.96 2.22 0.00	38.19 1.55 0.00	47.48 1.80 0.00	46.46 1.74 0.00	49.64 1.97 0.00	56.12 2.64 0.00	63.68 3.25 0.00	58.40 2.30 0.00	43.52 1.01 0.00	58.65 1.67 0.00	44.61 1.20 0.00	36.73 0.38 0.00	33.85 0.47 0.00	33.49 0.26 0.00	31.48 0.50 0.00	46.11 1.56 0.00	82.71 4.06 0.00	81.26 4.36 0.00	111.39 6.52 0.00	57.64 3.49 0.00	50.62 3.29 0.00	50.48 3.10 0.00	41.15 2.31 0.00	34.69 1.97 0.00
E_FISHKILL___LBMP 23776	65.71 1.91 0.00	56.27 1.53 0.00	37.74 1.10 0.00	47.11 1.44 0.00	46.16 1.44 0.00	49.16 1.49 0.00	55.13 1.64 0.00	62.22 1.79 0.00	57.79 1.69 0.00	43.96 1.45 0.00	58.68 1.70 0.00	45.19 1.78 0.00	37.97 1.62 0.00	34.94 1.55 0.00	34.68 1.44 0.00	32.36 1.38 0.00	46.30 1.75 0.00	80.76 2.11 0.00	79.14 2.24 0.00	108.36 3.49 0.00	55.98 1.84 0.00	49.21 1.88 0.00	49.47 2.09 0.00	40.65 1.81 0.00	34.31 1.59 0.00
FALCON___SEABRD_CC1 323796	66.15 2.34 0.00	56.61 1.87 0.00	38.11 1.47 0.00	47.39 1.72 0.00	46.36 1.65 0.00	49.50 1.83 0.00	55.61 2.13 0.00	62.71 2.29 0.00	58.37 2.26 0.00	44.24 1.73 0.00	59.61 2.62 0.00	45.13 1.73 0.00	37.74 1.38 0.00	34.58 1.19 0.00	34.34 1.10 0.00	31.82 0.84 0.00	45.39 0.84 0.00	80.58 1.93 0.00	78.79 1.90 0.00	107.44 2.57 0.00	55.19 1.04 0.00	48.00 0.66 0.00	47.76 0.39 0.00	39.32 0.48 0.00	33.18 0.46 0.00
FALCON___SEABRD_CC2 323797	66.15 2.34 0.00	56.61 1.87 0.00	38.11 1.47 0.00	47.39 1.72 0.00	46.36 1.65 0.00	49.50 1.83 0.00	55.61 2.13 0.00	62.71 2.29 0.00	58.37 2.26 0.00	44.24 1.73 0.00	59.61 2.62 0.00	45.13 1.73 0.00	37.74 1.38 0.00	34.58 1.19 0.00	34.34 1.10 0.00	31.82 0.84 0.00	45.39 0.84 0.00	80.58 1.93 0.00	78.79 1.90 0.00	107.44 2.57 0.00	55.19 1.04 0.00	48.00 0.66 0.00	47.76 0.39 0.00	39.32 0.48 0.00	33.18 0.46 0.00
FAR ROCKAWAY___4	66.66	57.13	38.36	48.05	47.09	50.09	56.03	63.03	58.58	44.60	59.75	46.24	38.93	35.76	35.34	33.04	46.95	81.76	80.17	110.03	57.13	50.12	50.34	41.20	34.89

23548	2.86 0.00	2.40 0.00	1.72 0.00	2.38 0.00	2.37 0.00	2.42 0.00	2.55 0.00	2.60 0.00	2.47 0.00	2.09 0.00	2.77 0.00	2.84 0.00	2.58 0.00	2.38 0.00	2.10 0.00	2.06 0.00	2.39 0.00	3.11 0.00	3.28 0.00	5.15 0.00	2.98 0.00	2.78 0.00	2.96 0.00	2.36 0.00	2.17 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	66.27 2.46 0.00	56.69 1.95 0.00	38.04 1.40 0.00	47.53 1.86 0.00	46.57 1.85 0.00	49.56 1.89 0.00	55.54 2.06 0.00	62.63 2.20 0.00	58.25 2.14 0.00	44.43 1.91 0.00	59.25 2.27 0.00	45.76 2.36 0.00	38.52 2.17 0.00	35.43 2.04 0.00	35.12 1.89 0.00	32.77 1.79 0.00	46.85 2.29 0.00	81.61 2.96 0.00	80.03 3.14 0.00	109.59 4.71 0.00	56.60 2.46 0.00	49.77 2.43 0.00	50.08 2.70 0.00	41.17 2.32 0.00	34.74 2.02 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	66.29 2.48 0.00	56.71 1.97 0.00	38.05 1.41 0.00	47.55 1.88 0.00	46.58 1.86 0.00	49.57 1.90 0.00	55.56 2.08 0.00	62.66 2.23 0.00	58.27 2.16 0.00	44.44 1.92 0.00	59.27 2.29 0.00	45.77 2.37 0.00	38.53 2.17 0.00	35.43 2.04 0.00	35.14 1.90 0.00	32.77 1.80 0.00	46.85 2.30 0.00	81.63 2.98 0.00	80.05 3.16 0.00	109.63 4.76 0.00	56.62 2.48 0.00	49.80 2.46 0.00	50.09 2.71 0.00	41.18 2.34 0.00	34.76 2.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	66.22 2.42 0.00	56.66 1.92 0.00	38.02 1.39 0.00	47.52 1.84 0.00	46.54 1.83 0.00	49.54 1.87 0.00	55.51 2.03 0.00	62.61 2.17 0.00	58.22 2.11 0.00	44.40 1.89 0.00	59.22 2.24 0.00	45.74 2.33 0.00	38.49 2.14 0.00	35.39 2.01 0.00	35.10 1.87 0.00	32.74 1.77 0.00	46.81 2.26 0.00	81.55 2.90 0.00	79.97 3.08 0.00	109.52 4.65 0.00	56.56 2.42 0.00	49.75 2.41 0.00	50.04 2.67 0.00	41.14 2.30 0.00	34.72 2.00 0.00
FARRAGUT___LBMP 323566	66.19 2.38 0.00	56.63 1.90 0.00	38.00 1.36 0.00	47.49 1.81 0.00	46.53 1.81 0.00	49.51 1.84 0.00	55.49 2.01 0.00	62.57 2.13 0.00	58.18 2.07 0.00	44.37 1.86 0.00	59.18 2.20 0.00	45.72 2.31 0.00	38.46 2.10 0.00	35.38 1.99 0.00	35.08 1.84 0.00	32.72 1.75 0.00	46.78 2.23 0.00	81.50 2.85 0.00	79.93 3.03 0.00	109.44 4.57 0.00	56.53 2.39 0.00	49.71 2.38 0.00	50.02 2.64 0.00	41.12 2.28 0.00	34.71 1.99 0.00
FENNER___WINDPWR 24204	64.60 0.80 0.00	55.45 0.71 0.00	37.11 0.47 0.00	46.33 0.65 0.00	45.41 0.69 0.00	48.38 0.71 0.00	54.32 0.84 0.00	61.45 1.02 0.00	56.98 0.88 0.00	43.09 0.58 0.00	57.67 0.69 0.00	43.53 0.13 0.00	36.47 0.12 0.00	33.44 0.06 0.00	33.26 0.02 0.00	31.02 0.04 0.00	44.91 0.36 0.00	79.85 1.20 0.00	78.23 1.33 0.00	106.65 1.78 0.00	55.00 0.85 0.00	47.95 0.61 0.00	47.86 0.48 0.00	39.11 0.27 0.00	32.89 0.17 0.00
FIBERTEK___ENERGY 23856	63.01 -0.80 0.00	54.08 -0.66 0.00	36.16 -0.49 0.00	45.11 -0.57 0.00	44.19 -0.53 0.00	47.10 -0.57 0.00	52.85 -0.63 0.00	59.69 -0.74 0.00	55.24 -0.86 0.00	41.79 -0.72 0.00	55.93 -1.05 0.00	42.53 -0.87 0.00	35.72 -0.63 0.00	32.79 -0.59 0.00	32.64 -0.60 0.00	30.42 -0.55 0.00	43.88 -0.67 0.00	77.72 -0.93 0.00	75.92 -0.97 0.00	103.49 -1.39 0.00	53.45 -0.70 0.00	46.70 -0.63 0.00	46.69 -0.69 0.00	38.29 -0.55 0.00	32.21 -0.51 0.00
FITZPATRICK____ 23598	61.42 -2.39 0.00	52.73 -2.01 0.00	35.27 -1.37 0.00	43.98 -1.69 0.00	43.08 -1.64 0.00	45.92 -1.76 0.00	51.50 -1.98 0.00	58.14 -2.29 0.00	53.89 -2.21 0.00	40.84 -1.67 0.00	54.72 -2.26 0.00	41.66 -1.75 0.00	34.93 -1.43 0.00	32.10 -1.29 0.00	31.95 -1.29 0.00	29.77 -1.21 0.00	42.82 -1.73 0.00	75.70 -2.95 0.00	73.91 -2.98 0.00	100.77 -4.10 0.00	52.04 -2.10 0.00	45.50 -1.83 0.00	45.54 -1.84 0.00	37.35 -1.50 0.00	31.43 -1.29 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	66.57 2.77 0.00	57.01 2.27 0.00	38.21 1.56 0.00	47.70 2.03 0.00	46.74 2.02 0.00	49.80 2.13 0.00	55.86 2.39 0.00	63.09 2.66 0.00	58.59 2.48 0.00	44.53 2.02 0.00	59.40 2.42 0.00	45.69 2.28 0.00	38.36 2.01 0.00	35.30 1.91 0.00	35.07 1.84 0.00	32.73 1.75 0.00	46.96 2.40 0.00	82.14 3.48 0.00	80.54 3.65 0.00	110.21 5.33 0.00	56.91 2.77 0.00	49.94 2.60 0.00	50.13 2.75 0.00	41.17 2.32 0.00	34.70 1.98 0.00
FORT ORANGE____ 23900	64.56 0.75 0.00	55.36 0.62 0.00	37.06 0.43 0.00	46.11 0.43 0.00	45.09 0.37 0.00	48.17 0.50 0.00	54.34 0.85 0.00	61.55 1.12 0.00	57.14 1.04 0.00	43.10 0.59 0.00	57.47 0.49 0.00	43.94 0.54 0.00	36.79 0.43 0.00	33.83 0.44 0.00	33.75 0.51 0.00	31.67 0.69 0.00	45.42 0.87 0.00	79.84 1.19 0.00	78.17 1.28 0.00	107.03 2.16 0.00	55.32 1.18 0.00	48.62 1.28 0.00	48.59 1.21 0.00	39.82 0.97 0.00	33.68 0.96 0.00
FORT_DRUM_COGEN 23780	65.11 1.30 0.00	55.88 1.14 0.00	37.39 0.75 0.00	46.71 1.04 0.00	45.81 1.09 0.00	48.76 1.08 0.00	54.11 0.63 0.00	60.93 0.49 0.00	56.90 0.79 0.00	43.21 0.70 0.00	57.38 0.40 0.00	42.58 -0.82 0.00	35.42 -0.94 0.00	32.28 -1.11 0.00	31.97 -1.27 0.00	29.95 -1.03 0.00	43.90 -0.66 0.00	80.46 1.80 0.00	79.49 2.60 0.00	107.98 3.11 0.00	55.33 1.18 0.00	48.04 0.70 0.00	48.18 0.80 0.00	38.82 -0.02 0.00	32.35 -0.37 0.00
FOX_HILLS___ESR 323835	66.25 2.45 0.01	56.75 2.02 0.01	38.15 1.52 0.01	47.69 2.02 0.01	46.66 1.95 0.01	49.73 2.07 0.01	55.63 2.15 0.00	62.65 2.22 0.00	58.31 2.21 0.00	44.62 2.11 0.00	59.29 2.31 0.00	45.93 2.53 0.00	38.61 2.26 0.00	35.50 2.11 0.00	35.21 1.97 0.00	32.82 1.85 0.00	46.89 2.33 0.00	81.43 2.78 0.00	80.02 3.13 0.00	109.57 4.70 0.00	56.70 2.55 0.00	49.96 2.62 0.00	50.30 2.93 0.00	41.37 2.53 0.00	34.90 2.19 0.00
FPL_FAR_ROCK_GT1 24212	66.66 2.86 0.00	57.14 2.40 0.00	38.36 1.72 0.00	48.05 2.38 0.00	47.09 2.37 0.00	50.09 2.42 0.00	56.03 2.55 0.00	63.02 2.59 0.00	58.57 2.46 0.00	44.60 2.09 0.00	59.75 2.76 0.00	46.24 2.84 0.00	38.94 2.59 0.00	35.76 2.38 0.00	35.34 2.10 0.00	33.04 2.06 0.00	46.94 2.39 0.00	81.76 3.11 0.00	80.17 3.28 0.00	110.02 5.15 0.00	57.12 2.98 0.00	50.11 2.78 0.00	50.34 2.96 0.00	41.20 2.36 0.00	34.89 2.17 0.00
FPL_FAR_ROCK_GT2 23815	66.66 2.86 0.00	57.14 2.40 0.00	38.36 1.72 0.00	48.05 2.38 0.00	47.09 2.37 0.00	50.09 2.42 0.00	56.03 2.55 0.00	63.02 2.59 0.00	58.57 2.46 0.00	44.60 2.09 0.00	59.75 2.76 0.00	46.24 2.84 0.00	38.94 2.59 0.00	35.76 2.38 0.00	35.34 2.10 0.00	33.04 2.06 0.00	46.94 2.39 0.00	81.76 3.11 0.00	80.17 3.28 0.00	110.02 5.15 0.00	57.12 2.98 0.00	50.11 2.78 0.00	50.34 2.96 0.00	41.20 2.36 0.00	34.89 2.17 0.00
FRANKLIN_FALL_HYD 24054	66.36 2.55 0.00	56.83 2.09 0.00	38.13 1.49 0.00	47.52 1.84 0.00	46.54 1.82 0.00	49.62 1.95 0.00	55.57 2.09 0.00	62.74 2.31 0.00	58.51 2.40 0.00	44.45 1.94 0.00	59.86 2.88 0.00	45.31 1.91 0.00	37.83 1.48 0.00	34.55 1.17 0.00	34.30 1.07 0.00	31.83 0.85 0.00	45.71 1.16 0.00	81.71 3.06 0.00	80.41 3.52 0.00	109.40 4.53 0.00	56.14 2.00 0.00	48.82 1.48 0.00	48.61 1.24 0.00	39.81 0.97 0.00	33.43 0.71 0.00
FREEPORT_EQUS_GT1	52.62	55.75	37.86	47.45	46.49	49.46	55.33	62.22	57.75	43.72	59.00	45.63	38.42	35.30	34.84	32.62	46.58	80.92	79.40	109.08	56.60	49.64	49.88	38.96	34.56

23764	1.95 13.14	1.64 0.63	1.22 0.00	1.78 0.00	1.78 0.00	1.79 0.00	1.85 0.00	1.80 0.00	1.74 0.10	1.53 0.32	2.01 0.00	2.23 0.00	2.07 0.00	1.91 0.00	1.60 0.00	1.64 0.00	2.02 0.00	2.27 0.00	2.50 0.00	4.21 0.00	2.46 0.00	2.30 0.00	2.50 0.00	1.99 1.87	1.84 0.00
FREEPORT___CT2 23818	52.62 1.95 13.14	55.75 1.64 0.63	37.86 1.22 0.00	47.45 1.78 0.00	46.49 1.78 0.00	49.46 1.79 0.00	55.33 1.85 0.00	62.22 1.80 0.00	57.75 1.74 0.10	43.72 1.53 0.32	59.00 2.01 0.00	45.63 2.23 0.00	38.42 2.07 0.00	35.30 1.91 0.00	34.84 1.60 0.00	32.62 1.64 0.00	46.58 2.02 0.00	80.92 2.27 0.00	79.40 2.50 0.00	109.08 4.21 0.00	56.60 2.46 0.00	49.64 2.30 0.00	49.88 2.50 0.00	38.96 1.99 1.87	34.56 1.84 0.00
FRESHKLS_33_KV_LOAD 356253	66.55 2.76 0.01	57.05 2.32 0.01	38.43 1.80 0.01	48.07 2.40 0.01	47.04 2.33 0.01	50.12 2.46 0.01	55.99 2.51 0.00	63.01 2.58 0.00	58.64 2.54 0.00	44.91 2.40 0.00	59.62 2.64 0.00	46.21 2.81 0.00	38.83 2.47 0.00	35.69 2.31 0.00	35.40 2.17 0.00	33.00 2.03 0.00	47.16 2.61 0.00	81.85 3.20 0.00	80.47 3.58 0.00	110.15 5.28 0.00	57.05 2.91 0.00	50.29 2.95 0.00	50.64 3.26 0.00	41.66 2.82 0.00	35.16 2.43 0.00
FULTON COGEN____ 23766	62.07 -1.74 0.00	53.27 -1.47 0.00	35.61 -1.03 0.00	44.41 -1.26 0.00	43.50 -1.22 0.00	46.37 -1.30 0.00	52.05 -1.43 0.00	58.75 -1.69 0.00	54.35 -1.76 0.00	41.24 -1.27 0.00	55.14 -1.84 0.00	42.00 -1.40 0.00	35.23 -1.12 0.00	32.38 -1.01 0.00	32.13 -1.10 0.00	30.00 -0.98 0.00	43.28 -1.27 0.00	76.56 -2.09 0.00	74.79 -2.10 0.00	101.99 -2.88 0.00	52.65 -1.49 0.00	46.03 -1.31 0.00	46.03 -1.35 0.00	37.71 -1.13 0.00	31.73 -0.99 0.00
FULTON___LFGE 323630	65.45 1.65 0.00	56.14 1.40 0.00	37.54 0.90 0.00	46.83 1.16 0.00	45.84 1.12 0.00	48.92 1.25 0.00	54.87 1.39 0.00	62.12 1.68 0.00	57.46 1.36 0.00	42.80 0.29 0.00	57.89 0.90 0.00	43.88 0.48 0.00	36.24 -0.12 0.00	33.27 -0.12 0.00	32.96 -0.28 0.00	30.65 -0.33 0.00	44.79 0.24 0.00	80.75 2.09 0.00	79.42 2.53 0.00	108.44 3.57 0.00	55.93 1.79 0.00	48.91 1.58 0.00	48.83 1.45 0.00	39.93 1.09 0.00	33.51 0.79 0.00
G.F.CEMENT___DRP 24184	65.59 1.78 0.00	56.18 1.44 0.00	37.68 1.04 0.00	46.73 1.06 0.00	45.70 0.98 0.00	49.04 1.37 0.00	55.54 2.06 0.00	62.75 2.32 0.00	58.13 2.03 0.00	43.49 0.98 0.00	58.26 1.28 0.00	44.69 1.29 0.00	37.01 0.66 0.00	34.06 0.67 0.00	33.84 0.61 0.00	31.81 0.83 0.00	45.82 1.27 0.00	81.30 2.65 0.00	79.66 2.77 0.00	109.36 4.49 0.00	56.55 2.41 0.00	49.71 2.37 0.00	49.35 1.97 0.00	40.31 1.47 0.00	34.25 1.53 0.00
GARDENVILLE___LBMP 24039	62.77 -1.04 0.00	54.35 -0.39 0.00	36.03 -0.61 0.00	45.11 -0.56 0.00	44.26 -0.46 0.00	46.93 -0.74 0.00	52.40 -1.08 0.00	58.61 -1.82 0.00	53.79 -2.32 0.00	41.00 -1.52 0.00	56.21 -0.78 0.00	42.40 -1.00 0.00	35.62 -0.74 0.00	32.19 -1.20 0.00	32.16 -1.08 0.00	29.43 -1.54 0.00	42.55 -2.00 0.00	75.60 -3.05 0.00	72.65 -4.24 0.00	98.35 -6.52 0.00	50.63 -3.51 0.00	43.91 -3.43 0.00	43.91 -3.47 0.00	36.41 -2.43 0.00	30.43 -2.30 0.00
GARDNVLA_35_KV_LD 355827	63.07 -0.73 0.00	54.59 -0.15 0.00	36.19 -0.45 0.00	45.31 -0.37 0.00	44.44 -0.28 0.00	47.13 -0.54 0.00	52.61 -0.87 0.00	58.90 -1.54 0.00	54.05 -2.06 0.00	41.24 -1.27 0.00	56.57 -0.41 0.00	42.67 -0.73 0.00	35.87 -0.49 0.00	32.42 -0.96 0.00	32.39 -0.84 0.00	29.67 -1.31 0.00	42.88 -1.68 0.00	76.09 -2.57 0.00	73.11 -3.78 0.00	98.99 -5.88 0.00	50.96 -3.18 0.00	44.22 -3.12 0.00	44.25 -3.13 0.00	36.71 -2.13 0.00	30.65 -2.07 0.00
GELCKHM___115KV_LOAD 80723	62.59 -1.22 0.00	53.74 -1.00 0.00	35.91 -0.73 0.00	44.81 -0.87 0.00	43.90 -0.82 0.00	46.78 -0.89 0.00	52.49 -0.99 0.00	59.25 -1.19 0.00	54.87 -1.24 0.00	41.54 -0.97 0.00	55.65 -1.34 0.00	42.32 -1.08 0.00	35.53 -0.83 0.00	32.61 -0.78 0.00	32.46 -0.78 0.00	30.25 -0.73 0.00	43.60 -0.96 0.00	77.15 -1.51 0.00	75.34 -1.55 0.00	102.72 -2.15 0.00	53.03 -1.11 0.00	46.35 -0.98 0.00	46.36 -1.02 0.00	38.01 -0.83 0.00	31.98 -0.74 0.00
GENERAL___MILLS 23808	62.89 -0.91 0.00	54.45 -0.29 0.00	36.09 -0.55 0.00	45.18 -0.49 0.00	44.34 -0.38 0.00	47.01 -0.67 0.00	52.48 -1.00 0.00	58.72 -1.71 0.00	53.88 -2.22 0.00	41.11 -1.40 0.00	56.38 -0.60 0.00	42.52 -0.88 0.00	35.73 -0.62 0.00	32.31 -1.08 0.00	32.28 -0.96 0.00	29.55 -1.43 0.00	42.70 -1.85 0.00	75.76 -2.89 0.00	72.78 -4.11 0.00	98.54 -6.33 0.00	50.74 -3.40 0.00	44.02 -3.31 0.00	44.08 -3.30 0.00	36.59 -2.25 0.00	30.56 -2.16 0.00
GE_PLASTICS___DRP 24183	64.36 0.56 0.00	55.20 0.46 0.00	36.96 0.33 0.00	46.00 0.33 0.00	45.00 0.29 0.00	48.06 0.38 0.00	54.13 0.65 0.00	61.27 0.84 0.00	56.88 0.77 0.00	43.01 0.50 0.00	57.42 0.44 0.00	43.92 0.52 0.00	36.77 0.41 0.00	33.85 0.47 0.00	33.75 0.51 0.00	31.61 0.64 0.00	45.32 0.77 0.00	79.50 0.85 0.00	77.72 0.83 0.00	106.35 1.49 0.00	54.99 0.85 0.00	48.31 0.98 0.00	48.35 0.97 0.00	39.63 0.79 0.00	33.51 0.79 0.00
GILBOA___1 23756	64.64 0.83 0.00	55.43 0.69 0.00	37.12 0.48 0.00	46.27 0.59 0.00	45.30 0.58 0.00	48.31 0.64 0.00	54.29 0.81 0.00	61.38 0.94 0.00	56.96 0.85 0.00	43.17 0.65 0.00	57.68 0.70 0.00	44.15 0.74 0.00	37.01 0.65 0.00	34.15 0.77 0.00	33.98 0.74 0.00	31.64 0.67 0.00	45.41 0.85 0.00	79.61 0.96 0.00	77.58 0.69 0.00	106.12 1.25 0.00	55.00 0.86 0.00	48.34 1.01 0.00	48.42 1.05 0.00	39.72 0.88 0.00	33.52 0.80 0.00
GILBOA___2 23757	64.64 0.83 0.00	55.43 0.69 0.00	37.12 0.48 0.00	46.27 0.59 0.00	45.30 0.58 0.00	48.31 0.64 0.00	54.29 0.81 0.00	61.38 0.94 0.00	56.96 0.85 0.00	43.17 0.65 0.00	57.68 0.70 0.00	44.15 0.74 0.00	37.01 0.65 0.00	34.15 0.77 0.00	33.98 0.74 0.00	31.64 0.67 0.00	45.41 0.85 0.00	79.61 0.96 0.00	77.58 0.69 0.00	106.12 1.25 0.00	55.00 0.86 0.00	48.34 1.01 0.00	48.42 1.05 0.00	39.72 0.88 0.00	33.52 0.80 0.00
GILBOA___3 23758	64.64 0.83 0.00	55.43 0.69 0.00	37.12 0.48 0.00	46.27 0.59 0.00	45.30 0.58 0.00	48.31 0.64 0.00	54.29 0.81 0.00	61.38 0.94 0.00	56.96 0.85 0.00	43.17 0.65 0.00	57.68 0.70 0.00	44.15 0.74 0.00	37.01 0.65 0.00	34.15 0.77 0.00	33.98 0.74 0.00	31.64 0.67 0.00	45.41 0.85 0.00	79.61 0.96 0.00	77.58 0.69 0.00	106.12 1.25 0.00	55.00 0.86 0.00	48.34 1.01 0.00	48.42 1.05 0.00	39.72 0.88 0.00	33.52 0.80 0.00
GILBOA___4 23759	64.64 0.83 0.00	55.43 0.69 0.00	37.12 0.48 0.00	46.27 0.59 0.00	45.30 0.58 0.00	48.31 0.64 0.00	54.29 0.81 0.00	61.38 0.94 0.00	56.96 0.85 0.00	43.17 0.65 0.00	57.68 0.70 0.00	44.15 0.74 0.00	37.01 0.65 0.00	34.15 0.77 0.00	33.98 0.74 0.00	31.64 0.67 0.00	45.41 0.85 0.00	79.61 0.96 0.00	77.58 0.69 0.00	106.12 1.25 0.00	55.00 0.86 0.00	48.34 1.01 0.00	48.42 1.05 0.00	39.72 0.88 0.00	33.52 0.80 0.00
GILBOA____	64.64	55.42	37.12	46.27	45.30	48.31	54.29	61.38	56.96	43.17	57.68	44.15	37.00	34.15	33.98	31.65	45.41	79.61	77.58	106.11	55.00	48.34	48.42	39.72	33.52

23599	0.84 0.00	0.68 0.00	0.48 0.00	0.59 0.00	0.58 0.00	0.64 0.00	0.81 0.00	0.95 0.00	0.85 0.00	0.65 0.00	0.70 0.00	0.74 0.00	0.65 0.00	0.77 0.00	0.74 0.00	0.67 0.00	0.85 0.00	0.95 0.00	0.69 0.00	1.25 0.00	0.86 0.00	1.01 0.00	1.05 0.00	0.88 0.00	0.80 0.00
GINNA____ 23603	60.05 -3.75 0.00	51.72 -3.02 0.00	34.43 -2.21 0.00	43.02 -2.65 0.00	42.16 -2.56 0.00	44.89 -2.78 0.00	50.25 -3.23 0.00	56.56 -3.87 0.00	52.24 -3.86 0.00	39.56 -2.96 0.00	53.63 -3.35 0.00	40.59 -2.81 0.00	34.07 -2.29 0.00	31.12 -2.26 0.00	31.06 -2.18 0.00	28.70 -2.28 0.00	41.54 -3.02 0.00	73.79 -4.86 0.00	71.61 -5.28 0.00	97.14 -7.73 0.00	50.01 -4.13 0.00	43.64 -3.69 0.00	43.67 -3.71 0.00	35.92 -2.93 0.00	30.10 -2.62 0.00
GLEN PARK____ 23778	65.17 1.37 0.00	55.92 1.18 0.00	37.41 0.78 0.00	46.73 1.06 0.00	45.85 1.13 0.00	48.80 1.13 0.00	54.20 0.72 0.00	61.04 0.61 0.00	56.98 0.87 0.00	43.26 0.74 0.00	57.34 0.35 0.00	42.47 -0.93 0.00	35.28 -1.07 0.00	32.15 -1.24 0.00	31.85 -1.39 0.00	29.83 -1.14 0.00	43.73 -0.82 0.00	80.51 1.86 0.00	79.62 2.73 0.00	108.20 3.33 0.00	55.44 1.30 0.00	48.12 0.79 0.00	48.25 0.87 0.00	38.87 0.03 0.00	32.38 -0.34 0.00
GLENDALE_27_KV_LOAD 356172	66.09 2.29 0.01	56.55 1.81 0.01	37.95 1.31 0.01	47.41 1.74 0.01	46.43 1.72 0.01	49.42 1.76 0.01	55.45 1.97 0.00	62.56 2.13 0.00	58.23 2.12 0.00	44.48 1.97 0.00	59.24 2.26 0.00	45.83 2.43 0.00	38.58 2.22 0.00	35.48 2.10 0.00	35.18 1.95 0.00	32.83 1.86 0.00	46.88 2.33 0.00	81.50 2.86 0.00	79.96 3.07 0.00	109.53 4.66 0.00	56.60 2.46 0.00	49.84 2.50 0.00	50.19 2.82 0.00	41.26 2.42 0.00	34.83 2.11 0.00
GLENWOOD_IC_1_G5 23712	58.05 2.28 8.03	56.23 1.88 0.39	38.00 1.36 0.00	47.56 1.88 0.00	46.60 1.88 0.00	49.57 1.91 0.00	55.51 2.03 0.00	62.50 2.07 0.00	58.06 2.01 0.06	44.08 1.77 0.20	59.21 2.23 0.00	45.74 2.34 0.00	38.49 2.13 0.00	35.37 1.98 0.00	35.00 1.76 0.00	32.71 1.73 0.00	46.73 2.18 0.00	81.44 2.79 0.00	79.87 2.98 0.00	109.54 4.67 0.00	56.60 2.45 0.00	49.70 2.37 0.00	49.96 2.58 0.00	39.83 2.13 1.14	34.64 1.92 0.00
GLENWOOD_IC_2_G1 23688	65.96 2.16 0.00	56.52 1.78 0.00	37.94 1.29 0.00	47.44 1.77 0.00	46.48 1.77 0.00	49.46 1.79 0.00	55.39 1.91 0.00	62.40 1.97 0.00	58.01 1.91 0.00	44.19 1.68 0.00	59.06 2.08 0.00	45.60 2.20 0.00	38.37 2.01 0.00	35.27 1.89 0.00	34.92 1.68 0.00	32.62 1.64 0.00	46.61 2.06 0.00	81.26 2.60 0.00	79.68 2.79 0.00	109.23 4.36 0.00	56.44 2.30 0.00	49.56 2.22 0.00	49.83 2.45 0.00	40.91 2.07 0.00	34.56 1.84 0.00
GLENWOOD_IC_3_G1 23689	65.96 2.16 0.00	56.52 1.78 0.00	37.94 1.29 0.00	47.44 1.77 0.00	46.48 1.77 0.00	49.46 1.79 0.00	55.39 1.91 0.00	62.40 1.97 0.00	58.01 1.91 0.00	44.19 1.68 0.00	59.06 2.08 0.00	45.60 2.20 0.00	38.37 2.01 0.00	35.27 1.89 0.00	34.92 1.68 0.00	32.62 1.64 0.00	46.61 2.06 0.00	81.26 2.60 0.00	79.68 2.79 0.00	109.23 4.36 0.00	56.44 2.30 0.00	49.56 2.22 0.00	49.83 2.45 0.00	40.91 2.07 0.00	34.56 1.84 0.00
GLENWOOD____4 23550	58.05 2.28 8.03	56.23 1.88 0.39	38.00 1.36 0.00	47.56 1.88 0.00	46.60 1.88 0.00	49.57 1.91 0.00	55.51 2.03 0.00	62.50 2.07 0.00	58.06 2.01 0.06	44.08 1.77 0.20	59.21 2.23 0.00	45.74 2.34 0.00	38.49 2.13 0.00	35.37 1.98 0.00	35.00 1.76 0.00	32.71 1.73 0.00	46.73 2.18 0.00	81.44 2.79 0.00	79.87 2.98 0.00	109.54 4.67 0.00	56.60 2.45 0.00	49.70 2.37 0.00	49.96 2.58 0.00	39.83 2.13 1.14	34.64 1.92 0.00
GLENWOOD____5 23614	58.05 2.28 8.03	56.23 1.88 0.39	38.00 1.36 0.00	47.56 1.88 0.00	46.60 1.88 0.00	49.57 1.91 0.00	55.51 2.03 0.00	62.50 2.07 0.00	58.06 2.01 0.06	44.08 1.77 0.20	59.21 2.23 0.00	45.74 2.34 0.00	38.49 2.13 0.00	35.37 1.98 0.00	35.00 1.76 0.00	32.71 1.73 0.00	46.73 2.18 0.00	81.44 2.79 0.00	79.87 2.98 0.00	109.54 4.67 0.00	56.60 2.45 0.00	49.70 2.37 0.00	49.96 2.58 0.00	39.83 2.13 1.14	34.64 1.92 0.00
GLOBAL GREEN_PORT_GT1 23814	32.69 -1.20 29.92	4.62 -0.68 49.43	22.20 0.08 14.52	46.26 0.59 0.00	43.88 0.91 1.75	48.50 0.83 0.00	54.20 0.72 0.00	60.81 0.39 0.00	56.71 0.80 0.20	37.33 0.72 5.90	-125.82 1.90 184.71	-405.28 2.25 450.93	17.78 1.91 20.48	35.17 1.84 0.05	29.96 1.40 4.67	32.57 1.59 0.00	42.89 1.82 3.49	50.80 2.18 30.03	70.25 2.96 9.60	107.42 4.97 2.42	49.73 2.64 7.05	50.02 2.69 0.00	50.23 2.85 0.00	37.21 2.17 3.80	34.70 1.99 0.01
GLOBE____DSASP 323697	61.58 -2.22 0.00	53.40 -1.35 0.00	35.13 -1.51 0.00	43.93 -1.75 0.00	42.63 -2.09 0.00	45.25 -2.42 0.00	50.38 -3.10 0.00	56.20 -4.23 0.00	51.62 -4.49 0.00	39.34 -3.17 0.00	54.27 -2.72 0.00	40.84 -2.56 0.00	34.36 -2.00 0.00	31.06 -2.33 0.00	31.09 -2.15 0.00	28.40 -2.58 0.00	41.01 -3.54 0.00	72.49 -6.16 0.00	69.31 -7.58 0.00	93.44 -11.43 0.00	48.27 -5.88 0.00	42.02 -5.32 0.00	42.31 -5.07 0.00	35.15 -3.69 0.00	29.40 -3.33 0.00
GOETHSLN____LBMP 323567	65.90 2.10 0.00	56.41 1.67 0.00	37.85 1.21 0.00	47.30 1.62 0.00	46.34 1.62 0.00	49.30 1.63 0.00	55.26 1.77 0.00	62.34 1.91 0.00	57.94 1.83 0.00	44.19 1.68 0.00	58.91 1.93 0.00	45.51 2.11 0.00	38.31 1.95 0.00	35.22 1.83 0.00	34.93 1.69 0.00	32.58 1.61 0.00	46.58 2.03 0.00	81.14 2.49 0.00	79.59 2.70 0.00	108.99 4.12 0.00	56.29 2.15 0.00	49.50 2.17 0.00	49.81 2.43 0.00	40.97 2.13 0.00	34.57 1.85 0.00
GOLAH____69_KV_TB 1_2 80279	63.57 -0.24 0.00	54.82 0.08 0.00	36.52 -0.12 0.00	45.61 -0.06 0.00	44.73 0.01 0.00	47.61 -0.06 0.00	53.19 -0.30 0.00	59.66 -0.77 0.00	54.97 -1.14 0.00	41.55 -0.97 0.00	56.52 -0.46 0.00	42.78 -0.62 0.00	35.87 -0.48 0.00	32.67 -0.72 0.00	32.51 -0.73 0.00	29.91 -1.07 0.00	43.32 -1.23 0.00	77.24 -1.41 0.00	74.86 -2.04 0.00	101.53 -3.34 0.00	52.25 -1.89 0.00	45.55 -1.78 0.00	45.62 -1.76 0.00	37.65 -1.19 0.00	31.50 -1.21 0.00
GOODYEAR_LAKE_HYD 323669	65.50 1.69 0.00	56.16 1.42 0.00	37.57 0.93 0.00	46.92 1.24 0.00	45.97 1.25 0.00	49.00 1.33 0.00	54.96 1.47 0.00	62.09 1.66 0.00	57.65 1.54 0.00	43.69 1.18 0.00	58.49 1.50 0.00	44.64 1.23 0.00	37.36 1.00 0.00	34.30 0.91 0.00	34.09 0.85 0.00	31.66 0.68 0.00	45.73 1.18 0.00	80.80 2.15 0.00	79.01 2.12 0.00	107.87 3.00 0.00	55.67 1.53 0.00	48.64 1.30 0.00	48.62 1.24 0.00	39.83 0.99 0.00	33.43 0.72 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	64.04 0.23 0.00	54.99 0.25 0.00	36.74 0.09 0.00	45.85 0.17 0.00	44.97 0.25 0.00	47.83 0.16 0.00	53.71 0.23 0.00	60.63 0.20 0.00	56.03 -0.08 0.00	42.50 -0.02 0.00	56.95 -0.03 0.00	43.42 0.02 0.00	36.40 0.04 0.00	33.38 -0.01 0.00	33.21 -0.03 0.00	30.88 -0.10 0.00	44.51 -0.04 0.00	78.66 0.01 0.00	76.69 -0.20 0.00	104.66 -0.21 0.00	54.11 -0.03 0.00	47.24 -0.09 0.00	47.25 -0.13 0.00	38.82 -0.02 0.00	32.64 -0.08 0.00
GOUDEY____7	64.04	54.99	36.74	45.85	44.97	47.83	53.71	60.63	56.03	42.50	56.95	43.42	36.40	33.38	33.21	30.88	44.51	78.66	76.69	104.66	54.11	47.24	47.25	38.82	32.64

23579		0.23 0.00	0.25 0.00	0.09 0.00	0.17 0.00	0.25 0.00	0.16 0.00	0.23 0.00	0.20 0.00	-0.08 0.00	-0.02 0.00	-0.03 0.00	0.02 0.00	0.04 0.00	-0.01 0.00	-0.03 0.00	-0.10 0.00	-0.04 0.00	0.01 0.00	-0.20 0.00	-0.21 0.00	-0.03 0.00	-0.09 0.00	-0.13 0.00	-0.02 0.00	-0.08 0.00
GOUDEY___8 23580		64.04 0.23 0.00	54.99 0.25 0.00	36.74 0.09 0.00	45.85 0.17 0.00	44.97 0.25 0.00	47.83 0.16 0.00	53.71 0.23 0.00	60.63 0.20 0.00	56.03 -0.08 0.00	42.50 -0.02 0.00	56.95 -0.03 0.00	43.42 0.02 0.00	36.40 0.04 0.00	33.38 -0.01 0.00	33.21 -0.03 0.00	30.88 -0.10 0.00	44.51 -0.04 0.00	78.66 0.01 0.00	76.69 -0.20 0.00	104.66 -0.21 0.00	54.11 -0.03 0.00	47.24 -0.09 0.00	47.25 -0.13 0.00	38.82 -0.02 0.00	32.64 -0.08 0.00
GOWANUS_GT1_1 24077		66.11 2.31 0.01	56.60 1.87 0.01	37.99 1.36 0.01	47.46 1.80 0.01	46.45 1.74 0.01	49.49 1.83 0.01	55.45 1.97 0.00	62.49 2.06 0.00	58.17 2.06 0.00	44.46 1.95 0.00	59.14 2.16 0.00	45.78 2.38 0.00	38.51 2.15 0.00	35.41 2.02 0.00	35.11 1.87 0.00	32.75 1.78 0.00	46.77 2.22 0.00	81.29 2.64 0.00	79.85 2.96 0.00	109.33 4.46 0.00	56.54 2.40 0.00	49.80 2.46 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT1_2 24078		66.11 2.31 0.01	56.60 1.87 0.01	37.99 1.36 0.01	47.46 1.80 0.01	46.45 1.74 0.01	49.49 1.83 0.01	55.45 1.97 0.00	62.49 2.06 0.00	58.17 2.06 0.00	44.46 1.95 0.00	59.14 2.16 0.00	45.78 2.38 0.00	38.51 2.15 0.00	35.41 2.02 0.00	35.11 1.87 0.00	32.75 1.78 0.00	46.77 2.22 0.00	81.29 2.64 0.00	79.85 2.96 0.00	109.33 4.46 0.00	56.54 2.40 0.00	49.80 2.46 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT1_3 24079		66.11 2.31 0.01	56.60 1.87 0.01	37.99 1.36 0.01	47.46 1.80 0.01	46.45 1.74 0.01	49.49 1.83 0.01	55.45 1.97 0.00	62.49 2.06 0.00	58.17 2.06 0.00	44.46 1.95 0.00	59.14 2.16 0.00	45.78 2.38 0.00	38.51 2.15 0.00	35.41 2.02 0.00	35.11 1.87 0.00	32.75 1.78 0.00	46.77 2.22 0.00	81.29 2.64 0.00	79.85 2.96 0.00	109.33 4.46 0.00	56.54 2.40 0.00	49.80 2.46 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT1_4 24080		66.11 2.31 0.01	56.60 1.87 0.01	37.99 1.36 0.01	47.46 1.80 0.01	46.45 1.74 0.01	49.49 1.83 0.01	55.45 1.97 0.00	62.49 2.06 0.00	58.17 2.06 0.00	44.46 1.95 0.00	59.14 2.16 0.00	45.78 2.38 0.00	38.51 2.15 0.00	35.41 2.02 0.00	35.11 1.87 0.00	32.75 1.78 0.00	46.77 2.22 0.00	81.29 2.64 0.00	79.85 2.96 0.00	109.33 4.46 0.00	56.54 2.40 0.00	49.80 2.46 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT1_5 24084		66.11 2.31 0.01	56.60 1.87 0.01	37.99 1.36 0.01	47.46 1.80 0.01	46.45 1.74 0.01	49.49 1.83 0.01	55.45 1.97 0.00	62.49 2.06 0.00	58.17 2.06 0.00	44.46 1.95 0.00	59.14 2.16 0.00	45.78 2.38 0.00	38.51 2.15 0.00	35.41 2.02 0.00	35.11 1.87 0.00	32.75 1.78 0.00	46.77 2.22 0.00	81.29 2.64 0.00	79.85 2.96 0.00	109.33 4.46 0.00	56.54 2.40 0.00	49.80 2.46 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT1_6 24111		66.11 2.31 0.01	56.60 1.87 0.01	37.99 1.36 0.01	47.46 1.80 0.01	46.45 1.74 0.01	49.49 1.83 0.01	55.45 1.97 0.00	62.49 2.06 0.00	58.17 2.06 0.00	44.46 1.95 0.00	59.14 2.16 0.00	45.78 2.38 0.00	38.51 2.15 0.00	35.41 2.02 0.00	35.11 1.87 0.00	32.75 1.78 0.00	46.77 2.22 0.00	81.29 2.64 0.00	79.85 2.96 0.00	109.33 4.46 0.00	56.54 2.40 0.00	49.80 2.46 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT1_7 24112		66.11 2.31 0.01	56.60 1.87 0.01	37.99 1.36 0.01	47.46 1.80 0.01	46.45 1.74 0.01	49.49 1.83 0.01	55.45 1.97 0.00	62.49 2.06 0.00	58.17 2.06 0.00	44.46 1.95 0.00	59.14 2.16 0.00	45.78 2.38 0.00	38.51 2.15 0.00	35.41 2.02 0.00	35.11 1.87 0.00	32.75 1.78 0.00	46.77 2.22 0.00	81.29 2.64 0.00	79.85 2.96 0.00	109.33 4.46 0.00	56.54 2.40 0.00	49.80 2.46 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT1_8 24113		66.11 2.31 0.01	56.60 1.87 0.01	37.99 1.36 0.01	47.46 1.80 0.01	46.45 1.74 0.01	49.49 1.83 0.01	55.45 1.97 0.00	62.49 2.06 0.00	58.17 2.06 0.00	44.46 1.95 0.00	59.14 2.16 0.00	45.78 2.38 0.00	38.51 2.15 0.00	35.41 2.02 0.00	35.11 1.87 0.00	32.75 1.78 0.00	46.77 2.22 0.00	81.29 2.64 0.00	79.85 2.96 0.00	109.33 4.46 0.00	56.54 2.40 0.00	49.80 2.46 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT2_1 24114		66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT2_2 24115		66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT2_3 24116		66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT2_4 24117		66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT2_5 24118		66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT2_6		66.13	56.63	38.01	47.48	46.48	49.51	55.46	62.51	58.21	44.48	59.17	45.80	38.54	35.43	35.13	32.76	46.80	81.33	79.88	109.40	56.57	49.81	50.17	41.24	34.79

