

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/20/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	49.93	46.02	41.35	38.46	39.09	42.87	48.25	51.26	53.30	60.48	61.86	65.39	67.67	78.30	99.10	98.97	118.65	111.01	99.46	85.32	68.19	60.01	46.53	43.51
24138	4.33	4.26	3.57	3.34	3.29	3.79	4.39	5.16	5.34	6.39	6.44	7.36	7.02	6.48	7.60	7.35	7.32	7.86	10.90	8.87	6.42	5.80	4.46	3.26
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	-2.54	-4.27	-2.71	-8.65	-25.85	-39.45	-39.46	-59.44	-47.80	-7.84	0.00	0.00	0.00	0.00
74TH STREET_GT_1	49.70	45.85	41.24	38.36	38.94	42.71	47.99	50.94	53.09	60.07	61.23	64.80	67.21	77.93	98.48	98.49	118.15	110.39	98.80	84.78	67.82	59.68	46.28	43.31
24260	4.10	4.09	3.46	3.23	3.15	3.63	4.12	4.84	5.15	5.98	6.14	7.03	6.66	6.16	7.03	6.94	6.90	7.31	10.25	8.33	6.05	5.47	4.21	3.06
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00
74TH STREET_GT_2	49.70	45.85	41.24	38.36	38.94	42.71	47.99	50.94	53.09	60.07	61.23	64.80	67.21	77.93	98.48	98.49	118.15	110.39	98.80	84.78	67.82	59.68	46.28	43.31
24261	4.10	4.09	3.46	3.23	3.15	3.63	4.12	4.84	5.15	5.98	6.14	7.03	6.66	6.16	7.03	6.94	6.90	7.31	10.25	8.33	6.05	5.47	4.21	3.06
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	48.84	44.76	40.27	37.48	38.34	42.01	47.16	49.41	50.94	54.85	54.42	58.80	54.86	48.97	54.91	62.88	56.33	60.00	86.29	81.50	65.78	57.79	44.51	42.50
24011	3.24	3.01	2.67	2.35	2.54	2.93	3.29	3.32	3.24	3.30	3.27	3.48	2.86	2.25	2.39	2.92	2.85	3.32	5.57	5.05	4.01	3.58	2.44	2.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.75	-0.47	-7.81	-1.59	-1.33	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	49.20	45.02	40.50	37.62	38.55	42.24	47.50	49.83	51.32	55.27	54.78	59.19	55.12	49.13	55.10	63.15	56.42	60.22	86.93	82.19	66.27	58.22	44.77	42.87
23798	3.60	3.26	2.90	2.49	2.76	3.16	3.64	3.73	3.62	3.71	3.63	3.87	3.12	2.43	2.60	3.18	3.11	3.71	6.22	5.74	4.51	4.01	2.70	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	-0.45	-7.81	-1.42	-1.16	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	48.84	44.76	40.27	37.48	38.34	42.01	47.16	49.41	50.94	54.85	54.42	58.80	54.86	48.97	54.91	62.88	56.33	60.00	86.29	81.50	65.78	57.79	44.51	42.50
24028	3.24	3.01	2.67	2.35	2.54	2.93	3.29	3.32	3.24	3.30	3.27	3.48	2.86	2.25	2.39	2.92	2.85	3.32	5.57	5.05	4.01	3.58	2.44	2.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.75	-0.47	-7.81	-1.59	-1.33	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	48.06	44.09	39.74	37.09	37.83	41.34	46.50	49.00	50.55	54.70	53.75	58.36	55.28	54.82	58.94	63.99	67.60	70.27	85.96	81.04	65.29	57.35	44.47	42.38
23527	2.46	2.34	2.14	1.97	2.04	2.27	2.63	2.91	2.86	3.15	2.61	3.04	3.28	2.90	3.18	3.34	3.22	3.65	5.24	4.59	3.52	3.14	2.40	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.96	-3.71	-8.50	-12.49	-11.26	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	46.56	42.84	38.58	36.01	36.72	40.09	44.92	47.20	48.55	52.38	51.96	56.26	52.88	47.36	53.29	60.79	54.27	57.86	82.41	77.67	62.63	54.97	42.96	40.89