24119	66.13	56.63	38.01	47.48	46.48	49.51	55.46	62.51	58.21	44.48	59.17	45.80	38.54	35.43	35.13	32.76	46.80	81.33	79.88	109.40	56.57	49.81	50.17	41.24	34.79
	2.34	1.90	1.37	1.81	1.77	1.85	1.98	2.08	2.10	1.97	2.18	2.40	2.18	2.04	1.89	1.78	2.24	2.68	3.00	4.53	2.42	2.48	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT2_7	66.13	56.63	38.01	47.48	46.48	49.51	55.46	62.51	58.21	44.48	59.17	45.80	38.54	35.43	35.13	32.76	46.80	81.33	79.88	109.40	56.57	49.81	50.17	41.24	34.79
24120	2.34	1.90	1.37	1.81	1.77	1.85	1.98	2.08	2.10	1.97	2.18	2.40	2.18	2.04	1.89	1.78	2.24	2.68	3.00	4.53	2.42	2.48	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT2_8	66.13	56.63	38.01	47.48	46.48	49.51	55.46	62.51	58.21	44.48	59.17	45.80	38.54	35.43	35.13	32.76	46.80	81.33	79.88	109.40	56.57	49.81	50.17	41.24	34.79
24121	2.34	1.90	1.37	1.81	1.77	1.85	1.98	2.08	2.10	1.97	2.18	2.40	2.18	2.04	1.89	1.78	2.24	2.68	3.00	4.53	2.42	2.48	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT3_1	66.11	56.60	38.00	47.46	46.45	49.49	55.44	62.48	58.17	44.46	59.14	45.78	38.52	35.41	35.11	32.75	46.77	81.29	79.84	109.33	56.53	49.79	50.17	41.24	34.79
24122	2.32	1.87	1.36	1.80	1.74	1.83	1.97	2.05	2.06	1.94	2.16	2.38	2.17	2.02	1.87	1.77	2.22	2.64	2.95	4.46	2.39	2.46	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT3_2	66.11	56.60	38.00	47.46	46.45	49.49	55.44	62.48	58.17	44.46	59.14	45.78	38.52	35.41	35.11	32.75	46.77	81.29	79.84	109.33	56.53	49.79	50.17	41.24	34.79
24123	2.32	1.87	1.36	1.80	1.74	1.83	1.97	2.05	2.06	1.94	2.16	2.38	2.17	2.02	1.87	1.77	2.22	2.64	2.95	4.46	2.39	2.46	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT3_3	66.11	56.60	38.00	47.46	46.45	49.49	55.44	62.48	58.17	44.46	59.14	45.78	38.52	35.41	35.11	32.75	46.77	81.29	79.84	109.33	56.53	49.79	50.17	41.24	34.79
24124	2.32	1.87	1.36	1.80	1.74	1.83	1.97	2.05	2.06	1.94	2.16	2.38	2.17	2.02	1.87	1.77	2.22	2.64	2.95	4.46	2.39	2.46	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT3_4	66.11	56.60	38.00	47.46	46.45	49.49	55.44	62.48	58.17	44.46	59.14	45.78	38.52	35.41	35.11	32.75	46.77	81.29	79.84	109.33	56.53	49.79	50.17	41.24	34.79
24125	2.32	1.87	1.36	1.80	1.74	1.83	1.97	2.05	2.06	1.94	2.16	2.38	2.17	2.02	1.87	1.77	2.22	2.64	2.95	4.46	2.39	2.46	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT3_5	66.11	56.60	38.00	47.46	46.45	49.49	55.44	62.48	58.17	44.46	59.14	45.78	38.52	35.41	35.11	32.75	46.77	81.29	79.84	109.33	56.53	49.79	50.17	41.24	34.79
24126	2.32	1.87	1.36	1.80	1.74	1.83	1.97	2.05	2.06	1.94	2.16	2.38	2.17	2.02	1.87	1.77	2.22	2.64	2.95	4.46	2.39	2.46	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT3_6	66.11	56.60	38.00	47.46	46.45	49.49	55.44	62.48	58.17	44.46	59.14	45.78	38.52	35.41	35.11	32.75	46.77	81.29	79.84	109.33	56.53	49.79	50.17	41.24	34.79
24127	2.32	1.87	1.36	1.80	1.74	1.83	1.97	2.05	2.06	1.94	2.16	2.38	2.17	2.02	1.87	1.77	2.22	2.64	2.95	4.46	2.39	2.46	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT3_7	66.11	56.60	38.00	47.46	46.45	49.49	55.44	62.48	58.17	44.46	59.14	45.78	38.52	35.41	35.11	32.75	46.77	81.29	79.84	109.33	56.53	49.79	50.17	41.24	34.79
24128	2.32	1.87	1.36	1.80	1.74	1.83	1.97	2.05	2.06	1.94	2.16	2.38	2.17	2.02	1.87	1.77	2.22	2.64	2.95	4.46	2.39	2.46	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT3_8	66.11	56.60	38.00	47.46	46.45	49.49	55.44	62.48	58.17	44.46	59.14	45.78	38.52	35.41	35.11	32.75	46.77	81.29	79.84	109.33	56.53	49.79	50.17	41.24	34.79
24129	2.32	1.87	1.36	1.80	1.74	1.83	1.97	2.05	2.06	1.94	2.16	2.38	2.17	2.02	1.87	1.77	2.22	2.64	2.95	4.46	2.39	2.46	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT4_1	66.13	56.63	38.00	47.48	46.48	49.51	55.46	62.52	58.21	44.48	59.17	45.80	38.53	35.43	35.13	32.76	46.80	81.34	79.88	109.40	56.57	49.82	50.17	41.24	34.79
24130	2.33	1.90	1.37	1.81	1.77	1.85	1.98	2.09	2.10	1.96	2.19	2.40	2.17	2.04	1.90	1.79	2.24	2.69	3.00	4.53	2.43	2.49	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT4_2	66.13	56.63	38.00	47.48	46.48	49.51	55.46	62.52	58.21	44.48	59.17	45.80	38.53	35.43	35.13	32.76	46.80	81.34	79.88	109.40	56.57	49.82	50.17	41.24	34.79
24131	2.33	1.90	1.37	1.81	1.77	1.85	1.98	2.09	2.10	1.96	2.19	2.40	2.17	2.04	1.90	1.79	2.24	2.69	3.00	4.53	2.43	2.49	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT4_3	66.13	56.63	38.00	47.48	46.48	49.51	55.46	62.52	58.21	44.48	59.17	45.80	38.53	35.43	35.13	32.76	46.80	81.34	79.88	109.40	56.57	49.82	50.17	41.24	34.79
24132	2.33	1.90	1.37	1.81	1.77	1.85	1.98	2.09	2.10	1.96	2.19	2.40	2.17	2.04	1.90	1.79	2.24	2.69	3.00	4.53	2.43	2.49	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT4_4	66.13	56.63	38.00	47.48	46.48	49.51	55.46	62.52	58.21	44.48	59.17	45.80	38.53	35.43	35.13	32.76	46.80	81.34	79.88	109.40	56.57	49.82	50.17	41.24	34.79
24133	2.33	1.90	1.37	1.81	1.77	1.85	1.98	2.09	2.10	1.96	2.19	2.40	2.17	2.04	1.90	1.79	2.24	2.69	3.00	4.53	2.43	2.49	2.79	2.39	2.07
	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT4_5	66.13	56.63	38.00	47.48	46.48	49.51	55.46	62.52	58.21	44.48	59.17	45.80	38.53	35.43	35.13	32.76	46.80	81.34	79.88	109.40	56.57	49.82	50.17	41.24	34.79

24134	2.33 0.01	1.90 0.01	1.37 0.01	1.81 0.01	1.77 0.01	1.85 0.01	1.98 0.00	2.09 0.00	2.10 0.00	1.96 0.00	2.19 0.00	2.40 0.00	2.17 0.00	2.04 0.00	1.90 0.00	1.79 0.00	2.24 0.00	2.69 0.00	3.00 0.00	4.53 0.00	2.43 0.00	2.49 0.00	2.79 0.00	2.39 0.00	2.07 0.00
GOWANUS_GT4_6 24135	66.13 2.33 0.01	56.63 1.90 0.01	38.00 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.52 2.09 0.00	58.21 2.10 0.00	44.48 1.96 0.00	59.17 2.19 0.00	45.80 2.40 0.00	38.53 2.17 0.00	35.43 2.04 0.00	35.13 1.90 0.00	32.76 1.79 0.00	46.80 2.24 0.00	81.34 2.69 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.43 0.00	49.82 2.49 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT4_7 24136	66.13 2.33 0.01	56.63 1.90 0.01	38.00 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.52 2.09 0.00	58.21 2.10 0.00	44.48 1.96 0.00	59.17 2.19 0.00	45.80 2.40 0.00	38.53 2.17 0.00	35.43 2.04 0.00	35.13 1.90 0.00	32.76 1.79 0.00	46.80 2.24 0.00	81.34 2.69 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.43 0.00	49.82 2.49 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GOWANUS_GT4_8 24137	66.13 2.33 0.01	56.63 1.90 0.01	38.00 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.52 2.09 0.00	58.21 2.10 0.00	44.48 1.96 0.00	59.17 2.19 0.00	45.80 2.40 0.00	38.53 2.17 0.00	35.43 2.04 0.00	35.13 1.90 0.00	32.76 1.79 0.00	46.80 2.24 0.00	81.34 2.69 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.43 0.00	49.82 2.49 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GREATVRV_69_KV_BK1 356245	38.69 1.59 26.70	57.86 1.53 -1.60	40.42 1.12 -2.66	47.38 1.70 0.00	46.43 1.75 0.05	49.42 1.75 0.00	55.29 1.81 0.00	62.13 1.70 0.00	57.63 1.71 0.19	44.24 1.37 -0.35	93.02 1.78 -34.26	129.11 2.07 -83.63	42.15 2.00 -3.80	35.29 1.89 -0.01	35.62 1.51 -0.87	32.64 1.66 0.00	47.21 2.01 -0.64	86.68 2.46 -5.57	81.66 2.99 -1.78	110.20 4.89 -0.45	57.93 2.48 -1.31	49.72 2.39 0.00	49.95 2.57 0.00	37.15 1.90 3.59	34.56 1.84 0.00
GREENBSH_115KV_TB3 55895	64.21 0.40 0.00	55.07 0.33 0.00	36.88 0.24 0.00	45.88 0.20 0.00	44.86 0.14 0.00	47.92 0.25 0.00	54.04 0.57 0.00	61.21 0.78 0.00	56.84 0.74 0.00	42.96 0.45 0.00	57.32 0.34 0.00	43.84 0.44 0.00	36.68 0.33 0.00	33.79 0.41 0.00	33.71 0.48 0.00	31.63 0.66 0.00	45.32 0.77 0.00	79.43 0.77 0.00	77.67 0.78 0.00	106.34 1.48 0.00	54.99 0.85 0.00	48.34 1.00 0.00	48.33 0.95 0.00	39.61 0.77 0.00	33.53 0.81 0.00
GREENDGE_115KV_TB5 80291	63.49 -0.31 0.00	54.70 -0.04 0.00	36.75 0.11 0.00	45.44 -0.23 0.00	45.20 0.49 0.00	47.38 -0.29 0.00	53.24 -0.24 0.00	60.04 -0.39 0.00	55.17 -0.94 0.00	42.00 -0.52 0.00	55.81 -1.17 0.00	43.01 -0.39 0.00	35.85 -0.51 0.00	32.61 -0.78 0.00	32.48 -0.76 0.00	29.95 -1.03 0.00	43.43 -1.12 0.00	76.96 -1.69 0.00	74.56 -2.33 0.00	100.41 -4.46 0.00	52.76 -1.38 0.00	45.72 -1.62 0.00	45.54 -1.84 0.00	37.68 -1.16 0.00	31.73 -0.99 0.00
GREENIDGE___3 23582	63.49 -0.31 0.00	54.70 -0.04 0.00	36.75 0.11 0.00	45.44 -0.23 0.00	45.20 0.49 0.00	47.38 -0.29 0.00	53.24 -0.24 0.00	60.04 -0.39 0.00	55.17 -0.94 0.00	42.00 -0.52 0.00	55.81 -1.17 0.00	43.01 -0.39 0.00	35.85 -0.51 0.00	32.61 -0.78 0.00	32.48 -0.76 0.00	29.95 -1.03 0.00	43.43 -1.12 0.00	76.96 -1.69 0.00	74.56 -2.33 0.00	100.41 -4.46 0.00	52.76 -1.38 0.00	45.72 -1.62 0.00	45.54 -1.84 0.00	37.68 -1.16 0.00	31.73 -0.99 0.00
GREENIDGE___4 23583	63.48 -0.32 0.00	54.70 -0.04 0.00	36.73 0.09 0.00	45.44 -0.24 0.00	45.21 0.49 0.00	47.40 -0.28 0.00	53.24 -0.24 0.00	60.05 -0.38 0.00	55.17 -0.94 0.00	42.03 -0.49 0.00	55.80 -1.19 0.00	42.98 -0.43 0.00	35.85 -0.51 0.00	32.61 -0.78 0.00	32.48 -0.76 0.00	29.94 -1.03 0.00	43.43 -1.12 0.00	76.96 -1.69 0.00	74.61 -2.28 0.00	100.43 -4.44 0.00	52.76 -1.38 0.00	45.71 -1.63 0.00	45.52 -1.86 0.00	37.68 -1.17 0.00	31.73 -0.99 0.00
GREENLWN_69_KV_BK 3 55738	39.22 0.76 25.34	55.36 0.68 0.06	37.28 0.63 0.00	46.79 1.12 0.00	46.00 1.21 -0.07	48.82 1.15 0.00	54.53 1.05 0.00	61.17 0.75 0.00	56.68 0.77 0.20	42.70 0.82 0.64	58.16 1.17 0.00	45.13 1.72 0.00	38.06 1.71 0.00	34.94 1.55 0.00	34.30 1.07 0.00	32.13 1.15 0.00	45.78 1.23 0.00	79.53 0.88 0.00	78.08 1.19 0.00	107.27 2.40 0.00	55.43 1.29 0.00	48.64 1.31 0.00	48.89 1.52 0.00	36.34 1.16 3.67	33.96 1.24 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	66.13 2.33 0.01	56.63 1.90 0.01	38.00 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.52 2.09 0.00	58.21 2.10 0.00	44.48 1.96 0.00	59.17 2.19 0.00	45.80 2.40 0.00	38.53 2.17 0.00	35.43 2.04 0.00	35.13 1.90 0.00	32.76 1.79 0.00	46.80 2.24 0.00	81.34 2.69 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.43 0.00	49.82 2.49 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
GRISSOM___SOLAR 323813	65.58 1.77 0.00	56.24 1.50 0.00	37.61 0.97 0.00	46.88 1.21 0.00	45.90 1.19 0.00	48.99 1.32 0.00	55.01 1.53 0.00	62.25 1.82 0.00	57.53 1.43 0.00	42.80 0.29 0.00	57.92 0.93 0.00	43.85 0.45 0.00	36.13 -0.23 0.00	33.22 -0.17 0.00	32.87 -0.37 0.00	30.61 -0.36 0.00	44.83 0.27 0.00	80.87 2.22 0.00	79.58 2.68 0.00	108.65 3.78 0.00	56.07 1.93 0.00	49.07 1.73 0.00	48.99 1.61 0.00	40.07 1.23 0.00	33.67 0.95 0.00
GROVEVILLE___HYD 323602	66.57 2.77 0.00	57.01 2.27 0.00	38.21 1.56 0.00	47.70 2.03 0.00	46.74 2.02 0.00	49.80 2.13 0.00	55.86 2.39 0.00	63.09 2.66 0.00	58.59 2.48 0.00	44.53 2.02 0.00	59.40 2.42 0.00	45.69 2.28 0.00	38.36 2.01 0.00	35.30 1.91 0.00	35.07 1.84 0.00	32.73 1.75 0.00	46.96 2.40 0.00	82.14 3.48 0.00	80.54 3.65 0.00	110.21 5.33 0.00	56.91 2.77 0.00	49.94 2.60 0.00	50.13 2.75 0.00	41.17 2.32 0.00	34.70 1.98 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	63.01 -0.80 0.00	54.08 -0.66 0.00	36.16 -0.49 0.00	45.11 -0.57 0.00	44.19 -0.53 0.00	47.10 -0.57 0.00	52.85 -0.63 0.00	59.69 -0.74 0.00	55.24 -0.86 0.00	41.79 -0.72 0.00	55.93 -1.05 0.00	42.53 -0.87 0.00	35.72 -0.63 0.00	32.79 -0.59 0.00	32.64 -0.60 0.00	30.42 -0.55 0.00	43.88 -0.67 0.00	77.72 -0.93 0.00	75.92 -0.97 0.00	103.49 -1.39 0.00	53.45 -0.70 0.00	46.70 -0.63 0.00	46.69 -0.69 0.00	38.29 -0.55 0.00	32.21 -0.51 0.00
HAMLTNNY_34_KV_TB 80303	63.13 -0.68 0.00	54.20 -0.54 0.00	36.23 -0.41 0.00	45.22 -0.46 0.00	44.27 -0.45 0.00	47.21 -0.46 0.00	52.94 -0.54 0.00	59.83 -0.60 0.00	55.33 -0.78 0.00	41.81 -0.71 0.00	55.95 -1.03 0.00	42.47 -0.94 0.00	35.68 -0.67 0.00	32.77 -0.62 0.00	32.62 -0.62 0.00	30.34 -0.64 0.00	43.85 -0.71 0.00	77.81 -0.84 0.00	76.03 -0.86 0.00	103.53 -1.34 0.00	53.49 -0.65 0.00	46.74 -0.60 0.00	46.72 -0.66 0.00	38.33 -0.51 0.00	32.24 -0.48 0.00
HAMPSHIRE___PAPER_HYD	65.73	56.36	37.74	47.11	46.16	49.13	54.57	61.60	57.49	43.63	58.35	43.80	36.57	33.36	33.12	30.85	44.74	80.67	79.62	108.15	55.54	48.17	48.36	39.30	32.92

323593	1.93 0.00	1.62 0.00	1.11 0.00	1.43 0.00	1.45 0.00	1.46 0.00	1.09 0.00	1.17 0.00	1.38 0.00	1.12 0.00	1.37 0.00	0.40 0.00	0.21 0.00	-0.02 0.00	-0.12 0.00	-0.13 0.00	0.19 0.00	2.01 0.00	2.73 0.00	3.28 0.00	1.40 0.00	0.83 0.00	0.98 0.00	0.45 0.00	0.20 0.00
HARDSCRABBLE_WT_PWR 323673	65.59 1.79 0.00	56.47 1.73 0.00	37.86 1.22 0.00	47.10 1.43 0.00	46.09 1.37 0.00	49.23 1.56 0.00	55.57 2.09 0.00	62.98 2.55 0.00	57.91 1.80 0.00	43.30 0.79 0.00	58.32 1.34 0.00	44.40 0.99 0.00	36.69 0.34 0.00	33.78 0.39 0.00	33.42 0.18 0.00	31.38 0.40 0.00	45.83 1.27 0.00	81.92 3.27 0.00	80.41 3.52 0.00	110.12 5.25 0.00	56.95 2.80 0.00	49.98 2.65 0.00	49.86 2.49 0.00	40.65 1.81 0.00	34.22 1.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	66.44 2.63 0.00	56.92 2.18 0.00	38.12 1.48 0.00	47.61 1.93 0.00	46.63 1.91 0.00	49.65 1.98 0.00	55.69 2.21 0.00	62.89 2.46 0.00	58.38 2.27 0.00	44.36 1.85 0.00	59.22 2.24 0.00	45.58 2.18 0.00	38.31 1.95 0.00	35.23 1.85 0.00	35.01 1.77 0.00	32.67 1.69 0.00	46.86 2.30 0.00	82.03 3.38 0.00	80.46 3.57 0.00	110.13 5.26 0.00	56.82 2.68 0.00	49.78 2.45 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.61 1.90 0.00
HARSNRAD_115KV_TB1 81005	62.09 -1.71 0.00	53.82 -0.91 0.00	35.63 -1.01 0.00	44.68 -1.00 0.00	43.81 -0.90 0.00	46.51 -1.16 0.00	51.84 -1.64 0.00	57.83 -2.60 0.00	53.10 -3.01 0.00	40.42 -2.10 0.00	55.60 -1.38 0.00	41.88 -1.52 0.00	35.21 -1.15 0.00	31.82 -1.56 0.00	31.84 -1.40 0.00	29.07 -1.90 0.00	42.00 -2.55 0.00	74.55 -4.10 0.00	71.49 -5.40 0.00	96.66 -8.21 0.00	49.81 -4.33 0.00	43.33 -4.01 0.00	43.50 -3.87 0.00	36.21 -2.63 0.00	30.28 -2.45 0.00
HARZA MOOSE__RIVER 24016	65.14 1.33 0.00	55.90 1.16 0.00	37.41 0.77 0.00	46.71 1.03 0.00	45.78 1.06 0.00	48.73 1.06 0.00	54.29 0.81 0.00	61.40 0.97 0.00	57.18 1.07 0.00	43.41 0.89 0.00	57.96 0.98 0.00	43.53 0.12 0.00	36.38 0.02 0.00	33.25 -0.14 0.00	32.99 -0.24 0.00	30.84 -0.14 0.00	44.88 0.33 0.00	80.51 1.86 0.00	79.21 2.32 0.00	107.75 2.88 0.00	55.41 1.27 0.00	48.29 0.95 0.00	48.35 0.97 0.00	39.23 0.39 0.00	32.84 0.12 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	62.58 -1.22 0.00	53.70 -1.03 0.00	35.90 -0.74 0.00	44.78 -0.89 0.00	43.88 -0.84 0.00	46.76 -0.91 0.00	52.48 -1.00 0.00	59.24 -1.20 0.00	54.88 -1.22 0.00	41.54 -0.97 0.00	55.67 -1.32 0.00	42.32 -1.09 0.00	35.51 -0.84 0.00	32.61 -0.78 0.00	32.47 -0.76 0.00	30.25 -0.72 0.00	43.60 -0.96 0.00	77.13 -1.52 0.00	75.31 -1.58 0.00	102.72 -2.15 0.00	53.03 -1.11 0.00	46.36 -0.98 0.00	46.36 -1.02 0.00	38.02 -0.82 0.00	31.98 -0.74 0.00
HELLGATE_13_KV_LD 55870	66.12 2.32 0.01	56.57 1.84 0.01	37.94 1.30 0.01	47.38 1.72 0.01	46.41 1.70 0.01	49.40 1.74 0.01	55.50 2.02 0.00	62.65 2.22 0.00	58.33 2.23 0.00	44.57 2.05 0.00	59.34 2.36 0.00	45.91 2.51 0.00	38.64 2.28 0.00	35.54 2.15 0.00	35.24 2.00 0.00	32.89 1.91 0.00	46.94 2.39 0.00	81.60 2.95 0.00	80.08 3.20 0.00	109.63 4.76 0.00	56.66 2.51 0.00	49.92 2.59 0.00	50.25 2.88 0.00	41.32 2.48 0.00	34.88 2.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_66 345018	66.12 2.32 0.01	56.57 1.84 0.01	37.94 1.30 0.01	47.38 1.72 0.01	46.41 1.70 0.01	49.40 1.74 0.01	55.50 2.02 0.00	62.65 2.22 0.00	58.33 2.23 0.00	44.57 2.05 0.00	59.34 2.36 0.00	45.91 2.51 0.00	38.64 2.28 0.00	35.54 2.15 0.00	35.24 2.00 0.00	32.89 1.91 0.00	46.94 2.39 0.00	81.60 2.95 0.00	80.08 3.20 0.00	109.63 4.76 0.00	56.66 2.51 0.00	49.92 2.59 0.00	50.25 2.88 0.00	41.32 2.48 0.00	34.88 2.16 0.00
HEMPSTEAD____ 23647	53.35 1.67 12.12	55.55 1.40 0.58	37.71 1.07 0.00	47.22 1.54 0.00	46.27 1.55 0.00	49.22 1.55 0.00	55.07 1.59 0.00	61.95 1.52 0.00	57.52 1.51 0.09	43.59 1.38 0.30	58.75 1.77 0.00	45.42 2.02 0.00	38.25 1.89 0.00	35.14 1.75 0.00	34.72 1.48 0.00	32.47 1.49 0.00	46.37 1.82 0.00	80.74 2.09 0.00	79.21 2.32 0.00	108.73 3.86 0.00	56.22 2.08 0.00	49.35 2.01 0.00	49.60 2.22 0.00	38.91 1.79 1.72	34.39 1.67 0.00
HICKLING__1 23621	63.22 -0.59 0.00	54.48 -0.26 0.00	36.27 -0.37 0.00	45.26 -0.42 0.00	44.63 -0.09 0.00	47.11 -0.56 0.00	52.98 -0.50 0.00	59.64 -0.79 0.00	54.66 -1.45 0.00	41.68 -0.83 0.00	56.11 -0.87 0.00	42.84 -0.56 0.00	35.86 -0.50 0.00	32.59 -0.80 0.00	32.42 -0.82 0.00	29.91 -1.07 0.00	43.28 -1.28 0.00	76.85 -1.80 0.00	74.31 -2.58 0.00	101.14 -3.74 0.00	52.38 -1.77 0.00	45.28 -2.06 0.00	45.04 -2.34 0.00	37.26 -1.58 0.00	31.25 -1.47 0.00
HICKLING__2 23622	63.22 -0.59 0.00	54.48 -0.26 0.00	36.27 -0.37 0.00	45.26 -0.42 0.00	44.63 -0.09 0.00	47.11 -0.56 0.00	52.98 -0.50 0.00	59.64 -0.79 0.00	54.66 -1.45 0.00	41.68 -0.83 0.00	56.11 -0.87 0.00	42.84 -0.56 0.00	35.86 -0.50 0.00	32.59 -0.80 0.00	32.42 -0.82 0.00	29.91 -1.07 0.00	43.28 -1.28 0.00	76.85 -1.80 0.00	74.31 -2.58 0.00	101.14 -3.74 0.00	52.38 -1.77 0.00	45.28 -2.06 0.00	45.04 -2.34 0.00	37.26 -1.58 0.00	31.25 -1.47 0.00
HIGH FALLS__HY 23754	66.70 2.89 0.00	57.11 2.37 0.00	38.25 1.61 0.00	47.77 2.09 0.00	46.81 2.09 0.00	49.86 2.19 0.00	55.95 2.47 0.00	63.23 2.79 0.00	58.71 2.61 0.00	44.56 2.05 0.00	59.32 2.34 0.00	45.41 2.01 0.00	38.09 1.74 0.00	35.06 1.67 0.00	34.89 1.65 0.00	32.54 1.57 0.00	46.83 2.27 0.00	82.27 3.62 0.00	80.76 3.87 0.00	110.56 5.69 0.00	57.09 2.94 0.00	50.00 2.66 0.00	50.18 2.80 0.00	41.19 2.34 0.00	34.66 1.94 0.00
HIGH_RIVER__SOLAR 323847	65.35 1.54 0.00	56.04 1.30 0.00	37.49 0.85 0.00	46.74 1.06 0.00	45.75 1.03 0.00	48.81 1.14 0.00	54.81 1.33 0.00	62.02 1.59 0.00	57.24 1.13 0.00	42.65 0.14 0.00	57.43 0.44 0.00	43.73 0.33 0.00	36.32 -0.04 0.00	33.33 -0.06 0.00	33.13 -0.11 0.00	30.85 -0.12 0.00	44.72 0.17 0.00	80.45 1.80 0.00	79.18 2.28 0.00	108.18 3.31 0.00	55.83 1.69 0.00	48.87 1.53 0.00	48.80 1.42 0.00	39.93 1.09 0.00	33.58 0.86 0.00
HILLBURN__GT 23639	66.20 2.39 0.00	56.73 1.99 0.00	38.01 1.36 0.00	47.46 1.78 0.00	46.49 1.77 0.00	49.49 1.82 0.00	55.50 2.02 0.00	62.64 2.21 0.00	58.15 2.04 0.00	44.23 1.71 0.00	59.05 2.07 0.00	45.49 2.09 0.00	38.26 1.91 0.00	35.18 1.80 0.00	34.93 1.69 0.00	32.56 1.58 0.00	46.65 2.09 0.00	81.55 2.90 0.00	79.99 3.10 0.00	109.53 4.66 0.00	56.52 2.38 0.00	49.56 2.23 0.00	49.82 2.44 0.00	40.97 2.12 0.00	34.53 1.81 0.00
HILLSIDE_115KV_TB1 80332	62.22 -1.58 0.00	53.59 -1.15 0.00	35.71 -0.94 0.00	44.57 -1.11 0.00	43.94 -0.78 0.00	46.37 -1.31 0.00	52.16 -1.32 0.00	58.77 -1.66 0.00	53.78 -2.33 0.00	41.14 -1.38 0.00	55.40 -1.58 0.00	42.38 -1.03 0.00	35.49 -0.86 0.00	32.30 -1.09 0.00	32.10 -1.13 0.00	29.64 -1.34 0.00	42.74 -1.82 0.00	75.62 -3.03 0.00	73.09 -3.80 0.00	99.65 -5.22 0.00	51.70 -2.44 0.00	44.79 -2.55 0.00	44.64 -2.73 0.00	36.98 -1.86 0.00	31.04 -1.68 0.00
HISHELDN_WT_PWR	62.68	54.20	35.97	45.01	44.22	46.85	52.35	58.63	53.82	40.95	55.95	42.26	35.44	32.03	31.97	29.28	42.43	75.62	72.83	98.63	50.80	43.88	43.65	36.05	30.14

323625	-1.13 0.00	-0.54 0.00	-0.67 0.00	-0.67 0.00	-0.50 0.00	-0.83 0.00	-1.13 0.00	-1.80 0.00	-2.28 0.00	-1.56 0.00	-1.03 0.00	-1.14 0.00	-0.91 0.00	-1.35 0.00	-1.27 0.00	-1.69 0.00	-2.13 0.00	-3.03 0.00	-4.06 0.00	-6.24 0.00	-3.34 0.00	-3.45 0.00	-3.73 0.00	-2.79 0.00	-2.58 0.00
HOLTSVILLE_IC_1 23690	34.34 0.55 30.01	41.42 0.52 13.83	36.00 0.52 1.16	46.62 0.94 0.00	45.04 0.99 0.67	48.60 0.93 0.00	54.36 0.88 0.00	61.06 0.63 0.00	56.64 0.73 0.20	42.15 0.70 1.06	44.02 1.11 14.07	10.67 1.61 34.35	36.46 1.67 1.56	34.90 1.52 0.01	33.95 1.07 0.36	32.20 1.22 0.00	45.64 1.35 0.27	77.58 1.21 2.29	77.80 1.64 0.73	107.66 2.98 0.18	55.16 1.56 0.54	48.88 1.55 0.00	49.15 1.78 0.00	36.39 1.36 3.81	34.09 1.37 0.00
HOLTSVILLE_IC_10 23699	34.98 0.70 29.53	61.49 0.65 -6.10	43.43 0.60 -6.18	46.73 1.06 0.00	45.76 1.10 0.05	48.70 1.03 0.00	54.49 1.01 0.00	61.24 0.81 0.00	56.81 0.91 0.20	44.94 0.81 -1.61	137.76 1.24 -79.53	239.27 1.70 -194.17	46.94 1.76 -8.82	35.02 1.61 -0.02	36.41 1.16 -2.01	32.31 1.33 0.00	47.57 1.51 -1.50	93.13 1.55 -12.93	83.06 2.03 -4.13	109.43 3.52 -1.04	58.98 1.81 -3.03	49.10 1.76 0.00	49.35 1.97 0.00	36.58 1.49 3.76	34.19 1.47 0.00
HOLTSVILLE_IC_2 23691	34.34 0.55 30.01	41.42 0.52 13.83	36.00 0.52 1.16	46.62 0.94 0.00	45.04 0.99 0.67	48.60 0.93 0.00	54.36 0.88 0.00	61.06 0.63 0.00	56.64 0.73 0.20	42.15 0.70 1.06	44.02 1.11 14.07	10.67 1.61 34.35	36.46 1.67 1.56	34.90 1.52 0.01	33.95 1.07 0.36	32.20 1.22 0.00	45.64 1.35 0.27	77.58 1.21 2.29	77.80 1.64 0.73	107.66 2.98 0.18	55.16 1.56 0.54	48.88 1.55 0.00	49.15 1.78 0.00	36.39 1.36 3.81	34.09 1.37 0.00
HOLTSVILLE_IC_3 23692	34.34 0.55 30.01	41.42 0.52 13.83	36.00 0.52 1.16	46.62 0.94 0.00	45.04 0.99 0.67	48.60 0.93 0.00	54.36 0.88 0.00	61.06 0.63 0.00	56.64 0.73 0.20	42.15 0.70 1.06	44.02 1.11 14.07	10.67 1.61 34.35	36.46 1.67 1.56	34.90 1.52 0.01	33.95 1.07 0.36	32.20 1.22 0.00	45.64 1.35 0.27	77.58 1.21 2.29	77.80 1.64 0.73	107.66 2.98 0.18	55.16 1.56 0.54	48.88 1.55 0.00	49.15 1.78 0.00	36.39 1.36 3.81	34.09 1.37 0.00
HOLTSVILLE_IC_4 23693	34.34 0.55 30.01	41.42 0.52 13.83	36.00 0.52 1.16	46.62 0.94 0.00	45.04 0.99 0.67	48.60 0.93 0.00	54.36 0.88 0.00	61.06 0.63 0.00	56.64 0.73 0.20	42.15 0.70 1.06	44.02 1.11 14.07	10.67 1.61 34.35	36.46 1.67 1.56	34.90 1.52 0.01	33.95 1.07 0.36	32.20 1.22 0.00	45.64 1.35 0.27	77.58 1.21 2.29	77.80 1.64 0.73	107.66 2.98 0.18	55.16 1.56 0.54	48.88 1.55 0.00	49.15 1.78 0.00	36.39 1.36 3.81	34.09 1.37 0.00
HOLTSVILLE_IC_5 23694	34.34 0.55 30.01	41.42 0.52 13.83	36.00 0.52 1.16	46.62 0.94 0.00	45.04 0.99 0.67	48.60 0.93 0.00	54.36 0.88 0.00	61.06 0.63 0.00	56.64 0.73 0.20	42.15 0.70 1.06	44.02 1.11 14.07	10.67 1.61 34.35	36.46 1.67 1.56	34.90 1.52 0.01	33.95 1.07 0.36	32.20 1.22 0.00	45.64 1.35 0.27	77.58 1.21 2.29	77.80 1.64 0.73	107.66 2.98 0.18	55.16 1.56 0.54	48.88 1.55 0.00	49.15 1.78 0.00	36.39 1.36 3.81	34.09 1.37 0.00
HOLTSVILLE_IC_6 23695	34.98 0.70 29.53	61.49 0.65 -6.10	43.43 0.60 -6.18	46.73 1.06 0.00	45.76 1.10 0.05	48.70 1.03 0.00	54.49 1.01 0.00	61.24 0.81 0.00	56.81 0.91 0.20	44.94 0.81 -1.61	137.76 1.24 -79.53	239.27 1.70 -194.17	46.94 1.76 -8.82	35.02 1.61 -0.02	36.41 1.16 -2.01	32.31 1.33 0.00	47.57 1.51 -1.50	93.13 1.55 -12.93	83.06 2.03 -4.13	109.43 3.52 -1.04	58.98 1.81 -3.03	49.10 1.76 0.00	49.35 1.97 0.00	36.58 1.49 3.76	34.19 1.47 0.00
HOLTSVILLE_IC_7 23696	34.98 0.70 29.53	61.49 0.65 -6.10	43.43 0.60 -6.18	46.73 1.06 0.00	45.76 1.10 0.05	48.70 1.03 0.00	54.49 1.01 0.00	61.24 0.81 0.00	56.81 0.91 0.20	44.94 0.81 -1.61	137.76 1.24 -79.53	239.27 1.70 -194.17	46.94 1.76 -8.82	35.02 1.61 -0.02	36.41 1.16 -2.01	32.31 1.33 0.00	47.57 1.51 -1.50	93.13 1.55 -12.93	83.06 2.03 -4.13	109.43 3.52 -1.04	58.98 1.81 -3.03	49.10 1.76 0.00	49.35 1.97 0.00	36.58 1.49 3.76	34.19 1.47 0.00
HOLTSVILLE_IC_8 23697	34.98 0.70 29.53	61.49 0.65 -6.10	43.43 0.60 -6.18	46.73 1.06 0.00	45.76 1.10 0.05	48.70 1.03 0.00	54.49 1.01 0.00	61.24 0.81 0.00	56.81 0.91 0.20	44.94 0.81 -1.61	137.76 1.24 -79.53	239.27 1.70 -194.17	46.94 1.76 -8.82	35.02 1.61 -0.02	36.41 1.16 -2.01	32.31 1.33 0.00	47.57 1.51 -1.50	93.13 1.55 -12.93	83.06 2.03 -4.13	109.43 3.52 -1.04	58.98 1.81 -3.03	49.10 1.76 0.00	49.35 1.97 0.00	36.58 1.49 3.76	34.19 1.47 0.00
HOLTSVILLE_IC_9 23698	34.98 0.70 29.53	61.49 0.65 -6.10	43.43 0.60 -6.18	46.73 1.06 0.00	45.76 1.10 0.05	48.70 1.03 0.00	54.49 1.01 0.00	61.24 0.81 0.00	56.81 0.91 0.20	44.94 0.81 -1.61	137.76 1.24 -79.53	239.27 1.70 -194.17	46.94 1.76 -8.82	35.02 1.61 -0.02	36.41 1.16 -2.01	32.31 1.33 0.00	47.57 1.51 -1.50	93.13 1.55 -12.93	83.06 2.03 -4.13	109.43 3.52 -1.04	58.98 1.81 -3.03	49.10 1.76 0.00	49.35 1.97 0.00	36.58 1.49 3.76	34.19 1.47 0.00
HOMER_HL_115KV_TB2 355744	63.36 -0.45 0.00	54.86 0.12 0.00	36.46 -0.18 0.00	45.66 -0.02 0.00	44.85 0.13 0.00	47.50 -0.17 0.00	53.20 -0.28 0.00	59.77 -0.66 0.00	54.62 -1.49 0.00	41.74 -0.77 0.00	56.85 -0.13 0.00	43.12 -0.29 0.00	36.17 -0.18 0.00	32.77 -0.61 0.00	32.69 -0.55 0.00	29.96 -1.02 0.00	43.17 -1.38 0.00	76.63 -2.02 0.00	73.95 -2.94 0.00	100.61 -4.26 0.00	51.75 -2.39 0.00	44.97 -2.37 0.00	44.99 -2.39 0.00	37.26 -1.58 0.00	31.17 -1.55 0.00
HOWARD_WT_PWR 323690	64.00 0.19 0.00	55.20 0.46 0.00	36.70 0.06 0.00	45.80 0.13 0.00	45.16 0.44 0.00	47.70 0.03 0.00	53.53 0.05 0.00	60.12 -0.31 0.00	55.18 -0.93 0.00	41.89 -0.62 0.00	56.58 -0.40 0.00	42.87 -0.53 0.00	35.79 -0.56 0.00	32.41 -0.98 0.00	32.30 -0.93 0.00	29.58 -1.39 0.00	43.10 -1.46 0.00	77.29 -1.36 0.00	75.00 -1.90 0.00	101.32 -3.55 0.00	51.95 -2.19 0.00	44.47 -2.87 0.00	44.01 -3.37 0.00	36.26 -2.58 0.00	30.32 -2.40 0.00
HQ_GEN_CEDARS 23644	66.28 2.47 0.00	56.80 2.06 0.00	38.06 1.41 0.00	47.43 1.76 0.00	46.47 1.75 0.00	49.50 1.83 0.00	55.35 1.87 0.00	62.48 2.05 0.00	58.21 2.10 0.00	44.16 1.65 0.00	59.38 2.40 0.00	44.98 1.58 0.00	37.66 1.30 0.00	34.43 1.05 0.00	34.25 1.02 0.00	31.79 0.82 0.00	45.77 1.22 0.00	81.45 2.80 0.00	80.00 3.11 0.00	108.66 3.79 0.00	55.94 1.80 0.00	48.28 0.95 0.00	48.63 1.26 0.00	39.87 1.03 0.00	33.52 0.80 0.00
HQ_GEN_CEDARS_PROXY 323590	66.28 2.47 0.00	56.80 2.06 0.00	38.06 1.41 0.00	47.43 1.76 0.00	46.47 1.75 0.00	49.50 1.83 0.00	55.35 1.87 0.00	62.48 2.05 0.00	58.21 2.10 0.00	44.16 1.65 0.00	59.38 2.40 0.00	44.98 1.58 0.00	37.66 1.30 0.00	34.43 1.04 0.00	34.25 1.02 0.00	31.79 0.82 0.00	45.77 1.22 0.00	81.45 2.80 0.00	80.00 3.11 0.00	108.66 3.79 0.00	55.94 1.80 0.00	48.28 0.95 0.00	48.63 1.26 0.00	39.87 1.03 0.00	33.52 0.80 0.00
HQ_GEN_IMPORT	64.71	55.50	37.16	46.31	45.35	48.33	54.14	61.16	56.88	43.14	57.93	44.03	36.88	33.80	33.65	31.30	44.19	79.69	78.02	106.19	54.76	47.70	47.78	39.17	32.97

323601	0.90 0.00	0.76 0.00	0.52 0.00	0.64 0.00	0.63 0.00	0.66 0.00	0.66 0.00	0.73 0.00	0.78 0.00	0.62 0.00	0.95 0.00	0.63 0.00	0.52 0.00	0.41 0.00	0.42 0.00	0.32 0.00	0.47 0.82	1.03 0.00	1.12 0.00	1.32 0.00	0.62 0.00	0.37 0.00	0.40 0.00	0.33 0.00	0.25 0.00
HQ_GEN_WHEEL 23651	64.71 0.90 0.00	55.50 0.76 0.00	37.16 0.52 0.00	46.31 0.64 0.00	45.35 0.63 0.00	48.33 0.66 0.00	54.14 0.66 0.00	61.16 0.73 0.00	56.88 0.78 0.00	43.14 0.62 0.00	57.93 0.95 0.00	44.03 0.63 0.00	36.88 0.52 0.00	33.80 0.41 0.00	33.65 0.42 0.00	31.30 0.32 0.00	44.19 0.47 0.82	79.69 1.03 0.00	78.02 1.12 0.00	106.19 1.32 0.00	54.76 0.62 0.00	47.70 0.37 0.00	47.78 0.40 0.00	39.17 0.33 0.00	32.97 0.25 0.00
HUDSON AVE_GT_3 23810	66.29 2.48 0.00	56.71 1.97 0.00	38.06 1.42 0.00	47.55 1.87 0.00	46.57 1.86 0.00	49.57 1.90 0.00	55.56 2.08 0.00	62.66 2.23 0.00	58.27 2.16 0.00	44.44 1.93 0.00	59.28 2.30 0.00	45.79 2.38 0.00	38.53 2.17 0.00	35.44 2.05 0.00	35.14 1.90 0.00	32.78 1.80 0.00	46.86 2.31 0.00	81.64 2.99 0.00	80.07 3.18 0.00	109.63 4.76 0.00	56.63 2.48 0.00	49.80 2.47 0.00	50.09 2.71 0.00	41.19 2.34 0.00	34.76 2.04 0.00
HUDSON AVE_GT_4 23540	66.29 2.48 0.00	56.71 1.97 0.00	38.06 1.42 0.00	47.55 1.87 0.00	46.57 1.86 0.00	49.57 1.90 0.00	55.56 2.08 0.00	62.66 2.23 0.00	58.27 2.16 0.00	44.44 1.93 0.00	59.28 2.30 0.00	45.79 2.38 0.00	38.53 2.17 0.00	35.44 2.05 0.00	35.14 1.90 0.00	32.78 1.80 0.00	46.86 2.31 0.00	81.64 2.99 0.00	80.07 3.18 0.00	109.63 4.76 0.00	56.63 2.48 0.00	49.80 2.47 0.00	50.09 2.71 0.00	41.19 2.34 0.00	34.76 2.04 0.00
HUDSON AVE_GT_5 23657	66.29 2.48 0.00	56.71 1.97 0.00	38.06 1.42 0.00	47.55 1.87 0.00	46.57 1.86 0.00	49.57 1.90 0.00	55.56 2.08 0.00	62.66 2.23 0.00	58.27 2.16 0.00	44.44 1.93 0.00	59.28 2.30 0.00	45.79 2.38 0.00	38.53 2.17 0.00	35.44 2.05 0.00	35.14 1.90 0.00	32.78 1.80 0.00	46.86 2.31 0.00	81.64 2.99 0.00	80.07 3.18 0.00	109.63 4.76 0.00	56.63 2.48 0.00	49.80 2.47 0.00	50.09 2.71 0.00	41.19 2.34 0.00	34.76 2.04 0.00
HUDSON_AVE_10 24168	66.03 2.22 0.00	56.47 1.73 0.00	37.87 1.23 0.01	47.28 1.62 0.02	46.31 1.61 0.02	49.29 1.63 0.02	55.25 1.78 0.01	62.36 1.93 0.00	57.98 1.87 0.00	44.24 1.73 0.00	58.99 2.01 0.00	45.57 2.17 0.00	38.35 2.00 0.00	35.29 1.91 0.00	34.99 1.75 0.00	32.65 1.67 0.00	46.67 2.12 0.00	81.28 2.63 0.00	79.68 2.79 0.00	109.14 4.27 0.00	56.37 2.23 0.00	49.57 2.24 0.00	49.90 2.52 0.00	41.02 2.18 0.00	34.61 1.89 0.00
HUDSON___115KV_TB 4 355613	65.36 1.55 0.00	56.02 1.28 0.00	37.50 0.86 0.00	46.65 0.98 0.00	45.63 0.91 0.00	48.75 1.08 0.00	55.00 1.52 0.00	62.37 1.94 0.00	57.89 1.78 0.00	43.47 0.96 0.00	57.90 0.91 0.00	44.22 0.81 0.00	37.01 0.66 0.00	33.94 0.56 0.00	33.85 0.61 0.00	31.78 0.80 0.00	45.72 1.17 0.00	80.87 2.22 0.00	79.37 2.48 0.00	108.67 3.80 0.00	56.15 2.01 0.00	49.28 1.95 0.00	49.18 1.81 0.00	40.26 1.42 0.00	34.02 1.30 0.00
HUNTER MOUNT___DRP 323613	65.49 1.68 0.00	56.12 1.38 0.00	37.56 0.92 0.00	46.70 1.03 0.00	45.68 0.96 0.00	48.82 1.15 0.00	55.12 1.64 0.00	62.53 2.10 0.00	58.05 1.95 0.00	43.56 1.04 0.00	57.99 1.00 0.00	44.29 0.89 0.00	37.07 0.72 0.00	33.92 0.53 0.00	33.82 0.59 0.00	31.79 0.81 0.00	45.82 1.26 0.00	81.17 2.52 0.00	79.70 2.81 0.00	109.08 4.21 0.00	56.34 2.20 0.00	49.44 2.11 0.00	49.30 1.92 0.00	40.33 1.49 0.00	34.07 1.35 0.00
HUNTINGTON_RES_REC 323705	32.32 0.66 32.14	39.83 0.60 15.51	38.31 0.56 -1.11	46.70 1.02 0.00	44.87 1.11 0.96	48.71 1.04 0.00	54.44 0.96 0.00	61.11 0.69 0.00	56.64 0.73 0.20	43.05 0.75 0.21	73.40 1.10 -15.32	82.45 1.65 -37.41	39.72 1.66 -1.70	34.90 1.51 -0.01	34.65 1.02 -0.39	32.14 1.16 0.00	46.13 1.29 -0.29	82.24 1.10 -2.49	79.21 1.52 -0.80	107.89 2.82 -0.20	56.22 1.49 -0.59	48.80 1.47 0.00	49.04 1.66 0.00	36.37 1.26 3.73	34.01 1.29 0.00
HUNTLEY___63 23557	62.57 -1.23 0.00	54.21 -0.52 0.00	35.83 -0.81 0.00	44.86 -0.82 0.00	43.82 -0.90 0.00	46.51 -1.16 0.00	51.85 -1.63 0.00	57.90 -2.53 0.00	53.16 -2.94 0.00	40.50 -2.01 0.00	55.74 -1.25 0.00	41.99 -1.41 0.00	35.29 -1.06 0.00	31.91 -1.48 0.00	31.91 -1.33 0.00	29.16 -1.81 0.00	42.15 -2.40 0.00	74.73 -3.92 0.00	71.63 -5.26 0.00	96.81 -8.05 0.00	49.91 -4.23 0.00	43.39 -3.94 0.00	43.57 -3.81 0.00	36.20 -2.64 0.00	30.26 -2.46 0.00
HUNTLEY___64 23558	62.57 -1.23 0.00	54.21 -0.52 0.00	35.83 -0.81 0.00	44.86 -0.82 0.00	43.82 -0.90 0.00	46.51 -1.16 0.00	51.85 -1.63 0.00	57.90 -2.53 0.00	53.16 -2.94 0.00	40.50 -2.01 0.00	55.74 -1.25 0.00	41.99 -1.41 0.00	35.29 -1.06 0.00	31.91 -1.48 0.00	31.91 -1.33 0.00	29.16 -1.81 0.00	42.15 -2.40 0.00	74.73 -3.92 0.00	71.63 -5.26 0.00	96.81 -8.05 0.00	49.91 -4.23 0.00	43.39 -3.94 0.00	43.57 -3.81 0.00	36.20 -2.64 0.00	30.26 -2.46 0.00
HUNTLEY___65 23559	62.57 -1.23 0.00	54.21 -0.52 0.00	35.83 -0.81 0.00	44.86 -0.82 0.00	43.82 -0.90 0.00	46.51 -1.16 0.00	51.85 -1.63 0.00	57.90 -2.53 0.00	53.16 -2.94 0.00	40.50 -2.01 0.00	55.74 -1.25 0.00	41.99 -1.41 0.00	35.29 -1.06 0.00	31.91 -1.48 0.00	31.91 -1.33 0.00	29.16 -1.81 0.00	42.15 -2.40 0.00	74.73 -3.92 0.00	71.63 -5.26 0.00	96.81 -8.05 0.00	49.91 -4.23 0.00	43.39 -3.94 0.00	43.57 -3.81 0.00	36.20 -2.64 0.00	30.26 -2.46 0.00
HUNTLEY___66 23560	62.57 -1.23 0.00	54.21 -0.52 0.00	35.83 -0.81 0.00	44.86 -0.82 0.00	43.82 -0.90 0.00	46.51 -1.16 0.00	51.85 -1.63 0.00	57.90 -2.53 0.00	53.16 -2.94 0.00	40.50 -2.01 0.00	55.74 -1.25 0.00	41.99 -1.41 0.00	35.29 -1.06 0.00	31.91 -1.48 0.00	31.91 -1.33 0.00	29.16 -1.81 0.00	42.15 -2.40 0.00	74.73 -3.92 0.00	71.63 -5.26 0.00	96.81 -8.05 0.00	49.91 -4.23 0.00	43.39 -3.94 0.00	43.57 -3.81 0.00	36.20 -2.64 0.00	30.26 -2.46 0.00
HUNTLEY___67 23561	62.29 -1.52 0.00	53.94 -0.79 0.00	35.74 -0.90 0.00	44.77 -0.90 0.00	43.91 -0.81 0.00	46.59 -1.09 0.00	51.94 -1.54 0.00	58.05 -2.38 0.00	53.29 -2.82 0.00	40.65 -1.86 0.00	55.84 -1.15 0.00	42.08 -1.33 0.00	35.38 -0.97 0.00	32.01 -1.38 0.00	32.00 -1.24 0.00	29.27 -1.70 0.00	42.26 -2.29 0.00	74.89 -3.76 0.00	71.86 -5.03 0.00	97.21 -7.66 0.00	50.05 -4.09 0.00	43.49 -3.84 0.00	43.64 -3.74 0.00	36.26 -2.58 0.00	30.31 -2.41 0.00
HUNTLEY___68 23562	62.29 -1.52 0.00	53.94 -0.79 0.00	35.74 -0.90 0.00	44.77 -0.90 0.00	43.91 -0.81 0.00	46.59 -1.09 0.00	51.94 -1.54 0.00	58.05 -2.38 0.00	53.29 -2.82 0.00	40.65 -1.86 0.00	55.84 -1.15 0.00	42.08 -1.33 0.00	35.38 -0.97 0.00	32.01 -1.38 0.00	32.00 -1.24 0.00	29.27 -1.70 0.00	42.26 -2.29 0.00	74.89 -3.76 0.00	71.86 -5.03 0.00	97.21 -7.66 0.00	50.05 -4.09 0.00	43.49 -3.84 0.00	43.64 -3.74 0.00	36.26 -2.58 0.00	30.31 -2.41 0.00
HYLAND___LFGE	66.20	57.03	37.83	47.30	46.47	49.32	55.31	62.21	57.38	43.19	57.74	43.32	36.30	32.91	32.80	30.14	43.73	79.24	77.99	106.34	54.70	47.41	47.07	38.71	32.24

323620	2.39 0.00	2.29 0.00	1.20 0.00	1.62 0.00	1.76 0.00	1.65 0.00	1.83 0.00	1.78 0.00	1.27 0.00	0.68 0.00	0.76 0.00	-0.09 0.00	-0.06 0.00	-0.48 0.00	-0.43 0.00	-0.84 0.00	-0.82 0.00	0.59 0.00	1.09 0.00	1.46 0.00	0.56 0.00	0.07 0.00	-0.30 0.00	-0.14 0.00	-0.48 0.00
INDECK___CORINTH 23802	64.64 0.83 0.00	55.35 0.61 0.00	37.13 0.49 0.00	46.12 0.45 0.00	45.11 0.39 0.00	48.37 0.70 0.00	54.74 1.26 0.00	61.78 1.35 0.00	57.27 1.17 0.00	42.91 0.40 0.00	57.49 0.51 0.00	44.09 0.69 0.00	36.54 0.18 0.00	33.61 0.22 0.00	33.39 0.15 0.00	31.39 0.41 0.00	45.23 0.68 0.00	80.16 1.51 0.00	78.56 1.66 0.00	107.77 2.89 0.00	55.72 1.58 0.00	48.98 1.64 0.00	48.66 1.29 0.00	39.79 0.95 0.00	33.80 1.08 0.00
INDECK___ILION 23567	64.81 1.01 0.00	55.68 0.95 0.00	37.30 0.66 0.00	46.46 0.78 0.00	45.46 0.75 0.00	48.51 0.84 0.00	54.63 1.15 0.00	61.83 1.40 0.00	57.12 1.02 0.00	42.98 0.47 0.00	57.73 0.75 0.00	43.96 0.56 0.00	36.55 0.20 0.00	33.63 0.25 0.00	33.38 0.14 0.00	31.24 0.26 0.00	45.30 0.75 0.00	80.47 1.82 0.00	78.83 1.94 0.00	107.82 2.95 0.00	55.72 1.58 0.00	48.83 1.50 0.00	48.80 1.42 0.00	39.88 1.03 0.00	33.59 0.87 0.00
INDECK___OLEAN 23982	63.36 -0.44 0.00	54.85 0.11 0.00	36.46 -0.18 0.00	45.66 -0.02 0.00	44.85 0.13 0.00	47.51 -0.16 0.00	53.21 -0.27 0.00	59.76 -0.67 0.00	54.62 -1.48 0.00	41.74 -0.77 0.00	56.84 -0.14 0.00	43.11 -0.29 0.00	36.17 -0.18 0.00	32.77 -0.61 0.00	32.69 -0.55 0.00	29.96 -1.02 0.00	43.17 -1.38 0.00	76.63 -2.02 0.00	73.95 -2.94 0.00	100.61 -4.26 0.00	51.74 -2.40 0.00	44.96 -2.37 0.00	44.98 -2.39 0.00	37.27 -1.58 0.00	31.17 -1.55 0.00
INDECK___OSWEGO 23783	61.81 -1.99 0.00	53.05 -1.69 0.00	35.49 -1.15 0.00	44.25 -1.42 0.00	43.33 -1.38 0.00	46.21 -1.47 0.00	51.81 -1.67 0.00	58.45 -1.98 0.00	54.17 -1.94 0.00	41.08 -1.43 0.00	54.92 -2.06 0.00	41.79 -1.61 0.00	35.04 -1.32 0.00	32.17 -1.21 0.00	31.99 -1.25 0.00	29.85 -1.13 0.00	43.03 -1.53 0.00	76.23 -2.43 0.00	74.49 -2.40 0.00	101.57 -3.30 0.00	52.42 -1.73 0.00	45.83 -1.51 0.00	45.87 -1.51 0.00	37.56 -1.28 0.00	31.59 -1.13 0.00
INDECK___YERKES 23781	62.63 -1.18 0.00	54.24 -0.49 0.00	35.86 -0.78 0.00	44.90 -0.78 0.00	43.85 -0.87 0.00	46.55 -1.12 0.00	51.91 -1.57 0.00	57.93 -2.50 0.00	53.22 -2.89 0.00	40.54 -1.97 0.00	55.76 -1.22 0.00	42.02 -1.38 0.00	35.32 -1.04 0.00	31.93 -1.46 0.00	31.93 -1.31 0.00	29.19 -1.79 0.00	42.18 -2.37 0.00	74.79 -3.86 0.00	71.70 -5.19 0.00	96.86 -8.00 0.00	49.95 -4.19 0.00	43.41 -3.92 0.00	43.59 -3.78 0.00	36.23 -2.61 0.00	30.28 -2.44 0.00
INDIAN POINT_GT_1 24139	65.98 2.17 0.00	56.51 1.77 0.00	37.88 1.24 0.00	47.31 1.63 0.00	46.35 1.63 0.00	49.35 1.68 0.00	55.32 1.84 0.00	62.43 1.99 0.00	57.98 1.87 0.00	44.12 1.61 0.00	58.87 1.89 0.00	45.36 1.96 0.00	38.14 1.79 0.00	35.08 1.70 0.00	34.81 1.58 0.00	32.47 1.49 0.00	46.49 1.93 0.00	81.20 2.55 0.00	79.62 2.73 0.00	109.03 4.16 0.00	56.30 2.15 0.00	49.41 2.08 0.00	49.67 2.29 0.00	40.83 1.99 0.00	34.44 1.72 0.00
INDIAN POINT_GT_2 23659	65.98 2.17 0.00	56.51 1.77 0.00	37.88 1.24 0.00	47.31 1.63 0.00	46.35 1.63 0.00	49.35 1.68 0.00	55.32 1.84 0.00	62.43 1.99 0.00	57.98 1.87 0.00	44.12 1.61 0.00	58.87 1.89 0.00	45.36 1.96 0.00	38.14 1.79 0.00	35.08 1.70 0.00	34.81 1.58 0.00	32.47 1.49 0.00	46.49 1.93 0.00	81.20 2.55 0.00	79.62 2.73 0.00	109.03 4.16 0.00	56.30 2.15 0.00	49.41 2.08 0.00	49.67 2.29 0.00	40.83 1.99 0.00	34.44 1.72 0.00
INDIAN POINT_GT_3 24019	65.98 2.17 0.00	56.51 1.77 0.00	37.88 1.24 0.00	47.31 1.63 0.00	46.35 1.63 0.00	49.35 1.68 0.00	55.32 1.84 0.00	62.43 1.99 0.00	57.98 1.87 0.00	44.12 1.61 0.00	58.87 1.89 0.00	45.36 1.96 0.00	38.14 1.79 0.00	35.08 1.70 0.00	34.81 1.58 0.00	32.47 1.49 0.00	46.49 1.93 0.00	81.20 2.55 0.00	79.62 2.73 0.00	109.03 4.16 0.00	56.30 2.15 0.00	49.41 2.08 0.00	49.67 2.29 0.00	40.83 1.99 0.00	34.44 1.72 0.00
INDIAN POINT___2 23530	65.97 2.17 0.00	56.52 1.79 0.00	37.89 1.25 0.00	47.32 1.64 0.00	46.35 1.63 0.00	49.35 1.68 0.00	55.32 1.84 0.00	62.46 2.03 0.00	57.97 1.87 0.00	44.10 1.58 0.00	58.86 1.88 0.00	45.34 1.94 0.00	38.13 1.78 0.00	35.06 1.68 0.00	34.81 1.57 0.00	32.45 1.47 0.00	46.47 1.92 0.00	81.20 2.55 0.00	79.65 2.76 0.00	109.10 4.22 0.00	56.30 2.16 0.00	49.39 2.05 0.00	49.65 2.28 0.00	40.82 1.98 0.00	34.43 1.71 0.00
INDIAN POINT___3 23531	65.95 2.15 0.00	56.50 1.76 0.00	37.87 1.24 0.00	47.31 1.63 0.00	46.35 1.63 0.00	49.35 1.68 0.00	55.32 1.84 0.00	62.42 1.98 0.00	57.97 1.86 0.00	44.12 1.61 0.00	58.87 1.89 0.00	45.38 1.98 0.00	38.16 1.80 0.00	35.09 1.71 0.00	34.82 1.58 0.00	32.48 1.50 0.00	46.50 1.94 0.00	81.19 2.54 0.00	79.61 2.72 0.00	109.01 4.14 0.00	56.28 2.14 0.00	49.41 2.08 0.00	49.66 2.29 0.00	40.83 1.99 0.00	34.44 1.72 0.00
INGHAM_C_115KV_TB7 356103	66.24 2.43 0.00	56.96 2.22 0.00	38.19 1.55 0.00	47.48 1.80 0.00	46.46 1.74 0.00	49.64 1.97 0.00	56.12 2.64 0.00	63.68 3.25 0.00	58.40 2.29 0.00	43.52 1.00 0.00	58.65 1.67 0.00	44.60 1.20 0.00	36.73 0.38 0.00	33.85 0.47 0.00	33.49 0.26 0.00	31.48 0.50 0.00	46.11 1.56 0.00	82.71 4.06 0.00	81.26 4.37 0.00	111.38 6.51 0.00	57.63 3.49 0.00	50.62 3.29 0.00	50.48 3.10 0.00	41.15 2.31 0.00	34.69 1.97 0.00
IP CORINTH___1 23988	65.02 1.21 0.00	55.68 0.95 0.00	37.34 0.70 0.00	46.37 0.70 0.00	45.36 0.64 0.00	48.65 0.97 0.00	55.05 1.57 0.00	62.14 1.71 0.00	57.61 1.50 0.00	43.15 0.64 0.00	57.80 0.82 0.00	44.34 0.93 0.00	36.73 0.38 0.00	33.79 0.40 0.00	33.57 0.33 0.00	31.56 0.58 0.00	45.47 0.92 0.00	80.60 1.94 0.00	78.98 2.09 0.00	108.36 3.49 0.00	56.02 1.88 0.00	49.25 1.92 0.00	48.94 1.56 0.00	40.01 1.17 0.00	33.97 1.26 0.00
IP___TICONDEROGA 23804	68.91 5.10 0.00	59.05 4.31 0.00	39.73 3.09 0.00	48.88 3.21 0.00	47.70 2.98 0.00	51.55 3.88 0.00	58.74 5.26 0.00	66.02 5.59 0.00	60.90 4.79 0.00	44.85 2.33 0.00	59.83 2.85 0.00	46.36 2.96 0.00	38.27 1.92 0.00	35.42 2.03 0.00	35.03 1.80 0.00	32.91 1.93 0.00	46.95 2.40 0.00	84.62 5.97 0.00	83.17 6.28 0.00	114.81 9.94 0.00	59.71 5.57 0.00	52.43 5.09 0.00	51.57 4.20 0.00	41.83 2.98 0.00	35.76 3.04 0.00
ISLIP_RES_REC 323679	35.76 0.89 28.94	58.62 0.82 -3.06	42.01 0.71 -4.66	46.86 1.19 0.00	45.83 1.23 0.12	48.85 1.18 0.00	54.66 1.18 0.00	61.43 1.00 0.00	57.08 1.17 0.20	44.60 1.02 -1.06	118.51 1.48 -60.06	191.88 1.87 -146.62	44.91 1.90 -6.66	35.14 1.74 -0.02	36.04 1.29 -1.52	32.44 1.46 0.00	47.42 1.73 -1.13	90.37 1.96 -9.76	82.47 2.46 -3.12	109.80 4.14 -0.79	58.54 2.11 -2.29	49.35 2.01 0.00	49.58 2.21 0.00	36.80 1.68 3.72	34.34 1.62 0.00
JAMAICA__27_KV_LOAD	66.29	56.65	37.93	47.21	46.24	49.22	55.20	62.38	57.97	44.32	59.05	45.64	38.42	35.38	35.08	32.75	46.81	81.42	79.86	109.36	56.48	49.68	50.08	41.16	34.70

355505	2.48 0.00	1.91 0.00	1.30 0.01	1.56 0.02	1.54 0.02	1.57 0.02	1.73 0.01	1.95 0.00	1.87 0.00	1.81 0.00	2.07 0.00	2.23 0.00	2.07 0.00	1.99 0.00	1.84 0.00	1.77 0.00	2.26 0.00	2.77 0.00	2.97 0.00	4.49 0.00	2.33 0.00	2.34 0.00	2.70 0.00	2.32 0.00	1.98 0.00
JANIS___SOLAR 323808	66.07 2.26 0.00	56.68 1.95 0.00	37.84 1.20 0.00	47.22 1.55 0.00	46.37 1.65 0.00	49.40 1.73 0.00	55.54 2.06 0.00	62.80 2.37 0.00	58.09 1.99 0.00	43.44 0.93 0.00	57.62 0.64 0.00	43.56 0.16 0.00	36.34 -0.02 0.00	33.29 -0.09 0.00	33.09 -0.15 0.00	30.88 -0.09 0.00	45.21 0.65 0.00	81.40 2.75 0.00	80.01 3.12 0.00	109.08 4.21 0.00	56.29 2.15 0.00	48.96 1.62 0.00	48.71 1.33 0.00	39.76 0.92 0.00	33.28 0.55 0.00
JARVIS____ 23743	63.80 -0.01 0.00	54.74 0.00 0.00	36.64 0.00 0.00	45.67 0.00 0.00	44.71 -0.01 0.00	47.65 -0.02 0.00	53.48 0.00 0.00	60.48 0.04 0.00	56.14 0.03 0.00	42.51 0.00 0.00	56.95 -0.03 0.00	43.40 0.00 0.00	36.33 -0.02 0.00	33.39 0.00 0.00	33.24 0.00 0.00	31.01 0.03 0.00	44.63 0.08 0.00	78.71 0.06 0.00	76.96 0.07 0.00	105.06 0.19 0.00	54.25 0.11 0.00	47.49 0.16 0.00	47.53 0.15 0.00	38.96 0.12 0.00	32.82 0.10 0.00
JENNISON___1 23625	66.25 2.44 0.00	56.80 2.06 0.00	37.96 1.31 0.00	47.41 1.73 0.00	46.53 1.81 0.00	49.58 1.91 0.00	55.78 2.30 0.00	63.07 2.64 0.00	58.37 2.27 0.00	43.93 1.41 0.00	58.72 1.74 0.00	44.56 1.16 0.00	37.14 0.79 0.00	34.00 0.61 0.00	33.72 0.48 0.00	31.45 0.48 0.00	45.98 1.43 0.00	82.03 3.38 0.00	80.29 3.40 0.00	109.45 4.58 0.00	56.42 2.28 0.00	48.93 1.60 0.00	48.65 1.27 0.00	39.59 0.75 0.00	33.06 0.34 0.00
JENNISON___2 23626	66.25 2.44 0.00	56.80 2.06 0.00	37.96 1.31 0.00	47.41 1.73 0.00	46.53 1.81 0.00	49.58 1.91 0.00	55.78 2.30 0.00	63.07 2.64 0.00	58.37 2.27 0.00	43.93 1.41 0.00	58.72 1.74 0.00	44.56 1.16 0.00	37.14 0.79 0.00	34.00 0.61 0.00	33.72 0.48 0.00	31.45 0.48 0.00	45.98 1.43 0.00	82.03 3.38 0.00	80.29 3.40 0.00	109.45 4.58 0.00	56.42 2.28 0.00	48.93 1.60 0.00	48.65 1.27 0.00	39.59 0.75 0.00	33.06 0.34 0.00
JERICHO_RISE_WT_PWR 323719	65.30 1.50 0.00	55.99 1.26 0.00	37.62 0.98 0.00	46.86 1.18 0.00	45.87 1.15 0.00	48.93 1.26 0.00	54.83 1.35 0.00	61.88 1.44 0.00	57.65 1.54 0.00	43.76 1.25 0.00	58.90 1.92 0.00	44.63 1.23 0.00	37.31 0.95 0.00	34.11 0.72 0.00	33.91 0.67 0.00	31.49 0.52 0.00	45.22 0.66 0.00	80.40 1.75 0.00	78.84 1.95 0.00	107.23 2.36 0.00	55.07 0.93 0.00	47.80 0.46 0.00	47.73 0.35 0.00	39.14 0.30 0.00	32.92 0.20 0.00
KATONAH___115KV_46KV_TB4 355592	66.19 2.38 0.00	56.66 1.92 0.00	38.00 1.36 0.00	47.47 1.79 0.00	46.51 1.79 0.00	49.53 1.86 0.00	55.53 2.05 0.00	62.68 2.24 0.00	58.25 2.14 0.00	44.34 1.83 0.00	59.17 2.19 0.00	45.57 2.17 0.00	38.31 1.96 0.00	35.23 1.85 0.00	34.97 1.73 0.00	32.62 1.65 0.00	46.69 2.14 0.00	81.49 2.85 0.00	79.93 3.04 0.00	109.44 4.57 0.00	56.52 2.38 0.00	49.64 2.31 0.00	49.89 2.51 0.00	40.98 2.14 0.00	34.57 1.85 0.00
KCE_NY_1 323755	65.42 1.62 0.00	56.09 1.35 0.00	37.55 0.91 0.00	46.67 1.00 0.00	45.65 0.93 0.00	48.86 1.19 0.00	55.21 1.73 0.00	62.53 2.10 0.00	57.94 1.83 0.00	43.56 1.05 0.00	58.33 1.35 0.00	44.60 1.20 0.00	37.07 0.72 0.00	34.15 0.76 0.00	33.98 0.74 0.00	31.90 0.93 0.00	46.02 1.47 0.00	81.18 2.53 0.00	79.41 2.52 0.00	108.77 3.90 0.00	56.21 2.06 0.00	49.38 2.04 0.00	49.22 1.84 0.00	40.27 1.43 0.00	34.09 1.38 0.00
KCE_NY_6_ESR 323823	62.94 -0.87 0.00	54.46 -0.28 0.00	36.10 -0.54 0.00	45.22 -0.46 0.00	44.36 -0.36 0.00	47.03 -0.64 0.00	52.51 -0.97 0.00	58.77 -1.67 0.00	53.93 -2.18 0.00	41.12 -1.39 0.00	56.41 -0.58 0.00	42.54 -0.86 0.00	35.76 -0.60 0.00	32.31 -1.07 0.00	32.27 -0.97 0.00	29.56 -1.42 0.00	42.71 -1.84 0.00	75.80 -2.85 0.00	72.81 -4.08 0.00	98.62 -6.25 0.00	50.76 -3.38 0.00	44.04 -3.29 0.00	44.08 -3.30 0.00	36.60 -2.25 0.00	30.55 -2.17 0.00
KEDC_PORT_JEFF_GT2 24210	34.43 0.64 30.01	47.21 0.58 8.11	38.44 0.56 -1.24	46.66 0.99 0.00	45.24 1.03 0.52	48.65 0.98 0.00	54.43 0.95 0.00	61.14 0.72 0.00	56.72 0.82 0.20	43.08 0.76 0.19	74.63 1.16 -16.49	85.32 1.66 -40.26	39.91 1.72 -1.83	34.96 1.57 -0.01	34.77 1.12 -0.42	32.26 1.28 0.00	46.32 1.45 -0.31	82.73 1.40 -2.68	79.62 1.88 -0.86	108.39 3.30 -0.22	56.48 1.71 -0.63	49.00 1.67 0.00	49.25 1.88 0.00	36.49 1.42 3.78	34.14 1.42 0.00
KEDC_PORT_JEFF_GT3 24211	34.43 0.64 30.01	47.21 0.58 8.11	38.44 0.56 -1.24	46.66 0.99 0.00	45.24 1.03 0.52	48.65 0.98 0.00	54.43 0.95 0.00	61.14 0.72 0.00	56.72 0.82 0.20	43.08 0.76 0.19	74.63 1.16 -16.49	85.32 1.66 -40.26	39.91 1.72 -1.83	34.96 1.57 -0.01	34.77 1.12 -0.42	32.26 1.28 0.00	46.32 1.45 -0.31	82.73 1.40 -2.68	79.62 1.88 -0.86	108.39 3.30 -0.22	56.48 1.71 -0.63	49.00 1.67 0.00	49.25 1.88 0.00	36.49 1.42 3.78	34.14 1.42 0.00
KEDC_GLWD_GT4 24219	58.04 2.27 8.03	56.23 1.88 0.39	38.00 1.36 0.00	47.56 1.89 0.00	46.59 1.87 0.00	49.57 1.90 0.00	55.51 2.03 0.00	62.50 2.07 0.00	58.05 2.00 0.06	44.08 1.77 0.20	59.21 2.23 0.00	45.75 2.34 0.00	38.50 2.15 0.00	35.37 1.98 0.00	35.00 1.76 0.00	32.70 1.72 0.00	46.73 2.18 0.00	81.44 2.79 0.00	79.87 2.98 0.00	109.54 4.67 0.00	56.60 2.45 0.00	49.69 2.36 0.00	49.95 2.58 0.00	39.83 2.13 1.14	34.64 1.92 0.00
KEDC_GLWD_GT5 24220	58.04 2.27 8.03	56.23 1.88 0.39	38.00 1.36 0.00	47.56 1.89 0.00	46.59 1.87 0.00	49.57 1.90 0.00	55.51 2.03 0.00	62.50 2.07 0.00	58.05 2.00 0.06	44.08 1.77 0.20	59.21 2.23 0.00	45.75 2.34 0.00	38.50 2.15 0.00	35.37 1.98 0.00	35.00 1.76 0.00	32.70 1.72 0.00	46.73 2.18 0.00	81.44 2.79 0.00	79.87 2.98 0.00	109.54 4.67 0.00	56.60 2.45 0.00	49.69 2.36 0.00	49.95 2.58 0.00	39.83 2.13 1.14	34.64 1.92 0.00
KENSICO____ 23655	66.03 2.22 0.00	56.55 1.81 0.00	37.93 1.29 0.00	47.38 1.71 0.00	46.41 1.69 0.00	49.41 1.74 0.00	55.37 1.89 0.00	62.47 2.04 0.00	58.04 1.93 0.00	44.18 1.67 0.00	58.98 2.00 0.00	45.46 2.06 0.00	38.23 1.88 0.00	35.16 1.77 0.00	34.89 1.65 0.00	32.55 1.57 0.00	46.57 2.02 0.00	81.28 2.63 0.00	79.69 2.80 0.00	109.12 4.25 0.00	56.36 2.21 0.00	49.49 2.16 0.00	49.76 2.38 0.00	40.90 2.06 0.00	34.51 1.79 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	66.59 2.78 0.00	57.00 2.26 0.00	38.18 1.54 0.00	47.67 2.00 0.00	46.72 2.00 0.00	49.76 2.09 0.00	55.87 2.39 0.00	63.14 2.71 0.00	58.63 2.52 0.00	44.46 1.95 0.00	59.19 2.21 0.00	45.32 1.92 0.00	38.00 1.65 0.00	34.97 1.58 0.00	34.78 1.55 0.00	32.48 1.50 0.00	46.74 2.18 0.00	82.16 3.51 0.00	80.67 3.78 0.00	110.41 5.54 0.00	57.02 2.87 0.00	49.93 2.59 0.00	50.09 2.71 0.00	41.12 2.27 0.00	34.61 1.89 0.00
KIAC_JFK_GT1	65.90	56.32	37.72	46.95	45.99	48.96	54.87	62.02	57.65	44.07	58.73	45.39	38.22	35.20	34.89	32.58	46.54	80.85	79.06	108.29	55.93	49.21	49.76	40.92	34.53

356100	3.60 0.00	2.99 0.00	2.02 0.00	2.53 0.00	2.52 0.00	2.64 0.00	2.74 0.00	3.07 0.00	3.10 0.00	2.32 0.00	3.17 0.00	1.84 0.00	1.49 0.00	1.14 0.00	1.02 0.00	0.80 0.00	1.26 0.00	3.88 0.00	4.78 0.00	6.08 0.00	2.94 0.00	1.91 0.00	2.07 0.00	1.60 0.00	1.22 0.00
LI_NEWBRDGE___DRP 323616	36.41 1.36 28.75	54.53 1.17 1.38	37.56 0.92 0.00	47.08 1.40 0.00	46.13 1.41 0.00	49.05 1.38 0.00	54.87 1.39 0.00	61.69 1.26 0.00	57.18 1.29 0.22	42.99 1.18 0.71	58.55 1.57 0.00	45.32 1.92 0.00	38.16 1.81 0.00	35.04 1.66 0.00	34.57 1.34 0.00	32.35 1.37 0.00	46.16 1.61 0.00	80.35 1.71 0.00	78.86 1.97 0.00	108.24 3.38 0.00	55.95 1.81 0.00	49.11 1.77 0.00	49.37 2.00 0.00	36.36 1.61 4.09	34.27 1.55 0.00
LOCKPORT_115KV_TB60_63_64 80432	62.09 -1.71 0.00	53.81 -0.93 0.00	35.62 -1.02 0.00	44.67 -1.00 0.00	43.80 -0.92 0.00	46.50 -1.17 0.00	51.83 -1.65 0.00	57.80 -2.64 0.00	53.06 -3.05 0.00	40.38 -2.13 0.00	55.54 -1.44 0.00	41.85 -1.56 0.00	35.17 -1.18 0.00	31.81 -1.58 0.00	31.81 -1.43 0.00	29.05 -1.92 0.00	41.97 -2.59 0.00	74.55 -4.10 0.00	71.47 -5.42 0.00	96.65 -8.22 0.00	49.81 -4.33 0.00	43.33 -4.00 0.00	43.53 -3.85 0.00	36.24 -2.61 0.00	30.30 -2.42 0.00
LOCKPORT___CC1 323769	62.10 -1.70 0.00	53.81 -0.93 0.00	35.63 -1.01 0.00	44.68 -1.00 0.00	43.82 -0.90 0.00	46.52 -1.15 0.00	51.86 -1.62 0.00	57.84 -2.59 0.00	53.10 -3.00 0.00	40.42 -2.10 0.00	55.59 -1.39 0.00	41.88 -1.52 0.00	35.20 -1.16 0.00	31.83 -1.56 0.00	31.84 -1.40 0.00	29.08 -1.90 0.00	42.01 -2.55 0.00	74.55 -4.11 0.00	71.49 -5.40 0.00	96.67 -8.20 0.00	49.81 -4.33 0.00	43.33 -4.01 0.00	43.50 -3.88 0.00	36.21 -2.63 0.00	30.28 -2.45 0.00
LOCKPORT___CC2 323770	62.10 -1.70 0.00	53.81 -0.93 0.00	35.63 -1.01 0.00	44.68 -1.00 0.00	43.82 -0.90 0.00	46.52 -1.15 0.00	51.86 -1.62 0.00	57.84 -2.59 0.00	53.10 -3.00 0.00	40.42 -2.10 0.00	55.59 -1.39 0.00	41.88 -1.52 0.00	35.20 -1.16 0.00	31.83 -1.56 0.00	31.84 -1.40 0.00	29.08 -1.90 0.00	42.01 -2.55 0.00	74.55 -4.11 0.00	71.49 -5.40 0.00	96.67 -8.20 0.00	49.81 -4.33 0.00	43.33 -4.01 0.00	43.50 -3.88 0.00	36.21 -2.63 0.00	30.28 -2.45 0.00
LOCKPORT___CC3 323771	62.10 -1.70 0.00	53.81 -0.93 0.00	35.63 -1.01 0.00	44.68 -1.00 0.00	43.82 -0.90 0.00	46.52 -1.15 0.00	51.86 -1.62 0.00	57.84 -2.59 0.00	53.10 -3.00 0.00	40.42 -2.10 0.00	55.59 -1.39 0.00	41.88 -1.52 0.00	35.20 -1.16 0.00	31.83 -1.56 0.00	31.84 -1.40 0.00	29.08 -1.90 0.00	42.01 -2.55 0.00	74.55 -4.11 0.00	71.49 -5.40 0.00	96.67 -8.20 0.00	49.81 -4.33 0.00	43.33 -4.01 0.00	43.50 -3.88 0.00	36.21 -2.63 0.00	30.28 -2.45 0.00
LOCUSVLY_69_KV_BK2 55797	53.04 1.98 12.74	55.80 1.67 0.61	37.88 1.24 0.00	47.45 1.77 0.00	46.51 1.79 0.00	49.47 1.80 0.00	55.35 1.87 0.00	62.26 1.83 0.00	57.79 1.78 0.09	43.79 1.59 0.31	59.05 2.07 0.00	45.68 2.28 0.00	38.47 2.11 0.00	35.34 1.95 0.00	34.89 1.66 0.00	32.63 1.65 0.00	46.57 2.02 0.00	81.15 2.50 0.00	79.63 2.74 0.00	109.27 4.40 0.00	56.45 2.31 0.00	49.54 2.20 0.00	49.79 2.41 0.00	38.99 1.96 1.81	34.52 1.80 0.00
LONG_LAKE_PHOENIX 24014	62.07 -1.74 0.00	53.27 -1.47 0.00	35.61 -1.03 0.00	44.41 -1.26 0.00	43.50 -1.22 0.00	46.37 -1.30 0.00	52.05 -1.43 0.00	58.75 -1.69 0.00	54.35 -1.76 0.00	41.24 -1.27 0.00	55.14 -1.84 0.00	42.00 -1.40 0.00	35.23 -1.12 0.00	32.38 -1.01 0.00	32.13 -1.10 0.00	30.00 -0.98 0.00	43.28 -1.27 0.00	76.56 -2.09 0.00	74.79 -2.10 0.00	101.99 -2.88 0.00	52.65 -1.49 0.00	46.03 -1.31 0.00	46.03 -1.35 0.00	37.71 -1.13 0.00	31.73 -0.99 0.00
LOVETT___3 23632	65.99 2.19 0.00	56.53 1.80 0.00	37.89 1.25 0.00	47.35 1.67 0.00	46.37 1.65 0.00	49.37 1.70 0.00	55.34 1.86 0.00	62.47 2.04 0.00	57.98 1.87 0.00	44.12 1.61 0.00	58.91 1.93 0.00	45.38 1.98 0.00	38.16 1.81 0.00	35.10 1.71 0.00	34.83 1.60 0.00	32.49 1.51 0.00	46.50 1.94 0.00	81.22 2.57 0.00	79.65 2.76 0.00	109.09 4.22 0.00	56.31 2.16 0.00	49.41 2.08 0.00	49.69 2.31 0.00	40.85 2.01 0.00	34.45 1.73 0.00
LOVETT___4 23642	65.99 2.19 0.00	56.53 1.80 0.00	37.89 1.25 0.00	47.35 1.67 0.00	46.37 1.65 0.00	49.37 1.70 0.00	55.34 1.86 0.00	62.47 2.04 0.00	57.98 1.87 0.00	44.12 1.61 0.00	58.91 1.93 0.00	45.38 1.98 0.00	38.16 1.81 0.00	35.10 1.71 0.00	34.83 1.60 0.00	32.49 1.51 0.00	46.50 1.94 0.00	81.22 2.57 0.00	79.65 2.76 0.00	109.09 4.22 0.00	56.31 2.16 0.00	49.41 2.08 0.00	49.69 2.31 0.00	40.85 2.01 0.00	34.45 1.73 0.00
LOVETT___5 23593	65.99 2.19 0.00	56.53 1.80 0.00	37.89 1.25 0.00	47.35 1.67 0.00	46.37 1.65 0.00	49.37 1.70 0.00	55.34 1.86 0.00	62.47 2.04 0.00	57.98 1.87 0.00	44.12 1.61 0.00	58.91 1.93 0.00	45.38 1.98 0.00	38.16 1.81 0.00	35.10 1.71 0.00	34.83 1.60 0.00	32.49 1.51 0.00	46.50 1.94 0.00	81.22 2.57 0.00	79.65 2.76 0.00	109.09 4.22 0.00	56.31 2.16 0.00	49.41 2.08 0.00	49.69 2.31 0.00	40.85 2.01 0.00	34.45 1.73 0.00
LOWER RAQUET___HYD 24057	66.66 2.86 0.00	57.12 2.38 0.00	38.27 1.63 0.00	47.71 2.04 0.00	46.75 2.03 0.00	49.78 2.11 0.00	55.59 2.11 0.00	62.77 2.33 0.00	58.52 2.42 0.00	44.36 1.85 0.00	59.59 2.61 0.00	44.96 1.56 0.00	37.60 1.24 0.00	34.32 0.94 0.00	34.10 0.87 0.00	31.65 0.67 0.00	45.64 1.09 0.00	81.75 3.10 0.00	80.66 3.77 0.00	109.56 4.69 0.00	56.34 2.19 0.00	48.67 1.33 0.00	48.90 1.52 0.00	39.99 1.15 0.00	33.57 0.85 0.00
LOWER___HUDSON 24059	64.39 0.59 0.00	55.23 0.49 0.00	37.00 0.35 0.00	45.94 0.26 0.00	44.89 0.17 0.00	48.03 0.36 0.00	54.30 0.82 0.00	61.59 1.15 0.00	57.15 1.04 0.00	43.10 0.59 0.00	57.54 0.56 0.00	43.98 0.58 0.00	36.67 0.31 0.00	33.78 0.40 0.00	33.73 0.49 0.00	31.74 0.76 0.00	45.50 0.94 0.00	79.85 1.20 0.00	78.05 1.16 0.00	107.04 2.17 0.00	55.34 1.19 0.00	48.70 1.37 0.00	48.57 1.20 0.00	39.77 0.92 0.00	33.71 0.99 0.00
LOWVILLE_115KV_TB2 356335	65.32 1.51 0.00	56.05 1.31 0.00	37.52 0.88 0.00	46.86 1.18 0.00	45.93 1.22 0.00	48.86 1.19 0.00	54.16 0.68 0.00	61.21 0.78 0.00	57.15 1.04 0.00	43.45 0.94 0.00	57.92 0.94 0.00	43.30 -0.10 0.00	36.13 -0.22 0.00	32.96 -0.43 0.00	32.67 -0.57 0.00	30.56 -0.42 0.00	44.63 0.08 0.00	80.64 1.99 0.00	79.57 2.68 0.00	108.05 3.18 0.00	55.44 1.30 0.00	48.25 0.91 0.00	48.37 0.99 0.00	39.05 0.21 0.00	32.59 -0.13 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	65.39 1.58 0.00	56.06 1.32 0.00	37.54 0.90 0.00	46.65 0.98 0.00	45.64 0.92 0.00	48.83 1.16 0.00	55.17 1.68 0.00	62.47 2.04 0.00	57.90 1.79 0.00	43.54 1.03 0.00	58.30 1.32 0.00	44.57 1.17 0.00	37.06 0.71 0.00	34.10 0.72 0.00	33.96 0.72 0.00	31.90 0.92 0.00	45.97 1.41 0.00	81.11 2.46 0.00	79.36 2.47 0.00	108.70 3.83 0.00	56.17 2.03 0.00	49.35 2.01 0.00	49.18 1.80 0.00	40.25 1.41 0.00	34.08 1.36 0.00
LUTHERNY_35_KV_BK2	65.42	56.08	37.55	46.67	45.65	48.86	55.21	62.53	57.94	43.56	58.34	44.60	37.07	34.15	33.98	31.90	46.02	81.18	79.42	108.77	56.21	49.38	49.21	40.28	34.10

355980	1.62 0.00	1.34 0.00	0.91 0.00	1.00 0.00	0.94 0.00	1.19 0.00	1.73 0.00	2.10 0.00	1.83 0.00	1.05 0.00	1.36 0.00	1.20 0.00	0.72 0.00	0.76 0.00	0.74 0.00	0.93 0.00	1.47 0.00	2.53 0.00	2.52 0.00	3.90 0.00	2.06 0.00	2.05 0.00	1.84 0.00	1.43 0.00	1.38 0.00
LWR___OSWEGATCHIE_HYD 23850	65.73 1.93 0.00	56.36 1.62 0.00	37.75 1.11 0.00	47.10 1.43 0.00	46.17 1.45 0.00	49.13 1.46 0.00	54.57 1.09 0.00	61.60 1.16 0.00	57.49 1.38 0.00	43.63 1.12 0.00	58.35 1.37 0.00	43.80 0.40 0.00	36.57 0.21 0.00	33.36 -0.02 0.00	33.12 -0.12 0.00	30.85 -0.13 0.00	44.74 0.19 0.00	80.67 2.01 0.00	79.62 2.73 0.00	108.15 3.28 0.00	55.54 1.40 0.00	48.16 0.83 0.00	48.35 0.98 0.00	39.30 0.46 0.00	32.92 0.20 0.00
LYONS_FALL_HYD 23570	65.14 1.33 0.00	55.90 1.16 0.00	37.41 0.77 0.00	46.71 1.03 0.00	45.78 1.06 0.00	48.73 1.06 0.00	54.29 0.81 0.00	61.40 0.97 0.00	57.18 1.07 0.00	43.40 0.89 0.00	57.96 0.98 0.00	43.53 0.12 0.00	36.38 0.02 0.00	33.25 -0.14 0.00	32.99 -0.24 0.00	30.84 -0.14 0.00	44.88 0.33 0.00	80.51 1.86 0.00	79.21 2.32 0.00	107.75 2.88 0.00	55.41 1.27 0.00	48.29 0.95 0.00	48.35 0.97 0.00	39.23 0.39 0.00	32.84 0.12 0.00
MADISON___COUNTY_LFGE 323628	64.93 1.13 0.00	55.73 0.99 0.00	37.33 0.69 0.00	46.60 0.93 0.00	45.69 0.97 0.00	48.69 1.01 0.00	54.69 1.21 0.00	61.89 1.46 0.00	57.37 1.26 0.00	43.40 0.88 0.00	58.08 1.10 0.00	43.70 0.30 0.00	36.61 0.26 0.00	33.56 0.17 0.00	33.36 0.12 0.00	31.12 0.15 0.00	45.13 0.57 0.00	80.35 1.70 0.00	78.73 1.84 0.00	107.34 2.47 0.00	55.37 1.22 0.00	48.31 0.98 0.00	48.27 0.89 0.00	39.45 0.61 0.00	33.15 0.44 0.00
MALONE___115KV_TB1 356076	66.36 2.55 0.00	56.83 2.09 0.00	38.13 1.49 0.00	47.52 1.84 0.00	46.54 1.82 0.00	49.62 1.95 0.00	55.57 2.09 0.00	62.74 2.31 0.00	58.51 2.40 0.00	44.45 1.94 0.00	59.86 2.88 0.00	45.31 1.91 0.00	37.83 1.48 0.00	34.55 1.17 0.00	34.30 1.07 0.00	31.83 0.85 0.00	45.71 1.16 0.00	81.71 3.06 0.00	80.41 3.52 0.00	109.40 4.53 0.00	56.14 2.00 0.00	48.82 1.48 0.00	48.61 1.24 0.00	39.81 0.97 0.00	33.43 0.71 0.00
MAPLEWOD_115KV_TB3 80458	64.58 0.77 0.00	55.36 0.62 0.00	37.07 0.43 0.00	46.10 0.43 0.00	45.07 0.34 0.00	48.17 0.50 0.00	54.36 0.88 0.00	61.58 1.15 0.00	57.19 1.09 0.00	43.18 0.67 0.00	57.65 0.67 0.00	44.11 0.71 0.00	36.85 0.49 0.00	33.92 0.54 0.00	33.85 0.61 0.00	31.78 0.80 0.00	45.59 1.03 0.00	79.99 1.34 0.00	78.26 1.37 0.00	107.15 2.28 0.00	55.39 1.25 0.00	48.69 1.36 0.00	48.66 1.28 0.00	39.85 1.01 0.00	33.72 1.00 0.00
MAPLE_RIDGE_WT_1 323574	64.13 0.32 0.00	55.00 0.26 0.00	36.82 0.18 0.00	45.87 0.20 0.00	44.89 0.17 0.00	47.61 -0.06 0.00	52.96 -0.52 0.00	59.97 -0.46 0.00	56.14 0.03 0.00	42.68 0.17 0.00	57.29 0.31 0.00	43.55 0.15 0.00	36.45 0.10 0.00	33.37 -0.01 0.00	33.22 -0.01 0.00	30.99 0.01 0.00	44.62 0.06 0.00	78.85 0.20 0.00	77.23 0.33 0.00	104.99 0.12 0.00	54.08 -0.06 0.00	47.13 -0.20 0.00	47.13 -0.24 0.00	38.47 -0.37 0.00	32.27 -0.45 0.00
MAPLE_RIDGE_WT_2 323611	64.13 0.32 0.00	55.00 0.26 0.00	36.82 0.18 0.00	45.87 0.20 0.00	44.89 0.17 0.00	47.61 -0.06 0.00	52.96 -0.52 0.00	59.97 -0.46 0.00	56.14 0.03 0.00	42.68 0.17 0.00	57.29 0.31 0.00	43.55 0.15 0.00	36.45 0.10 0.00	33.37 -0.01 0.00	33.22 -0.01 0.00	30.99 0.01 0.00	44.62 0.06 0.00	78.85 0.20 0.00	77.23 0.33 0.00	104.99 0.12 0.00	54.08 -0.06 0.00	47.13 -0.20 0.00	47.13 -0.24 0.00	38.47 -0.37 0.00	32.27 -0.45 0.00
MARBLE_RIVER_WT_PWR 323696	65.33 1.53 0.00	56.00 1.26 0.00	37.64 1.00 0.00	46.88 1.20 0.00	45.88 1.16 0.00	48.95 1.28 0.00	54.89 1.41 0.00	61.92 1.49 0.00	57.66 1.55 0.00	43.75 1.24 0.00	58.89 1.91 0.00	44.62 1.22 0.00	37.30 0.95 0.00	34.12 0.74 0.00	33.93 0.69 0.00	31.51 0.53 0.00	45.19 0.64 0.00	80.33 1.68 0.00	78.72 1.82 0.00	107.13 2.26 0.00	55.04 0.90 0.00	47.78 0.44 0.00	47.71 0.33 0.00	39.14 0.30 0.00	32.95 0.23 0.00
MARSHVLE_115KV_TB1 80742	64.88 1.07 0.00	55.67 0.93 0.00	37.23 0.59 0.00	46.48 0.80 0.00	45.52 0.81 0.00	48.53 0.86 0.00	54.30 0.82 0.00	61.38 0.95 0.00	56.97 0.87 0.00	42.61 0.10 0.00	57.63 0.65 0.00	43.82 0.41 0.00	36.41 0.06 0.00	33.33 -0.06 0.00	33.13 -0.10 0.00	30.68 -0.30 0.00	44.56 0.01 0.00	79.84 1.18 0.00	78.45 1.56 0.00	107.03 2.16 0.00	55.15 1.01 0.00	48.19 0.85 0.00	48.13 0.75 0.00	39.37 0.53 0.00	32.95 0.23 0.00
MARSH_HILL_WT_PWR 323713	63.86 0.05 0.00	55.09 0.35 0.00	36.63 -0.01 0.00	45.71 0.04 0.00	45.05 0.33 0.00	47.60 -0.07 0.00	53.41 -0.07 0.00	60.00 -0.43 0.00	55.09 -1.02 0.00	41.81 -0.70 0.00	56.50 -0.48 0.00	42.82 -0.58 0.00	35.75 -0.61 0.00	32.35 -1.03 0.00	32.26 -0.98 0.00	29.55 -1.42 0.00	43.05 -1.50 0.00	77.18 -1.47 0.00	74.88 -2.01 0.00	101.16 -3.71 0.00	51.88 -2.26 0.00	44.42 -2.92 0.00	43.95 -3.43 0.00	36.22 -2.62 0.00	30.28 -2.44 0.00
MCINTYRE_115KV_TB2 80467	67.67 3.87 0.00	57.96 3.22 0.00	38.82 2.18 0.00	48.39 2.72 0.00	47.42 2.70 0.00	50.51 2.84 0.00	56.47 2.99 0.00	63.79 3.36 0.00	59.47 3.37 0.00	45.03 2.52 0.00	60.38 3.40 0.00	45.38 1.98 0.00	37.99 1.64 0.00	34.65 1.27 0.00	34.37 1.13 0.00	31.87 0.89 0.00	45.94 1.39 0.00	82.82 4.17 0.00	82.00 5.11 0.00	111.39 6.52 0.00	57.31 3.17 0.00	49.39 2.06 0.00	49.65 2.28 0.00	40.64 1.80 0.00	34.10 1.38 0.00
MECO_____69_KV_BK1 80468	66.11 2.30 0.00	56.67 1.93 0.00	37.88 1.24 0.00	47.25 1.57 0.00	46.27 1.55 0.00	49.38 1.70 0.00	55.41 1.93 0.00	62.74 2.30 0.00	58.06 1.96 0.00	43.21 0.69 0.00	58.32 1.34 0.00	44.18 0.78 0.00	36.45 0.10 0.00	33.42 0.04 0.00	33.12 -0.12 0.00	30.84 -0.14 0.00	45.08 0.53 0.00	81.62 2.97 0.00	80.41 3.52 0.00	109.86 4.99 0.00	56.64 2.50 0.00	49.51 2.17 0.00	49.37 1.99 0.00	40.36 1.52 0.00	33.81 1.09 0.00
MENANDS___115KV_TB5 355628	64.37 0.56 0.00	55.20 0.46 0.00	36.96 0.32 0.00	45.97 0.29 0.00	44.94 0.22 0.00	48.02 0.35 0.00	54.20 0.72 0.00	61.40 0.97 0.00	57.03 0.93 0.00	43.08 0.57 0.00	57.49 0.51 0.00	43.99 0.58 0.00	36.76 0.40 0.00	33.86 0.48 0.00	33.81 0.58 0.00	31.75 0.78 0.00	45.49 0.93 0.00	79.70 1.05 0.00	77.94 1.05 0.00	106.74 1.87 0.00	55.20 1.05 0.00	48.53 1.20 0.00	48.51 1.13 0.00	39.74 0.90 0.00	33.64 0.92 0.00
MG INDUSTRY___DRP 24185	64.64 0.83 0.00	55.44 0.70 0.00	37.12 0.48 0.00	46.20 0.53 0.00	45.20 0.48 0.00	48.24 0.57 0.00	54.36 0.88 0.00	61.52 1.09 0.00	57.06 0.95 0.00	43.06 0.54 0.00	57.48 0.50 0.00	43.99 0.58 0.00	36.82 0.46 0.00	33.83 0.44 0.00	33.72 0.48 0.00	31.58 0.61 0.00	45.43 0.87 0.00	79.84 1.19 0.00	78.03 1.14 0.00	106.71 1.84 0.00	55.20 1.06 0.00	48.49 1.16 0.00	48.50 1.12 0.00	39.75 0.91 0.00	33.61 0.89 0.00
MID___OSWEGATCHIE_HYD	65.73	56.36	37.75	47.10	46.17	49.13	54.57	61.60	57.49	43.63	58.35	43.80	36.57	33.36	33.12	30.85	44.74	80.67	79.62	108.15	55.54	48.16	48.35	39.30	32.92

23849	1.93 0.00	1.62 0.00	1.11 0.00	1.43 0.00	1.45 0.00	1.46 0.00	1.09 0.00	1.16 0.00	1.38 0.00	1.12 0.00	1.37 0.00	0.40 0.00	0.21 0.00	-0.02 0.00	-0.12 0.00	-0.13 0.00	0.19 0.00	2.01 0.00	2.73 0.00	3.28 0.00	1.40 0.00	0.83 0.00	0.98 0.00	0.46 0.00	0.20 0.00
MID___RAQUETTE_HYD 23851	66.66 2.86 0.00	57.13 2.39 0.00	38.27 1.63 0.00	47.71 2.04 0.00	46.75 2.03 0.00	49.78 2.11 0.00	55.59 2.11 0.00	62.77 2.33 0.00	58.52 2.42 0.00	44.36 1.85 0.00	59.59 2.61 0.00	44.96 1.56 0.00	37.60 1.24 0.00	34.32 0.94 0.00	34.10 0.87 0.00	31.65 0.68 0.00	45.64 1.09 0.00	81.75 3.10 0.00	80.66 3.77 0.00	109.56 4.69 0.00	56.34 2.19 0.00	48.67 1.33 0.00	48.90 1.52 0.00	39.99 1.15 0.00	33.57 0.85 0.00
MILLIKEN___1 23584	64.52 0.71 0.00	55.38 0.64 0.00	37.02 0.38 0.00	46.20 0.53 0.00	45.30 0.58 0.00	48.26 0.59 0.00	54.13 0.65 0.00	61.22 0.79 0.00	56.59 0.49 0.00	42.64 0.13 0.00	56.87 -0.11 0.00	43.14 -0.26 0.00	36.18 -0.18 0.00	33.17 -0.21 0.00	33.06 -0.18 0.00	30.76 -0.21 0.00	44.63 0.07 0.00	79.46 0.81 0.00	77.80 0.91 0.00	106.00 1.13 0.00	54.79 0.65 0.00	47.81 0.48 0.00	47.75 0.37 0.00	39.16 0.32 0.00	32.89 0.17 0.00
MILLIKEN___2 23585	64.52 0.71 0.00	55.38 0.64 0.00	37.02 0.38 0.00	46.20 0.53 0.00	45.30 0.58 0.00	48.26 0.59 0.00	54.13 0.65 0.00	61.22 0.79 0.00	56.59 0.49 0.00	42.64 0.13 0.00	56.87 -0.11 0.00	43.14 -0.26 0.00	36.18 -0.18 0.00	33.17 -0.21 0.00	33.06 -0.18 0.00	30.76 -0.21 0.00	44.63 0.07 0.00	79.46 0.81 0.00	77.80 0.91 0.00	106.00 1.13 0.00	54.79 0.65 0.00	47.81 0.48 0.00	47.75 0.37 0.00	39.16 0.32 0.00	32.89 0.17 0.00
MILLIKEN___DIESEL 23629	64.52 0.71 0.00	55.38 0.64 0.00	37.02 0.38 0.00	46.20 0.53 0.00	45.30 0.58 0.00	48.26 0.59 0.00	54.13 0.65 0.00	61.22 0.79 0.00	56.59 0.49 0.00	42.64 0.13 0.00	56.87 -0.11 0.00	43.14 -0.26 0.00	36.18 -0.18 0.00	33.17 -0.21 0.00	33.06 -0.18 0.00	30.76 -0.21 0.00	44.63 0.07 0.00	79.46 0.81 0.00	77.80 0.91 0.00	106.00 1.13 0.00	54.79 0.65 0.00	47.81 0.48 0.00	47.75 0.37 0.00	39.16 0.32 0.00	32.89 0.17 0.00
MILLSEAT___LFGE 323607	63.19 -0.62 0.00	54.67 -0.07 0.00	36.22 -0.42 0.00	45.39 -0.29 0.00	44.50 -0.21 0.00	47.30 -0.37 0.00	52.79 -0.69 0.00	58.99 -1.44 0.00	54.25 -1.86 0.00	41.13 -1.38 0.00	56.21 -0.77 0.00	42.45 -0.95 0.00	35.64 -0.72 0.00	32.24 -1.14 0.00	32.15 -1.09 0.00	29.39 -1.59 0.00	42.60 -1.96 0.00	76.18 -2.47 0.00	73.47 -3.42 0.00	99.42 -5.45 0.00	51.22 -2.92 0.00	44.57 -2.76 0.00	44.68 -2.70 0.00	37.07 -1.77 0.00	30.98 -1.74 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	65.98 2.18 0.00	56.51 1.77 0.00	37.89 1.25 0.00	47.34 1.66 0.00	46.37 1.65 0.00	49.37 1.70 0.00	55.33 1.86 0.00	62.44 2.00 0.00	57.99 1.89 0.00	44.14 1.63 0.00	58.92 1.94 0.00	45.41 2.01 0.00	38.18 1.83 0.00	35.12 1.74 0.00	34.85 1.61 0.00	32.51 1.53 0.00	46.52 1.96 0.00	81.22 2.57 0.00	79.62 2.73 0.00	109.02 4.15 0.00	56.31 2.16 0.00	49.44 2.11 0.00	49.71 2.33 0.00	40.86 2.01 0.00	34.47 1.75 0.00
MILLWOOD_13_KV_LOAD 356217	66.11 2.31 0.00	56.62 1.88 0.00	37.96 1.32 0.00	47.42 1.75 0.00	46.46 1.74 0.00	49.46 1.79 0.00	55.45 1.96 0.00	62.58 2.14 0.00	58.11 2.01 0.00	44.24 1.72 0.00	59.03 2.05 0.00	45.48 2.08 0.00	38.23 1.88 0.00	35.16 1.77 0.00	34.90 1.67 0.00	32.56 1.59 0.00	46.61 2.06 0.00	81.39 2.74 0.00	79.83 2.94 0.00	109.32 4.45 0.00	56.44 2.30 0.00	49.56 2.22 0.00	49.80 2.43 0.00	40.94 2.09 0.00	34.53 1.81 0.00
MODEL_CITY_ENERGY 24167	61.51 -2.30 0.00	53.33 -1.41 0.00	35.31 -1.33 0.00	44.30 -1.37 0.00	43.47 -1.25 0.00	46.15 -1.52 0.00	51.41 -2.07 0.00	57.27 -3.17 0.00	52.57 -3.54 0.00	40.02 -2.49 0.00	55.12 -1.86 0.00	41.51 -1.89 0.00	34.90 -1.45 0.00	31.57 -1.82 0.00	31.59 -1.65 0.00	28.84 -2.14 0.00	41.61 -2.94 0.00	73.84 -4.81 0.00	70.72 -6.18 0.00	95.54 -9.33 0.00	49.28 -4.86 0.00	42.88 -4.45 0.00	43.09 -4.29 0.00	35.93 -2.91 0.00	30.06 -2.66 0.00
MODERN_LFGE___ 323580	61.51 -2.30 0.00	53.33 -1.41 0.00	35.31 -1.33 0.00	44.30 -1.37 0.00	43.47 -1.25 0.00	46.15 -1.52 0.00	51.41 -2.07 0.00	57.27 -3.17 0.00	52.57 -3.54 0.00	40.02 -2.49 0.00	55.12 -1.86 0.00	41.51 -1.89 0.00	34.90 -1.45 0.00	31.57 -1.82 0.00	31.59 -1.65 0.00	28.84 -2.14 0.00	41.61 -2.94 0.00	73.84 -4.81 0.00	70.72 -6.18 0.00	95.54 -9.33 0.00	49.28 -4.86 0.00	42.88 -4.45 0.00	43.09 -4.29 0.00	35.93 -2.91 0.00	30.06 -2.66 0.00
MOHAWK_PAPER___DRP 24187	64.58 0.77 0.00	55.36 0.62 0.00	37.07 0.43 0.00	46.10 0.43 0.00	45.07 0.34 0.00	48.17 0.50 0.00	54.36 0.88 0.00	61.58 1.15 0.00	57.19 1.09 0.00	43.18 0.67 0.00	57.65 0.67 0.00	44.11 0.71 0.00	36.85 0.49 0.00	33.92 0.54 0.00	33.85 0.61 0.00	31.78 0.80 0.00	45.59 1.03 0.00	79.99 1.34 0.00	78.26 1.37 0.00	107.15 2.28 0.00	55.39 1.25 0.00	48.69 1.36 0.00	48.66 1.28 0.00	39.85 1.01 0.00	33.72 1.00 0.00
MOHICAN___35_KV_115KV_LD 80490	65.59 1.78 0.00	56.18 1.44 0.00	37.68 1.04 0.00	46.73 1.06 0.00	45.70 0.98 0.00	49.04 1.37 0.00	55.54 2.06 0.00	62.75 2.32 0.00	58.13 2.03 0.00	43.49 0.98 0.00	58.26 1.28 0.00	44.69 1.29 0.00	37.01 0.66 0.00	34.06 0.67 0.00	33.84 0.61 0.00	31.81 0.83 0.00	45.82 1.27 0.00	81.30 2.65 0.00	79.66 2.77 0.00	109.36 4.49 0.00	56.55 2.41 0.00	49.71 2.37 0.00	49.35 1.97 0.00	40.31 1.47 0.00	34.25 1.53 0.00
MONGAUP___HYD 23641	66.72 2.92 0.00	57.15 2.41 0.00	38.26 1.62 0.00	47.76 2.09 0.00	46.78 2.06 0.00	49.83 2.16 0.00	55.94 2.46 0.00	63.23 2.80 0.00	58.65 2.54 0.00	44.32 1.81 0.00	58.91 1.93 0.00	45.03 1.63 0.00	37.80 1.45 0.00	34.77 1.38 0.00	34.55 1.31 0.00	32.26 1.28 0.00	46.54 1.99 0.00	82.20 3.55 0.00	80.81 3.92 0.00	110.69 5.82 0.00	57.12 2.98 0.00	49.98 2.64 0.00	50.17 2.79 0.00	41.18 2.33 0.00	34.68 1.95 0.00
MONTAUK___DIESEL 23721	31.81 -2.07 29.92	4.43 -1.31 49.00	22.06 -0.22 14.36	45.96 0.28 0.00	43.70 0.72 1.74	48.29 0.62 0.00	53.91 0.43 0.00	60.47 0.05 0.00	56.49 0.59 0.20	37.23 0.56 5.85	-123.69 1.97 182.64	-400.15 2.32 445.87	17.91 1.81 20.25	35.11 1.78 0.05	29.99 1.38 4.62	32.55 1.57 0.00	42.84 1.74 3.45	50.96 2.01 29.70	70.30 2.91 9.49	107.43 4.95 2.39	49.85 2.68 6.97	50.15 2.82 0.00	50.35 2.97 0.00	37.31 2.26 3.80	34.78 2.07 0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	64.43 0.62 0.00	55.73 0.99 0.00	36.97 0.33 0.00	46.25 0.58 0.00	45.42 0.70 0.00	48.09 0.42 0.00	53.82 0.34 0.00	60.48 0.05 0.00	55.38 -0.73 0.00	42.35 -0.16 0.00	57.76 0.78 0.00	43.52 0.12 0.00	36.40 0.05 0.00	33.03 -0.36 0.00	32.87 -0.37 0.00	30.18 -0.80 0.00	43.60 -0.96 0.00	77.72 -0.93 0.00	74.89 -2.00 0.00	101.32 -3.55 0.00	51.68 -2.47 0.00	44.13 -3.20 0.00	43.92 -3.46 0.00	36.38 -2.46 0.00	30.33 -2.39 0.00
MORRIS_RIDGE___SOLAR	62.84	54.25	36.06	45.06	44.33	46.91	52.56	58.97	54.15	41.14	55.81	42.28	35.35	31.98	31.87	29.23	42.50	76.10	73.59	99.76	51.40	44.27	43.91	36.22	30.31

323848	-0.97 0.00	-0.49 0.00	-0.58 0.00	-0.62 0.00	-0.38 0.00	-0.77 0.00	-0.92 0.00	-1.47 0.00	-1.95 0.00	-1.37 0.00	-1.17 0.00	-1.13 0.00	-1.01 0.00	-1.41 0.00	-1.37 0.00	-1.75 0.00	-2.06 0.00	-2.55 0.00	-3.30 0.00	-5.11 0.00	-2.74 0.00	-3.06 0.00	-3.47 0.00	-2.62 0.00	-2.41 0.00
MORTIMER_115KV_TB3 55949	62.99 -0.81 0.00	54.33 -0.40 0.00	36.12 -0.52 0.00	45.16 -0.52 0.00	44.26 -0.46 0.00	47.08 -0.59 0.00	52.65 -0.83 0.00	59.15 -1.28 0.00	54.55 -1.56 0.00	41.38 -1.13 0.00	56.24 -0.74 0.00	42.53 -0.87 0.00	35.74 -0.61 0.00	32.56 -0.83 0.00	32.49 -0.75 0.00	29.93 -1.04 0.00	43.30 -1.25 0.00	76.90 -1.75 0.00	74.48 -2.41 0.00	101.02 -3.85 0.00	52.04 -2.11 0.00	45.37 -1.96 0.00	45.44 -1.94 0.00	37.47 -1.37 0.00	31.38 -1.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	66.15 2.34 0.00	56.61 1.87 0.00	38.00 1.36 0.00	47.48 1.81 0.00	46.52 1.80 0.00	49.51 1.84 0.00	55.48 2.01 0.00	62.56 2.13 0.00	58.17 2.06 0.00	44.35 1.84 0.00	59.15 2.17 0.00	45.67 2.27 0.00	38.42 2.07 0.00	35.34 1.96 0.00	35.05 1.81 0.00	32.71 1.73 0.00	46.76 2.20 0.00	81.46 2.80 0.00	79.87 2.98 0.00	109.40 4.53 0.00	56.51 2.36 0.00	49.69 2.35 0.00	49.99 2.61 0.00	41.08 2.24 0.00	34.67 1.95 0.00
MUNSVILLE_WIND_PWR 323609	67.53 3.72 0.00	57.88 3.14 0.00	38.66 2.02 0.00	48.26 2.58 0.00	47.42 2.70 0.00	50.58 2.91 0.00	56.98 3.50 0.00	64.48 4.05 0.00	59.69 3.58 0.00	44.70 2.19 0.00	59.63 2.64 0.00	45.10 1.70 0.00	37.41 1.05 0.00	34.31 0.92 0.00	33.88 0.65 0.00	31.66 0.68 0.00	46.63 2.08 0.00	83.95 5.30 0.00	82.37 5.48 0.00	112.23 7.36 0.00	57.86 3.72 0.00	50.14 2.81 0.00	49.70 2.32 0.00	40.32 1.48 0.00	33.62 0.90 0.00
N SALMON___HYD 24042	66.36 2.55 0.00	56.83 2.09 0.00	38.13 1.49 0.00	47.52 1.84 0.00	46.54 1.82 0.00	49.62 1.95 0.00	55.56 2.09 0.00	62.74 2.31 0.00	58.51 2.40 0.00	44.45 1.94 0.00	59.85 2.88 0.00	45.31 1.91 0.00	37.83 1.48 0.00	34.55 1.17 0.00	34.30 1.07 0.00	31.82 0.85 0.00	45.71 1.16 0.00	81.71 3.06 0.00	80.41 3.52 0.00	109.40 4.53 0.00	56.14 1.99 0.00	48.82 1.48 0.00	48.61 1.23 0.00	39.81 0.97 0.00	33.43 0.71 0.00
N.AKRON___115KV_KNAPP 355671	62.89 -0.92 0.00	54.46 -0.28 0.00	36.07 -0.57 0.00	45.21 -0.47 0.00	44.33 -0.39 0.00	47.08 -0.59 0.00	52.53 -0.95 0.00	58.66 -1.78 0.00	53.91 -2.19 0.00	40.93 -1.58 0.00	56.08 -0.90 0.00	42.30 -1.10 0.00	35.53 -0.82 0.00	32.13 -1.25 0.00	32.08 -1.16 0.00	29.31 -1.67 0.00	42.44 -2.11 0.00	75.72 -2.93 0.00	72.87 -4.03 0.00	98.58 -6.29 0.00	50.79 -3.35 0.00	44.20 -3.14 0.00	44.34 -3.04 0.00	36.84 -2.01 0.00	30.78 -1.94 0.00
N.E._GEN_SANDY PD 24062	64.00 0.19 0.00	54.91 0.17 0.00	36.78 0.14 0.00	45.61 -0.07 0.00	44.53 -0.18 0.00	46.35 0.01 1.34	56.79 0.58 -2.73	61.40 0.97 0.00	57.02 0.91 0.00	43.03 0.52 0.00	57.32 0.33 -0.06	43.85 0.39 1.02	35.47 0.14 0.00	33.68 0.29 0.00	33.02 0.51 0.73	32.55 0.87 -0.70	44.64 0.91 0.82	79.38 0.73 0.00	72.55 0.65 4.99	124.48 1.62 -17.98	54.47 0.96 0.63	48.59 1.25 0.00	48.43 1.06 0.00	39.66 0.82 0.00	33.55 0.98 0.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	66.15 2.34 0.00	56.67 1.93 0.00	37.97 1.33 0.00	47.44 1.76 0.00	46.47 1.75 0.00	49.46 1.79 0.00	55.45 1.97 0.00	62.59 2.16 0.00	58.10 2.00 0.00	44.20 1.69 0.00	59.01 2.04 0.00	45.47 2.06 0.00	38.23 1.88 0.00	35.16 1.77 0.00	34.91 1.67 0.00	32.55 1.57 0.00	46.60 2.05 0.00	81.44 2.79 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.44 2.30 0.00	49.52 2.19 0.00	49.80 2.42 0.00	40.94 2.09 0.00	34.52 1.80 0.00
N.QUEENS_27_KV_LOAD 356247	65.66 1.87 0.01	56.13 1.40 0.01	37.52 0.89 0.01	46.79 1.12 0.01	45.81 1.10 0.01	48.80 1.14 0.01	55.16 1.68 0.00	62.53 2.09 0.00	58.21 2.10 0.00	44.47 1.95 0.00	59.22 2.24 0.00	45.81 2.41 0.00	38.56 2.20 0.00	35.48 2.09 0.00	35.15 1.91 0.00	32.79 1.81 0.00	46.77 2.22 0.00	81.34 2.70 0.00	79.96 3.07 0.00	109.54 4.67 0.00	56.54 2.39 0.00	49.72 2.39 0.00	50.08 2.70 0.00	41.16 2.32 0.00	34.72 2.00 0.00
N.TROY___115KV_TB1 355778	64.39 0.58 0.00	55.23 0.49 0.00	36.99 0.35 0.00	45.94 0.26 0.00	44.89 0.17 0.00	48.03 0.36 0.00	54.30 0.82 0.00	61.59 1.16 0.00	57.15 1.05 0.00	43.10 0.59 0.00	57.54 0.56 0.00	43.98 0.58 0.00	36.66 0.31 0.00	33.78 0.39 0.00	33.73 0.50 0.00	31.74 0.77 0.00	45.50 0.94 0.00	79.84 1.19 0.00	78.05 1.16 0.00	107.04 2.17 0.00	55.34 1.20 0.00	48.69 1.36 0.00	48.57 1.20 0.00	39.77 0.93 0.00	33.71 0.99 0.00
NARROWS_GT1_1 24228	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT1_2 24229	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT1_3 24230	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT1_4 24231	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT1_5 24232	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT1_6	66.13	56.63	38.01	47.48	46.48	49.51	55.46	62.51	58.21	44.48	59.17	45.80	38.54	35.43	35.13	32.76	46.80	81.33	79.88	109.40	56.57	49.81	50.17	41.24	34.79

24233	2.34 0.01	1.90 0.01	1.37 0.01	1.81 0.01	1.77 0.01	1.85 0.01	1.98 0.00	2.08 0.00	2.10 0.00	1.97 0.00	2.18 0.00	2.40 0.00	2.18 0.00	2.04 0.00	1.89 0.00	1.78 0.00	2.24 0.00	2.68 0.00	3.00 0.00	4.53 0.00	2.42 0.00	2.48 0.00	2.79 0.00	2.39 0.00	2.07 0.00
NARROWS_GT1_7 24234	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT1_8 24235	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT2_1 24236	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT2_2 24237	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT2_3 24238	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT2_4 24239	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT2_5 24240	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT2_6 24241	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT2_7 24242	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NARROWS_GT2_8 24243	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.42 0.00	49.81 2.48 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NCATSKLL_69_KV_NC- LINE_REV_LBMP_G 345022	65.49 1.68 0.00	56.12 1.38 0.00	37.56 0.92 0.00	46.70 1.03 0.00	45.68 0.96 0.00	48.82 1.15 0.00	55.12 1.64 0.00	62.53 2.10 0.00	58.05 1.95 0.00	43.56 1.04 0.00	57.99 1.00 0.00	44.29 0.89 0.00	37.07 0.72 0.00	33.92 0.53 0.00	33.82 0.59 0.00	31.79 0.81 0.00	45.82 1.26 0.00	81.17 2.52 0.00	79.70 2.81 0.00	109.08 4.21 0.00	56.34 2.20 0.00	49.44 2.11 0.00	49.30 1.92 0.00	40.33 1.49 0.00	34.07 1.35 0.00
NCHELSEA_115KV_TR2 355582	66.50 2.70 0.00	56.95 2.21 0.00	38.16 1.52 0.00	47.66 1.98 0.00	46.68 1.96 0.00	49.72 2.05 0.00	55.80 2.32 0.00	63.02 2.59 0.00	58.52 2.41 0.00	44.47 1.96 0.00	59.33 2.35 0.00	45.62 2.22 0.00	38.32 1.96 0.00	35.26 1.87 0.00	35.02 1.79 0.00	32.69 1.72 0.00	46.88 2.33 0.00	82.03 3.38 0.00	80.41 3.52 0.00	110.05 5.18 0.00	56.84 2.70 0.00	49.87 2.54 0.00	50.08 2.70 0.00	41.10 2.26 0.00	34.66 1.94 0.00
NEG CAPITAL____MECHNVIL 23645	65.43 1.62 0.00	56.09 1.35 0.00	37.57 0.93 0.00	46.68 1.00 0.00	45.65 0.93 0.00	48.84 1.17 0.00	55.20 1.72 0.00	62.53 2.10 0.00	57.97 1.87 0.00	43.62 1.11 0.00	58.40 1.42 0.00	44.63 1.23 0.00	37.13 0.77 0.00	34.17 0.78 0.00	34.05 0.81 0.00	31.99 1.02 0.00	46.08 1.52 0.00	81.26 2.61 0.00	79.51 2.61 0.00	108.86 3.99 0.00	56.27 2.13 0.00	49.45 2.11 0.00	49.27 1.89 0.00	40.32 1.48 0.00	34.14 1.42 0.00
NEG CENTRAL_HIGH_ACRES 23767	61.68 -2.12 0.00	53.13 -1.61 0.00	35.37 -1.27 0.00	44.20 -1.48 0.00	43.33 -1.39 0.00	46.11 -1.56 0.00	51.63 -1.86 0.00	58.13 -2.30 0.00	53.67 -2.44 0.00	40.64 -1.87 0.00	55.07 -1.92 0.00	41.68 -1.72 0.00	35.02 -1.34 0.00	31.97 -1.41 0.00	31.88 -1.36 0.00	29.47 -1.50 0.00	42.63 -1.92 0.00	75.70 -2.95 0.00	73.48 -3.41 0.00	99.76 -5.11 0.00	51.37 -2.78 0.00	44.82 -2.51 0.00	44.86 -2.52 0.00	36.93 -1.91 0.00	30.96 -1.76 0.00

NEG CENTRAL___DRP 24199	63.20 -0.61 0.00	54.31 -0.43 0.00	36.26 -0.38 0.00	45.27 -0.41 0.00	44.35 -0.37 0.00	47.26 -0.41 0.00	52.96 -0.52 0.00	59.80 -0.63 0.00	55.22 -0.88 0.00	41.69 -0.82 0.00	55.93 -1.05 0.00	42.44 -0.97 0.00	35.68 -0.67 0.00	32.68 -0.71 0.00	32.52 -0.72 0.00	30.23 -0.74 0.00	43.72 -0.84 0.00	77.73 -0.93 0.00	75.87 -1.02 0.00	103.23 -1.64 0.00	53.25 -0.90 0.00	46.49 -0.84 0.00	46.48 -0.90 0.00	38.17 -0.67 0.00	32.06 -0.66 0.00
NEG CENTRAL___INDECK 23768	65.22 1.41 0.00	56.21 1.47 0.00	37.32 0.68 0.00	46.62 0.95 0.00	45.81 1.09 0.00	48.63 0.96 0.00	54.50 1.02 0.00	61.24 0.81 0.00	56.48 0.38 0.00	42.62 0.10 0.00	57.46 0.48 0.00	43.30 -0.10 0.00	36.30 -0.06 0.00	32.88 -0.51 0.00	32.80 -0.44 0.00	30.14 -0.84 0.00	43.73 -0.82 0.00	78.83 0.18 0.00	76.93 0.05 0.00	104.55 -0.32 0.00	53.78 -0.37 0.00	46.51 -0.82 0.00	46.31 -1.06 0.00	38.10 -0.74 0.00	31.77 -0.95 0.00
NEG CENTRAL___SENECA 23627	63.22 -0.58 0.00	54.38 -0.36 0.00	36.25 -0.39 0.00	45.27 -0.41 0.00	44.36 -0.36 0.00	47.26 -0.41 0.00	52.95 -0.53 0.00	59.74 -0.69 0.00	55.15 -0.96 0.00	41.66 -0.85 0.00	56.00 -0.98 0.00	42.42 -0.98 0.00	35.68 -0.68 0.00	32.64 -0.74 0.00	32.50 -0.74 0.00	30.14 -0.84 0.00	43.65 -0.91 0.00	77.70 -0.95 0.00	75.73 -1.16 0.00	102.95 -1.92 0.00	53.08 -1.07 0.00	46.32 -1.02 0.00	46.30 -1.08 0.00	38.05 -0.79 0.00	31.93 -0.79 0.00
NEG CENTRAL___STATE_STREET 24147	63.49 -0.31 0.00	54.52 -0.22 0.00	36.51 -0.13 0.00	45.64 -0.03 0.00	44.70 -0.02 0.00	47.65 -0.02 0.00	53.29 -0.19 0.00	60.39 -0.04 0.00	55.63 -0.47 0.00	41.98 -0.53 0.00	56.18 -0.80 0.00	42.64 -0.77 0.00	35.92 -0.44 0.00	32.92 -0.47 0.00	32.75 -0.48 0.00	30.53 -0.45 0.00	44.15 -0.40 0.00	78.46 -0.19 0.00	76.63 -0.27 0.00	104.16 -0.71 0.00	53.85 -0.29 0.00	47.06 -0.27 0.00	47.05 -0.32 0.00	38.62 -0.22 0.00	32.46 -0.26 0.00
NEG MILLWOOD___DRP 24198	66.51 2.70 0.00	56.94 2.20 0.00	38.17 1.53 0.00	47.67 2.00 0.00	46.73 2.00 0.00	49.77 2.09 0.00	55.83 2.34 0.00	63.03 2.60 0.00	58.55 2.45 0.00	44.54 2.03 0.00	59.42 2.44 0.00	45.71 2.31 0.00	38.40 2.05 0.00	35.33 1.95 0.00	35.08 1.84 0.00	32.73 1.76 0.00	46.89 2.34 0.00	81.99 3.33 0.00	80.41 3.52 0.00	110.07 5.20 0.00	56.85 2.71 0.00	49.92 2.59 0.00	50.13 2.75 0.00	41.16 2.32 0.00	34.70 1.98 0.00
NEG NORTH_FLCN_SEA 23793	66.15 2.34 0.00	56.61 1.87 0.00	38.11 1.48 0.00	47.39 1.72 0.00	46.36 1.65 0.00	49.50 1.83 0.00	55.61 2.13 0.00	62.72 2.29 0.00	58.37 2.27 0.00	44.24 1.73 0.00	59.61 2.62 0.00	45.13 1.73 0.00	37.74 1.38 0.00	34.58 1.19 0.00	34.34 1.10 0.00	31.81 0.84 0.00	45.39 0.84 0.00	80.58 1.93 0.00	78.79 1.90 0.00	107.44 2.57 0.00	55.19 1.05 0.00	48.00 0.66 0.00	47.76 0.39 0.00	39.32 0.48 0.00	33.18 0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	65.49 1.68 0.00	56.13 1.39 0.00	37.71 1.07 0.00	46.97 1.30 0.00	45.97 1.26 0.00	49.04 1.37 0.00	54.98 1.50 0.00	62.04 1.61 0.00	57.81 1.70 0.00	43.85 1.34 0.00	59.01 2.03 0.00	44.68 1.28 0.00	37.33 0.97 0.00	34.13 0.74 0.00	33.92 0.68 0.00	31.50 0.53 0.00	45.22 0.66 0.00	80.56 1.90 0.00	79.06 2.17 0.00	107.62 2.75 0.00	55.25 1.11 0.00	47.98 0.64 0.00	47.87 0.50 0.00	39.25 0.41 0.00	33.00 0.28 0.00
NEG NORTH___ALICE_FALLS 23915	66.35 2.55 0.00	56.82 2.08 0.00	38.20 1.56 0.00	47.52 1.85 0.00	46.50 1.78 0.00	49.63 1.96 0.00	55.74 2.26 0.00	62.87 2.44 0.00	58.58 2.47 0.00	44.41 1.90 0.00	59.86 2.88 0.00	45.30 1.90 0.00	37.89 1.54 0.00	34.66 1.27 0.00	34.44 1.20 0.00	31.88 0.90 0.00	45.66 1.10 0.00	81.30 2.64 0.00	79.77 2.88 0.00	108.67 3.80 0.00	55.80 1.65 0.00	48.63 1.29 0.00	48.27 0.89 0.00	39.64 0.80 0.00	33.37 0.65 0.00
NEG NORTH___LWR_SARANAC 23913	66.35 2.55 0.00	56.82 2.08 0.00	38.20 1.56 0.00	47.52 1.85 0.00	46.50 1.78 0.00	49.63 1.96 0.00	55.74 2.26 0.00	62.87 2.44 0.00	58.58 2.47 0.00	44.41 1.90 0.00	59.86 2.88 0.00	45.30 1.90 0.00	37.89 1.54 0.00	34.66 1.27 0.00	34.44 1.20 0.00	31.88 0.90 0.00	45.66 1.10 0.00	81.30 2.64 0.00	79.77 2.88 0.00	108.67 3.80 0.00	55.80 1.65 0.00	48.63 1.29 0.00	48.27 0.89 0.00	39.64 0.80 0.00	33.37 0.65 0.00
NEG NORTH___PLATTSBURG 23628	66.36 2.55 0.00	56.82 2.08 0.00	38.20 1.56 0.00	47.52 1.85 0.00	46.50 1.78 0.00	49.63 1.96 0.00	55.74 2.26 0.00	62.87 2.44 0.00	58.58 2.47 0.00	44.41 1.90 0.00	59.86 2.88 0.00	45.30 1.90 0.00	37.89 1.54 0.00	34.66 1.27 0.00	34.44 1.20 0.00	31.88 0.90 0.00	45.66 1.10 0.00	81.29 2.64 0.00	79.77 2.88 0.00	108.67 3.80 0.00	55.80 1.65 0.00	48.63 1.29 0.00	48.27 0.89 0.00	39.64 0.80 0.00	33.37 0.65 0.00
NEG WEST_LEA_LOCKPORT 23791	62.09 -1.71 0.00	53.82 -0.91 0.00	35.63 -1.01 0.00	44.68 -1.00 0.00	43.81 -0.90 0.00	46.51 -1.16 0.00	51.84 -1.64 0.00	57.83 -2.60 0.00	53.10 -3.01 0.00	40.42 -2.10 0.00	55.60 -1.38 0.00	41.88 -1.52 0.00	35.21 -1.15 0.00	31.82 -1.56 0.00	31.84 -1.40 0.00	29.07 -1.90 0.00	42.00 -2.55 0.00	74.55 -4.10 0.00	71.49 -5.40 0.00	96.66 -8.21 0.00	49.81 -4.33 0.00	43.33 -4.01 0.00	43.50 -3.87 0.00	36.21 -2.63 0.00	30.28 -2.45 0.00
NEG WEST___LANCASTR 23811	62.58 -1.23 0.00	54.13 -0.61 0.00	35.93 -0.71 0.00	44.96 -0.71 0.00	44.13 -0.59 0.00	46.78 -0.89 0.00	52.28 -1.20 0.00	58.58 -1.85 0.00	53.76 -2.35 0.00	41.04 -1.47 0.00	56.16 -0.82 0.00	42.43 -0.97 0.00	35.65 -0.70 0.00	32.27 -1.11 0.00	32.23 -1.01 0.00	29.54 -1.44 0.00	42.62 -1.93 0.00	75.57 -3.08 0.00	72.69 -4.20 0.00	98.55 -6.32 0.00	50.77 -3.37 0.00	44.12 -3.21 0.00	44.18 -3.19 0.00	36.65 -2.20 0.00	30.63 -2.08 0.00
NEG_PENN_ALLEGHNY 23528	64.17 0.36 0.00	55.11 0.37 0.00	36.80 0.17 0.00	45.93 0.26 0.00	45.05 0.33 0.00	47.94 0.26 0.00	53.83 0.35 0.00	60.75 0.32 0.00	56.17 0.07 0.00	42.57 0.06 0.00	57.03 0.05 0.00	43.48 0.08 0.00	36.46 0.11 0.00	33.44 0.05 0.00	33.27 0.03 0.00	30.95 -0.03 0.00	44.62 0.07 0.00	78.88 0.23 0.00	76.94 0.05 0.00	105.00 0.13 0.00	54.25 0.11 0.00	47.37 0.04 0.00	47.37 -0.01 0.00	38.90 0.06 0.00	32.71 -0.01 0.00
NEG___GEN_MONROE 24207	63.57 -0.24 0.00	54.82 0.08 0.00	36.52 -0.12 0.00	45.61 -0.06 0.00	44.73 0.01 0.00	47.61 -0.06 0.00	53.19 -0.30 0.00	59.66 -0.77 0.00	54.97 -1.14 0.00	41.55 -0.97 0.00	56.52 -0.46 0.00	42.78 -0.62 0.00	35.87 -0.48 0.00	32.67 -0.72 0.00	32.51 -0.73 0.00	29.91 -1.07 0.00	43.32 -1.23 0.00	77.24 -1.41 0.00	74.86 -2.04 0.00	101.53 -3.34 0.00	52.25 -1.89 0.00	45.55 -1.78 0.00	45.62 -1.76 0.00	37.65 -1.19 0.00	31.50 -1.21 0.00
NEPA___ENERGY 23901	63.07 -0.74 0.00	54.54 -0.20 0.00	36.18 -0.45 0.00	45.26 -0.42 0.00	44.50 -0.22 0.00	47.07 -0.60 0.00	52.74 -0.75 0.00	59.28 -1.16 0.00	54.15 -1.95 0.00	41.46 -1.05 0.00	56.49 -0.49 0.00	42.86 -0.54 0.00	35.95 -0.41 0.00	32.61 -0.78 0.00	32.48 -0.76 0.00	29.84 -1.14 0.00	42.97 -1.58 0.00	76.12 -2.54 0.00	73.26 -3.63 0.00	99.59 -5.28 0.00	51.37 -2.77 0.00	44.42 -2.91 0.00	44.38 -2.99 0.00	36.89 -1.95 0.00	30.86 -1.85 0.00

NEVERSINK___HYD 23608	65.80 2.00 0.00	56.34 1.60 0.00	37.72 1.08 0.00	47.10 1.42 0.00	46.14 1.42 0.00	49.17 1.50 0.00	55.22 1.74 0.00	62.40 1.97 0.00	57.92 1.81 0.00	43.92 1.41 0.00	58.50 1.52 0.00	44.80 1.40 0.00	37.58 1.22 0.00	34.57 1.19 0.00	34.37 1.13 0.00	32.10 1.13 0.00	46.23 1.67 0.00	81.29 2.64 0.00	79.75 2.86 0.00	109.15 4.28 0.00	56.37 2.22 0.00	49.34 2.01 0.00	49.50 2.12 0.00	40.61 1.77 0.00	34.18 1.46 0.00
NEWKRMKL_115KV_TB1 55635	64.42 0.62 0.00	55.25 0.51 0.00	37.00 0.36 0.00	46.02 0.34 0.00	45.00 0.29 0.00	48.07 0.40 0.00	54.23 0.75 0.00	61.42 0.98 0.00	57.03 0.93 0.00	43.11 0.60 0.00	57.53 0.55 0.00	44.01 0.61 0.00	36.83 0.47 0.00	33.90 0.51 0.00	33.84 0.60 0.00	31.76 0.78 0.00	45.53 0.98 0.00	79.82 1.17 0.00	78.03 1.14 0.00	106.79 1.92 0.00	55.21 1.07 0.00	48.53 1.20 0.00	48.51 1.14 0.00	39.76 0.92 0.00	33.64 0.92 0.00
NEWTON___FALLS_HYD 23847	65.73 1.93 0.00	56.36 1.62 0.00	37.75 1.11 0.00	47.10 1.43 0.00	46.17 1.45 0.00	49.13 1.46 0.00	54.57 1.09 0.00	61.60 1.16 0.00	57.49 1.38 0.00	43.63 1.12 0.00	58.35 1.37 0.00	43.80 0.40 0.00	36.57 0.21 0.00	33.36 -0.02 0.00	33.12 -0.12 0.00	30.85 -0.13 0.00	44.74 0.19 0.00	80.67 2.01 0.00	79.62 2.73 0.00	108.15 3.28 0.00	55.54 1.40 0.00	48.16 0.83 0.00	48.35 0.98 0.00	39.30 0.46 0.00	32.92 0.20 0.00
NGRID_A1_DSASP 323792	61.67 -2.14 0.00	53.47 -1.27 0.00	35.20 -1.44 0.00	44.02 -1.66 0.00	42.76 -1.96 0.00	45.40 -2.28 0.00	50.55 -2.93 0.00	56.38 -4.05 0.00	51.79 -4.32 0.00	39.48 -3.04 0.00	54.44 -2.54 0.00	40.98 -2.42 0.00	34.47 -1.89 0.00	31.16 -2.22 0.00	31.20 -2.04 0.00	28.49 -2.48 0.00	41.14 -3.41 0.00	72.72 -5.93 0.00	69.55 -7.34 0.00	93.76 -11.11 0.00	48.43 -5.72 0.00	42.16 -5.18 0.00	42.44 -4.94 0.00	35.27 -3.57 0.00	29.49 -3.23 0.00
NGRID_A2_DSASP 323793	61.67 -2.14 0.00	53.47 -1.27 0.00	35.20 -1.44 0.00	44.02 -1.66 0.00	42.76 -1.96 0.00	45.40 -2.28 0.00	50.55 -2.93 0.00	56.38 -4.05 0.00	51.79 -4.32 0.00	39.48 -3.04 0.00	54.44 -2.54 0.00	40.98 -2.42 0.00	34.47 -1.89 0.00	31.16 -2.22 0.00	31.20 -2.04 0.00	28.49 -2.48 0.00	41.14 -3.41 0.00	72.72 -5.93 0.00	69.55 -7.34 0.00	93.76 -11.11 0.00	48.43 -5.72 0.00	42.16 -5.18 0.00	42.44 -4.94 0.00	35.27 -3.57 0.00	29.49 -3.23 0.00
NGRID_A4_DSASP 323807	61.67 -2.14 0.00	53.47 -1.27 0.00	35.20 -1.44 0.00	44.02 -1.66 0.00	42.76 -1.96 0.00	45.40 -2.28 0.00	50.55 -2.93 0.00	56.38 -4.05 0.00	51.79 -4.32 0.00	39.48 -3.04 0.00	54.44 -2.54 0.00	40.98 -2.42 0.00	34.47 -1.89 0.00	31.16 -2.22 0.00	31.20 -2.04 0.00	28.49 -2.48 0.00	41.14 -3.41 0.00	72.72 -5.93 0.00	69.55 -7.34 0.00	93.76 -11.11 0.00	48.43 -5.72 0.00	42.16 -5.18 0.00	42.44 -4.94 0.00	35.27 -3.57 0.00	29.49 -3.23 0.00
NIAGARA_115E_LBMP 323715	61.18 -2.62 0.00	53.06 -1.67 0.00	35.13 -1.51 0.00	44.11 -1.56 0.00	43.28 -1.44 0.00	45.95 -1.72 0.00	51.17 -2.31 0.00	56.96 -3.47 0.00	52.28 -3.82 0.00	39.82 -2.70 0.00	54.87 -2.11 0.00	41.32 -2.08 0.00	34.76 -1.60 0.00	31.44 -1.95 0.00	31.47 -1.77 0.00	28.72 -2.26 0.00	41.42 -3.14 0.00	73.43 -5.22 0.00	70.25 -6.64 0.00	94.90 -9.96 0.00	48.97 -5.17 0.00	42.60 -4.74 0.00	42.85 -4.53 0.00	35.77 -3.08 0.00	29.93 -2.79 0.00
NIAGARA_115W_LBMP 323714	61.58 -2.22 0.00	53.38 -1.36 0.00	35.13 -1.50 0.00	43.93 -1.75 0.00	42.63 -2.09 0.00	45.25 -2.42 0.00	50.39 -3.09 0.00	56.20 -4.23 0.00	51.63 -4.47 0.00	39.34 -3.17 0.00	54.27 -2.71 0.00	40.84 -2.56 0.00	34.36 -2.00 0.00	31.06 -2.33 0.00	31.10 -2.14 0.00	28.40 -2.58 0.00	41.01 -3.54 0.00	72.49 -6.16 0.00	69.31 -7.58 0.00	93.45 -11.42 0.00	48.27 -5.88 0.00	42.02 -5.32 0.00	42.30 -5.08 0.00	35.15 -3.69 0.00	29.40 -3.33 0.00
NIAGARA_230_LBMP 323716	61.73 -2.07 0.00	53.49 -1.25 0.00	35.43 -1.21 0.00	44.40 -1.27 0.00	43.56 -1.16 0.00	46.23 -1.44 0.00	51.49 -1.99 0.00	57.49 -2.94 0.00	52.80 -3.31 0.00	40.24 -2.27 0.00	55.34 -1.64 0.00	41.68 -1.72 0.00	35.07 -1.28 0.00	31.73 -1.65 0.00	31.76 -1.47 0.00	29.03 -1.95 0.00	41.89 -2.66 0.00	74.11 -4.54 0.00	71.02 -5.87 0.00	96.00 -8.87 0.00	49.47 -4.67 0.00	43.06 -4.27 0.00	43.28 -4.10 0.00	36.00 -2.85 0.00	30.10 -2.62 0.00
NIAGARA___115KV_198_GIBSON 55903	61.58 -2.22 0.00	53.40 -1.35 0.00	35.13 -1.51 0.00	43.93 -1.75 0.00	42.63 -2.09 0.00	45.25 -2.42 0.00	50.38 -3.10 0.00	56.20 -4.23 0.00	51.62 -4.49 0.00	39.34 -3.17 0.00	54.27 -2.72 0.00	40.84 -2.56 0.00	34.36 -2.00 0.00	31.06 -2.33 0.00	31.09 -2.15 0.00	28.40 -2.58 0.00	41.01 -3.54 0.00	72.49 -6.16 0.00	69.31 -7.58 0.00	93.44 -11.43 0.00	48.27 -5.88 0.00	42.02 -5.32 0.00	42.31 -5.07 0.00	35.15 -3.69 0.00	29.40 -3.33 0.00
NIAGARA____ 23760	61.73 -2.07 0.00	53.49 -1.25 0.00	35.43 -1.21 0.00	44.40 -1.27 0.00	43.56 -1.16 0.00	46.23 -1.44 0.00	51.49 -1.99 0.00	57.49 -2.94 0.00	52.80 -3.31 0.00	40.24 -2.27 0.00	55.34 -1.64 0.00	41.68 -1.72 0.00	35.07 -1.28 0.00	31.73 -1.65 0.00	31.76 -1.47 0.00	29.03 -1.95 0.00	41.89 -2.66 0.00	74.11 -4.54 0.00	71.02 -5.87 0.00	96.00 -8.87 0.00	49.47 -4.67 0.00	43.06 -4.27 0.00	43.28 -4.10 0.00	36.00 -2.85 0.00	30.10 -2.62 0.00
NINE_MILE_1 23575	61.42 -2.39 0.00	52.73 -2.01 0.00	35.27 -1.37 0.00	43.98 -1.69 0.00	43.08 -1.64 0.00	45.92 -1.76 0.00	51.50 -1.98 0.00	58.14 -2.29 0.00	53.88 -2.22 0.00	40.83 -1.68 0.00	54.71 -2.27 0.00	41.66 -1.75 0.00	34.93 -1.43 0.00	32.09 -1.29 0.00	31.94 -1.29 0.00	29.76 -1.21 0.00	42.82 -1.73 0.00	75.69 -2.96 0.00	73.91 -2.98 0.00	100.76 -4.11 0.00	52.04 -2.11 0.00	45.50 -1.83 0.00	45.53 -1.85 0.00	37.34 -1.50 0.00	31.42 -1.30 0.00
NINE_MILE_2 23744	61.42 -2.39 0.00	52.73 -2.01 0.00	35.27 -1.37 0.00	43.99 -1.69 0.00	43.08 -1.64 0.00	45.92 -1.76 0.00	51.51 -1.97 0.00	58.14 -2.29 0.00	53.89 -2.22 0.00	40.84 -1.68 0.00	54.72 -2.26 0.00	41.66 -1.75 0.00	34.93 -1.43 0.00	32.09 -1.29 0.00	31.95 -1.29 0.00	29.76 -1.21 0.00	42.82 -1.73 0.00	75.70 -2.95 0.00	73.91 -2.98 0.00	100.76 -4.11 0.00	52.04 -2.11 0.00	45.50 -1.83 0.00	45.53 -1.85 0.00	37.34 -1.50 0.00	31.42 -1.30 0.00
NM_CAPITAL___DRP 24208	64.20 0.40 0.00	55.06 0.32 0.00	36.87 0.23 0.00	45.87 0.19 0.00	44.84 0.12 0.00	47.92 0.25 0.00	54.05 0.57 0.00	61.22 0.79 0.00	56.86 0.75 0.00	42.98 0.47 0.00	57.34 0.35 0.00	43.86 0.46 0.00	36.68 0.33 0.00	33.80 0.42 0.00	33.74 0.51 0.00	31.67 0.69 0.00	45.35 0.80 0.00	79.43 0.78 0.00	77.67 0.78 0.00	106.37 1.50 0.00	55.00 0.85 0.00	48.36 1.03 0.00	48.35 0.98 0.00	39.62 0.78 0.00	33.55 0.82 0.00
NM_CENTRAL___DRP 24181	62.66 -1.14 0.00	53.78 -0.96 0.00	35.95 -0.69 0.00	44.85 -0.83 0.00	43.95 -0.77 0.00	46.83 -0.84 0.00	52.56 -0.92 0.00	59.32 -1.11 0.00	54.97 -1.14 0.00	41.60 -0.91 0.00	55.74 -1.24 0.00	42.37 -1.04 0.00	35.56 -0.80 0.00	32.64 -0.75 0.00	32.51 -0.73 0.00	30.28 -0.69 0.00	43.64 -0.91 0.00	77.24 -1.41 0.00	75.44 -1.46 0.00	102.85 -2.02 0.00	53.09 -1.05 0.00	46.41 -0.92 0.00	46.41 -0.97 0.00	38.06 -0.79 0.00	32.01 -0.71 0.00

NM_FRONTIER___DRP 24179	61.58 -2.22 0.00	53.40 -1.35 0.00	35.13 -1.51 0.00	43.93 -1.75 0.00	42.63 -2.09 0.00	45.25 -2.42 0.00	50.38 -3.10 0.00	56.20 -4.23 0.00	51.62 -4.49 0.00	39.34 -3.17 0.00	54.27 -2.72 0.00	40.84 -2.56 0.00	34.36 -2.00 0.00	31.06 -2.33 0.00	31.09 -2.15 0.00	28.40 -2.58 0.00	41.01 -3.54 0.00	72.49 -6.16 0.00	69.31 -7.58 0.00	93.44 -11.43 0.00	48.27 -5.88 0.00	42.02 -5.32 0.00	42.31 -5.07 0.00	35.15 -3.69 0.00	29.40 -3.33 0.00
NM_ST_REGIS___HYD 24053	66.65 2.84 0.00	57.11 2.37 0.00	38.27 1.63 0.00	47.71 2.04 0.00	46.75 2.03 0.00	49.81 2.14 0.00	55.65 2.17 0.00	62.83 2.40 0.00	58.59 2.48 0.00	44.44 1.93 0.00	59.73 2.75 0.00	45.10 1.70 0.00	37.68 1.33 0.00	34.41 1.03 0.00	34.18 0.94 0.00	31.71 0.74 0.00	45.68 1.13 0.00	81.81 3.16 0.00	80.68 3.79 0.00	109.65 4.78 0.00	56.34 2.20 0.00	48.75 1.42 0.00	48.87 1.49 0.00	39.97 1.13 0.00	33.55 0.83 0.00
NORTHPORT___1 23551	37.66 0.89 27.03	54.27 0.83 1.30	37.35 0.71 0.00	46.88 1.21 0.00	46.02 1.30 0.00	48.91 1.24 0.00	54.65 1.18 0.00	61.34 0.91 0.00	56.84 0.94 0.21	42.75 0.90 0.67	58.27 1.29 0.00	45.22 1.82 0.00	38.14 1.78 0.00	35.00 1.62 0.00	34.37 1.14 0.00	32.20 1.23 0.00	45.89 1.34 0.00	79.76 1.11 0.00	78.24 1.35 0.00	107.51 2.64 0.00	55.56 1.42 0.00	48.77 1.44 0.00	49.03 1.66 0.00	36.27 1.27 3.85	34.08 1.36 0.00
NORTHPORT___2 23552	37.66 0.89 27.03	54.27 0.83 1.30	37.35 0.71 0.00	46.88 1.21 0.00	46.02 1.30 0.00	48.91 1.24 0.00	54.65 1.18 0.00	61.34 0.91 0.00	56.84 0.94 0.21	42.75 0.90 0.67	58.27 1.29 0.00	45.22 1.82 0.00	38.14 1.78 0.00	35.00 1.62 0.00	34.37 1.14 0.00	32.20 1.23 0.00	45.89 1.34 0.00	79.76 1.11 0.00	78.24 1.35 0.00	107.51 2.64 0.00	55.56 1.42 0.00	48.77 1.44 0.00	49.03 1.66 0.00	36.27 1.27 3.85	34.08 1.36 0.00
NORTHPORT___3 23553	37.62 0.63 26.82	54.30 0.61 1.05	37.21 0.57 0.00	46.74 1.07 0.00	45.90 1.17 -0.02	48.78 1.11 0.00	54.47 0.99 0.00	61.07 0.64 0.00	56.57 0.67 0.20	42.59 0.74 0.66	58.07 1.09 0.00	45.09 1.68 0.00	38.04 1.69 0.00	34.91 1.52 0.00	34.24 1.01 0.00	32.07 1.09 0.00	45.68 1.13 0.00	79.33 0.69 0.00	77.84 0.95 0.00	106.96 2.09 0.00	55.29 1.14 0.00	48.51 1.18 0.00	48.77 1.39 0.00	36.09 1.07 3.83	33.89 1.18 0.00
NORTHPORT___4 23650	37.62 0.63 26.82	54.30 0.61 1.05	37.21 0.57 0.00	46.74 1.07 0.00	45.90 1.17 -0.02	48.78 1.11 0.00	54.47 0.99 0.00	61.07 0.64 0.00	56.57 0.67 0.20	42.59 0.74 0.66	58.07 1.09 0.00	45.09 1.68 0.00	38.04 1.69 0.00	34.91 1.52 0.00	34.24 1.01 0.00	32.07 1.09 0.00	45.68 1.13 0.00	79.33 0.69 0.00	77.84 0.95 0.00	106.96 2.09 0.00	55.29 1.14 0.00	48.51 1.18 0.00	48.77 1.39 0.00	36.09 1.07 3.83	33.89 1.18 0.00
NORTHPORT___IC 23718	37.67 0.89 27.03	54.26 0.82 1.30	37.35 0.71 0.00	46.88 1.21 0.00	46.01 1.30 0.00	48.91 1.24 0.00	54.66 1.18 0.00	61.35 0.92 0.00	56.85 0.95 0.21	42.75 0.90 0.67	58.27 1.29 0.00	45.21 1.81 0.00	38.13 1.77 0.00	35.00 1.62 0.00	34.38 1.14 0.00	32.21 1.23 0.00	45.89 1.34 0.00	79.76 1.12 0.00	78.24 1.35 0.00	107.51 2.64 0.00	55.57 1.42 0.00	48.78 1.45 0.00	49.03 1.66 0.00	36.27 1.27 3.85	34.07 1.35 0.00
NORTH___COUNTRY_ESR 323785	65.30 1.50 0.00	55.99 1.26 0.00	37.62 0.98 0.00	46.86 1.18 0.00	45.87 1.15 0.00	48.93 1.26 0.00	54.83 1.35 0.00	61.88 1.44 0.00	57.65 1.54 0.00	43.76 1.25 0.00	58.90 1.92 0.00	44.63 1.23 0.00	37.31 0.95 0.00	34.11 0.72 0.00	33.91 0.67 0.00	31.49 0.52 0.00	45.22 0.66 0.00	80.40 1.75 0.00	78.84 1.95 0.00	107.23 2.36 0.00	55.07 0.93 0.00	47.80 0.46 0.00	47.73 0.35 0.00	39.14 0.30 0.00	32.92 0.20 0.00
NPX_GEN_1385_PROXY 323591	37.41 0.63 27.03	54.15 0.71 1.30	37.33 0.69 0.00	46.61 0.94 0.00	45.70 0.99 0.00	48.50 0.83 0.00	54.54 1.07 0.00	61.56 1.13 0.00	57.23 1.33 0.21	42.52 0.68 0.67	57.94 0.96 0.00	44.96 1.55 0.00	-2.19 1.46 40.00	34.77 1.38 0.00	34.15 0.91 0.00	32.14 1.16 0.00	45.73 1.18 0.00	79.73 1.08 0.00	77.77 0.88 0.00	107.37 2.50 0.00	55.47 1.33 0.00	48.81 1.48 0.00	49.15 1.77 0.00	36.16 1.16 3.85	34.00 1.28 0.00
NPX_GEN_CSC 323557	33.33 -0.52 29.96	18.45 -0.38 35.91	27.16 -0.04 9.44	45.97 0.30 0.00	43.71 0.33 1.34	47.90 0.22 0.00	53.58 0.10 0.00	60.22 -0.21 0.00	55.88 -0.03 4.06	38.52 0.07 0.20	-62.48 0.36 119.81	-248.04 1.06 292.50	24.50 1.43 13.29	34.69 1.34 0.04	30.97 0.76 3.03	31.95 0.98 0.00	43.22 0.93 2.26	59.52 0.35 19.48	71.57 0.90 6.23	105.31 2.01 1.57	50.60 1.03 4.57	48.44 1.10 0.00	48.70 1.32 0.00	36.00 0.95 3.80	33.74 1.02 0.00
NSINS_S_GLNS_FALLS 23858	65.47 1.66 0.00	56.08 1.34 0.00	37.60 0.96 0.00	46.66 0.99 0.00	45.65 0.93 0.00	48.98 1.30 0.00	55.44 1.96 0.00	62.61 2.17 0.00	58.01 1.90 0.00	43.43 0.91 0.00	58.18 1.20 0.00	44.62 1.22 0.00	36.97 0.62 0.00	34.00 0.62 0.00	33.77 0.54 0.00	31.74 0.76 0.00	45.74 1.18 0.00	81.14 2.48 0.00	79.50 2.61 0.00	109.10 4.23 0.00	56.39 2.25 0.00	49.56 2.23 0.00	49.21 1.83 0.00	40.22 1.38 0.00	34.16 1.44 0.00
NUCOR_STEEL___DRP 24197	63.42 -0.38 0.00	54.46 -0.28 0.00	36.48 -0.16 0.00	45.61 -0.06 0.00	44.67 -0.05 0.00	47.64 -0.04 0.00	53.24 -0.24 0.00	60.36 -0.07 0.00	55.58 -0.53 0.00	41.95 -0.56 0.00	56.15 -0.83 0.00	42.62 -0.78 0.00	35.91 -0.45 0.00	32.92 -0.47 0.00	32.75 -0.49 0.00	30.54 -0.43 0.00	44.15 -0.40 0.00	78.43 -0.22 0.00	76.58 -0.31 0.00	104.04 -0.83 0.00	53.81 -0.33 0.00	47.05 -0.28 0.00	47.05 -0.33 0.00	38.61 -0.24 0.00	32.46 -0.26 0.00
NUMBER_THREE_WT_PWR 323818	65.26 1.46 0.00	56.01 1.27 0.00	37.51 0.86 0.00	46.83 1.16 0.00	45.91 1.19 0.00	48.83 1.16 0.00	54.10 0.62 0.00	61.11 0.68 0.00	57.09 0.99 0.00	43.41 0.90 0.00	57.87 0.89 0.00	43.26 -0.15 0.00	36.09 -0.27 0.00	32.92 -0.46 0.00	32.64 -0.60 0.00	30.53 -0.44 0.00	44.60 0.05 0.00	80.57 1.92 0.00	79.51 2.62 0.00	107.95 3.08 0.00	55.39 1.25 0.00	48.19 0.85 0.00	48.32 0.94 0.00	38.99 0.15 0.00	32.53 -0.19 0.00
NYISO_LBMP_REFERENCE 24008	63.80 0.00 0.00	54.74 0.00 0.00	36.64 0.00 0.00	45.67 0.00 0.00	44.72 0.00 0.00	47.67 0.00 0.00	53.48 0.00 0.00	60.43 0.00 0.00	56.10 0.00 0.00	42.51 0.00 0.00	56.98 0.00 0.00	43.40 0.00 0.00	36.35 0.00 0.00	33.39 0.00 0.00	33.24 0.00 0.00	30.98 0.00 0.00	44.55 0.00 0.00	78.65 0.00 0.00	76.89 0.00 0.00	104.87 0.00 0.00	54.14 0.00 0.00	47.34 0.00 0.00	47.38 0.00 0.00	38.84 0.00 0.00	32.72 0.00 0.00
NYPA_BRENTWD____GT 24164	39.23 1.38 25.95	53.95 1.34 2.13	37.65 1.01 0.01	47.25 1.57 0.00	46.29 1.63 0.05	49.27 1.60 0.00	55.12 1.64 0.00	61.91 1.49 0.00	57.41 1.49 0.20	43.12 1.24 0.63	58.58 1.60 0.00	45.39 1.99 0.00	38.26 1.91 0.00	35.19 1.81 0.00	34.62 1.39 0.00	32.50 1.52 0.00	46.34 1.78 0.00	80.64 1.99 0.00	79.32 2.43 0.00	109.04 4.17 0.00	56.28 2.13 0.00	49.43 2.10 0.00	49.67 2.29 0.00	36.92 1.73 3.65	34.43 1.71 0.00

NYPA_GOWANUS____GT5 24156	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 2.99 0.00	109.40 4.53 0.00	56.56 2.42 0.00	49.80 2.47 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NYPA_GOWANUS____GT6 24157	66.13 2.34 0.01	56.63 1.90 0.01	38.01 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.51 2.08 0.00	58.21 2.10 0.00	44.48 1.97 0.00	59.17 2.18 0.00	45.80 2.40 0.00	38.54 2.18 0.00	35.43 2.04 0.00	35.13 1.89 0.00	32.76 1.78 0.00	46.80 2.24 0.00	81.33 2.68 0.00	79.88 2.99 0.00	109.40 4.53 0.00	56.56 2.42 0.00	49.80 2.47 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00
NYPA_HARLEM__RVR__GT1 24160	65.62 1.82 0.01	56.08 1.35 0.01	37.50 0.86 0.01	46.77 1.10 0.01	45.80 1.09 0.01	48.78 1.11 0.01	55.13 1.65 0.00	62.48 2.05 0.00	58.16 2.05 0.00	44.40 1.89 0.00	59.13 2.15 0.00	45.73 2.33 0.00	38.51 2.15 0.00	35.40 2.02 0.00	35.08 1.84 0.00	32.72 1.74 0.00	46.68 2.13 0.00	81.19 2.54 0.00	79.82 2.93 0.00	109.33 4.46 0.00	56.41 2.27 0.00	49.65 2.31 0.00	50.03 2.65 0.00	41.13 2.28 0.00	34.69 1.97 0.00
NYPA_HARLEM__RVR__GT2 24161	65.62 1.82 0.01	56.08 1.35 0.01	37.50 0.86 0.01	46.77 1.10 0.01	45.80 1.09 0.01	48.78 1.11 0.01	55.13 1.65 0.00	62.48 2.05 0.00	58.16 2.05 0.00	44.40 1.89 0.00	59.13 2.15 0.00	45.73 2.33 0.00	38.51 2.15 0.00	35.40 2.02 0.00	35.08 1.84 0.00	32.72 1.74 0.00	46.68 2.13 0.00	81.19 2.54 0.00	79.82 2.93 0.00	109.33 4.46 0.00	56.41 2.27 0.00	49.65 2.31 0.00	50.03 2.65 0.00	41.13 2.28 0.00	34.69 1.97 0.00
NYPA_KENT____GT 24152	66.00 2.21 0.01	56.49 1.76 0.01	37.92 1.29 0.01	47.38 1.72 0.01	46.39 1.68 0.01	49.40 1.74 0.01	55.38 1.91 0.00	62.44 2.01 0.00	58.13 2.03 0.00	44.41 1.90 0.00	59.11 2.13 0.00	45.75 2.35 0.00	38.50 2.15 0.00	35.40 2.01 0.00	35.10 1.87 0.00	32.75 1.77 0.00	46.76 2.21 0.00	81.27 2.62 0.00	79.76 2.87 0.00	109.22 4.35 0.00	56.47 2.33 0.00	49.73 2.40 0.00	50.09 2.71 0.00	41.18 2.34 0.00	34.76 2.04 0.00
NYPA_POUCH1____GT 24155	66.25 2.45 0.01	56.76 2.02 0.01	38.15 1.52 0.01	47.69 2.02 0.01	46.66 1.95 0.01	49.73 2.07 0.01	55.63 2.15 0.00	62.64 2.21 0.00	58.31 2.20 0.00	44.62 2.10 0.00	59.29 2.31 0.00	45.93 2.53 0.00	38.63 2.27 0.00	35.50 2.11 0.00	35.21 1.97 0.00	32.82 1.84 0.00	46.89 2.33 0.00	81.43 2.78 0.00	80.01 3.13 0.00	109.57 4.70 0.00	56.68 2.54 0.00	49.94 2.61 0.00	50.31 2.93 0.00	41.37 2.53 0.00	34.90 2.18 0.00
NYPA_VERNON____GT2 24162	65.88 2.08 0.01	56.37 1.64 0.01	37.83 1.20 0.01	47.28 1.61 0.01	46.32 1.61 0.01	49.30 1.63 0.01	55.29 1.81 0.00	62.38 1.95 0.00	58.06 1.95 0.00	44.35 1.84 0.00	59.07 2.09 0.00	45.69 2.29 0.00	38.47 2.11 0.00	35.37 1.99 0.00	35.07 1.84 0.00	32.73 1.75 0.00	46.73 2.17 0.00	81.19 2.55 0.00	79.65 2.76 0.00	109.08 4.21 0.00	56.37 2.22 0.00	49.65 2.31 0.00	50.02 2.64 0.00	41.13 2.29 0.00	34.73 2.01 0.00
NYPA_VERNON____GT3 24163	65.88 2.08 0.01	56.37 1.64 0.01	37.83 1.20 0.01	47.28 1.61 0.01	46.32 1.61 0.01	49.30 1.63 0.01	55.29 1.81 0.00	62.38 1.95 0.00	58.06 1.95 0.00	44.35 1.84 0.00	59.07 2.09 0.00	45.69 2.29 0.00	38.47 2.11 0.00	35.37 1.99 0.00	35.07 1.84 0.00	32.73 1.75 0.00	46.73 2.17 0.00	81.19 2.55 0.00	79.65 2.76 0.00	109.08 4.21 0.00	56.37 2.22 0.00	49.65 2.31 0.00	50.02 2.64 0.00	41.13 2.29 0.00	34.73 2.01 0.00
NYPA____ASTORIA_CC1 323568	65.75 1.95 0.01	56.25 1.52 0.01	37.75 1.12 0.01	47.16 1.49 0.01	46.20 1.49 0.01	49.17 1.51 0.01	55.20 1.73 0.00	62.28 1.85 0.00	57.99 1.88 0.00	44.30 1.79 0.00	58.97 1.99 0.00	45.64 2.24 0.00	38.42 2.06 0.00	35.34 1.95 0.00	35.03 1.79 0.00	32.70 1.72 0.00	46.66 2.10 0.00	81.08 2.43 0.00	79.55 2.66 0.00	108.92 4.05 0.00	56.30 2.16 0.00	49.60 2.27 0.00	49.95 2.58 0.00	41.08 2.24 0.00	34.69 1.97 0.00
NYPA____ASTORIA_CC2 323569	65.75 1.95 0.01	56.25 1.52 0.01	37.75 1.12 0.01	47.16 1.49 0.01	46.20 1.49 0.01	49.17 1.51 0.01	55.20 1.73 0.00	62.28 1.85 0.00	57.99 1.88 0.00	44.30 1.79 0.00	58.97 1.99 0.00	45.64 2.24 0.00	38.42 2.06 0.00	35.34 1.95 0.00	35.03 1.79 0.00	32.70 1.72 0.00	46.66 2.10 0.00	81.08 2.43 0.00	79.55 2.66 0.00	108.92 4.05 0.00	56.30 2.16 0.00	49.60 2.27 0.00	49.95 2.58 0.00	41.08 2.24 0.00	34.69 1.97 0.00
NYPA____HOLTSVILL 23794	34.34 0.55 30.01	41.42 0.52 13.83	36.00 0.52 1.16	46.62 0.94 0.00	45.04 0.99 0.67	48.60 0.93 0.00	54.36 0.88 0.00	61.06 0.63 0.00	56.64 0.73 0.20	42.15 0.70 1.06	44.02 1.11 14.07	10.67 1.61 34.35	36.46 1.67 1.56	34.90 1.52 0.01	33.95 1.07 0.36	32.20 1.22 0.00	45.64 1.35 0.27	77.58 1.21 2.29	77.80 1.64 0.73	107.66 2.98 0.18	55.16 1.56 0.54	48.88 1.55 0.00	49.15 1.78 0.00	36.39 1.36 3.81	34.09 1.37 0.00
NYPA____HELLGATE_GT1 24158	65.61 1.82 0.01	56.08 1.35 0.01	37.50 0.86 0.01	46.77 1.10 0.01	45.80 1.09 0.01	48.78 1.11 0.01	55.13 1.65 0.00	62.48 2.05 0.00	58.16 2.05 0.00	44.40 1.89 0.00	59.13 2.15 0.00	45.73 2.33 0.00	38.51 2.15 0.00	35.40 2.02 0.00	35.08 1.84 0.00	32.72 1.74 0.00	46.68 2.13 0.00	81.18 2.53 0.00	79.77 2.88 0.00	109.26 4.40 0.00	56.41 2.27 0.00	49.65 2.31 0.00	50.03 2.65 0.00	41.13 2.28 0.00	34.69 1.97 0.00
NYPA____HELLGATE_GT2 24159	65.61 1.82 0.01	56.08 1.35 0.01	37.50 0.86 0.01	46.77 1.10 0.01	45.80 1.09 0.01	48.78 1.11 0.01	55.13 1.65 0.00	62.48 2.05 0.00	58.16 2.05 0.00	44.40 1.89 0.00	59.13 2.15 0.00	45.73 2.33 0.00	38.51 2.15 0.00	35.40 2.02 0.00	35.08 1.84 0.00	32.72 1.74 0.00	46.68 2.13 0.00	81.18 2.53 0.00	79.77 2.88 0.00	109.26 4.40 0.00	56.41 2.27 0.00	49.65 2.31 0.00	50.03 2.65 0.00	41.13 2.28 0.00	34.69 1.97 0.00
NYS_BARGE____HYD 23848	62.09 -1.72 0.00	53.80 -0.94 0.00	35.62 -1.02 0.00	44.68 -1.00 0.00	43.79 -0.92 0.00	46.50 -1.17 0.00	51.84 -1.64 0.00	57.80 -2.63 0.00	53.07 -3.04 0.00	40.39 -2.13 0.00	55.54 -1.44 0.00	41.84 -1.56 0.00	35.17 -1.19 0.00	31.81 -1.58 0.00	31.81 -1.42 0.00	29.05 -1.92 0.00	41.96 -2.59 0.00	74.55 -4.10 0.00	71.48 -5.41 0.00	96.65 -8.22 0.00	49.82 -4.33 0.00	43.33 -4.01 0.00	43.53 -3.85 0.00	36.24 -2.61 0.00	30.31 -2.41 0.00
OAK ORCHARD____HYD 24046	63.00 -0.81 0.00	54.32 -0.42 0.00	36.12 -0.52 0.00	45.16 -0.52 0.00	44.27 -0.45 0.00	47.08 -0.59 0.00	52.65 -0.83 0.00	59.15 -1.28 0.00	54.55 -1.55 0.00	41.39 -1.13 0.00	56.24 -0.74 0.00	42.53 -0.87 0.00	35.74 -0.62 0.00	32.56 -0.83 0.00	32.49 -0.75 0.00	29.94 -1.04 0.00	43.30 -1.25 0.00	76.91 -1.75 0.00	74.48 -2.42 0.00	101.03 -3.84 0.00	52.03 -2.11 0.00	45.37 -1.96 0.00	45.44 -1.94 0.00	37.47 -1.37 0.00	31.38 -1.34 0.00

OAKDALE___35_KV_LOAD 356122	63.93 0.13 0.00	54.90 0.16 0.00	36.68 0.04 0.00	45.78 0.11 0.00	44.89 0.17 0.00	47.77 0.10 0.00	53.63 0.15 0.00	60.52 0.09 0.00	55.97 -0.14 0.00	42.44 -0.07 0.00	56.89 -0.09 0.00	43.37 -0.03 0.00	36.37 0.01 0.00	33.36 -0.03 0.00	33.19 -0.05 0.00	30.87 -0.11 0.00	44.47 -0.08 0.00	78.58 -0.07 0.00	76.61 -0.28 0.00	104.56 -0.31 0.00	54.04 -0.11 0.00	47.19 -0.14 0.00	47.20 -0.17 0.00	38.78 -0.07 0.00	32.61 -0.11 0.00
OCC_CHEM___DRP 24175	61.67 -2.14 0.00	53.47 -1.27 0.00	35.20 -1.44 0.00	44.02 -1.66 0.00	42.76 -1.96 0.00	45.40 -2.28 0.00	50.55 -2.93 0.00	56.38 -4.05 0.00	51.79 -4.32 0.00	39.48 -3.04 0.00	54.44 -2.54 0.00	40.98 -2.42 0.00	34.47 -1.89 0.00	31.16 -2.22 0.00	31.20 -2.04 0.00	28.49 -2.48 0.00	41.14 -3.41 0.00	72.72 -5.93 0.00	69.55 -7.34 0.00	93.76 -11.11 0.00	48.43 -5.72 0.00	42.16 -5.18 0.00	42.44 -4.94 0.00	35.27 -3.57 0.00	29.49 -3.23 0.00
OH_GEN_PROXY 24063	61.77 -2.04 0.00	98.31 -1.24 -44.82	35.45 -1.19 0.00	44.41 -1.26 0.00	43.57 -1.15 0.00	46.25 -1.43 0.00	51.53 -1.95 0.00	57.55 -2.88 0.00	52.89 -3.22 0.00	40.32 -2.20 0.00	55.40 -1.58 0.00	41.73 -1.67 0.00	35.12 -1.24 0.00	31.78 -1.60 0.00	51.01 -1.43 -19.20	29.07 -1.90 0.00	41.95 -2.60 0.00	74.25 -4.40 0.00	71.22 -5.67 0.00	96.30 -8.57 0.00	49.60 -4.54 0.00	43.18 -4.15 0.00	43.39 -3.99 0.00	36.05 -2.79 0.00	30.14 -2.58 0.00
OLIN_CORP_DRP 24177	61.31 -2.50 0.00	53.18 -1.56 0.00	35.19 -1.45 0.00	44.18 -1.50 0.00	43.34 -1.37 0.00	46.01 -1.66 0.00	51.23 -2.25 0.00	57.07 -3.36 0.00	52.39 -3.72 0.00	39.90 -2.61 0.00	54.98 -2.00 0.00	41.40 -2.00 0.00	34.82 -1.53 0.00	31.49 -1.89 0.00	31.52 -1.72 0.00	28.78 -2.20 0.00	41.52 -3.04 0.00	73.57 -5.08 0.00	70.41 -6.48 0.00	95.12 -9.74 0.00	49.06 -5.08 0.00	42.69 -4.64 0.00	42.93 -4.45 0.00	35.82 -3.02 0.00	29.97 -2.75 0.00
OLIN_CORP_DSASP 323712	61.67 -2.14 0.00	53.47 -1.27 0.00	35.20 -1.44 0.00	44.02 -1.66 0.00	42.76 -1.96 0.00	45.40 -2.28 0.00	50.55 -2.93 0.00	56.38 -4.05 0.00	51.79 -4.32 0.00	39.48 -3.04 0.00	54.44 -2.54 0.00	40.98 -2.42 0.00	34.47 -1.89 0.00	31.16 -2.22 0.00	31.20 -2.04 0.00	28.49 -2.48 0.00	41.14 -3.41 0.00	72.72 -5.93 0.00	69.55 -7.34 0.00	93.76 -11.11 0.00	48.43 -5.72 0.00	42.16 -5.18 0.00	42.44 -4.94 0.00	35.27 -3.57 0.00	29.49 -3.23 0.00
ONEIDA_HERK_LFGE 323681	65.07 1.27 0.00	55.83 1.09 0.00	37.37 0.73 0.00	46.64 0.96 0.00	45.71 0.99 0.00	48.68 1.00 0.00	54.39 0.91 0.00	61.53 1.10 0.00	57.23 1.12 0.00	43.40 0.88 0.00	58.01 1.03 0.00	43.69 0.28 0.00	36.53 0.17 0.00	33.43 0.04 0.00	33.19 -0.05 0.00	31.00 0.02 0.00	45.03 0.48 0.00	80.46 1.81 0.00	79.05 2.16 0.00	107.59 2.72 0.00	55.41 1.26 0.00	48.34 1.00 0.00	48.36 0.98 0.00	39.35 0.51 0.00	33.00 0.28 0.00
ONEIDA___115KV_TB4 55905	64.93 1.13 0.00	55.73 0.99 0.00	37.33 0.69 0.00	46.60 0.93 0.00	45.69 0.97 0.00	48.69 1.01 0.00	54.69 1.21 0.00	61.89 1.46 0.00	57.37 1.26 0.00	43.40 0.88 0.00	58.08 1.10 0.00	43.70 0.30 0.00	36.61 0.26 0.00	33.56 0.17 0.00	33.36 0.12 0.00	31.12 0.15 0.00	45.13 0.57 0.00	80.35 1.70 0.00	78.73 1.84 0.00	107.34 2.47 0.00	55.37 1.22 0.00	48.31 0.98 0.00	48.27 0.89 0.00	39.45 0.61 0.00	33.15 0.44 0.00
ONONDAGA_REF_OCCRA 23987	63.17 -0.63 0.00	54.20 -0.54 0.00	36.23 -0.41 0.00	45.20 -0.48 0.00	44.30 -0.42 0.00	47.19 -0.48 0.00	52.99 -0.49 0.00	59.83 -0.60 0.00	55.43 -0.68 0.00	41.91 -0.60 0.00	56.13 -0.85 0.00	42.65 -0.75 0.00	35.78 -0.57 0.00	32.85 -0.54 0.00	32.71 -0.52 0.00	30.48 -0.49 0.00	43.96 -0.59 0.00	77.89 -0.76 0.00	76.13 -0.76 0.00	103.81 -1.06 0.00	53.61 -0.53 0.00	46.83 -0.50 0.00	46.83 -0.55 0.00	38.39 -0.45 0.00	32.28 -0.44 0.00
ONONDAGA___COGEN 23986	63.01 -0.80 0.00	54.08 -0.66 0.00	36.16 -0.49 0.00	45.11 -0.57 0.00	44.19 -0.53 0.00	47.10 -0.57 0.00	52.85 -0.63 0.00	59.69 -0.74 0.00	55.24 -0.86 0.00	41.79 -0.72 0.00	55.93 -1.05 0.00	42.53 -0.87 0.00	35.72 -0.63 0.00	32.79 -0.59 0.00	32.64 -0.60 0.00	30.42 -0.55 0.00	43.88 -0.67 0.00	77.72 -0.93 0.00	75.92 -0.97 0.00	103.49 -1.39 0.00	53.45 -0.70 0.00	46.70 -0.63 0.00	46.69 -0.69 0.00	38.29 -0.55 0.00	32.21 -0.51 0.00
ONTARIO___LFGE 23819	63.22 -0.58 0.00	54.37 -0.37 0.00	36.25 -0.39 0.00	45.27 -0.40 0.00	44.36 -0.36 0.00	47.26 -0.41 0.00	52.96 -0.52 0.00	59.74 -0.69 0.00	55.15 -0.96 0.00	41.66 -0.85 0.00	56.01 -0.97 0.00	42.42 -0.98 0.00	35.67 -0.68 0.00	32.64 -0.74 0.00	32.50 -0.74 0.00	30.14 -0.83 0.00	43.65 -0.91 0.00	77.70 -0.95 0.00	75.72 -1.17 0.00	102.94 -1.93 0.00	53.08 -1.07 0.00	46.32 -1.02 0.00	46.30 -1.08 0.00	38.06 -0.78 0.00	31.93 -0.79 0.00
ORANGEVILLE_WT_PWR 323706	62.72 -1.09 0.00	54.22 -0.52 0.00	35.99 -0.65 0.00	45.01 -0.66 0.00	44.24 -0.48 0.00	46.86 -0.81 0.00	52.42 -1.07 0.00	58.73 -1.71 0.00	53.92 -2.19 0.00	41.01 -1.50 0.00	55.91 -1.08 0.00	42.26 -1.14 0.00	35.41 -0.94 0.00	32.01 -1.38 0.00	31.93 -1.30 0.00	29.26 -1.71 0.00	42.44 -2.12 0.00	75.74 -2.91 0.00	73.03 -3.86 0.00	98.94 -5.93 0.00	50.97 -3.17 0.00	43.96 -3.37 0.00	43.64 -3.74 0.00	36.01 -2.83 0.00	30.11 -2.61 0.00
ORANGEVILLE___ESR 323794	62.72 -1.09 0.00	54.22 -0.52 0.00	35.99 -0.65 0.00	45.01 -0.66 0.00	44.24 -0.48 0.00	46.86 -0.81 0.00	52.42 -1.07 0.00	58.73 -1.71 0.00	53.92 -2.19 0.00	41.01 -1.50 0.00	55.91 -1.08 0.00	42.26 -1.14 0.00	35.41 -0.94 0.00	32.01 -1.38 0.00	31.93 -1.30 0.00	29.26 -1.71 0.00	42.44 -2.12 0.00	75.74 -2.91 0.00	73.03 -3.86 0.00	98.94 -5.93 0.00	50.97 -3.17 0.00	43.96 -3.37 0.00	43.64 -3.74 0.00	36.01 -2.83 0.00	30.11 -2.61 0.00
OSWEGATCHIE___HYD 24044	65.73 1.93 0.00	56.36 1.62 0.00	37.74 1.11 0.00	47.11 1.43 0.00	46.16 1.45 0.00	49.13 1.46 0.00	54.57 1.09 0.00	61.60 1.17 0.00	57.49 1.38 0.00	43.63 1.12 0.00	58.35 1.37 0.00	43.80 0.40 0.00	36.57 0.21 0.00	33.36 -0.02 0.00	33.12 -0.12 0.00	30.85 -0.13 0.00	44.74 0.19 0.00	80.67 2.01 0.00	79.62 2.73 0.00	108.15 3.28 0.00	55.54 1.40 0.00	48.17 0.83 0.00	48.36 0.98 0.00	39.30 0.45 0.00	32.92 0.20 0.00
OSWEGO___5 23606	61.95 -1.86 0.00	53.17 -1.57 0.00	35.57 -1.07 0.00	44.36 -1.32 0.00	43.45 -1.26 0.00	46.31 -1.36 0.00	51.95 -1.53 0.00	58.64 -1.79 0.00	54.33 -1.77 0.00	41.17 -1.34 0.00	55.17 -1.81 0.00	41.98 -1.42 0.00	35.21 -1.15 0.00	32.34 -1.04 0.00	32.19 -1.05 0.00	29.98 -0.99 0.00	43.17 -1.38 0.00	76.34 -2.32 0.00	74.55 -2.34 0.00	101.62 -3.25 0.00	52.48 -1.66 0.00	45.88 -1.45 0.00	45.90 -1.48 0.00	37.65 -1.19 0.00	31.68 -1.04 0.00
OSWEGO___6 23613	61.95 -1.86 0.00	53.17 -1.57 0.00	35.57 -1.07 0.00	44.36 -1.32 0.00	43.45 -1.26 0.00	46.31 -1.36 0.00	51.95 -1.53 0.00	58.64 -1.79 0.00	54.33 -1.77 0.00	41.17 -1.34 0.00	55.17 -1.81 0.00	41.98 -1.42 0.00	35.21 -1.15 0.00	32.34 -1.04 0.00	32.19 -1.05 0.00	29.98 -0.99 0.00	43.17 -1.38 0.00	76.34 -2.32 0.00	74.55 -2.34 0.00	101.62 -3.25 0.00	52.48 -1.66 0.00	45.88 -1.45 0.00	45.90 -1.48 0.00	37.65 -1.19 0.00	31.68 -1.04 0.00

OUTOKUMPU-AB___DRP 24206	62.57 -1.23 0.00	54.21 -0.52 0.00	35.83 -0.81 0.00	44.86 -0.82 0.00	43.82 -0.90 0.00	46.51 -1.16 0.00	51.85 -1.63 0.00	57.90 -2.53 0.00	53.16 -2.94 0.00	40.50 -2.01 0.00	55.74 -1.25 0.00	41.99 -1.41 0.00	35.29 -1.06 0.00	31.91 -1.48 0.00	31.91 -1.33 0.00	29.16 -1.81 0.00	42.15 -2.40 0.00	74.73 -3.92 0.00	71.63 -5.26 0.00	96.81 -8.05 0.00	49.91 -4.23 0.00	43.39 -3.94 0.00	43.57 -3.81 0.00	36.20 -2.64 0.00	30.26 -2.46 0.00
OXBOW___BTM 323836	62.07 -1.74 0.00	53.78 -0.96 0.00	35.48 -1.16 0.00	44.39 -1.28 0.00	43.25 -1.47 0.00	45.90 -1.77 0.00	51.16 -2.32 0.00	57.08 -3.35 0.00	52.43 -3.67 0.00	39.95 -2.56 0.00	55.04 -1.95 0.00	41.45 -1.95 0.00	34.85 -1.51 0.00	31.51 -1.87 0.00	31.53 -1.71 0.00	28.80 -2.17 0.00	41.61 -2.94 0.00	73.69 -4.97 0.00	70.56 -6.34 0.00	95.23 -9.64 0.00	49.14 -5.00 0.00	42.74 -4.59 0.00	42.97 -4.40 0.00	35.70 -3.14 0.00	29.85 -2.87 0.00
OXBOW___ 24026	62.07 -1.74 0.00	53.79 -0.95 0.00	35.48 -1.16 0.00	44.39 -1.28 0.00	43.25 -1.47 0.00	45.90 -1.77 0.00	51.14 -2.34 0.00	57.08 -3.35 0.00	52.42 -3.68 0.00	39.95 -2.56 0.00	55.05 -1.94 0.00	41.45 -1.95 0.00	34.85 -1.50 0.00	31.51 -1.87 0.00	31.52 -1.71 0.00	28.80 -2.17 0.00	41.62 -2.94 0.00	73.68 -4.97 0.00	70.55 -6.34 0.00	95.23 -9.64 0.00	49.14 -5.00 0.00	42.74 -4.59 0.00	42.97 -4.41 0.00	35.71 -3.13 0.00	29.85 -2.87 0.00
OXY_CHEM_DSASP 323612	61.67 -2.14 0.00	53.47 -1.27 0.00	35.20 -1.44 0.00	44.02 -1.66 0.00	42.76 -1.96 0.00	45.40 -2.28 0.00	50.55 -2.93 0.00	56.38 -4.05 0.00	51.79 -4.32 0.00	39.48 -3.04 0.00	54.44 -2.54 0.00	40.98 -2.42 0.00	34.47 -1.89 0.00	31.16 -2.22 0.00	31.20 -2.04 0.00	28.49 -2.48 0.00	41.14 -3.41 0.00	72.72 -5.93 0.00	69.55 -7.34 0.00	93.76 -11.11 0.00	48.43 -5.72 0.00	42.16 -5.18 0.00	42.44 -4.94 0.00	35.27 -3.57 0.00	29.49 -3.23 0.00
OZONE_PARK_ESR 323760	66.73 2.93 0.00	57.08 2.34 0.00	38.29 1.65 0.00	47.84 2.17 0.00	46.85 2.13 0.00	49.86 2.18 0.00	55.89 2.42 0.00	63.03 2.60 0.00	58.62 2.51 0.00	44.72 2.21 0.00	59.65 2.67 0.00	46.08 2.68 0.00	38.78 2.42 0.00	35.66 2.27 0.00	35.36 2.12 0.00	32.99 2.01 0.00	47.17 2.62 0.00	82.23 3.58 0.00	80.68 3.78 0.00	110.47 5.60 0.00	57.06 2.92 0.00	50.15 2.82 0.00	50.44 3.06 0.00	41.46 2.62 0.00	34.98 2.26 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_J 345013	61.67 -2.14 0.00	53.47 -1.27 0.00	35.20 -1.44 0.00	44.02 -1.66 0.00	42.76 -1.96 0.00	45.40 -2.28 0.00	50.55 -2.93 0.00	56.38 -4.05 0.00	51.79 -4.32 0.00	39.48 -3.04 0.00	54.44 -2.54 0.00	40.98 -2.42 0.00	34.47 -1.89 0.00	31.16 -2.22 0.00	31.20 -2.04 0.00	28.49 -2.48 0.00	41.14 -3.41 0.00	72.72 -5.93 0.00	69.55 -7.34 0.00	93.76 -11.11 0.00	48.43 -5.72 0.00	42.16 -5.18 0.00	42.44 -4.94 0.00	35.27 -3.57 0.00	29.49 -3.23 0.00
PACKARD___115KV_DUPONT_184 80571	61.67 -2.14 0.00	53.46 -1.28 0.00	35.20 -1.44 0.00	44.02 -1.66 0.00	42.77 -1.95 0.00	45.40 -2.27 0.00	50.56 -2.92 0.00	56.38 -4.05 0.00	51.80 -4.31 0.00	39.47 -3.04 0.00	54.44 -2.54 0.00	40.98 -2.42 0.00	34.46 -1.89 0.00	31.16 -2.23 0.00	31.20 -2.04 0.00	28.49 -2.48 0.00	41.15 -3.41 0.00	72.73 -5.93 0.00	69.55 -7.34 0.00	93.76 -11.11 0.00	48.43 -5.71 0.00	42.16 -5.18 0.00	42.44 -4.94 0.00	35.27 -3.57 0.00	29.49 -3.23 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	65.72 1.92 0.01	56.19 1.46 0.01	37.58 0.94 0.01	46.89 1.22 0.01	45.91 1.20 0.01	48.90 1.23 0.01	55.27 1.79 0.00	62.60 2.17 0.00	58.27 2.16 0.00	44.41 1.90 0.00	59.13 2.15 0.00	45.72 2.32 0.00	38.46 2.10 0.00	35.38 1.99 0.00	35.05 1.81 0.00	32.69 1.71 0.00	46.66 2.11 0.00	81.24 2.60 0.00	79.85 2.97 0.00	109.35 4.48 0.00	56.49 2.35 0.00	49.78 2.45 0.00	50.12 2.74 0.00	41.19 2.35 0.00	34.74 2.02 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	66.93 3.13 0.01	57.27 2.54 0.01	38.30 1.67 0.01	47.95 2.28 0.01	46.99 2.28 0.01	50.07 2.41 0.01	56.64 3.16 0.00	64.01 3.58 0.00	59.57 3.46 0.00	45.34 2.83 0.00	60.35 3.37 0.00	46.61 3.21 0.00	39.19 2.84 0.00	36.04 2.65 0.00	35.70 2.47 0.00	33.27 2.29 0.00	47.50 2.94 0.00	82.76 4.11 0.00	81.39 4.50 0.00	111.31 6.44 0.00	57.50 3.36 0.00	50.62 3.29 0.00	50.97 3.59 0.00	41.98 3.14 0.00	35.35 2.63 0.00
PATROON___115KV_TB1 80586	64.55 0.75 0.00	55.36 0.62 0.00	37.07 0.43 0.00	46.11 0.44 0.00	45.08 0.37 0.00	48.17 0.50 0.00	54.34 0.86 0.00	61.56 1.13 0.00	57.14 1.04 0.00	43.21 0.69 0.00	57.65 0.67 0.00	44.12 0.71 0.00	36.90 0.55 0.00	33.97 0.58 0.00	33.91 0.67 0.00	31.84 0.86 0.00	45.65 1.10 0.00	80.01 1.36 0.00	78.22 1.33 0.00	107.08 2.21 0.00	55.36 1.22 0.00	48.65 1.31 0.00	48.64 1.26 0.00	39.85 1.01 0.00	33.72 1.00 0.00
PATTRSNVILLE___SOLAR 323815	65.03 1.23 0.00	55.77 1.03 0.00	37.33 0.69 0.00	46.51 0.83 0.00	45.52 0.80 0.00	48.58 0.90 0.00	54.60 1.13 0.00	61.79 1.36 0.00	57.18 1.07 0.00	42.88 0.37 0.00	57.61 0.63 0.00	43.95 0.55 0.00	36.57 0.21 0.00	33.60 0.21 0.00	33.41 0.17 0.00	31.17 0.19 0.00	45.07 0.52 0.00	80.24 1.58 0.00	78.71 1.82 0.00	107.58 2.71 0.00	55.56 1.42 0.00	48.70 1.36 0.00	48.65 1.27 0.00	39.83 0.99 0.00	33.57 0.85 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	62.80 -1.01 0.00	54.31 -0.43 0.00	36.04 -0.61 0.00	45.10 -0.58 0.00	44.27 -0.45 0.00	46.93 -0.74 0.00	52.44 -1.04 0.00	58.71 -1.72 0.00	53.87 -2.23 0.00	41.12 -1.40 0.00	56.33 -0.65 0.00	42.53 -0.87 0.00	35.74 -0.62 0.00	32.32 -1.07 0.00	32.28 -0.95 0.00	29.58 -1.40 0.00	42.70 -1.86 0.00	75.78 -2.88 0.00	72.84 -4.05 0.00	98.73 -6.14 0.00	50.85 -3.29 0.00	44.18 -3.15 0.00	44.25 -3.13 0.00	36.71 -2.13 0.00	30.67 -2.05 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	66.51 2.70 0.00	56.94 2.20 0.00	38.17 1.53 0.00	47.67 2.00 0.00	46.73 2.00 0.00	49.77 2.09 0.00	55.83 2.34 0.00	63.03 2.60 0.00	58.55 2.45 0.00	44.54 2.03 0.00	59.42 2.44 0.00	45.71 2.31 0.00	38.40 2.05 0.00	35.33 1.95 0.00	35.08 1.84 0.00	32.73 1.76 0.00	46.89 2.34 0.00	81.99 3.33 0.00	80.41 3.52 0.00	110.07 5.20 0.00	56.85 2.71 0.00	49.92 2.59 0.00	50.13 2.75 0.00	41.16 2.32 0.00	34.70 1.98 0.00
PEEKSKILL___ 23653	65.97 2.17 0.00	56.50 1.76 0.00	37.88 1.24 0.00	47.31 1.63 0.00	46.35 1.63 0.00	49.35 1.68 0.00	55.32 1.84 0.00	62.42 1.99 0.00	57.98 1.87 0.00	44.12 1.61 0.00	58.87 1.89 0.00	45.36 1.96 0.00	38.16 1.80 0.00	35.08 1.70 0.00	34.81 1.58 0.00	32.48 1.50 0.00	46.49 1.93 0.00	81.20 2.55 0.00	79.62 2.73 0.00	109.03 4.15 0.00	56.30 2.16 0.00	49.41 2.08 0.00	49.67 2.29 0.00	40.83 1.99 0.00	34.44 1.72 0.00
PGE MADISON___WINDPWR 24146	67.53 3.72 0.00	57.88 3.15 0.00	38.66 2.02 0.00	48.26 2.58 0.00	47.42 2.70 0.00	50.58 2.91 0.00	56.98 3.50 0.00	64.48 4.05 0.00	59.69 3.58 0.00	44.70 2.19 0.00	59.62 2.64 0.00	45.11 1.71 0.00	37.41 1.05 0.00	34.31 0.92 0.00	33.88 0.65 0.00	31.66 0.68 0.00	46.63 2.08 0.00	83.95 5.30 0.00	82.38 5.48 0.00	112.23 7.36 0.00	57.86 3.72 0.00	50.14 2.81 0.00	49.70 2.32 0.00	40.32 1.48 0.00	33.62 0.90 0.00

PIERCEFIELD___HYD 23852	66.66 2.86 0.00	57.13 2.39 0.00	38.27 1.63 0.00	47.71 2.04 0.00	46.75 2.03 0.00	49.78 2.11 0.00	55.59 2.11 0.00	62.77 2.33 0.00	58.52 2.42 0.00	44.36 1.85 0.00	59.59 2.61 0.00	44.96 1.56 0.00	37.60 1.24 0.00	34.32 0.94 0.00	34.10 0.87 0.00	31.65 0.68 0.00	45.64 1.09 0.00	81.75 3.10 0.00	80.66 3.77 0.00	109.56 4.69 0.00	56.34 2.19 0.00	48.67 1.33 0.00	48.90 1.52 0.00	39.99 1.15 0.00	33.57 0.85 0.00
PINELAWN_CC_1 323563	42.58 1.47 22.70	54.54 1.32 1.51	37.62 0.99 0.01	47.20 1.52 0.00	46.24 1.55 0.03	49.21 1.54 0.00	55.02 1.54 0.00	61.82 1.40 0.00	57.34 1.40 0.17	43.18 1.22 0.56	58.60 1.61 0.00	45.35 1.95 0.00	38.20 1.85 0.00	35.09 1.71 0.00	34.56 1.33 0.00	32.41 1.44 0.00	46.28 1.73 0.00	80.68 2.03 0.00	79.28 2.39 0.00	108.93 4.05 0.00	56.26 2.12 0.00	49.36 2.03 0.00	49.63 2.26 0.00	37.36 1.73 3.21	34.36 1.65 0.00
PJM_GEN_HTTP_PROXY 323702	66.15 2.34 0.00	56.59 1.85 0.00	37.98 1.33 0.00	47.47 1.79 0.00	46.50 1.79 0.00	49.49 1.82 0.00	55.45 1.97 0.00	62.53 2.10 0.00	58.15 2.05 0.00	44.34 1.83 0.00	59.14 2.15 0.00	45.67 2.27 0.00	38.44 2.09 0.00	35.34 1.95 0.00	35.03 1.80 0.00	32.67 1.70 0.00	45.90 2.17 0.82	81.46 2.80 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.48 2.34 0.00	49.65 2.32 0.00	49.94 2.57 0.00	41.06 2.22 0.00	34.67 1.95 0.00
PJM_GEN_KEystone 24065	63.88 0.07 0.00	54.99 0.25 0.00	36.69 0.05 0.00	45.88 0.21 0.00	45.02 0.30 0.00	47.79 0.12 0.00	53.56 0.08 0.00	60.30 -0.13 0.00	55.57 -0.54 0.00	42.36 -0.15 0.00	57.11 0.13 0.00	43.71 0.31 0.00	36.73 0.37 0.00	33.55 0.17 0.00	33.38 0.14 0.00	30.88 -0.10 0.00	43.51 -0.22 0.82	77.93 -0.72 0.00	75.76 -1.13 0.00	103.42 -1.45 0.00	53.38 -0.77 0.00	46.61 -0.72 0.00	46.79 -0.59 0.00	38.65 -0.19 0.00	32.48 -0.23 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.37 1.31 28.75	54.50 1.14 1.38	37.53 0.90 0.00	47.04 1.36 0.00	46.10 1.38 0.00	49.02 1.35 0.00	54.83 1.35 0.00	61.64 1.21 0.00	57.12 1.24 0.22	42.95 1.15 0.71	58.49 1.52 0.00	45.29 1.89 0.00	38.15 1.80 0.00	35.03 1.64 0.00	34.54 1.30 0.00	32.32 1.35 0.00	45.31 1.58 0.82	80.31 1.66 0.00	78.79 1.90 0.00	108.18 3.31 0.00	55.91 1.76 0.00	49.07 1.74 0.00	49.34 1.96 0.00	36.33 1.58 4.09	34.24 1.53 0.00
PJM_GEN_VFT_PROXY 323633	56.29 2.05 9.56	48.68 1.62 7.68	36.69 1.18 1.13	43.58 1.58 3.68	44.05 1.59 2.26	46.95 1.59 2.31	49.71 1.73 5.50	62.29 1.86 0.00	57.90 1.79 0.00	44.16 1.64 0.00	48.24 1.90 10.64	45.48 2.08 0.00	38.29 1.93 0.00	35.20 1.81 0.00	34.90 1.67 0.00	32.56 1.58 0.00	38.08 1.99 8.47	79.48 2.45 1.62	60.17 2.64 19.36	89.67 4.05 19.25	41.40 2.11 14.85	43.78 2.13 5.69	40.16 2.41 9.62	37.92 2.09 3.01	34.55 1.83 0.00
PLATSBURG_115KV_PMLD1 355749	66.09 2.29 0.00	56.59 1.85 0.00	38.10 1.46 0.00	47.36 1.69 0.00	46.33 1.61 0.00	49.48 1.80 0.00	55.57 2.10 0.00	62.69 2.25 0.00	58.34 2.23 0.00	44.20 1.69 0.00	59.57 2.59 0.00	45.10 1.70 0.00	37.71 1.36 0.00	34.56 1.17 0.00	34.33 1.10 0.00	31.83 0.85 0.00	45.45 0.90 0.00	80.76 2.11 0.00	79.03 2.14 0.00	107.76 2.89 0.00	55.36 1.22 0.00	48.14 0.80 0.00	47.90 0.53 0.00	39.39 0.55 0.00	33.23 0.51 0.00
PLEASANTVLY___LBMP 24000	65.62 1.82 0.00	56.21 1.48 0.00	37.69 1.05 0.00	47.07 1.39 0.00	46.10 1.38 0.00	49.10 1.43 0.00	55.06 1.59 0.00	62.15 1.72 0.00	57.73 1.63 0.00	43.92 1.41 0.00	58.61 1.63 0.00	45.12 1.72 0.00	37.91 1.55 0.00	34.89 1.50 0.00	34.62 1.38 0.00	32.32 1.35 0.00	46.25 1.70 0.00	80.71 2.06 0.00	79.09 2.19 0.00	108.28 3.41 0.00	55.95 1.80 0.00	49.17 1.83 0.00	49.42 2.04 0.00	40.59 1.75 0.00	34.26 1.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	66.05 2.25 0.00	56.59 1.85 0.00	37.95 1.31 0.00	47.42 1.75 0.00	46.45 1.74 0.00	49.46 1.79 0.00	55.44 1.95 0.00	62.54 2.11 0.00	58.10 1.99 0.00	44.24 1.73 0.00	59.02 2.04 0.00	45.48 2.08 0.00	38.26 1.90 0.00	35.19 1.80 0.00	34.91 1.67 0.00	32.58 1.60 0.00	46.61 2.06 0.00	81.29 2.63 0.00	79.69 2.80 0.00	109.13 4.26 0.00	56.37 2.22 0.00	49.54 2.21 0.00	49.81 2.43 0.00	40.94 2.10 0.00	34.54 1.82 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	66.05 2.25 0.00	56.59 1.85 0.00	37.95 1.31 0.00	47.42 1.75 0.00	46.45 1.74 0.00	49.46 1.79 0.00	55.44 1.95 0.00	62.54 2.11 0.00	58.10 1.99 0.00	44.24 1.73 0.00	59.02 2.04 0.00	45.48 2.08 0.00	38.26 1.90 0.00	35.19 1.80 0.00	34.91 1.67 0.00	32.58 1.60 0.00	46.61 2.06 0.00	81.29 2.63 0.00	79.69 2.80 0.00	109.13 4.26 0.00	56.37 2.22 0.00	49.54 2.21 0.00	49.81 2.43 0.00	40.94 2.10 0.00	34.54 1.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	66.29 2.49 0.00	56.75 2.01 0.00	38.03 1.39 0.00	47.48 1.81 0.00	46.53 1.81 0.00	49.57 1.89 0.00	55.63 2.15 0.00	62.84 2.41 0.00	58.39 2.28 0.00	44.35 1.84 0.00	59.13 2.15 0.00	45.44 2.04 0.00	38.15 1.79 0.00	35.10 1.71 0.00	34.86 1.62 0.00	32.57 1.59 0.00	46.70 2.15 0.00	81.72 3.06 0.00	80.12 3.23 0.00	109.68 4.80 0.00	56.65 2.51 0.00	49.75 2.42 0.00	49.94 2.56 0.00	40.99 2.15 0.00	34.56 1.84 0.00
POLETTI_____ 23519	66.19 2.39 0.00	56.63 1.90 0.00	38.01 1.37 0.00	47.49 1.81 0.00	46.53 1.81 0.00	49.51 1.84 0.00	55.49 2.01 0.00	62.58 2.14 0.00	58.19 2.08 0.00	44.39 1.87 0.00	59.19 2.21 0.00	45.72 2.31 0.00	38.47 2.11 0.00	35.39 2.00 0.00	35.08 1.84 0.00	32.73 1.75 0.00	46.79 2.23 0.00	81.51 2.86 0.00	79.93 3.04 0.00	109.45 4.58 0.00	56.53 2.39 0.00	49.71 2.38 0.00	50.02 2.64 0.00	41.12 2.28 0.00	34.71 1.99 0.00
POMONA___ESR 323819	66.15 2.35 0.00	56.66 1.93 0.00	37.97 1.33 0.00	47.44 1.76 0.00	46.47 1.75 0.00	49.46 1.79 0.00	55.46 1.97 0.00	62.59 2.16 0.00	58.10 2.00 0.00	44.21 1.69 0.00	59.02 2.03 0.00	45.46 2.06 0.00	38.24 1.88 0.00	35.15 1.77 0.00	34.90 1.67 0.00	32.54 1.56 0.00	46.60 2.05 0.00	81.44 2.79 0.00	79.88 2.99 0.00	109.38 4.51 0.00	56.45 2.30 0.00	49.52 2.18 0.00	49.80 2.42 0.00	40.93 2.09 0.00	34.52 1.80 0.00
PORT_JEFF_3 23555	34.43 0.64 30.01	44.29 0.59 11.04	37.16 0.57 0.05	46.68 1.00 0.00	45.18 1.05 0.59	48.66 0.99 0.00	54.43 0.95 0.00	61.16 0.73 0.00	56.73 0.82 0.20	42.61 0.75 0.66	58.15 1.17 0.00	45.07 1.67 0.00	38.07 1.72 0.00	34.96 1.57 0.00	34.36 1.12 0.00	32.25 1.27 0.00	45.97 1.42 0.00	80.02 1.37 0.00	78.70 1.81 0.00	108.10 3.23 0.00	55.81 1.67 0.00	48.98 1.64 0.00	49.25 1.88 0.00	36.46 1.42 3.80	34.14 1.42 0.00
PORT_JEFF_4 23616	34.43 0.64 30.01	44.29 0.59 11.04	37.16 0.57 0.05	46.68 1.00 0.00	45.18 1.05 0.59	48.66 0.99 0.00	54.43 0.95 0.00	61.16 0.73 0.00	56.73 0.82 0.20	42.61 0.75 0.66	58.15 1.17 0.00	45.07 1.67 0.00	38.07 1.72 0.00	34.96 1.57 0.00	34.36 1.12 0.00	32.25 1.27 0.00	45.97 1.42 0.00	80.02 1.37 0.00	78.70 1.81 0.00	108.10 3.23 0.00	55.81 1.67 0.00	48.98 1.64 0.00	49.25 1.88 0.00	36.46 1.42 3.80	34.14 1.42 0.00

PORT_JEFF_IC 23713	34.44 0.63 30.01	47.20 0.57 8.11	38.44 0.56 -1.24	46.66 0.99 0.00	45.24 1.04 0.52	48.65 0.98 0.00	54.43 0.95 0.00	61.15 0.72 0.00	56.74 0.83 0.20	43.08 0.75 0.19	74.64 1.16 -16.49	85.31 1.65 -40.26	39.90 1.72 -1.83	34.96 1.57 -0.01	34.78 1.12 -0.42	32.26 1.28 0.00	46.32 1.45 -0.31	82.74 1.41 -2.68	79.62 1.88 -0.86	108.39 3.31 -0.22	56.48 1.71 -0.63	49.00 1.67 0.00	49.25 1.87 0.00	36.49 1.42 3.78	34.13 1.41 0.00
PPL PILGRIM_ST_GT1 24216	39.23 1.38 25.95	53.95 1.34 2.13	37.65 1.01 0.01	47.25 1.57 0.00	46.29 1.63 0.05	49.27 1.60 0.00	55.12 1.64 0.00	61.91 1.49 0.00	57.41 1.49 0.20	43.12 1.24 0.63	58.58 1.60 0.00	45.39 1.99 0.00	38.26 1.91 0.00	35.19 1.81 0.00	34.62 1.39 0.00	32.50 1.52 0.00	46.34 1.78 0.00	80.64 1.99 0.00	79.32 2.43 0.00	109.04 4.17 0.00	56.28 2.13 0.00	49.43 2.10 0.00	49.67 2.29 0.00	36.92 1.73 3.65	34.43 1.71 0.00
PPL PILGRIM_ST_GT2 24217	39.23 1.38 25.95	53.95 1.34 2.13	37.65 1.01 0.01	47.25 1.57 0.00	46.29 1.63 0.05	49.27 1.60 0.00	55.12 1.64 0.00	61.91 1.49 0.00	57.41 1.49 0.20	43.12 1.24 0.63	58.58 1.60 0.00	45.39 1.99 0.00	38.26 1.91 0.00	35.19 1.81 0.00	34.62 1.39 0.00	32.50 1.52 0.00	46.34 1.78 0.00	80.64 1.99 0.00	79.32 2.43 0.00	109.04 4.17 0.00	56.28 2.13 0.00	49.43 2.10 0.00	49.67 2.29 0.00	36.92 1.73 3.65	34.43 1.71 0.00
PPL_SHRM_GT3 24213	33.45 -0.45 29.90	29.74 -0.32 24.68	31.44 0.00 5.19	46.02 0.34 0.00	44.08 0.36 1.00	47.93 0.26 0.00	53.63 0.15 0.00	60.28 -0.15 0.00	55.93 0.03 0.20	40.10 0.10 2.52	-8.27 0.40 65.64	-115.77 1.09 160.26	30.52 1.44 7.28	34.71 1.34 0.02	32.35 0.78 1.66	31.96 0.99 0.00	44.27 0.96 1.24	68.41 0.43 10.67	74.47 0.99 3.41	106.14 2.13 0.86	52.73 1.09 2.51	48.49 1.15 0.00	48.74 1.37 0.00	36.05 1.00 3.79	33.77 1.06 0.00
PPL_SHRM_GT4 24214	33.45 -0.45 29.90	29.74 -0.32 24.68	31.44 0.00 5.19	46.02 0.34 0.00	44.08 0.36 1.00	47.93 0.26 0.00	53.63 0.15 0.00	60.28 -0.15 0.00	55.93 0.03 0.20	40.10 0.10 2.52	-8.27 0.40 65.64	-115.77 1.09 160.26	30.52 1.44 7.28	34.71 1.34 0.02	32.35 0.78 1.66	31.96 0.99 0.00	44.27 0.96 1.24	68.41 0.43 10.67	74.47 0.99 3.41	106.14 2.13 0.86	52.73 1.09 2.51	48.49 1.15 0.00	48.74 1.37 0.00	36.05 1.00 3.79	33.77 1.06 0.00
PROJECT___ORANGE 1 24174	62.69 -1.12 0.00	53.80 -0.94 0.00	35.96 -0.68 0.00	44.86 -0.82 0.00	43.95 -0.77 0.00	46.84 -0.83 0.00	52.57 -0.91 0.00	59.34 -1.09 0.00	54.97 -1.14 0.00	41.60 -0.91 0.00	55.75 -1.24 0.00	42.38 -1.02 0.00	35.57 -0.79 0.00	32.66 -0.73 0.00	32.52 -0.72 0.00	30.29 -0.68 0.00	43.66 -0.90 0.00	77.28 -1.37 0.00	75.45 -1.44 0.00	102.88 -2.00 0.00	53.12 -1.03 0.00	46.43 -0.91 0.00	46.42 -0.96 0.00	38.07 -0.77 0.00	32.02 -0.69 0.00
PROJECT___ORANGE 2 24166	62.69 -1.12 0.00	53.80 -0.94 0.00	35.96 -0.68 0.00	44.86 -0.82 0.00	43.95 -0.77 0.00	46.84 -0.83 0.00	52.57 -0.91 0.00	59.34 -1.09 0.00	54.97 -1.14 0.00	41.60 -0.91 0.00	55.75 -1.24 0.00	42.38 -1.02 0.00	35.57 -0.79 0.00	32.66 -0.73 0.00	32.52 -0.72 0.00	30.29 -0.68 0.00	43.66 -0.90 0.00	77.28 -1.37 0.00	75.45 -1.44 0.00	102.88 -2.00 0.00	53.12 -1.03 0.00	46.43 -0.91 0.00	46.42 -0.96 0.00	38.07 -0.77 0.00	32.02 -0.69 0.00
PUCKETT___SOLAR 323809	64.93 1.12 0.00	55.71 0.97 0.00	37.22 0.58 0.00	46.47 0.79 0.00	45.58 0.86 0.00	48.52 0.85 0.00	54.52 1.04 0.00	61.58 1.15 0.00	56.95 0.84 0.00	42.91 0.40 0.00	57.25 0.27 0.00	43.48 0.08 0.00	36.35 0.00 0.00	33.36 -0.03 0.00	33.11 -0.13 0.00	30.85 -0.13 0.00	44.81 0.26 0.00	79.84 1.19 0.00	78.12 1.23 0.00	106.59 1.72 0.00	55.03 0.89 0.00	47.95 0.62 0.00	47.86 0.48 0.00	39.19 0.35 0.00	32.88 0.16 0.00
PYRITES___HYD 24023	67.63 3.82 0.00	57.94 3.20 0.00	38.80 2.16 0.00	48.37 2.70 0.00	47.41 2.69 0.00	50.50 2.83 0.00	56.43 2.95 0.00	63.75 3.32 0.00	59.45 3.34 0.00	44.99 2.48 0.00	60.34 3.36 0.00	45.32 1.92 0.00	37.93 1.58 0.00	34.59 1.20 0.00	34.30 1.06 0.00	31.80 0.83 0.00	45.87 1.32 0.00	82.76 4.11 0.00	81.99 5.10 0.00	111.38 6.51 0.00	57.31 3.17 0.00	49.43 2.09 0.00	49.64 2.26 0.00	40.60 1.75 0.00	34.06 1.34 0.00
QUAKERRD_115KV_BK1 80622	61.51 -2.30 0.00	53.00 -1.74 0.00	35.28 -1.36 0.00	44.09 -1.59 0.00	43.21 -1.51 0.00	45.99 -1.68 0.00	51.47 -2.01 0.00	57.91 -2.52 0.00	53.48 -2.63 0.00	40.53 -1.98 0.00	54.92 -2.06 0.00	41.59 -1.82 0.00	34.94 -1.42 0.00	31.88 -1.50 0.00	31.82 -1.42 0.00	29.40 -1.58 0.00	42.49 -2.06 0.00	75.40 -3.26 0.00	73.15 -3.74 0.00	99.29 -5.58 0.00	51.15 -2.99 0.00	44.64 -2.70 0.00	44.69 -2.69 0.00	36.79 -2.05 0.00	30.84 -1.88 0.00
QUENSBRY_115KV_TB8 356137	65.45 1.65 0.00	56.07 1.33 0.00	37.61 0.97 0.00	46.64 0.96 0.00	45.62 0.90 0.00	48.98 1.30 0.00	55.48 2.00 0.00	62.62 2.19 0.00	58.03 1.93 0.00	43.39 0.88 0.00	58.12 1.15 0.00	44.64 1.23 0.00	36.94 0.58 0.00	34.00 0.61 0.00	33.76 0.52 0.00	31.74 0.76 0.00	45.71 1.15 0.00	81.18 2.52 0.00	79.53 2.64 0.00	109.25 4.38 0.00	56.50 2.36 0.00	49.65 2.32 0.00	49.26 1.89 0.00	40.24 1.40 0.00	34.21 1.49 0.00
RAMAPO___LBMP 323565	65.96 2.16 0.00	56.52 1.78 0.00	37.86 1.22 0.00	47.30 1.63 0.00	46.33 1.61 0.00	49.33 1.66 0.00	55.30 1.82 0.00	62.44 2.00 0.00	57.94 1.83 0.00	44.06 1.55 0.00	58.82 1.83 0.00	45.31 1.90 0.00	38.09 1.74 0.00	35.03 1.64 0.00	34.78 1.55 0.00	32.41 1.44 0.00	46.43 1.88 0.00	81.18 2.53 0.00	79.62 2.73 0.00	109.03 4.16 0.00	56.27 2.13 0.00	49.35 2.02 0.00	49.61 2.23 0.00	40.80 1.96 0.00	34.40 1.68 0.00
RANKINE____ 23646	62.89 -0.91 0.00	54.45 -0.29 0.00	36.09 -0.55 0.00	45.18 -0.49 0.00	44.34 -0.38 0.00	47.01 -0.67 0.00	52.48 -1.00 0.00	58.72 -1.71 0.00	53.88 -2.22 0.00	41.11 -1.40 0.00	56.38 -0.60 0.00	42.52 -0.88 0.00	35.73 -0.62 0.00	32.31 -1.08 0.00	32.28 -0.96 0.00	29.55 -1.43 0.00	42.70 -1.85 0.00	75.76 -2.89 0.00	72.78 -4.11 0.00	98.54 -6.33 0.00	50.74 -3.40 0.00	44.02 -3.31 0.00	44.08 -3.30 0.00	36.59 -2.25 0.00	30.56 -2.16 0.00
RAVENSWOOD_GT2_1 24244	66.16 2.35 0.00	56.61 1.87 0.00	38.00 1.36 0.00	47.49 1.81 0.00	46.52 1.80 0.00	49.51 1.84 0.00	55.48 2.01 0.00	62.56 2.13 0.00	58.18 2.07 0.00	44.36 1.85 0.00	59.16 2.18 0.00	45.69 2.28 0.00	38.45 2.10 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.74 0.00	46.77 2.21 0.00	81.46 2.80 0.00	79.88 2.99 0.00	109.40 4.53 0.00	56.51 2.36 0.00	49.70 2.37 0.00	50.01 2.63 0.00	41.12 2.28 0.00	34.71 1.99 0.00
RAVENSWOOD_GT2_2 24245	66.16 2.35 0.00	56.61 1.87 0.00	38.00 1.36 0.00	47.49 1.81 0.00	46.52 1.80 0.00	49.51 1.84 0.00	55.48 2.01 0.00	62.56 2.13 0.00	58.18 2.07 0.00	44.36 1.85 0.00	59.16 2.18 0.00	45.69 2.28 0.00	38.45 2.10 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.74 0.00	46.77 2.21 0.00	81.46 2.80 0.00	79.88 2.99 0.00	109.40 4.53 0.00	56.51 2.36 0.00	49.70 2.37 0.00	50.01 2.63 0.00	41.12 2.28 0.00	34.71 1.99 0.00

RAVENSWOOD_GT2_3 24246	66.19 2.39 0.00	56.63 1.90 0.00	38.01 1.37 0.00	47.50 1.82 0.00	46.53 1.81 0.00	49.51 1.84 0.00	55.50 2.02 0.00	62.60 2.16 0.00	58.20 2.10 0.00	44.38 1.87 0.00	59.19 2.21 0.00	45.72 2.31 0.00	38.46 2.10 0.00	35.38 1.99 0.00	35.08 1.85 0.00	32.74 1.76 0.00	46.79 2.23 0.00	81.50 2.85 0.00	79.92 3.03 0.00	109.43 4.56 0.00	56.53 2.39 0.00	49.71 2.38 0.00	50.03 2.66 0.00	41.12 2.28 0.00	34.72 2.00 0.00
RAVENSWOOD_GT2_4 24247	66.19 2.39 0.00	56.63 1.90 0.00	38.01 1.37 0.00	47.50 1.82 0.00	46.53 1.81 0.00	49.51 1.84 0.00	55.50 2.02 0.00	62.60 2.16 0.00	58.20 2.10 0.00	44.38 1.87 0.00	59.19 2.21 0.00	45.72 2.31 0.00	38.46 2.10 0.00	35.38 1.99 0.00	35.08 1.85 0.00	32.74 1.76 0.00	46.79 2.23 0.00	81.50 2.85 0.00	79.92 3.03 0.00	109.43 4.56 0.00	56.53 2.39 0.00	49.71 2.38 0.00	50.03 2.66 0.00	41.12 2.28 0.00	34.72 2.00 0.00
RAVENSWOOD_GT3_1 24248	66.16 2.35 0.00	56.61 1.87 0.00	38.00 1.36 0.00	47.49 1.81 0.00	46.52 1.80 0.00	49.51 1.84 0.00	55.48 2.01 0.00	62.56 2.13 0.00	58.18 2.07 0.00	44.36 1.85 0.00	59.16 2.18 0.00	45.69 2.29 0.00	38.45 2.10 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.74 0.00	46.77 2.21 0.00	81.46 2.80 0.00	79.88 2.99 0.00	109.41 4.54 0.00	56.51 2.36 0.00	49.70 2.37 0.00	50.01 2.63 0.00	41.12 2.28 0.00	34.71 1.99 0.00
RAVENSWOOD_GT3_2 24249	66.16 2.35 0.00	56.61 1.87 0.00	38.00 1.36 0.00	47.49 1.81 0.00	46.52 1.80 0.00	49.51 1.84 0.00	55.48 2.01 0.00	62.56 2.13 0.00	58.18 2.07 0.00	44.36 1.85 0.00	59.16 2.18 0.00	45.69 2.29 0.00	38.45 2.10 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.74 0.00	46.77 2.21 0.00	81.46 2.80 0.00	79.88 2.99 0.00	109.41 4.54 0.00	56.51 2.36 0.00	49.70 2.37 0.00	50.01 2.63 0.00	41.12 2.28 0.00	34.71 1.99 0.00
RAVENSWOOD_GT3_3 24250	66.24 2.44 0.00	56.69 1.95 0.00	38.04 1.40 0.00	47.53 1.86 0.00	46.57 1.86 0.00	49.56 1.89 0.00	55.55 2.07 0.00	62.64 2.21 0.00	58.25 2.15 0.00	44.42 1.91 0.00	59.25 2.27 0.00	45.76 2.36 0.00	38.50 2.15 0.00	35.42 2.03 0.00	35.12 1.88 0.00	32.77 1.79 0.00	46.83 2.28 0.00	81.60 2.94 0.00	80.00 3.11 0.00	109.54 4.67 0.00	56.58 2.44 0.00	49.76 2.43 0.00	50.08 2.70 0.00	41.16 2.31 0.00	34.75 2.03 0.00
RAVENSWOOD_GT3_4 24251	66.24 2.44 0.00	56.69 1.95 0.00	38.04 1.40 0.00	47.53 1.86 0.00	46.57 1.86 0.00	49.56 1.89 0.00	55.55 2.07 0.00	62.64 2.21 0.00	58.25 2.15 0.00	44.42 1.91 0.00	59.25 2.27 0.00	45.76 2.36 0.00	38.50 2.15 0.00	35.42 2.03 0.00	35.12 1.88 0.00	32.77 1.79 0.00	46.83 2.28 0.00	81.60 2.94 0.00	80.00 3.11 0.00	109.54 4.67 0.00	56.58 2.44 0.00	49.76 2.43 0.00	50.08 2.70 0.00	41.16 2.31 0.00	34.75 2.03 0.00
RAVENSWOOD_GT_1 23729	65.88 2.08 0.01	56.36 1.63 0.01	37.84 1.21 0.01	47.28 1.62 0.01	46.32 1.61 0.01	49.30 1.64 0.01	55.29 1.81 0.00	62.38 1.95 0.00	58.06 1.96 0.00	44.35 1.84 0.00	59.07 2.09 0.00	45.69 2.29 0.00	38.46 2.10 0.00	35.37 1.99 0.00	35.08 1.84 0.00	32.73 1.76 0.00	46.73 2.17 0.00	81.20 2.55 0.00	79.65 2.77 0.00	109.08 4.21 0.00	56.37 2.23 0.00	49.65 2.32 0.00	50.02 2.64 0.00	41.13 2.29 0.00	34.73 2.01 0.00
RAVENSWOOD_GT_10 24258	66.17 2.37 0.00	56.63 1.89 0.00	38.00 1.36 0.00	47.49 1.81 0.00	46.53 1.81 0.00	49.52 1.84 0.00	55.49 2.01 0.00	62.58 2.15 0.00	58.20 2.09 0.00	44.36 1.85 0.00	59.17 2.19 0.00	45.69 2.29 0.00	38.46 2.10 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.74 0.00	46.77 2.22 0.00	81.48 2.83 0.00	79.89 3.00 0.00	109.42 4.55 0.00	56.51 2.37 0.00	49.70 2.37 0.00	50.01 2.63 0.00	41.12 2.28 0.00	34.71 1.99 0.00
RAVENSWOOD_GT_11 24259	66.17 2.37 0.00	56.63 1.89 0.00	38.00 1.36 0.00	47.49 1.81 0.00	46.53 1.81 0.00	49.52 1.84 0.00	55.49 2.01 0.00	62.58 2.15 0.00	58.20 2.09 0.00	44.36 1.85 0.00	59.17 2.19 0.00	45.69 2.29 0.00	38.46 2.10 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.74 0.00	46.77 2.22 0.00	81.48 2.83 0.00	79.89 3.00 0.00	109.42 4.55 0.00	56.51 2.37 0.00	49.70 2.37 0.00	50.01 2.63 0.00	41.12 2.28 0.00	34.71 1.99 0.00
RAVENSWOOD_GT_4 24252	66.05 2.25 0.01	56.52 1.79 0.01	37.92 1.29 0.01	47.38 1.72 0.01	46.43 1.72 0.01	49.41 1.75 0.01	55.41 1.93 0.00	62.50 2.07 0.00	58.13 2.02 0.00	44.35 1.84 0.00	59.11 2.13 0.00	45.68 2.28 0.00	38.44 2.08 0.00	35.36 1.97 0.00	35.05 1.82 0.00	32.71 1.74 0.00	46.74 2.19 0.00	81.36 2.71 0.00	79.80 2.91 0.00	109.29 4.42 0.00	56.46 2.32 0.00	49.68 2.35 0.00	49.99 2.61 0.00	41.11 2.27 0.00	34.70 1.98 0.00
RAVENSWOOD_GT_5 24254	66.05 2.25 0.01	56.52 1.79 0.01	37.92 1.29 0.01	47.38 1.72 0.01	46.43 1.72 0.01	49.41 1.75 0.01	55.41 1.93 0.00	62.50 2.07 0.00	58.13 2.02 0.00	44.35 1.84 0.00	59.11 2.13 0.00	45.68 2.28 0.00	38.44 2.08 0.00	35.36 1.97 0.00	35.05 1.82 0.00	32.71 1.74 0.00	46.74 2.19 0.00	81.36 2.71 0.00	79.80 2.91 0.00	109.29 4.42 0.00	56.46 2.32 0.00	49.68 2.35 0.00	49.99 2.61 0.00	41.11 2.27 0.00	34.70 1.98 0.00
RAVENSWOOD_GT_6 24253	66.05 2.25 0.01	56.52 1.79 0.01	37.92 1.29 0.01	47.38 1.72 0.01	46.43 1.72 0.01	49.41 1.75 0.01	55.41 1.93 0.00	62.50 2.07 0.00	58.13 2.02 0.00	44.35 1.84 0.00	59.11 2.13 0.00	45.68 2.28 0.00	38.44 2.08 0.00	35.36 1.97 0.00	35.05 1.82 0.00	32.71 1.74 0.00	46.74 2.19 0.00	81.36 2.71 0.00	79.80 2.91 0.00	109.29 4.42 0.00	56.46 2.32 0.00	49.68 2.35 0.00	49.99 2.61 0.00	41.11 2.27 0.00	34.70 1.98 0.00
RAVENSWOOD_GT_7 24255	66.05 2.25 0.01	56.52 1.79 0.01	37.92 1.29 0.01	47.38 1.72 0.01	46.43 1.72 0.01	49.41 1.75 0.01	55.41 1.93 0.00	62.50 2.07 0.00	58.13 2.02 0.00	44.35 1.84 0.00	59.11 2.13 0.00	45.68 2.28 0.00	38.44 2.08 0.00	35.36 1.97 0.00	35.05 1.82 0.00	32.71 1.74 0.00	46.74 2.19 0.00	81.36 2.71 0.00	79.80 2.91 0.00	109.29 4.42 0.00	56.46 2.32 0.00	49.68 2.35 0.00	49.99 2.61 0.00	41.11 2.27 0.00	34.70 1.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	66.17 2.37 0.00	56.63 1.89 0.00	38.00 1.36 0.00	47.49 1.81 0.00	46.53 1.81 0.00	49.52 1.84 0.00	55.49 2.01 0.00	62.58 2.15 0.00	58.20 2.09 0.00	44.36 1.85 0.00	59.17 2.19 0.00	45.69 2.29 0.00	38.46 2.10 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.74 0.00	46.77 2.22 0.00	81.48 2.83 0.00	79.89 3.00 0.00	109.42 4.55 0.00	56.51 2.37 0.00	49.70 2.37 0.00	50.01 2.63 0.00	41.12 2.28 0.00	34.71 1.99 0.00
RAVENSWOOD_GT_9 24257	66.17 2.37 0.00	56.63 1.89 0.00	38.00 1.36 0.00	47.49 1.81 0.00	46.53 1.81 0.00	49.52 1.84 0.00	55.49 2.01 0.00	62.58 2.15 0.00	58.20 2.09 0.00	44.36 1.85 0.00	59.17 2.19 0.00	45.69 2.29 0.00	38.46 2.10 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.74 0.00	46.77 2.22 0.00	81.48 2.83 0.00	79.89 3.00 0.00	109.42 4.55 0.00	56.51 2.37 0.00	49.70 2.37 0.00	50.01 2.63 0.00	41.12 2.28 0.00	34.71 1.99 0.00

RAVENSWOOD___1 23533	65.86 2.07 0.01	56.36 1.63 0.01	37.82 1.19 0.01	47.26 1.59 0.01	46.30 1.59 0.01	49.27 1.60 0.01	55.28 1.80 0.00	62.36 1.93 0.00	58.04 1.93 0.00	44.34 1.83 0.00	59.03 2.05 0.00	45.66 2.26 0.00	38.45 2.09 0.00	35.36 1.97 0.00	35.05 1.82 0.00	32.71 1.74 0.00	46.71 2.15 0.00	81.18 2.53 0.00	79.64 2.75 0.00	109.05 4.18 0.00	56.36 2.22 0.00	49.64 2.31 0.00	50.00 2.63 0.00	41.11 2.27 0.00	34.71 1.99 0.00
RAVENSWOOD___2 23534	65.84 2.04 0.01	56.34 1.61 0.01	37.81 1.18 0.01	47.25 1.58 0.01	46.28 1.57 0.01	49.26 1.60 0.01	55.26 1.78 0.00	62.34 1.91 0.00	58.02 1.92 0.00	44.31 1.80 0.00	59.02 2.03 0.00	45.65 2.25 0.00	38.43 2.08 0.00	35.34 1.95 0.00	35.04 1.80 0.00	32.69 1.72 0.00	46.68 2.13 0.00	81.16 2.52 0.00	79.64 2.75 0.00	109.04 4.17 0.00	56.35 2.21 0.00	49.63 2.30 0.00	49.97 2.59 0.00	41.09 2.25 0.00	34.69 1.97 0.00
RAVENSWOOD___3 23535	66.16 2.36 0.00	56.61 1.87 0.00	38.00 1.36 0.00	47.49 1.81 0.00	46.52 1.80 0.00	49.51 1.84 0.00	55.48 2.01 0.00	62.56 2.13 0.00	58.18 2.07 0.00	44.36 1.85 0.00	59.16 2.18 0.00	45.69 2.29 0.00	38.46 2.11 0.00	35.36 1.97 0.00	35.07 1.83 0.00	32.71 1.74 0.00	46.77 2.22 0.00	81.46 2.80 0.00	79.89 3.00 0.00	109.41 4.54 0.00	56.51 2.36 0.00	49.70 2.37 0.00	50.01 2.64 0.00	41.12 2.28 0.00	34.71 1.99 0.00
RAVENSWOOD___4 23820	65.84 2.04 0.01	56.34 1.61 0.01	37.81 1.18 0.01	47.25 1.58 0.01	46.28 1.57 0.01	49.26 1.60 0.01	55.26 1.78 0.00	62.34 1.91 0.00	58.02 1.92 0.00	44.31 1.80 0.00	59.02 2.03 0.00	45.65 2.25 0.00	38.43 2.08 0.00	35.34 1.95 0.00	35.04 1.80 0.00	32.69 1.72 0.00	46.68 2.13 0.00	81.16 2.52 0.00	79.64 2.75 0.00	109.04 4.17 0.00	56.35 2.21 0.00	49.63 2.30 0.00	49.97 2.59 0.00	41.09 2.25 0.00	34.69 1.97 0.00
RCPL_TRUST___DRP 24196	66.20 2.39 0.00	56.63 1.89 0.00	38.00 1.36 0.00	47.51 1.83 0.00	46.54 1.82 0.00	49.53 1.86 0.00	55.50 2.02 0.00	62.58 2.14 0.00	58.19 2.09 0.00	44.38 1.87 0.00	59.19 2.21 0.00	45.72 2.31 0.00	38.47 2.12 0.00	35.37 1.99 0.00	35.07 1.83 0.00	32.72 1.74 0.00	46.78 2.22 0.00	81.53 2.88 0.00	79.94 3.05 0.00	109.45 4.58 0.00	56.53 2.39 0.00	49.69 2.36 0.00	49.99 2.62 0.00	41.10 2.26 0.00	34.70 1.98 0.00
RED___ROCHESTER 323720	63.31 -0.49 0.00	54.60 -0.14 0.00	36.28 -0.36 0.00	45.37 -0.31 0.00	44.46 -0.26 0.00	47.29 -0.38 0.00	52.90 -0.59 0.00	59.45 -0.98 0.00	54.83 -1.27 0.00	41.60 -0.91 0.00	56.55 -0.43 0.00	42.76 -0.64 0.00	35.93 -0.42 0.00	32.74 -0.64 0.00	32.68 -0.55 0.00	30.12 -0.86 0.00	43.60 -0.96 0.00	77.46 -1.19 0.00	75.03 -1.86 0.00	101.79 -3.08 0.00	52.41 -1.73 0.00	45.71 -1.62 0.00	45.75 -1.63 0.00	37.71 -1.13 0.00	31.56 -1.15 0.00
REGAN___SOLAR 323812	65.94 2.13 0.00	56.53 1.79 0.00	37.80 1.16 0.00	47.14 1.46 0.00	46.14 1.42 0.00	49.25 1.58 0.00	55.30 1.82 0.00	62.61 2.18 0.00	57.87 1.77 0.00	42.98 0.46 0.00	58.09 1.11 0.00	43.92 0.52 0.00	36.17 -0.19 0.00	33.21 -0.18 0.00	32.83 -0.40 0.00	30.61 -0.37 0.00	44.88 0.32 0.00	81.36 2.70 0.00	80.17 3.28 0.00	109.51 4.64 0.00	56.48 2.33 0.00	49.40 2.07 0.00	49.28 1.90 0.00	40.30 1.45 0.00	33.80 1.08 0.00
RENSSELAER___COGEN 23796	64.21 0.40 0.00	55.07 0.33 0.00	36.88 0.24 0.00	45.88 0.20 0.00	44.86 0.14 0.00	47.92 0.25 0.00	54.05 0.57 0.00	61.21 0.78 0.00	56.84 0.73 0.00	42.96 0.45 0.00	57.32 0.34 0.00	43.84 0.44 0.00	36.68 0.33 0.00	33.79 0.41 0.00	33.71 0.48 0.00	31.64 0.66 0.00	45.32 0.77 0.00	79.43 0.78 0.00	77.67 0.78 0.00	106.36 1.48 0.00	54.99 0.84 0.00	48.34 1.00 0.00	48.33 0.95 0.00	39.61 0.77 0.00	33.52 0.80 0.00
REPUBLIC_115KV_BARTNBRK 55605	69.61 5.81 0.00	59.65 4.91 0.00	40.16 3.52 0.00	49.43 3.75 0.00	48.21 3.49 0.00	52.05 4.38 0.00	59.35 5.87 0.00	66.69 6.26 0.00	61.53 5.42 0.00	45.30 2.79 0.00	60.53 3.54 0.00	46.88 3.48 0.00	38.66 2.31 0.00	35.74 2.36 0.00	35.36 2.12 0.00	33.23 2.26 0.00	47.47 2.92 0.00	85.61 6.96 0.00	84.17 7.28 0.00	116.14 11.27 0.00	60.43 6.29 0.00	53.05 5.71 0.00	52.14 4.77 0.00	42.28 3.44 0.00	36.08 3.36 0.00
REVERE_CPPR_DRP 24186	65.53 1.72 0.00	56.23 1.49 0.00	37.63 0.99 0.00	46.99 1.31 0.00	46.08 1.37 0.00	49.06 1.38 0.00	55.03 1.55 0.00	62.31 1.88 0.00	57.81 1.70 0.00	43.76 1.25 0.00	58.53 1.55 0.00	43.93 0.53 0.00	36.81 0.45 0.00	33.68 0.29 0.00	33.45 0.21 0.00	31.23 0.26 0.00	45.41 0.85 0.00	81.12 2.47 0.00	79.61 2.72 0.00	108.45 3.58 0.00	55.88 1.74 0.00	48.75 1.42 0.00	48.72 1.34 0.00	39.73 0.89 0.00	33.37 0.65 0.00
REYNLDPA_13_KV_LD 356490	65.69 1.89 0.00	56.33 1.59 0.00	37.73 1.09 0.00	47.04 1.37 0.00	46.06 1.34 0.00	49.09 1.42 0.00	54.91 1.43 0.00	61.99 1.56 0.00	57.72 1.61 0.00	43.80 1.29 0.00	58.93 1.95 0.00	44.71 1.31 0.00	37.44 1.09 0.00	34.25 0.87 0.00	34.11 0.87 0.00	31.66 0.68 0.00	45.55 1.00 0.00	80.82 2.16 0.00	79.15 2.26 0.00	107.10 2.23 0.00	55.37 1.22 0.00	48.29 0.96 0.00	48.29 0.91 0.00	39.58 0.74 0.00	33.29 0.57 0.00
REYNOLDS_115KV_TB3 80639	64.15 0.34 0.00	55.02 0.28 0.00	36.84 0.20 0.00	45.79 0.12 0.00	44.78 0.06 0.00	47.87 0.19 0.00	54.04 0.56 0.00	61.22 0.79 0.00	56.88 0.77 0.00	42.97 0.46 0.00	57.32 0.34 0.00	43.85 0.45 0.00	36.65 0.29 0.00	33.77 0.39 0.00	33.73 0.50 0.00	31.69 0.71 0.00	45.35 0.80 0.00	79.37 0.72 0.00	77.59 0.70 0.00	106.33 1.46 0.00	54.99 0.85 0.00	48.38 1.05 0.00	48.35 0.97 0.00	39.62 0.78 0.00	33.56 0.84 0.00
RIVERBAY____ 323610	66.93 3.13 0.01	57.27 2.54 0.01	38.30 1.67 0.01	47.95 2.28 0.01	46.99 2.28 0.01	50.07 2.41 0.01	56.64 3.16 0.00	64.01 3.58 0.00	59.57 3.46 0.00	45.34 2.83 0.00	60.35 3.37 0.00	46.61 3.21 0.00	39.19 2.84 0.00	36.04 2.65 0.00	35.70 2.47 0.00	33.27 2.29 0.00	47.50 2.94 0.00	82.76 4.11 0.00	81.39 4.50 0.00	111.31 6.44 0.00	57.50 3.36 0.00	50.62 3.29 0.00	50.97 3.59 0.00	41.98 3.14 0.00	35.35 2.63 0.00
RIVERSDE_115KV_TB3 55908	64.20 0.40 0.00	55.06 0.32 0.00	36.87 0.23 0.00	45.87 0.19 0.00	44.84 0.12 0.00	47.92 0.25 0.00	54.05 0.57 0.00	61.22 0.79 0.00	56.86 0.75 0.00	42.98 0.47 0.00	57.34 0.35 0.00	43.86 0.46 0.00	36.68 0.33 0.00	33.80 0.42 0.00	33.74 0.51 0.00	31.67 0.69 0.00	45.35 0.80 0.00	79.43 0.78 0.00	77.67 0.78 0.00	106.37 1.50 0.00	55.00 0.85 0.00	48.36 1.03 0.00	48.35 0.98 0.00	39.62 0.78 0.00	33.55 0.82 0.00
ROARING___BROOK_WT_PWR 323790	64.13 0.32 0.00	55.00 0.26 0.00	36.82 0.18 0.00	45.87 0.20 0.00	44.89 0.17 0.00	47.61 -0.06 0.00	52.96 -0.52 0.00	59.97 -0.46 0.00	56.14 0.03 0.00	42.68 0.17 0.00	57.29 0.31 0.00	43.55 0.15 0.00	36.45 0.10 0.00	33.37 -0.01 0.00	33.22 -0.01 0.00	30.99 0.01 0.00	44.62 0.06 0.00	78.85 0.20 0.00	77.23 0.33 0.00	104.99 0.12 0.00	54.08 -0.06 0.00	47.13 -0.20 0.00	47.13 -0.24 0.00	38.47 -0.37 0.00	32.27 -0.45 0.00

ROCHESRG_115KV_T4 355643	62.74 -1.06 0.00	54.12 -0.62 0.00	35.98 -0.66 0.00	45.00 -0.67 0.00	44.11 -0.61 0.00	46.91 -0.76 0.00	52.45 -1.03 0.00	58.92 -1.52 0.00	54.33 -1.77 0.00	41.24 -1.28 0.00	56.05 -0.93 0.00	42.38 -1.02 0.00	35.62 -0.74 0.00	32.45 -0.93 0.00	32.38 -0.85 0.00	29.84 -1.14 0.00	43.14 -1.41 0.00	76.57 -2.08 0.00	74.14 -2.75 0.00	100.58 -4.30 0.00	51.81 -2.33 0.00	45.18 -2.15 0.00	45.25 -2.12 0.00	37.33 -1.51 0.00	31.27 -1.45 0.00
ROCHESTER_9_IC 23652	63.06 -0.75 0.00	54.39 -0.35 0.00	36.16 -0.48 0.00	45.20 -0.48 0.00	44.31 -0.41 0.00	47.13 -0.54 0.00	52.70 -0.78 0.00	59.21 -1.22 0.00	54.60 -1.50 0.00	41.44 -1.07 0.00	56.32 -0.66 0.00	42.59 -0.81 0.00	35.78 -0.57 0.00	32.61 -0.78 0.00	32.55 -0.69 0.00	29.99 -0.99 0.00	43.38 -1.17 0.00	77.06 -1.60 0.00	74.61 -2.28 0.00	101.20 -3.67 0.00	52.14 -2.01 0.00	45.46 -1.87 0.00	45.52 -1.86 0.00	37.54 -1.30 0.00	31.43 -1.29 0.00
ROCKVIEW_13_KV_LD 356306	66.21 2.41 0.00	56.67 1.93 0.00	38.02 1.38 0.00	47.53 1.85 0.00	46.55 1.83 0.00	49.56 1.89 0.00	55.53 2.05 0.00	62.64 2.21 0.00	58.21 2.10 0.00	44.36 1.85 0.00	59.20 2.22 0.00	45.66 2.26 0.00	38.41 2.06 0.00	35.33 1.95 0.00	35.05 1.81 0.00	32.71 1.73 0.00	46.79 2.23 0.00	81.57 2.92 0.00	80.00 3.10 0.00	109.53 4.66 0.00	56.57 2.43 0.00	49.69 2.36 0.00	49.97 2.59 0.00	41.07 2.23 0.00	34.65 1.93 0.00
ROME____115KV_TB2 80656	65.53 1.72 0.00	56.23 1.49 0.00	37.63 0.99 0.00	46.99 1.31 0.00	46.08 1.37 0.00	49.06 1.38 0.00	55.03 1.55 0.00	62.31 1.88 0.00	57.81 1.70 0.00	43.76 1.25 0.00	58.53 1.55 0.00	43.93 0.53 0.00	36.81 0.45 0.00	33.68 0.29 0.00	33.45 0.21 0.00	31.23 0.26 0.00	45.41 0.85 0.00	81.12 2.47 0.00	79.61 2.72 0.00	108.45 3.58 0.00	55.88 1.74 0.00	48.75 1.42 0.00	48.72 1.34 0.00	39.73 0.89 0.00	33.37 0.65 0.00
ROSETON___1 23587	65.74 1.94 0.00	56.32 1.58 0.00	37.75 1.12 0.00	47.15 1.48 0.00	46.19 1.47 0.00	49.19 1.52 0.00	55.15 1.68 0.00	62.25 1.82 0.00	57.82 1.71 0.00	43.98 1.47 0.00	58.69 1.71 0.00	45.19 1.79 0.00	37.98 1.63 0.00	34.93 1.55 0.00	34.66 1.42 0.00	32.34 1.36 0.00	46.27 1.72 0.00	80.62 1.97 0.00	78.99 2.10 0.00	108.16 3.29 0.00	55.88 1.74 0.00	49.17 1.84 0.00	49.45 2.07 0.00	40.64 1.80 0.00	34.29 1.57 0.00
ROSETON___2 23588	65.74 1.94 0.00	56.32 1.58 0.00	37.75 1.12 0.00	47.15 1.48 0.00	46.19 1.47 0.00	49.19 1.52 0.00	55.15 1.68 0.00	62.25 1.82 0.00	57.82 1.71 0.00	43.98 1.47 0.00	58.69 1.71 0.00	45.19 1.79 0.00	37.98 1.63 0.00	34.93 1.55 0.00	34.66 1.42 0.00	32.34 1.36 0.00	46.27 1.72 0.00	80.62 1.97 0.00	78.99 2.10 0.00	108.16 3.29 0.00	55.88 1.74 0.00	49.17 1.84 0.00	49.45 2.07 0.00	40.64 1.80 0.00	34.29 1.57 0.00
ROTRDAM_115KV_TB3 80664	64.70 0.90 0.00	55.49 0.75 0.00	37.14 0.51 0.00	46.26 0.58 0.00	45.26 0.55 0.00	48.33 0.66 0.00	54.41 0.93 0.00	61.54 1.11 0.00	57.08 0.98 0.00	43.09 0.58 0.00	57.68 0.70 0.00	44.08 0.68 0.00	36.80 0.45 0.00	33.85 0.46 0.00	33.70 0.47 0.00	31.53 0.55 0.00	45.37 0.81 0.00	79.95 1.29 0.00	78.21 1.32 0.00	106.98 2.11 0.00	55.28 1.14 0.00	48.52 1.19 0.00	48.50 1.12 0.00	39.73 0.88 0.00	33.56 0.84 0.00
RUSSELL___1 23602	63.31 -0.49 0.00	54.60 -0.14 0.00	36.28 -0.36 0.00	45.37 -0.31 0.00	44.46 -0.26 0.00	47.29 -0.38 0.00	52.89 -0.59 0.00	59.45 -0.98 0.00	54.83 -1.28 0.00	41.60 -0.91 0.00	56.55 -0.43 0.00	42.76 -0.64 0.00	35.94 -0.42 0.00	32.74 -0.64 0.00	32.68 -0.55 0.00	30.12 -0.86 0.00	43.60 -0.96 0.00	77.47 -1.19 0.00	75.03 -1.86 0.00	101.79 -3.08 0.00	52.42 -1.73 0.00	45.71 -1.62 0.00	45.76 -1.63 0.00	37.71 -1.13 0.00	31.57 -1.15 0.00
RUSSELL___2 23532	63.31 -0.49 0.00	54.60 -0.14 0.00	36.28 -0.36 0.00	45.37 -0.31 0.00	44.46 -0.26 0.00	47.29 -0.38 0.00	52.89 -0.59 0.00	59.45 -0.98 0.00	54.83 -1.28 0.00	41.60 -0.91 0.00	56.55 -0.43 0.00	42.76 -0.64 0.00	35.94 -0.42 0.00	32.74 -0.64 0.00	32.68 -0.55 0.00	30.12 -0.86 0.00	43.60 -0.96 0.00	77.47 -1.19 0.00	75.03 -1.86 0.00	101.79 -3.08 0.00	52.42 -1.73 0.00	45.71 -1.62 0.00	45.76 -1.63 0.00	37.71 -1.13 0.00	31.57 -1.15 0.00
RUSSELL___3 23549	63.31 -0.49 0.00	54.60 -0.14 0.00	36.28 -0.36 0.00	45.37 -0.31 0.00	44.46 -0.26 0.00	47.29 -0.38 0.00	52.89 -0.59 0.00	59.45 -0.98 0.00	54.83 -1.28 0.00	41.60 -0.91 0.00	56.55 -0.43 0.00	42.76 -0.64 0.00	35.94 -0.42 0.00	32.74 -0.64 0.00	32.68 -0.55 0.00	30.12 -0.86 0.00	43.60 -0.96 0.00	77.47 -1.19 0.00	75.03 -1.86 0.00	101.79 -3.08 0.00	52.42 -1.73 0.00	45.71 -1.62 0.00	45.76 -1.63 0.00	37.71 -1.13 0.00	31.57 -1.15 0.00
RUSSELL___4 23556	63.31 -0.49 0.00	54.60 -0.14 0.00	36.28 -0.36 0.00	45.37 -0.31 0.00	44.46 -0.26 0.00	47.29 -0.38 0.00	52.89 -0.59 0.00	59.45 -0.98 0.00	54.83 -1.28 0.00	41.60 -0.91 0.00	56.55 -0.43 0.00	42.76 -0.64 0.00	35.94 -0.42 0.00	32.74 -0.64 0.00	32.68 -0.55 0.00	30.12 -0.86 0.00	43.60 -0.96 0.00	77.47 -1.19 0.00	75.03 -1.86 0.00	101.79 -3.08 0.00	52.42 -1.73 0.00	45.71 -1.62 0.00	45.76 -1.63 0.00	37.71 -1.13 0.00	31.57 -1.15 0.00
RUSSELL___STATION 23914	63.31 -0.49 0.00	54.60 -0.14 0.00	36.28 -0.36 0.00	45.37 -0.31 0.00	44.46 -0.26 0.00	47.29 -0.38 0.00	52.89 -0.59 0.00	59.45 -0.98 0.00	54.83 -1.28 0.00	41.60 -0.91 0.00	56.55 -0.43 0.00	42.76 -0.64 0.00	35.94 -0.42 0.00	32.74 -0.64 0.00	32.68 -0.55 0.00	30.12 -0.86 0.00	43.60 -0.96 0.00	77.47 -1.19 0.00	75.03 -1.86 0.00	101.79 -3.08 0.00	52.42 -1.73 0.00	45.71 -1.62 0.00	45.76 -1.63 0.00	37.71 -1.13 0.00	31.57 -1.15 0.00
S SALMON___HYD 24043	63.11 -0.70 0.00	54.15 -0.59 0.00	36.24 -0.40 0.00	45.20 -0.48 0.00	44.29 -0.42 0.00	47.18 -0.49 0.00	52.74 -0.74 0.00	59.38 -1.05 0.00	55.18 -0.93 0.00	41.87 -0.64 0.00	55.91 -1.07 0.00	42.18 -1.22 0.00	35.29 -1.07 0.00	32.30 -1.09 0.00	32.09 -1.15 0.00	29.97 -1.01 0.00	43.44 -1.12 0.00	77.85 -0.81 0.00	76.21 -0.68 0.00	103.82 -1.05 0.00	53.44 -0.70 0.00	46.63 -0.71 0.00	46.75 -0.63 0.00	38.08 -0.77 0.00	31.93 -0.79 0.00
S.PERRY___115KV_TB1 80734	65.21 1.41 0.00	56.22 1.49 0.00	37.32 0.68 0.00	46.63 0.95 0.00	45.81 1.09 0.00	48.63 0.96 0.00	54.49 1.01 0.00	61.22 0.79 0.00	56.48 0.37 0.00	42.61 0.10 0.00	57.46 0.48 0.00	43.31 -0.10 0.00	36.30 -0.05 0.00	32.88 -0.51 0.00	32.79 -0.44 0.00	30.13 -0.85 0.00	43.74 -0.82 0.00	78.83 0.17 0.00	76.93 0.05 0.00	104.55 -0.32 0.00	53.78 -0.36 0.00	46.51 -0.82 0.00	46.32 -1.06 0.00	38.11 -0.74 0.00	31.77 -0.95 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	62.44 -1.36 0.00	54.08 -0.66 0.00	35.82 -0.82 0.00	44.88 -0.80 0.00	44.01 -0.71 0.00	46.70 -0.98 0.00	52.07 -1.41 0.00	58.18 -2.25 0.00	53.43 -2.67 0.00	40.74 -1.77 0.00	55.98 -1.00 0.00	42.18 -1.22 0.00	35.46 -0.89 0.00	32.08 -1.30 0.00	32.08 -1.15 0.00	29.35 -1.63 0.00	42.38 -2.17 0.00	75.10 -3.55 0.00	72.07 -4.82 0.00	97.48 -7.39 0.00	50.20 -3.94 0.00	43.63 -3.70 0.00	43.77 -3.61 0.00	36.36 -2.48 0.00	30.38 -2.34 0.00

SAWYER___23_KV_LOAD 55526	62.44 -1.36 0.00	54.08 -0.66 0.00	35.82 -0.82 0.00	44.88 -0.80 0.00	44.01 -0.71 0.00	46.70 -0.98 0.00	52.07 -1.41 0.00	58.18 -2.25 0.00	53.43 -2.67 0.00	40.74 -1.77 0.00	55.98 -1.00 0.00	42.18 -1.22 0.00	35.46 -0.89 0.00	32.08 -1.30 0.00	32.08 -1.15 0.00	29.35 -1.63 0.00	42.38 -2.17 0.00	75.10 -3.55 0.00	72.07 -4.82 0.00	97.48 -7.39 0.00	50.20 -3.94 0.00	43.63 -3.70 0.00	43.77 -3.61 0.00	36.36 -2.48 0.00	30.38 -2.34 0.00
SELKIRK___I 23801	64.63 0.82 0.00	55.44 0.70 0.00	37.12 0.48 0.00	46.21 0.53 0.00	45.20 0.48 0.00	48.24 0.57 0.00	54.36 0.88 0.00	61.52 1.09 0.00	57.05 0.95 0.00	43.06 0.55 0.00	57.47 0.49 0.00	43.99 0.59 0.00	36.82 0.46 0.00	33.83 0.44 0.00	33.72 0.48 0.00	31.58 0.61 0.00	45.43 0.87 0.00	79.84 1.19 0.00	78.03 1.14 0.00	106.71 1.85 0.00	55.19 1.05 0.00	48.49 1.16 0.00	48.50 1.12 0.00	39.75 0.91 0.00	33.61 0.89 0.00
SELKIRK___II 23799	64.36 0.55 0.00	55.19 0.45 0.00	36.96 0.33 0.00	46.01 0.34 0.00	45.01 0.29 0.00	48.05 0.38 0.00	54.13 0.65 0.00	61.27 0.83 0.00	56.88 0.77 0.00	43.01 0.50 0.00	57.42 0.44 0.00	43.92 0.52 0.00	36.77 0.41 0.00	33.85 0.47 0.00	33.75 0.51 0.00	31.61 0.64 0.00	45.32 0.77 0.00	79.51 0.85 0.00	77.73 0.83 0.00	106.36 1.48 0.00	54.99 0.85 0.00	48.32 0.98 0.00	48.35 0.97 0.00	39.63 0.79 0.00	33.51 0.79 0.00
SENECA OSWGO___HYD 24041	62.07 -1.74 0.00	53.27 -1.47 0.00	35.61 -1.03 0.00	44.41 -1.26 0.00	43.50 -1.22 0.00	46.37 -1.30 0.00	52.05 -1.43 0.00	58.75 -1.68 0.00	54.35 -1.76 0.00	41.24 -1.27 0.00	55.14 -1.84 0.00	42.00 -1.41 0.00	35.23 -1.13 0.00	32.38 -1.01 0.00	32.13 -1.10 0.00	30.00 -0.98 0.00	43.28 -1.27 0.00	76.56 -2.09 0.00	74.79 -2.10 0.00	101.99 -2.88 0.00	52.65 -1.49 0.00	46.03 -1.31 0.00	46.03 -1.35 0.00	37.72 -1.13 0.00	31.73 -0.99 0.00
SENECA___115KV_TB3 355854	62.99 -0.82 0.00	54.51 -0.23 0.00	36.14 -0.50 0.00	45.26 -0.41 0.00	44.40 -0.32 0.00	47.08 -0.59 0.00	52.56 -0.92 0.00	58.79 -1.64 0.00	53.97 -2.14 0.00	41.16 -1.35 0.00	56.46 -0.52 0.00	42.58 -0.82 0.00	35.78 -0.57 0.00	32.35 -1.04 0.00	32.32 -0.92 0.00	29.59 -1.38 0.00	42.75 -1.80 0.00	75.88 -2.78 0.00	72.88 -4.01 0.00	98.68 -6.19 0.00	50.82 -3.32 0.00	44.09 -3.24 0.00	44.14 -3.23 0.00	36.64 -2.20 0.00	30.61 -2.11 0.00
SENECA___ENERGY 23797	62.94 -0.86 0.00	54.07 -0.67 0.00	36.10 -0.54 0.00	45.08 -0.60 0.00	44.17 -0.55 0.00	47.06 -0.61 0.00	52.73 -0.75 0.00	59.52 -0.91 0.00	54.97 -1.14 0.00	41.52 -1.00 0.00	55.70 -1.28 0.00	42.31 -1.10 0.00	35.56 -0.80 0.00	32.58 -0.81 0.00	32.43 -0.81 0.00	30.15 -0.82 0.00	43.56 -0.99 0.00	77.38 -1.27 0.00	75.55 -1.34 0.00	102.74 -2.13 0.00	52.99 -1.15 0.00	46.27 -1.06 0.00	46.26 -1.12 0.00	38.00 -0.84 0.00	31.92 -0.81 0.00
SHOEMAKER___GT 23640	65.93 2.12 0.00	56.49 1.75 0.00	37.84 1.20 0.00	47.24 1.57 0.00	46.28 1.56 0.00	49.28 1.61 0.00	55.29 1.81 0.00	62.45 2.01 0.00	57.95 1.84 0.00	43.96 1.45 0.00	58.64 1.66 0.00	45.03 1.62 0.00	37.82 1.46 0.00	34.79 1.41 0.00	34.56 1.32 0.00	32.23 1.26 0.00	46.30 1.75 0.00	81.29 2.64 0.00	79.71 2.82 0.00	109.08 4.21 0.00	56.31 2.17 0.00	49.30 1.97 0.00	49.51 2.14 0.00	40.68 1.84 0.00	34.29 1.57 0.00
SHOEMAKR_138KV_BK 111 55601	65.88 2.08 0.00	56.45 1.71 0.00	37.82 1.18 0.00	47.21 1.54 0.00	46.25 1.53 0.00	49.26 1.59 0.00	55.26 1.78 0.00	62.40 1.97 0.00	57.91 1.81 0.00	43.96 1.45 0.00	58.65 1.67 0.00	45.05 1.65 0.00	37.84 1.48 0.00	34.80 1.42 0.00	34.58 1.35 0.00	32.26 1.28 0.00	46.31 1.76 0.00	81.25 2.59 0.00	79.65 2.76 0.00	109.02 4.15 0.00	56.27 2.13 0.00	49.26 1.93 0.00	49.49 2.11 0.00	40.66 1.82 0.00	34.27 1.56 0.00
SHOREHAM_IC_1 23715	33.45 -0.45 29.90	29.74 -0.32 24.68	31.44 0.00 5.19	46.02 0.34 0.00	44.08 0.36 1.00	47.93 0.26 0.00	53.63 0.15 0.00	60.28 -0.15 0.00	55.93 0.03 0.20	40.10 0.10 2.52	-8.27 0.40 65.64	-115.77 1.09 160.26	30.52 1.44 7.28	34.71 1.34 0.02	32.35 0.78 1.66	31.96 0.99 0.00	44.27 0.96 1.24	68.41 0.43 10.67	74.47 0.99 3.41	106.14 2.13 0.86	52.73 1.09 2.51	48.49 1.15 0.00	48.74 1.37 0.00	36.05 1.00 3.79	33.77 1.06 0.00
SHOREHAM_IC_2 23716	33.45 -0.45 29.90	29.73 -0.33 24.68	31.45 0.00 5.19	46.02 0.34 0.00	44.07 0.36 1.00	47.93 0.25 0.00	53.63 0.14 0.00	60.28 -0.15 0.00	55.94 0.04 0.20	40.10 0.10 2.52	-8.27 0.40 65.64	-115.78 1.08 160.26	30.51 1.44 7.28	34.71 1.34 0.02	32.36 0.78 1.66	31.96 0.99 0.00	44.27 0.96 1.24	68.41 0.43 10.67	74.47 0.99 3.41	106.15 2.13 0.86	52.73 1.10 2.51	48.49 1.15 0.00	48.75 1.37 0.00	36.05 1.00 3.79	33.76 1.05 0.00
SISSONVILLE____ 23735	66.66 2.86 0.00	57.13 2.39 0.00	38.27 1.63 0.00	47.71 2.04 0.00	46.75 2.03 0.00	49.78 2.11 0.00	55.59 2.11 0.00	62.77 2.33 0.00	58.52 2.42 0.00	44.36 1.85 0.00	59.59 2.61 0.00	44.96 1.56 0.00	37.60 1.24 0.00	34.32 0.94 0.00	34.10 0.87 0.00	31.65 0.68 0.00	45.64 1.09 0.00	81.75 3.10 0.00	80.66 3.77 0.00	109.56 4.69 0.00	56.34 2.19 0.00	48.67 1.33 0.00	48.90 1.52 0.00	39.99 1.15 0.00	33.57 0.85 0.00
SITHE_IND_GS1 24169	61.37 -2.44 0.00	52.67 -2.07 0.00	35.24 -1.40 0.00	43.95 -1.72 0.00	43.06 -1.66 0.00	45.89 -1.79 0.00	51.47 -2.01 0.00	58.09 -2.34 0.00	53.84 -2.27 0.00	40.80 -1.71 0.00	54.67 -2.31 0.00	41.62 -1.78 0.00	34.91 -1.45 0.00	32.08 -1.30 0.00	31.93 -1.31 0.00	29.75 -1.23 0.00	42.79 -1.76 0.00	75.62 -3.03 0.00	73.84 -3.05 0.00	100.67 -4.20 0.00	51.99 -2.15 0.00	45.46 -1.88 0.00	45.49 -1.88 0.00	37.31 -1.53 0.00	31.40 -1.32 0.00
SITHE_IND_GS2 24170	61.37 -2.44 0.00	52.67 -2.07 0.00	35.24 -1.40 0.00	43.95 -1.72 0.00	43.06 -1.66 0.00	45.89 -1.79 0.00	51.47 -2.01 0.00	58.09 -2.34 0.00	53.84 -2.27 0.00	40.80 -1.71 0.00	54.67 -2.31 0.00	41.62 -1.78 0.00	34.91 -1.45 0.00	32.08 -1.30 0.00	31.93 -1.31 0.00	29.75 -1.23 0.00	42.79 -1.76 0.00	75.62 -3.03 0.00	73.84 -3.05 0.00	100.67 -4.20 0.00	51.99 -2.15 0.00	45.46 -1.88 0.00	45.49 -1.88 0.00	37.31 -1.53 0.00	31.40 -1.32 0.00
SITHE_IND_GS3 24171	61.37 -2.44 0.00	52.67 -2.07 0.00	35.24 -1.40 0.00	43.95 -1.72 0.00	43.06 -1.66 0.00	45.89 -1.79 0.00	51.47 -2.01 0.00	58.09 -2.34 0.00	53.84 -2.27 0.00	40.80 -1.71 0.00	54.67 -2.31 0.00	41.62 -1.78 0.00	34.91 -1.45 0.00	32.08 -1.30 0.00	31.93 -1.31 0.00	29.75 -1.23 0.00	42.79 -1.76 0.00	75.62 -3.03 0.00	73.84 -3.05 0.00	100.67 -4.20 0.00	51.99 -2.15 0.00	45.46 -1.88 0.00	45.49 -1.88 0.00	37.31 -1.53 0.00	31.40 -1.32 0.00
SITHE_IND_GS4 24172	61.37 -2.44 0.00	52.67 -2.07 0.00	35.24 -1.40 0.00	43.95 -1.72 0.00	43.06 -1.66 0.00	45.89 -1.79 0.00	51.47 -2.01 0.00	58.09 -2.34 0.00	53.84 -2.27 0.00	40.80 -1.71 0.00	54.67 -2.31 0.00	41.62 -1.78 0.00	34.91 -1.45 0.00	32.08 -1.30 0.00	31.93 -1.31 0.00	29.75 -1.23 0.00	42.79 -1.76 0.00	75.62 -3.03 0.00	73.84 -3.05 0.00	100.67 -4.20 0.00	51.99 -2.15 0.00	45.46 -1.88 0.00	45.49 -1.88 0.00	37.31 -1.53 0.00	31.40 -1.32 0.00

SITHE___BATAVIA 24024	63.79 -0.01 0.00	55.15 0.41 0.00	36.57 -0.07 0.00	45.78 0.10 0.00	44.90 0.18 0.00	47.72 0.04 0.00	53.30 -0.18 0.00	59.64 -0.79 0.00	54.88 -1.23 0.00	41.53 -0.98 0.00	56.58 -0.40 0.00	42.79 -0.61 0.00	35.91 -0.44 0.00	32.51 -0.88 0.00	32.36 -0.88 0.00	29.62 -1.36 0.00	43.01 -1.55 0.00	77.07 -1.58 0.00	74.52 -2.37 0.00	100.93 -3.94 0.00	51.98 -2.17 0.00	45.24 -2.09 0.00	45.31 -2.07 0.00	37.53 -1.31 0.00	31.36 -1.36 0.00
SITHE___INDEPEND 23800	61.37 -2.44 0.00	52.67 -2.07 0.00	35.24 -1.40 0.00	43.95 -1.72 0.00	43.06 -1.66 0.00	45.88 -1.79 0.00	51.47 -2.01 0.00	58.09 -2.34 0.00	53.84 -2.27 0.00	40.80 -1.71 0.00	54.67 -2.31 0.00	41.62 -1.78 0.00	34.92 -1.44 0.00	32.08 -1.30 0.00	31.93 -1.31 0.00	29.75 -1.23 0.00	42.79 -1.76 0.00	75.62 -3.03 0.00	73.84 -3.05 0.00	100.67 -4.20 0.00	51.99 -2.16 0.00	45.46 -1.88 0.00	45.50 -1.88 0.00	37.31 -1.53 0.00	31.40 -1.32 0.00
SITHE___MASSENA 23902	66.03 2.23 0.00	56.62 1.88 0.00	37.91 1.28 0.00	47.27 1.60 0.00	46.31 1.59 0.00	49.34 1.66 0.00	55.18 1.70 0.00	62.29 1.86 0.00	58.02 1.91 0.00	44.01 1.50 0.00	59.19 2.21 0.00	44.86 1.45 0.00	37.56 1.20 0.00	34.34 0.96 0.00	34.18 0.94 0.00	31.73 0.75 0.00	45.68 1.12 0.00	81.20 2.55 0.00	79.70 2.81 0.00	108.31 3.44 0.00	55.76 1.62 0.00	48.13 0.80 0.00	48.49 1.11 0.00	39.75 0.91 0.00	33.42 0.70 0.00
SITHE___OGDNSBRG 24021	67.43 3.63 0.00	57.77 3.04 0.00	38.68 2.04 0.00	48.23 2.56 0.00	47.26 2.54 0.00	50.36 2.69 0.00	56.29 2.81 0.00	63.58 3.15 0.00	59.27 3.16 0.00	44.89 2.38 0.00	60.21 3.23 0.00	45.29 1.89 0.00	37.92 1.57 0.00	34.60 1.21 0.00	34.33 1.10 0.00	31.84 0.87 0.00	45.89 1.34 0.00	82.58 3.93 0.00	81.70 4.80 0.00	110.96 6.09 0.00	57.09 2.95 0.00	49.21 1.88 0.00	49.50 2.12 0.00	40.52 1.68 0.00	34.00 1.29 0.00
SITHE___STERLING 23777	64.92 1.12 0.00	55.74 0.99 0.00	37.33 0.69 0.00	46.60 0.93 0.00	45.69 0.97 0.00	48.69 1.01 0.00	54.69 1.21 0.00	61.89 1.46 0.00	57.37 1.26 0.00	43.40 0.88 0.00	58.08 1.10 0.00	43.70 0.30 0.00	36.61 0.26 0.00	33.56 0.18 0.00	33.36 0.12 0.00	31.12 0.15 0.00	45.13 0.57 0.00	80.35 1.70 0.00	78.73 1.84 0.00	107.34 2.47 0.00	55.36 1.22 0.00	48.31 0.98 0.00	48.27 0.89 0.00	39.45 0.61 0.00	33.15 0.44 0.00
SLEIGHT__34_KV_TB1 80719	62.64 -1.17 0.00	53.91 -0.84 0.00	35.93 -0.71 0.00	44.90 -0.77 0.00	43.94 -0.78 0.00	46.86 -0.81 0.00	52.45 -1.04 0.00	59.14 -1.29 0.00	54.55 -1.55 0.00	41.27 -1.25 0.00	55.67 -1.31 0.00	42.19 -1.21 0.00	35.47 -0.89 0.00	32.41 -0.98 0.00	32.30 -0.93 0.00	29.91 -1.06 0.00	43.33 -1.22 0.00	77.01 -1.64 0.00	74.91 -1.98 0.00	101.75 -3.13 0.00	52.45 -1.69 0.00	45.76 -1.58 0.00	45.77 -1.61 0.00	37.63 -1.21 0.00	31.56 -1.16 0.00
SMITHTWN_69_KV_BK 1 55830	33.98 0.82 30.65	47.81 0.74 7.66	39.56 0.66 -2.26	46.80 1.12 0.00	45.31 1.17 0.57	48.79 1.12 0.00	54.58 1.10 0.00	61.30 0.88 0.00	56.86 0.95 0.20	43.57 0.87 -0.19	87.98 1.28 -29.72	117.69 1.75 -72.54	41.42 1.77 -3.29	35.02 1.63 -0.01	35.16 1.17 -0.75	32.31 1.33 0.00	46.65 1.53 -0.56	85.07 1.58 -4.83	80.50 2.06 -1.54	108.82 3.56 -0.39	57.10 1.82 -1.13	49.10 1.77 0.00	49.34 1.96 0.00	36.57 1.48 3.75	34.17 1.45 0.00
SOUTH CAIRO___GT 23612	66.17 2.36 0.00	56.70 1.96 0.00	37.94 1.29 0.00	47.17 1.50 0.00	46.14 1.42 0.00	49.32 1.65 0.00	55.71 2.23 0.00	63.23 2.80 0.00	58.74 2.63 0.00	43.94 1.43 0.00	58.41 1.43 0.00	44.60 1.20 0.00	37.39 1.04 0.00	34.07 0.68 0.00	33.95 0.72 0.00	31.96 0.98 0.00	46.17 1.62 0.00	82.13 3.47 0.00	80.80 3.91 0.00	110.56 5.69 0.00	57.06 2.92 0.00	50.03 2.70 0.00	49.86 2.49 0.00	40.76 1.92 0.00	34.41 1.69 0.00
SOUTH HAMPTN___IC 23720	33.39 -0.49 29.93	5.90 -0.23 48.61	22.64 0.21 14.21	46.33 0.66 0.00	43.82 0.83 1.73	48.41 0.74 0.00	54.14 0.66 0.00	60.80 0.38 0.00	56.55 0.64 0.20	37.29 0.56 5.79	-122.43 1.32 180.73	-396.03 1.79 441.22	18.08 1.77 20.04	34.99 1.66 0.05	29.84 1.17 4.57	32.35 1.37 0.00	42.67 1.53 3.42	50.84 1.57 29.39	69.73 2.23 9.39	106.40 3.89 2.37	49.28 2.04 6.90	49.39 2.05 0.00	49.61 2.24 0.00	36.74 1.69 3.80	34.33 1.62 0.01
SOUTHDOW_115KV_TB1 355954	64.92 1.12 0.00	56.14 1.41 0.00	37.27 0.63 0.00	46.62 0.95 0.00	45.78 1.06 0.00	48.49 0.82 0.00	54.30 0.82 0.00	61.01 0.58 0.00	55.87 -0.23 0.00	42.73 0.22 0.00	58.26 1.28 0.00	43.95 0.55 0.00	36.81 0.45 0.00	33.36 -0.02 0.00	33.23 -0.01 0.00	30.49 -0.48 0.00	44.05 -0.50 0.00	78.49 -0.16 0.00	75.67 -1.22 0.00	102.57 -2.30 0.00	52.54 -1.60 0.00	45.19 -2.15 0.00	45.08 -2.29 0.00	37.33 -1.51 0.00	31.15 -1.57 0.00
SOUTHOLD_69_KV_BK 2 55809	32.69 -1.20 29.92	4.63 -0.68 49.43	22.20 0.08 14.52	46.26 0.59 0.00	43.88 0.91 1.75	48.50 0.83 0.00	54.20 0.72 0.00	60.83 0.40 0.00	56.72 0.82 0.20	37.33 0.72 5.90	-125.82 1.91 184.71	-405.28 2.25 450.93	17.77 1.90 20.48	35.16 1.83 0.05	29.97 1.40 4.67	32.57 1.59 0.00	42.88 1.82 3.49	50.80 2.18 30.03	70.25 2.96 9.60	107.42 4.97 2.42	49.74 2.65 7.05	50.03 2.69 0.00	50.23 2.85 0.00	37.21 2.17 3.80	34.69 1.98 0.01
SOUTHOLD___IC 23719	32.69 -1.20 29.92	4.62 -0.68 49.43	22.20 0.08 14.52	46.26 0.59 0.00	43.88 0.91 1.75	48.50 0.83 0.00	54.20 0.72 0.00	60.81 0.39 0.00	56.71 0.80 0.20	37.33 0.72 5.90	-125.82 1.90 184.71	-405.28 2.25 450.93	17.78 1.91 20.48	35.17 1.84 0.05	29.96 1.40 4.67	32.57 1.59 0.00	42.89 1.82 3.49	50.80 2.18 30.03	70.25 2.96 9.60	107.42 4.97 2.42	49.73 2.64 7.05	50.02 2.69 0.00	50.23 2.85 0.00	37.21 2.17 3.80	34.70 1.99 0.01
SOUTH_FORK_WT_PWR 323839	31.59 -2.29 29.92	4.26 -1.49 48.99	21.99 -0.30 14.35	45.87 0.20 0.00	43.64 0.66 1.74	48.22 0.55 0.00	53.82 0.34 0.00	60.37 -0.05 0.00	56.41 0.51 0.20	37.19 0.51 5.84	-123.63 1.95 182.57	-399.97 2.33 445.71	17.90 1.79 20.25	35.09 1.76 0.05	29.97 1.36 4.62	32.52 1.54 0.00	42.80 1.70 3.45	50.90 1.94 29.69	70.24 2.84 9.49	107.40 4.92 2.39	49.84 2.67 6.97	50.16 2.82 0.00	50.36 2.99 0.00	37.32 2.28 3.80	34.79 2.07 0.01
SPIERFLS_115KV_TB 1 80737	65.02 1.21 0.00	55.68 0.95 0.00	37.34 0.70 0.00	46.37 0.70 0.00	45.36 0.64 0.00	48.65 0.97 0.00	55.05 1.57 0.00	62.14 1.71 0.00	57.61 1.50 0.00	43.15 0.64 0.00	57.80 0.82 0.00	44.34 0.93 0.00	36.73 0.38 0.00	33.79 0.40 0.00	33.57 0.33 0.00	31.56 0.58 0.00	45.47 0.92 0.00	80.60 1.94 0.00	78.98 2.09 0.00	108.36 3.49 0.00	56.02 1.88 0.00	49.25 1.92 0.00	48.94 1.56 0.00	40.01 1.17 0.00	33.97 1.26 0.00
ST LAWRENCE____ 23600	64.87 1.07 0.00	55.61 0.87 0.00	37.25 0.61 0.00	46.45 0.77 0.00	45.48 0.76 0.00	48.46 0.79 0.00	54.23 0.75 0.00	61.24 0.80 0.00	57.03 0.92 0.00	43.25 0.74 0.00	58.16 1.18 0.00	44.15 0.75 0.00	36.97 0.61 0.00	33.84 0.46 0.00	33.69 0.45 0.00	31.30 0.32 0.00	45.02 0.47 0.00	79.84 1.19 0.00	78.22 1.33 0.00	106.37 1.50 0.00	54.79 0.65 0.00	47.65 0.32 0.00	47.72 0.35 0.00	39.13 0.29 0.00	32.92 0.20 0.00

STATE_CA_115KV_115_LB 55624	64.57 0.76 0.00	55.36 0.62 0.00	37.07 0.43 0.00	46.11 0.44 0.00	45.09 0.38 0.00	48.17 0.50 0.00	54.34 0.86 0.00	61.57 1.14 0.00	57.15 1.04 0.00	43.21 0.70 0.00	57.66 0.68 0.00	44.13 0.73 0.00	36.90 0.55 0.00	33.97 0.59 0.00	33.91 0.67 0.00	31.84 0.86 0.00	45.65 1.10 0.00	80.05 1.40 0.00	78.24 1.35 0.00	107.09 2.22 0.00	55.37 1.23 0.00	48.65 1.32 0.00	48.64 1.27 0.00	39.85 1.02 0.00	33.73 1.01 0.00
STATE_ST_34_KV_LOAD 55959	63.49 -0.31 0.00	54.52 -0.22 0.00	36.51 -0.13 0.00	45.64 -0.03 0.00	44.70 -0.02 0.00	47.65 -0.02 0.00	53.29 -0.19 0.00	60.39 -0.04 0.00	55.63 -0.47 0.00	41.98 -0.53 0.00	56.18 -0.80 0.00	42.64 -0.77 0.00	35.92 -0.44 0.00	32.92 -0.47 0.00	32.75 -0.48 0.00	30.53 -0.45 0.00	44.15 -0.40 0.00	78.46 -0.19 0.00	76.63 -0.27 0.00	104.16 -0.71 0.00	53.85 -0.29 0.00	47.06 -0.27 0.00	47.05 -0.32 0.00	38.62 -0.22 0.00	32.46 -0.26 0.00
STATION_5_MISC_HYD 23604	63.07 -0.74 0.00	54.38 -0.36 0.00	36.16 -0.48 0.00	45.20 -0.47 0.00	44.31 -0.41 0.00	47.13 -0.54 0.00	52.70 -0.78 0.00	59.21 -1.22 0.00	54.61 -1.50 0.00	41.44 -1.07 0.00	56.32 -0.66 0.00	42.59 -0.81 0.00	35.78 -0.57 0.00	32.61 -0.78 0.00	32.55 -0.69 0.00	29.99 -0.99 0.00	43.39 -1.17 0.00	77.05 -1.60 0.00	74.61 -2.28 0.00	101.21 -3.65 0.00	52.14 -2.01 0.00	45.46 -1.87 0.00	45.52 -1.86 0.00	37.55 -1.30 0.00	31.43 -1.29 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	62.93 -0.87 0.00	54.17 -0.57 0.00	36.08 -0.56 0.00	45.09 -0.59 0.00	44.16 -0.55 0.00	47.04 -0.63 0.00	52.69 -0.79 0.00	59.36 -1.07 0.00	54.81 -1.29 0.00	41.49 -1.02 0.00	56.01 -0.97 0.00	42.41 -1.00 0.00	35.63 -0.73 0.00	32.58 -0.80 0.00	32.46 -0.78 0.00	30.05 -0.93 0.00	43.49 -1.06 0.00	77.29 -1.36 0.00	75.16 -1.73 0.00	102.11 -2.76 0.00	52.63 -1.51 0.00	45.93 -1.40 0.00	45.94 -1.43 0.00	37.78 -1.06 0.00	31.69 -1.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	62.64 -1.17 0.00	54.00 -0.74 0.00	35.91 -0.73 0.00	44.90 -0.78 0.00	44.01 -0.71 0.00	46.81 -0.86 0.00	52.37 -1.11 0.00	58.85 -1.58 0.00	54.30 -1.80 0.00	41.18 -1.33 0.00	55.93 -1.06 0.00	42.32 -1.09 0.00	35.56 -0.80 0.00	32.41 -0.97 0.00	32.35 -0.89 0.00	29.83 -1.15 0.00	43.14 -1.41 0.00	76.58 -2.07 0.00	74.21 -2.68 0.00	100.68 -4.19 0.00	51.86 -2.28 0.00	45.23 -2.10 0.00	45.29 -2.08 0.00	37.33 -1.51 0.00	31.27 -1.45 0.00
STA_56___34_KV_BUS2 355983	62.64 -1.17 0.00	54.00 -0.74 0.00	35.91 -0.73 0.00	44.90 -0.78 0.00	44.01 -0.71 0.00	46.81 -0.86 0.00	52.37 -1.11 0.00	58.85 -1.58 0.00	54.30 -1.80 0.00	41.18 -1.33 0.00	55.93 -1.06 0.00	42.32 -1.09 0.00	35.56 -0.80 0.00	32.41 -0.97 0.00	32.35 -0.89 0.00	29.83 -1.15 0.00	43.14 -1.41 0.00	76.58 -2.07 0.00	74.21 -2.68 0.00	100.68 -4.19 0.00	51.86 -2.28 0.00	45.23 -2.10 0.00	45.29 -2.08 0.00	37.33 -1.51 0.00	31.27 -1.45 0.00
STA_67___115KV_BK2 355882	62.95 -0.86 0.00	54.29 -0.45 0.00	36.09 -0.54 0.00	45.13 -0.55 0.00	44.23 -0.49 0.00	47.06 -0.61 0.00	52.62 -0.86 0.00	59.10 -1.33 0.00	54.50 -1.60 0.00	41.36 -1.16 0.00	56.22 -0.76 0.00	42.51 -0.90 0.00	35.72 -0.63 0.00	32.55 -0.84 0.00	32.48 -0.75 0.00	29.93 -1.04 0.00	43.28 -1.27 0.00	76.85 -1.80 0.00	74.44 -2.45 0.00	100.97 -3.90 0.00	51.99 -2.15 0.00	45.35 -1.99 0.00	45.42 -1.96 0.00	37.46 -1.38 0.00	31.37 -1.35 0.00
STA_7___115KV_9TRANS 80674	63.31 -0.49 0.00	54.60 -0.14 0.00	36.28 -0.36 0.00	45.37 -0.31 0.00	44.46 -0.26 0.00	47.29 -0.38 0.00	52.89 -0.59 0.00	59.45 -0.98 0.00	54.83 -1.28 0.00	41.60 -0.91 0.00	56.55 -0.43 0.00	42.76 -0.64 0.00	35.94 -0.42 0.00	32.74 -0.64 0.00	32.68 -0.55 0.00	30.12 -0.86 0.00	43.60 -0.96 0.00	77.47 -1.19 0.00	75.03 -1.86 0.00	101.79 -3.08 0.00	52.42 -1.73 0.00	45.71 -1.62 0.00	45.76 -1.63 0.00	37.71 -1.13 0.00	31.57 -1.15 0.00
STA_82___115KV_TB1 80780	62.98 -0.83 0.00	54.33 -0.41 0.00	36.12 -0.52 0.00	45.15 -0.53 0.00	44.26 -0.46 0.00	47.08 -0.59 0.00	52.63 -0.85 0.00	59.12 -1.31 0.00	54.55 -1.56 0.00	41.36 -1.15 0.00	56.23 -0.75 0.00	42.52 -0.88 0.00	35.73 -0.63 0.00	32.55 -0.83 0.00	32.48 -0.75 0.00	29.93 -1.04 0.00	43.30 -1.26 0.00	76.89 -1.76 0.00	74.47 -2.43 0.00	101.01 -3.86 0.00	52.03 -2.12 0.00	45.37 -1.96 0.00	45.43 -1.95 0.00	37.47 -1.37 0.00	31.38 -1.34 0.00
STEEL___WIND 323596	62.94 -0.87 0.00	54.46 -0.28 0.00	36.10 -0.54 0.00	45.22 -0.46 0.00	44.36 -0.36 0.00	47.03 -0.64 0.00	52.51 -0.97 0.00	58.77 -1.67 0.00	53.93 -2.18 0.00	41.12 -1.39 0.00	56.41 -0.58 0.00	42.54 -0.86 0.00	35.76 -0.60 0.00	32.31 -1.07 0.00	32.27 -0.97 0.00	29.56 -1.42 0.00	42.71 -1.84 0.00	75.80 -2.85 0.00	72.81 -4.08 0.00	98.62 -6.25 0.00	50.76 -3.38 0.00	44.04 -3.29 0.00	44.08 -3.30 0.00	36.60 -2.25 0.00	30.55 -2.17 0.00
STEPHTWN_115KV_BK_2 55603	64.99 1.19 0.00	55.69 0.96 0.00	37.20 0.56 0.00	46.31 0.64 0.00	45.38 0.66 0.00	48.47 0.80 0.00	54.74 1.26 0.00	62.03 1.60 0.00	57.46 1.35 0.00	43.42 0.90 0.00	57.92 0.94 0.00	44.24 0.84 0.00	37.03 0.67 0.00	34.04 0.65 0.00	33.99 0.76 0.00	31.91 0.94 0.00	45.86 1.31 0.00	80.41 1.75 0.00	78.64 1.74 0.00	107.58 2.71 0.00	55.57 1.43 0.00	48.87 1.53 0.00	48.74 1.36 0.00	40.03 1.18 0.00	33.86 1.14 0.00
STEUBEN_REC_LFGE 323667	64.36 0.56 0.00	55.56 0.82 0.00	36.94 0.30 0.00	46.07 0.40 0.00	45.44 0.73 0.00	47.99 0.32 0.00	53.87 0.39 0.00	60.54 0.10 0.00	55.52 -0.58 0.00	42.12 -0.39 0.00	56.85 -0.12 0.00	43.07 -0.33 0.00	35.94 -0.41 0.00	32.57 -0.82 0.00	32.48 -0.76 0.00	29.72 -1.25 0.00	43.32 -1.23 0.00	77.68 -0.97 0.00	75.41 -1.48 0.00	101.90 -2.97 0.00	52.31 -1.83 0.00	44.87 -2.47 0.00	44.48 -2.90 0.00	36.66 -2.18 0.00	30.66 -2.06 0.00
STILLWATER___SOLAR 323814	65.27 1.47 0.00	55.96 1.22 0.00	37.48 0.84 0.00	46.57 0.90 0.00	45.55 0.83 0.00	48.75 1.08 0.00	55.09 1.61 0.00	62.38 1.95 0.00	57.81 1.71 0.00	43.47 0.95 0.00	58.18 1.20 0.00	44.49 1.09 0.00	36.98 0.62 0.00	34.03 0.64 0.00	33.87 0.64 0.00	31.83 0.86 0.00	45.88 1.32 0.00	80.97 2.32 0.00	79.20 2.31 0.00	108.53 3.66 0.00	56.10 1.96 0.00	49.29 1.96 0.00	49.12 1.74 0.00	40.19 1.35 0.00	34.04 1.32 0.00
STONY___BROOK 24151	34.34 0.67 30.13	48.42 0.61 6.93	39.09 0.58 -1.87	46.69 1.01 0.00	45.29 1.06 0.50	48.67 1.00 0.00	54.47 0.99 0.00	61.18 0.75 0.00	56.74 0.83 0.20	43.34 0.78 -0.05	82.77 1.18 -24.60	105.15 1.68 -60.06	40.81 1.73 -2.73	34.97 1.58 -0.01	34.98 1.12 -0.62	32.27 1.29 0.00	46.48 1.46 -0.46	84.12 1.47 -4.00	80.11 1.94 -1.28	108.57 3.38 -0.32	56.82 1.74 -0.94	49.02 1.69 0.00	49.27 1.89 0.00	36.51 1.43 3.77	34.14 1.42 0.00
STURGEON_POOL_HYD 23609	65.76 1.95 0.00	56.32 1.58 0.00	37.74 1.10 0.00	47.10 1.43 0.00	46.14 1.42 0.00	49.16 1.49 0.00	55.17 1.69 0.00	62.33 1.90 0.00	57.90 1.80 0.00	43.98 1.47 0.00	58.65 1.67 0.00	45.00 1.60 0.00	37.76 1.41 0.00	34.77 1.39 0.00	34.57 1.33 0.00	32.27 1.29 0.00	46.28 1.72 0.00	81.04 2.39 0.00	79.39 2.49 0.00	108.64 3.77 0.00	56.15 2.01 0.00	49.27 1.93 0.00	49.45 2.08 0.00	40.58 1.74 0.00	34.22 1.50 0.00

ST_LAW_115_BK7_LBMP 345037	65.00 1.20 0.00	55.73 0.99 0.00	37.33 0.69 0.00	46.54 0.86 0.00	45.57 0.85 0.00	48.56 0.89 0.00	54.33 0.85 0.00	61.33 0.90 0.00	57.14 1.03 0.00	43.34 0.83 0.00	58.29 1.31 0.00	44.23 0.82 0.00	37.03 0.68 0.00	33.89 0.51 0.00	33.75 0.51 0.00	31.33 0.36 0.00	45.08 0.52 0.00	79.97 1.32 0.00	78.39 1.50 0.00	106.53 1.66 0.00	54.89 0.75 0.00	47.69 0.35 0.00	47.79 0.42 0.00	39.18 0.33 0.00	32.96 0.24 0.00
ST_LAW_115_BK8_LBMP 345038	65.00 1.20 0.00	55.73 0.99 0.00	37.33 0.69 0.00	46.54 0.86 0.00	45.57 0.85 0.00	48.56 0.89 0.00	54.33 0.85 0.00	61.33 0.90 0.00	57.14 1.03 0.00	43.34 0.83 0.00	58.29 1.31 0.00	44.23 0.82 0.00	37.03 0.68 0.00	33.89 0.51 0.00	33.75 0.51 0.00	31.33 0.36 0.00	45.08 0.52 0.00	79.97 1.32 0.00	78.39 1.50 0.00	106.53 1.66 0.00	54.89 0.75 0.00	47.69 0.35 0.00	47.79 0.42 0.00	39.18 0.33 0.00	32.96 0.24 0.00
ST_LAW_230_BK5_LBMP 345035	64.87 1.07 0.00	55.61 0.87 0.00	37.25 0.61 0.00	46.45 0.77 0.00	45.48 0.76 0.00	48.46 0.79 0.00	54.23 0.75 0.00	61.24 0.80 0.00	57.03 0.92 0.00	43.25 0.74 0.00	58.16 1.18 0.00	44.15 0.75 0.00	36.97 0.61 0.00	33.84 0.46 0.00	33.69 0.45 0.00	31.30 0.32 0.00	45.02 0.47 0.00	79.84 1.19 0.00	78.22 1.33 0.00	106.37 1.50 0.00	54.79 0.65 0.00	47.65 0.32 0.00	47.72 0.35 0.00	39.13 0.29 0.00	32.92 0.20 0.00
ST_LAW_230_BK6_LBMP 345036	64.87 1.07 0.00	55.61 0.87 0.00	37.25 0.61 0.00	46.45 0.77 0.00	45.48 0.76 0.00	48.46 0.79 0.00	54.23 0.75 0.00	61.24 0.80 0.00	57.03 0.92 0.00	43.25 0.74 0.00	58.16 1.18 0.00	44.15 0.75 0.00	36.97 0.61 0.00	33.84 0.46 0.00	33.69 0.45 0.00	31.30 0.32 0.00	45.02 0.47 0.00	79.84 1.19 0.00	78.22 1.33 0.00	106.37 1.50 0.00	54.79 0.65 0.00	47.65 0.32 0.00	47.72 0.35 0.00	39.13 0.29 0.00	32.92 0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	66.01 2.21 0.00	56.56 1.82 0.00	37.90 1.26 0.00	47.33 1.65 0.00	46.35 1.63 0.00	49.36 1.69 0.00	55.35 1.88 0.00	62.51 2.08 0.00	58.01 1.91 0.00	44.10 1.59 0.00	58.85 1.87 0.00	45.28 1.88 0.00	38.06 1.70 0.00	35.00 1.62 0.00	34.77 1.54 0.00	32.42 1.44 0.00	46.50 1.94 0.00	81.40 2.75 0.00	79.83 2.94 0.00	109.26 4.39 0.00	56.39 2.25 0.00	49.40 2.06 0.00	49.65 2.28 0.00	40.79 1.95 0.00	34.40 1.68 0.00
SWANROAD_115KV_TB1 355699	61.36 -2.44 0.00	53.23 -1.51 0.00	35.24 -1.40 0.00	44.24 -1.43 0.00	43.40 -1.32 0.00	46.06 -1.62 0.00	51.31 -2.17 0.00	57.14 -3.30 0.00	52.44 -3.67 0.00	39.93 -2.59 0.00	55.02 -1.96 0.00	41.44 -1.96 0.00	34.85 -1.51 0.00	31.51 -1.88 0.00	31.54 -1.70 0.00	28.78 -2.20 0.00	41.52 -3.03 0.00	73.65 -5.01 0.00	70.49 -6.40 0.00	95.29 -9.58 0.00	49.15 -5.00 0.00	42.74 -4.59 0.00	42.99 -4.39 0.00	35.87 -2.97 0.00	30.01 -2.71 0.00
SYNERGY___BIOGAS 323694	63.78 -0.03 0.00	55.15 0.41 0.00	36.57 -0.07 0.00	45.77 0.10 0.00	44.90 0.18 0.00	47.71 0.04 0.00	53.29 -0.19 0.00	59.64 -0.80 0.00	54.87 -1.23 0.00	41.54 -0.97 0.00	56.58 -0.41 0.00	42.80 -0.60 0.00	35.92 -0.44 0.00	32.51 -0.88 0.00	32.36 -0.88 0.00	29.62 -1.36 0.00	43.01 -1.55 0.00	77.08 -1.58 0.00	74.52 -2.37 0.00	100.93 -3.94 0.00	51.98 -2.17 0.00	45.24 -2.09 0.00	45.30 -2.07 0.00	37.54 -1.31 0.00	31.36 -1.36 0.00
SYRACUSE___ENERGY_ST1 323597	63.01 -0.80 0.00	54.08 -0.66 0.00	36.16 -0.49 0.00	45.11 -0.57 0.00	44.19 -0.53 0.00	47.10 -0.57 0.00	52.85 -0.63 0.00	59.69 -0.74 0.00	55.24 -0.86 0.00	41.79 -0.72 0.00	55.93 -1.05 0.00	42.53 -0.87 0.00	35.72 -0.63 0.00	32.79 -0.59 0.00	32.64 -0.60 0.00	30.42 -0.55 0.00	43.88 -0.67 0.00	77.72 -0.93 0.00	75.92 -0.97 0.00	103.49 -1.39 0.00	53.45 -0.70 0.00	46.70 -0.63 0.00	46.69 -0.69 0.00	38.29 -0.55 0.00	32.21 -0.51 0.00
SYRACUSE___ENERGY_ST2 323598	63.01 -0.80 0.00	54.08 -0.66 0.00	36.16 -0.49 0.00	45.11 -0.57 0.00	44.19 -0.53 0.00	47.10 -0.57 0.00	52.85 -0.63 0.00	59.69 -0.74 0.00	55.24 -0.86 0.00	41.79 -0.72 0.00	55.93 -1.05 0.00	42.53 -0.87 0.00	35.72 -0.63 0.00	32.79 -0.59 0.00	32.64 -0.60 0.00	30.42 -0.55 0.00	43.88 -0.67 0.00	77.72 -0.93 0.00	75.92 -0.97 0.00	103.49 -1.39 0.00	53.45 -0.70 0.00	46.70 -0.63 0.00	46.69 -0.69 0.00	38.29 -0.55 0.00	32.21 -0.51 0.00
SYRACUSE___POWER 24017	63.09 -0.71 0.00	54.13 -0.61 0.00	36.19 -0.45 0.00	45.13 -0.55 0.00	44.22 -0.49 0.00	47.13 -0.55 0.00	52.90 -0.58 0.00	59.74 -0.70 0.00	55.33 -0.78 0.00	41.85 -0.66 0.00	56.05 -0.93 0.00	42.59 -0.81 0.00	35.74 -0.61 0.00	32.81 -0.57 0.00	32.68 -0.56 0.00	30.45 -0.53 0.00	43.90 -0.65 0.00	77.77 -0.88 0.00	76.00 -0.89 0.00	103.63 -1.24 0.00	53.52 -0.62 0.00	46.76 -0.57 0.00	46.74 -0.64 0.00	38.33 -0.52 0.00	32.24 -0.48 0.00
TALLMAN_138KV_BK151 55660	66.10 2.30 0.00	56.63 1.89 0.00	37.94 1.30 0.00	47.40 1.72 0.00	46.43 1.71 0.00	49.43 1.76 0.00	55.41 1.92 0.00	62.55 2.12 0.00	58.05 1.94 0.00	44.16 1.65 0.00	58.97 1.99 0.00	45.42 2.02 0.00	38.20 1.84 0.00	35.13 1.74 0.00	34.88 1.65 0.00	32.51 1.54 0.00	46.56 2.01 0.00	81.39 2.73 0.00	79.83 2.94 0.00	109.32 4.45 0.00	56.40 2.26 0.00	49.47 2.14 0.00	49.75 2.37 0.00	40.90 2.06 0.00	34.48 1.77 0.00
TEALLAVE_115KV_TB7 355573	62.66 -1.14 0.00	53.78 -0.96 0.00	35.95 -0.69 0.00	44.85 -0.83 0.00	43.95 -0.77 0.00	46.83 -0.84 0.00	52.56 -0.92 0.00	59.32 -1.11 0.00	54.97 -1.14 0.00	41.60 -0.91 0.00	55.74 -1.24 0.00	42.37 -1.04 0.00	35.56 -0.80 0.00	32.64 -0.75 0.00	32.51 -0.73 0.00	30.28 -0.69 0.00	43.64 -0.91 0.00	77.24 -1.41 0.00	75.44 -1.46 0.00	102.85 -2.02 0.00	53.09 -1.05 0.00	46.41 -0.92 0.00	46.41 -0.97 0.00	38.06 -0.79 0.00	32.01 -0.71 0.00
TELGRAPH_34_KV_EAST 80808	62.62 -1.19 0.00	54.24 -0.50 0.00	35.93 -0.71 0.00	45.03 -0.64 0.00	44.15 -0.57 0.00	46.89 -0.78 0.00	52.30 -1.18 0.00	58.41 -2.02 0.00	53.67 -2.44 0.00	40.79 -1.72 0.00	55.95 -1.03 0.00	42.19 -1.21 0.00	35.44 -0.91 0.00	32.06 -1.32 0.00	32.06 -1.18 0.00	29.29 -1.69 0.00	42.36 -2.19 0.00	75.44 -3.21 0.00	72.53 -4.36 0.00	98.12 -6.75 0.00	50.57 -3.57 0.00	43.99 -3.34 0.00	44.15 -3.23 0.00	36.69 -2.16 0.00	30.67 -2.05 0.00
TEMPLE___115KV_TB 2 55572	62.69 -1.12 0.00	53.80 -0.94 0.00	35.96 -0.68 0.00	44.86 -0.82 0.00	43.95 -0.77 0.00	46.84 -0.83 0.00	52.57 -0.91 0.00	59.34 -1.09 0.00	54.97 -1.14 0.00	41.60 -0.91 0.00	55.75 -1.24 0.00	42.38 -1.02 0.00	35.57 -0.79 0.00	32.66 -0.73 0.00	32.52 -0.72 0.00	30.29 -0.68 0.00	43.66 -0.90 0.00	77.28 -1.37 0.00	75.45 -1.44 0.00	102.88 -2.00 0.00	53.12 -1.03 0.00	46.43 -0.91 0.00	46.42 -0.96 0.00	38.07 -0.77 0.00	32.02 -0.69 0.00
TIANA___69_KV_BK 1 55817	33.62 -0.26 29.92	5.26 -0.10 49.38	22.39 0.25 14.50	46.36 0.68 0.00	43.77 0.81 1.75	48.39 0.72 0.00	54.13 0.65 0.00	60.81 0.39 0.00	56.51 0.60 0.20	37.14 0.53 5.90	-126.33 1.17 184.48	-405.30 1.66 450.36	17.61 1.71 20.46	34.93 1.60 0.05	29.69 1.12 4.67	32.29 1.31 0.00	42.54 1.47 3.48	50.09 1.44 30.00	69.35 2.05 9.59	106.08 3.63 2.42	48.98 1.88 7.04	49.21 1.88 0.00	49.45 2.08 0.00	36.61 1.56 3.80	34.21 1.49 0.01

TILDEN___115KV_TB1 80814	63.09 -0.71 0.00	54.13 -0.61 0.00	36.19 -0.45 0.00	45.13 -0.55 0.00	44.22 -0.49 0.00	47.13 -0.55 0.00	52.90 -0.58 0.00	59.74 -0.70 0.00	55.33 -0.78 0.00	41.85 -0.66 0.00	56.05 -0.93 0.00	42.59 -0.81 0.00	35.74 -0.61 0.00	32.81 -0.57 0.00	32.68 -0.56 0.00	30.45 -0.53 0.00	43.90 -0.65 0.00	77.77 -0.88 0.00	76.00 -0.89 0.00	103.63 -1.24 0.00	53.52 -0.62 0.00	46.76 -0.57 0.00	46.74 -0.64 0.00	38.33 -0.52 0.00	32.24 -0.48 0.00
TRIGEN___CC 323695	61.39 1.83 4.25	56.09 1.56 0.20	37.82 1.18 0.00	47.36 1.69 0.00	46.41 1.69 0.00	49.37 1.69 0.00	55.24 1.76 0.00	62.13 1.70 0.00	57.76 1.68 0.03	43.90 1.49 0.10	58.92 1.94 0.00	45.58 2.18 0.00	38.36 2.01 0.00	35.24 1.85 0.00	34.80 1.57 0.00	32.56 1.58 0.00	46.48 1.93 0.00	80.92 2.27 0.00	79.38 2.48 0.00	108.99 4.12 0.00	56.34 2.19 0.00	49.44 2.11 0.00	49.71 2.33 0.00	40.13 1.89 0.60	34.49 1.77 0.00
TRINITY__115KV__4 BK 55933	64.20 0.40 0.00	55.05 0.31 0.00	36.87 0.23 0.00	45.87 0.19 0.00	44.85 0.13 0.00	47.92 0.25 0.00	54.04 0.56 0.00	61.21 0.78 0.00	56.83 0.73 0.00	42.96 0.45 0.00	57.32 0.34 0.00	43.85 0.45 0.00	36.68 0.33 0.00	33.79 0.41 0.00	33.73 0.49 0.00	31.65 0.67 0.00	45.34 0.78 0.00	79.43 0.77 0.00	77.67 0.78 0.00	106.36 1.49 0.00	54.99 0.85 0.00	48.34 1.01 0.00	48.33 0.95 0.00	39.61 0.77 0.00	33.53 0.81 0.00
UNION___PROCESSING_DRP 323587	62.99 -0.81 0.00	54.33 -0.40 0.00	36.12 -0.52 0.00	45.16 -0.52 0.00	44.26 -0.46 0.00	47.08 -0.59 0.00	52.65 -0.83 0.00	59.15 -1.28 0.00	54.55 -1.56 0.00	41.38 -1.13 0.00	56.24 -0.74 0.00	42.53 -0.87 0.00	35.74 -0.61 0.00	32.56 -0.83 0.00	32.49 -0.75 0.00	29.93 -1.04 0.00	43.30 -1.25 0.00	76.90 -1.75 0.00	74.48 -2.41 0.00	101.02 -3.85 0.00	52.04 -2.11 0.00	45.37 -1.96 0.00	45.44 -1.94 0.00	37.47 -1.37 0.00	31.38 -1.34 0.00
UPPER HUDSON___HYD 24058	65.02 1.21 0.00	55.68 0.94 0.00	37.34 0.70 0.00	46.37 0.70 0.00	45.36 0.64 0.00	48.64 0.97 0.00	55.05 1.57 0.00	62.14 1.71 0.00	57.61 1.50 0.00	43.16 0.64 0.00	57.81 0.83 0.00	44.34 0.93 0.00	36.73 0.38 0.00	33.79 0.40 0.00	33.57 0.33 0.00	31.55 0.57 0.00	45.47 0.92 0.00	80.60 1.95 0.00	78.98 2.09 0.00	108.36 3.49 0.00	56.02 1.88 0.00	49.26 1.92 0.00	48.94 1.56 0.00	40.01 1.17 0.00	33.97 1.25 0.00
UPPER RAQUET___HYD 24056	66.66 2.86 0.00	57.12 2.38 0.00	38.27 1.63 0.00	47.71 2.04 0.00	46.75 2.03 0.00	49.78 2.11 0.00	55.59 2.11 0.00	62.77 2.33 0.00	58.52 2.42 0.00	44.36 1.85 0.00	59.59 2.61 0.00	44.96 1.56 0.00	37.60 1.24 0.00	34.32 0.94 0.00	34.10 0.87 0.00	31.65 1.09 0.00	45.64 3.10 0.00	81.75 3.77 0.00	80.66 3.77 0.00	109.56 4.69 0.00	56.34 2.19 0.00	48.67 1.33 0.00	48.90 1.52 0.00	39.99 1.15 0.00	33.57 0.85 0.00
VALLEY44_115KV_TB2 355964	63.25 -0.55 0.00	54.76 0.02 0.00	36.39 -0.25 0.00	45.56 -0.11 0.00	44.73 0.01 0.00	47.40 -0.27 0.00	53.08 -0.40 0.00	59.59 -0.84 0.00	54.49 -1.62 0.00	41.65 -0.86 0.00	56.75 -0.23 0.00	43.01 -0.39 0.00	36.10 -0.26 0.00	32.70 -0.69 0.00	32.62 -0.61 0.00	29.89 -1.09 0.00	43.09 -1.47 0.00	76.45 -2.20 0.00	73.73 -3.16 0.00	100.28 -4.59 0.00	51.60 -2.54 0.00	44.87 -2.46 0.00	44.93 -2.45 0.00	37.22 -1.62 0.00	31.13 -1.59 0.00
VALLEY___115KV_TB 1-4 80826	65.28 1.48 0.00	56.15 1.41 0.00	37.64 0.99 0.00	46.82 1.15 0.00	45.82 1.10 0.00	48.93 1.26 0.00	55.16 1.68 0.00	62.47 2.04 0.00	57.58 1.48 0.00	43.21 0.70 0.00	58.12 1.14 0.00	44.25 0.85 0.00	36.69 0.34 0.00	33.76 0.37 0.00	33.45 0.21 0.00	31.36 0.38 0.00	45.65 1.10 0.00	81.34 2.69 0.00	79.74 2.85 0.00	109.11 4.24 0.00	56.41 2.27 0.00	49.47 2.14 0.00	49.38 2.00 0.00	40.31 1.47 0.00	33.94 1.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	66.43 2.63 0.00	56.97 2.23 0.00	38.11 1.47 0.00	47.56 1.88 0.00	46.59 1.87 0.00	49.72 2.05 0.00	55.90 2.42 0.00	63.22 2.79 0.00	58.65 2.55 0.00	44.44 1.93 0.00	59.38 2.40 0.00	45.30 1.90 0.00	37.92 1.57 0.00	34.79 1.41 0.00	34.54 1.31 0.00	32.14 1.16 0.00	46.47 1.91 0.00	81.91 3.26 0.00	79.95 3.06 0.00	109.22 4.34 0.00	56.45 2.30 0.00	49.35 2.02 0.00	49.40 2.03 0.00	40.52 1.68 0.00	34.07 1.35 0.00
VISCHER___FERRY HYD 24020	64.39 0.59 0.00	55.23 0.49 0.00	37.00 0.35 0.00	45.94 0.26 0.00	44.89 0.17 0.00	48.03 0.36 0.00	54.30 0.82 0.00	61.59 1.15 0.00	57.15 1.04 0.00	43.10 0.59 0.00	57.54 0.56 0.00	43.98 0.58 0.00	36.67 0.31 0.00	33.78 0.40 0.00	33.73 0.49 0.00	31.74 0.76 0.00	45.50 0.94 0.00	79.85 1.20 0.00	78.05 1.16 0.00	107.04 2.17 0.00	55.34 1.19 0.00	48.70 1.37 0.00	48.57 1.20 0.00	39.77 0.92 0.00	33.71 0.99 0.00
V_A_10_SYNC_DSASP 323832	62.25 -1.56 0.00	53.86 -0.88 0.00	35.74 -0.90 0.00	44.75 -0.93 0.00	43.88 -0.84 0.00	46.61 -1.06 0.00	52.00 -1.47 0.00	58.21 -2.22 0.00	53.52 -2.58 0.00	40.75 -1.77 0.00	55.77 -1.22 0.00	42.08 -1.32 0.00	35.39 -0.97 0.00	32.10 -1.28 0.00	32.09 -1.14 0.00	29.43 -1.55 0.00	42.48 -2.08 0.00	75.24 -3.41 0.00	72.42 -4.47 0.00	98.05 -6.82 0.00	50.50 -3.64 0.00	44.00 -3.33 0.00	44.14 -3.23 0.00	36.60 -2.25 0.00	30.63 -2.09 0.00
V_CMM_10_SYNC_DSASP 323787	65.33 1.53 0.00	56.03 1.29 0.00	37.52 0.88 0.00	46.78 1.10 0.00	45.82 1.10 0.00	48.81 1.14 0.00	54.62 1.14 0.00	61.65 1.22 0.00	57.44 1.33 0.00	43.57 1.06 0.00	58.61 1.63 0.00	44.46 1.06 0.00	37.23 0.87 0.00	34.07 0.69 0.00	33.92 0.68 0.00	31.50 0.52 0.00	45.31 0.76 0.00	80.39 1.73 0.00	78.78 1.89 0.00	106.85 1.98 0.00	55.13 0.99 0.00	48.00 0.67 0.00	48.04 0.67 0.00	39.37 0.53 0.00	33.12 0.40 0.00
V_CMP_10_SYNC_DSASP 323788	66.09 2.29 0.00	56.59 1.85 0.00	38.10 1.46 0.00	47.36 1.69 0.00	46.33 1.61 0.00	49.48 1.80 0.00	55.57 2.10 0.00	62.69 2.25 0.00	58.34 2.23 0.00	44.20 1.69 0.00	59.57 2.59 0.00	45.10 1.70 0.00	37.71 1.36 0.00	34.56 1.17 0.00	34.33 1.10 0.00	31.83 0.85 0.00	45.45 0.90 0.00	80.76 2.11 0.00	79.03 2.14 0.00	107.76 2.89 0.00	55.36 1.22 0.00	48.14 0.80 0.00	47.90 0.53 0.00	39.39 0.55 0.00	33.23 0.51 0.00
V_D_10_SYNC_DSASP 323841	66.03 2.23 0.00	56.60 1.86 0.00	37.91 1.27 0.00	47.27 1.60 0.00	46.29 1.57 0.00	49.32 1.64 0.00	55.16 1.68 0.00	62.27 1.84 0.00	58.00 1.89 0.00	43.99 1.48 0.00	59.17 2.19 0.00	44.85 1.45 0.00	37.55 1.19 0.00	34.34 0.96 0.00	34.18 0.94 0.00	31.72 0.75 0.00	45.66 1.11 0.00	81.18 2.53 0.00	79.66 2.77 0.00	108.26 3.38 0.00	55.73 1.59 0.00	48.10 0.76 0.00	48.46 1.09 0.00	39.74 0.90 0.00	33.42 0.71 0.00
V_E_10_SYNC_DSASP 323830	67.53 3.72 0.00	57.88 3.15 0.00	38.66 2.02 0.00	48.26 2.58 0.00	47.42 2.70 0.00	50.58 2.91 0.00	56.98 3.50 0.00	64.48 4.05 0.00	59.69 3.58 0.00	44.70 2.19 0.00	59.62 2.64 0.00	45.11 1.71 0.00	37.41 1.05 0.00	34.31 0.92 0.00	33.88 0.65 0.00	31.66 0.68 0.00	46.63 2.08 0.00	83.95 5.30 0.00	82.38 5.48 0.00	112.23 7.36 0.00	57.86 3.72 0.00	50.14 2.81 0.00	49.70 2.32 0.00	40.32 1.48 0.00	33.62 0.90 0.00

V_F_30_NSYNC___DSASP 323816	65.39 1.58 0.00	56.06 1.32 0.00	37.54 0.90 0.00	46.65 0.98 0.00	45.64 0.92 0.00	48.83 1.16 0.00	55.17 1.68 0.00	62.47 2.04 0.00	57.90 1.79 0.00	43.54 1.03 0.00	58.30 1.32 0.00	44.57 1.17 0.00	37.06 0.71 0.00	34.10 0.72 0.00	33.96 0.72 0.00	31.90 0.92 0.00	45.97 1.41 0.00	81.11 2.46 0.00	79.36 2.47 0.00	108.70 3.83 0.00	56.17 2.03 0.00	49.35 2.01 0.00	49.18 1.80 0.00	40.25 1.41 0.00	34.08 1.36 0.00
V_F_30_SYNC_DSASP 323786	64.55 0.75 0.00	55.36 0.62 0.00	37.07 0.43 0.00	46.11 0.44 0.00	45.08 0.37 0.00	48.17 0.50 0.00	54.34 0.86 0.00	61.56 1.13 0.00	57.14 1.04 0.00	43.21 0.69 0.00	57.65 0.67 0.00	44.12 0.71 0.00	36.90 0.55 0.00	33.97 0.58 0.00	33.91 0.67 0.00	31.84 0.86 0.00	45.65 1.10 0.00	80.01 1.36 0.00	78.22 1.33 0.00	107.08 2.21 0.00	55.36 1.22 0.00	48.65 1.31 0.00	48.64 1.26 0.00	39.85 1.01 0.00	33.72 1.00 0.00
V_XM_10_SYNC_DSASP 323789	66.09 2.29 0.00	56.59 1.85 0.00	38.10 1.46 0.00	47.36 1.69 0.00	46.33 1.61 0.00	49.48 1.80 0.00	55.57 2.10 0.00	62.69 2.25 0.00	58.34 2.23 0.00	44.20 1.69 0.00	59.57 2.59 0.00	45.10 1.70 0.00	37.71 1.36 0.00	34.56 1.17 0.00	34.33 1.10 0.00	31.83 0.85 0.00	45.45 0.90 0.00	80.76 2.11 0.00	79.03 2.14 0.00	107.76 2.89 0.00	55.36 1.22 0.00	48.14 0.80 0.00	47.90 0.53 0.00	39.39 0.55 0.00	33.23 0.51 0.00
W.BABYLN_69_KV_BK1 56697	43.26 1.87 22.42	54.60 1.70 1.84	37.86 1.23 0.01	47.51 1.83 0.00	46.52 1.85 0.05	49.54 1.87 0.00	55.40 1.92 0.00	62.26 1.83 0.00	57.76 1.82 0.17	43.47 1.51 0.55	58.97 1.99 0.00	45.62 2.22 0.00	38.44 2.08 0.00	35.34 1.95 0.00	34.82 1.59 0.00	32.67 1.69 0.00	46.65 2.09 0.00	81.30 2.65 0.00	79.98 3.09 0.00	109.86 4.99 0.00	56.73 2.59 0.00	49.78 2.45 0.00	50.03 2.65 0.00	37.70 2.01 3.16	34.60 1.88 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	66.39 2.58 0.00	56.87 2.13 0.00	38.11 1.47 0.00	47.59 1.92 0.00	46.62 1.90 0.00	49.63 1.96 0.00	55.65 2.17 0.00	62.83 2.40 0.00	58.31 2.20 0.00	44.35 1.84 0.00	59.22 2.24 0.00	45.62 2.22 0.00	38.37 2.01 0.00	35.29 1.90 0.00	35.02 1.79 0.00	32.67 1.69 0.00	46.79 2.24 0.00	81.80 3.15 0.00	80.23 3.33 0.00	109.85 4.98 0.00	56.69 2.55 0.00	49.73 2.40 0.00	49.99 2.61 0.00	41.09 2.25 0.00	34.63 1.91 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	66.20 2.39 0.00	56.63 1.90 0.00	38.00 1.36 0.00	47.51 1.84 0.00	46.55 1.83 0.00	49.54 1.87 0.00	55.50 2.02 0.00	62.59 2.15 0.00	58.20 2.09 0.00	44.39 1.88 0.00	59.19 2.21 0.00	45.72 2.32 0.00	38.48 2.13 0.00	35.39 2.00 0.00	35.08 1.84 0.00	32.73 1.75 0.00	46.79 2.23 0.00	81.54 2.89 0.00	79.96 3.07 0.00	109.48 4.61 0.00	56.53 2.39 0.00	49.70 2.37 0.00	50.00 2.62 0.00	41.12 2.28 0.00	34.71 1.99 0.00
W50THST__13_KV_LOAD 356117	66.43 2.63 0.00	56.83 2.09 0.00	38.15 1.51 0.00	47.71 2.03 0.00	46.75 2.03 0.00	49.75 2.07 0.00	55.70 2.22 0.00	62.79 2.36 0.00	58.39 2.28 0.00	44.57 2.06 0.00	59.47 2.48 0.00	45.93 2.53 0.00	38.67 2.32 0.00	35.56 2.18 0.00	35.27 2.03 0.00	32.91 1.93 0.00	47.04 2.49 0.00	81.91 3.25 0.00	80.26 3.37 0.00	109.86 4.99 0.00	56.75 2.61 0.00	49.92 2.58 0.00	50.24 2.86 0.00	41.32 2.47 0.00	34.87 2.15 0.00
WADING RIVER_IC_1 23522	33.27 -0.58 29.96	19.09 -0.43 35.22	27.41 -0.06 9.18	45.96 0.28 0.00	43.69 0.30 1.32	47.86 0.19 0.00	53.56 0.08 0.00	60.16 -0.27 0.00	55.84 -0.06 0.20	38.59 0.04 3.97	-59.16 0.34 116.49	-239.93 1.04 284.37	24.87 1.43 12.92	34.68 1.33 0.03	31.04 0.75 2.95	31.93 0.96 0.00	43.26 0.91 2.20	60.03 0.32 18.94	71.73 0.89 6.05	105.30 1.96 1.52	50.71 1.02 4.45	48.42 1.08 0.00	48.68 1.30 0.00	35.98 0.94 3.80	33.71 1.00 0.00
WADING RIVER_IC_2 23547	33.27 -0.58 29.96	19.09 -0.43 35.22	27.41 -0.06 9.18	45.96 0.28 0.00	43.69 0.30 1.32	47.86 0.19 0.00	53.56 0.08 0.00	60.16 -0.27 0.00	55.84 -0.06 0.20	38.59 0.04 3.97	-59.16 0.34 116.49	-239.93 1.04 284.37	24.87 1.43 12.92	34.68 1.33 0.03	31.04 0.75 2.95	31.93 0.96 0.00	43.26 0.91 2.20	60.03 0.32 18.94	71.73 0.89 6.05	105.30 1.96 1.52	50.71 1.02 4.45	48.42 1.08 0.00	48.68 1.30 0.00	35.98 0.94 3.80	33.71 1.00 0.00
WADING RIVER_IC_3 23601	33.27 -0.58 29.96	19.09 -0.43 35.22	27.41 -0.06 9.18	45.96 0.28 0.00	43.69 0.30 1.32	47.86 0.19 0.00	53.56 0.08 0.00	60.16 -0.27 0.00	55.84 -0.06 0.20	38.59 0.04 3.97	-59.16 0.34 116.49	-239.93 1.04 284.37	24.87 1.43 12.92	34.68 1.33 0.03	31.04 0.75 2.95	31.93 0.96 0.00	43.26 0.91 2.20	60.03 0.32 18.94	71.73 0.89 6.05	105.30 1.96 1.52	50.71 1.02 4.45	48.42 1.08 0.00	48.68 1.30 0.00	35.98 0.94 3.80	33.71 1.00 0.00
WALDENNY_12_KV_BK2 80841	62.90 -0.90 0.00	54.47 -0.27 0.00	36.10 -0.54 0.00	45.22 -0.46 0.00	44.35 -0.37 0.00	47.04 -0.63 0.00	52.50 -0.98 0.00	58.72 -1.71 0.00	53.89 -2.22 0.00	41.10 -1.41 0.00	56.41 -0.57 0.00	42.54 -0.86 0.00	35.76 -0.59 0.00	32.33 -1.06 0.00	32.30 -0.94 0.00	29.58 -1.40 0.00	42.71 -1.84 0.00	75.81 -2.84 0.00	72.81 -4.08 0.00	98.55 -6.32 0.00	50.75 -3.39 0.00	44.05 -3.28 0.00	44.14 -3.24 0.00	36.66 -2.18 0.00	30.62 -2.10 0.00
WALDEN___HYDRO 24148	66.27 2.46 0.00	56.76 2.02 0.00	38.03 1.39 0.00	47.49 1.81 0.00	46.52 1.80 0.00	49.55 1.88 0.00	55.58 2.10 0.00	62.77 2.34 0.00	58.28 2.17 0.00	44.27 1.76 0.00	59.05 2.07 0.00	45.40 2.00 0.00	38.13 1.78 0.00	35.09 1.71 0.00	34.86 1.62 0.00	32.52 1.54 0.00	46.66 2.11 0.00	81.76 3.11 0.00	80.21 3.32 0.00	109.78 4.91 0.00	56.67 2.52 0.00	49.64 2.30 0.00	49.85 2.47 0.00	40.95 2.11 0.00	34.53 1.81 0.00
WARRENSBURG____ 23737	65.02 1.21 0.00	55.68 0.95 0.00	37.34 0.70 0.00	46.37 0.70 0.00	45.36 0.64 0.00	48.65 0.97 0.00	55.05 1.57 0.00	62.14 1.71 0.00	57.61 1.50 0.00	43.15 0.64 0.00	57.80 0.82 0.00	44.34 0.93 0.00	36.73 0.38 0.00	33.79 0.40 0.00	33.57 0.33 0.00	31.56 0.58 0.00	45.47 0.92 0.00	80.60 1.94 0.00	78.98 2.09 0.00	108.36 3.49 0.00	56.02 1.88 0.00	49.25 1.92 0.00	48.94 1.56 0.00	40.01 1.17 0.00	33.97 1.26 0.00
WATERSIDE___6 8 9 23538	65.85 2.04 0.01	56.34 1.61 0.01	37.81 1.18 0.01	47.25 1.58 0.01	46.28 1.57 0.01	49.27 1.60 0.01	55.27 1.79 0.00	62.34 1.91 0.00	58.03 1.92 0.00	44.31 1.80 0.00	59.01 2.04 0.00	45.65 2.25 0.00	38.41 2.06 0.00	35.34 1.95 0.00	35.04 1.80 0.00	32.70 1.72 0.00	46.68 2.13 0.00	81.16 2.52 0.00	79.64 2.75 0.00	109.04 4.17 0.00	56.35 2.21 0.00	49.64 2.30 0.00	49.97 2.59 0.00	41.09 2.24 0.00	34.69 1.97 0.00
WATKINRD_115KV_LN8_ILLION 55919	64.81 1.01 0.00	55.68 0.95 0.00	37.30 0.66 0.00	46.46 0.78 0.00	45.46 0.75 0.00	48.51 0.84 0.00	54.63 1.15 0.00	61.83 1.40 0.00	57.12 1.02 0.00	42.98 0.47 0.00	57.73 0.75 0.00	43.96 0.56 0.00	36.55 0.20 0.00	33.63 0.25 0.00	33.38 0.14 0.00	31.24 0.26 0.00	45.30 0.75 0.00	80.47 1.82 0.00	78.83 1.94 0.00	107.82 2.95 0.00	55.72 1.58 0.00	48.83 1.50 0.00	48.80 1.42 0.00	39.88 1.03 0.00	33.59 0.87 0.00

WDELAWARE___HYD 323627	65.42 1.62 0.00	56.01 1.27 0.00	37.51 0.87 0.00	46.83 1.15 0.00	45.87 1.16 0.00	48.89 1.22 0.00	54.90 1.42 0.00	62.05 1.62 0.00	57.59 1.49 0.00	43.67 1.16 0.00	58.17 1.18 0.00	44.54 1.14 0.00	37.37 1.01 0.00	34.37 0.98 0.00	34.18 0.94 0.00	31.93 0.95 0.00	45.96 1.41 0.00	80.84 2.19 0.00	79.31 2.42 0.00	108.54 3.67 0.00	56.04 1.90 0.00	49.09 1.75 0.00	49.23 1.85 0.00	40.39 1.55 0.00	34.01 1.29 0.00
WEST BABYLON___IC 23714	43.26 1.87 22.42	54.60 1.70 1.84	37.86 1.23 0.01	47.51 1.83 0.00	46.52 1.85 0.05	49.54 1.87 0.00	55.40 1.92 0.00	62.26 1.83 0.00	57.76 1.82 0.17	43.47 1.51 0.55	58.97 1.99 0.00	45.62 2.22 0.00	38.44 2.08 0.00	35.34 1.95 0.00	34.82 1.59 0.00	32.67 1.69 0.00	46.65 2.09 0.00	81.30 2.65 0.00	79.98 3.09 0.00	109.86 4.99 0.00	56.73 2.59 0.00	49.78 2.45 0.00	50.03 2.65 0.00	37.70 2.01 3.16	34.60 1.88 0.00
WEST CANADA___HYD 24049	63.80 -0.01 0.00	54.74 0.00 0.00	36.64 0.00 0.00	45.67 0.00 0.00	44.71 -0.01 0.00	47.65 -0.02 0.00	53.48 0.00 0.00	60.48 0.04 0.00	56.14 0.03 0.00	42.51 0.00 0.00	56.95 -0.03 0.00	43.40 0.00 0.00	36.33 -0.02 0.00	33.39 0.00 0.00	33.24 0.00 0.00	31.01 0.03 0.00	44.63 0.08 0.00	78.71 0.06 0.00	76.96 0.07 0.00	105.06 0.19 0.00	54.25 0.11 0.00	47.49 0.16 0.00	47.53 0.15 0.00	38.96 0.12 0.00	32.82 0.10 0.00
WESTERN_NY_WIND 24143	63.72 -0.09 0.00	55.09 0.35 0.00	36.52 -0.12 0.00	45.72 0.05 0.00	44.85 0.13 0.00	47.66 -0.01 0.00	53.23 -0.25 0.00	59.55 -0.88 0.00	54.78 -1.33 0.00	41.49 -1.03 0.00	56.55 -0.43 0.00	42.75 -0.65 0.00	35.88 -0.47 0.00	32.46 -0.92 0.00	32.33 -0.91 0.00	29.58 -1.40 0.00	42.94 -1.62 0.00	76.94 -1.71 0.00	74.37 -2.52 0.00	100.72 -4.15 0.00	51.87 -2.27 0.00	45.15 -2.19 0.00	45.21 -2.16 0.00	37.47 -1.37 0.00	31.30 -1.42 0.00
WESTOVER___LESR 323668	64.04 0.23 0.00	54.99 0.25 0.00	36.74 0.09 0.00	45.85 0.17 0.00	44.97 0.25 0.00	47.83 0.16 0.00	53.71 0.23 0.00	60.63 0.20 0.00	56.03 -0.08 0.00	42.50 -0.02 0.00	56.95 -0.03 0.00	43.42 0.02 0.00	36.40 0.04 0.00	33.38 -0.01 0.00	33.21 -0.03 0.00	30.88 -0.10 0.00	44.51 -0.04 0.00	78.66 0.01 0.00	76.69 -0.20 0.00	104.66 -0.21 0.00	54.11 -0.03 0.00	47.24 -0.09 0.00	47.25 -0.13 0.00	38.82 -0.02 0.00	32.64 -0.08 0.00
WETHRSFD_WT_PWR 323626	62.73 -1.08 0.00	54.22 -0.52 0.00	36.00 -0.65 0.00	45.03 -0.65 0.00	44.26 -0.46 0.00	46.86 -0.81 0.00	52.43 -1.05 0.00	58.76 -1.67 0.00	53.95 -2.15 0.00	41.02 -1.50 0.00	55.89 -1.09 0.00	42.26 -1.14 0.00	35.40 -0.95 0.00	32.00 -1.38 0.00	31.92 -1.31 0.00	29.26 -1.72 0.00	42.44 -2.11 0.00	75.79 -2.87 0.00	73.09 -3.80 0.00	99.00 -5.87 0.00	51.02 -3.13 0.00	43.99 -3.35 0.00	43.65 -3.73 0.00	36.02 -2.83 0.00	30.12 -2.60 0.00
WHAVSTOR_138KV_BK127 55557	66.00 2.20 0.00	56.54 1.80 0.00	37.90 1.26 0.00	47.35 1.67 0.00	46.37 1.65 0.00	49.37 1.70 0.00	55.34 1.86 0.00	62.47 2.04 0.00	57.98 1.87 0.00	44.12 1.61 0.00	58.90 1.92 0.00	45.38 1.98 0.00	38.16 1.80 0.00	35.09 1.71 0.00	34.83 1.59 0.00	32.47 1.50 0.00	46.50 1.94 0.00	81.25 2.60 0.00	79.68 2.78 0.00	109.11 4.24 0.00	56.31 2.17 0.00	49.41 2.08 0.00	49.68 2.30 0.00	40.85 2.01 0.00	34.45 1.73 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	66.00 2.20 0.00	56.54 1.80 0.00	37.90 1.26 0.00	47.35 1.67 0.00	46.37 1.65 0.00	49.37 1.70 0.00	55.34 1.86 0.00	62.47 2.04 0.00	57.98 1.87 0.00	44.12 1.61 0.00	58.90 1.92 0.00	45.38 1.98 0.00	38.16 1.80 0.00	35.09 1.71 0.00	34.83 1.59 0.00	32.47 1.50 0.00	46.50 1.94 0.00	81.25 2.60 0.00	79.68 2.78 0.00	109.11 4.24 0.00	56.31 2.17 0.00	49.41 2.08 0.00	49.68 2.30 0.00	40.85 2.01 0.00	34.45 1.73 0.00
WHITEHAL_115KV_TB1 80871	67.11 3.30 0.00	57.48 2.74 0.00	38.67 2.03 0.00	47.43 1.76 0.00	46.32 1.60 0.00	50.20 2.53 0.00	57.18 3.70 0.00	64.37 3.94 0.00	59.49 3.39 0.00	43.99 1.48 0.00	58.56 1.58 0.00	45.42 2.02 0.00	37.48 1.13 0.00	34.72 1.33 0.00	34.35 1.12 0.00	32.31 1.34 0.00	46.07 1.51 0.00	82.44 3.79 0.00	80.84 3.95 0.00	111.83 6.96 0.00	58.06 3.91 0.00	51.02 3.69 0.00	50.23 2.85 0.00	40.81 1.97 0.00	35.02 2.30 0.00
WHITEPLN_13_KV_LOAD 356215	66.59 2.78 0.00	57.02 2.28 0.00	38.22 1.59 0.00	47.75 2.07 0.00	46.76 2.05 0.00	49.79 2.12 0.00	55.80 2.32 0.00	62.98 2.55 0.00	58.53 2.42 0.00	44.56 2.05 0.00	59.46 2.48 0.00	45.82 2.42 0.00	38.53 2.17 0.00	35.44 2.05 0.00	35.17 1.94 0.00	32.81 1.84 0.00	46.99 2.43 0.00	82.05 3.40 0.00	80.46 3.57 0.00	110.19 5.32 0.00	56.89 2.75 0.00	49.95 2.61 0.00	50.20 2.83 0.00	41.25 2.40 0.00	34.79 2.07 0.00
WM_FLOYD_69_KV_BK2 356380	34.23 0.23 29.81	-23.11 0.24 78.08	11.71 0.37 25.30	46.43 0.76 0.00	42.89 0.79 2.62	48.39 0.72 0.00	54.15 0.67 0.00	60.84 0.41 0.00	56.46 0.55 0.20	33.19 0.48 9.81	-264.44 0.91 322.33	-742.06 1.44 786.91	2.20 1.58 35.74	34.74 1.45 0.09	26.05 0.97 8.16	32.15 1.17 0.00	39.76 1.29 6.09	27.38 1.14 52.41	61.80 1.66 16.75	103.66 3.01 4.22	43.39 1.56 12.30	48.88 1.55 0.00	49.14 1.76 0.00	36.39 1.33 3.79	34.03 1.32 0.01
WOODARD___115KV_TB2 355635	62.57 -1.24 0.00	53.70 -1.04 0.00	35.90 -0.74 0.00	44.78 -0.89 0.00	43.87 -0.84 0.00	46.76 -0.91 0.00	52.47 -1.01 0.00	59.24 -1.19 0.00	54.87 -1.23 0.00	41.54 -0.97 0.00	55.66 -1.32 0.00	42.32 -1.09 0.00	35.51 -0.84 0.00	32.61 -0.78 0.00	32.46 -0.77 0.00	30.25 -0.73 0.00	43.60 -0.96 0.00	77.15 -1.51 0.00	75.34 -1.55 0.00	102.72 -2.15 0.00	53.03 -1.11 0.00	46.36 -0.98 0.00	46.36 -1.02 0.00	38.01 -0.83 0.00	31.98 -0.74 0.00
WOODMERE_69_KV_BK1 55827	66.42 2.62 0.00	56.96 2.22 0.00	38.24 1.60 0.00	47.92 2.24 0.00	46.95 2.24 0.00	49.95 2.28 0.00	55.87 2.39 0.00	62.84 2.41 0.00	58.41 2.31 0.00	44.47 1.96 0.00	59.57 2.59 0.00	46.11 2.71 0.00	38.82 2.47 0.00	35.66 2.27 0.00	35.24 2.00 0.00	32.94 1.96 0.00	46.87 2.32 0.00	81.59 2.94 0.00	80.00 3.10 0.00	109.88 5.00 0.00	57.00 2.86 0.00	50.02 2.68 0.00	50.24 2.86 0.00	41.13 2.28 0.00	34.83 2.11 0.00
YORK___WARBASSE 23770	66.13 2.33 0.01	56.63 1.90 0.01	38.00 1.37 0.01	47.48 1.81 0.01	46.48 1.77 0.01	49.51 1.85 0.01	55.46 1.98 0.00	62.52 2.09 0.00	58.21 2.10 0.00	44.48 1.96 0.00	59.17 2.19 0.00	45.80 2.40 0.00	38.53 2.17 0.00	35.43 2.04 0.00	35.13 1.90 0.00	32.76 1.79 0.00	46.80 2.24 0.00	81.34 2.69 0.00	79.88 3.00 0.00	109.40 4.53 0.00	56.57 2.43 0.00	49.82 2.49 0.00	50.17 2.79 0.00	41.24 2.39 0.00	34.79 2.07 0.00