24190	0.96	1.09	0.98	0.88	0.93	1.02	1.05	1.11	0.86	0.82	0.82	0.94	0.88	0.74	0.83	1.04	0.99	1.33	1.70	1.22	0.86	0.76	0.88	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.65	-0.41	-7.59	-1.39	-1.18	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	44.96	41.17	37.07	34.64	35.26	38.49	43.16	45.40	47.12	50.93	50.58	54.15	51.22	45.23	51.22	51.27	51.11	54.03	78.86	75.15	60.90	53.50	41.78	40.05
355683	-0.64	-0.58	-0.53	-0.49	-0.54	-0.59	-0.70	-0.69	-0.57	-0.62	-0.56	-1.16	-0.78	-0.74	-0.83	-0.89	-0.78	-1.33	-1.86	-1.30	-0.86	-0.70	-0.29	-0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.65	43.64	39.33	36.67	37.41	40.79	45.79	47.99	49.32	53.25	52.73	56.86	53.40	47.75	53.89	61.43	54.59	58.30	83.78	79.12	63.87	56.05	43.71	41.74
323833	2.05	1.88	1.73	1.54	1.61	1.72	1.93	1.89	1.62	1.70	1.59	1.55	1.40	1.33	1.56	1.82	1.82	2.16	3.07	2.67	2.10	1.84	1.64	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	-0.28	-7.45	-0.89	-0.79	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	47.60	43.64	39.33	36.67	37.41	40.79	45.75	47.99	49.32	53.25	52.73	56.86	53.40	47.74	53.88	61.43	54.58	58.30	83.78	79.05	63.80	56.05	43.71	41.74
323834	2.00	1.88	1.73	1.54	1.61	1.72	1.88	1.89	1.62	1.70	1.59	1.55	1.40	1.33	1.56	1.82	1.82	2.16	3.07	2.60	2.04	1.84	1.64	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	-0.27	-7.45	-0.88	-0.79	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	46.56	42.84	38.58	36.01	36.72	40.09	44.92	47.20	48.55	52.38	51.96	56.26	52.88	47.36	53.29	60.79	54.27	57.86	82.41	77.67	62.63	54.97	42.96	40.89
23571	0.96	1.09	0.98	0.88	0.93	1.02	1.05	1.11	0.86	0.82	0.82	0.94	0.88	0.74	0.83	1.04	0.99	1.33	1.70	1.22	0.86	0.76	0.88	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.65	-0.41	-7.59	-1.39	-1.18	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	46.56 0.96 0.00	42.84 1.09 0.00	38.58 0.98 0.00	36.01 0.88 0.00	36.72 0.93 0.00	40.09 1.02 0.00	44.92 1.05 0.00	47.20 1.11 0.00	48.55 0.86 0.00	52.38 0.82 0.00	51.96 0.82 0.00	56.26 0.94 0.00	52.88 0.88 0.00	47.36 0.74 -0.65	53.29 0.83 -0.41	60.79 1.04 -7.59	54.27 0.99 -1.39	57.86 1.33 -1.18	82.41 1.70 0.00	77.67 1.22 0.00	62.63 0.86 0.00	54.97 0.76 0.00	42.96 0.88 0.00	40.89 0.64 0.00
ALBANY___3 23573	46.56 0.96 0.00	42.84 1.09 0.00	38.58 0.98 0.00	36.01 0.88 0.00	36.72 0.93 0.00	40.09 1.02 0.00	44.92 1.05 0.00	47.20 1.11 0.00	48.55 0.86 0.00	52.38 0.82 0.00	51.96 0.82 0.00	56.26 0.94 0.00	52.88 0.88 0.00	47.36 0.74 -0.65	53.29 0.83 -0.41	60.79 1.04 -7.59	54.27 0.99 -1.39	57.86 1.33 -1.18	82.41 1.70 0.00	77.67 1.22 0.00	62.63 0.86 0.00	54.97 0.76 0.00	42.96 0.88 0.00	40.89 0.64 0.00
ALBANY___4 23574	46.56 0.96 0.00	42.84 1.09 0.00	38.58 0.98 0.00	36.01 0.88 0.00	36.72 0.93 0.00	40.09 1.02 0.00	44.92 1.05 0.00	47.20 1.11 0.00	48.55 0.86 0.00	52.38 0.82 0.00	51.96 0.82 0.00	56.26 0.94 0.00	52.88 0.88 0.00	47.36 0.74 -0.65	53.29 0.83 -0.41	60.79 1.04 -7.59	54.27 0.99 -1.39	57.86 1.33 -1.18	82.41 1.70 0.00	77.67 1.22 0.00	62.63 0.86 0.00	54.97 0.76 0.00	42.96 0.88 0.00	40.89 0.64 0.00
ALBANY___LFGE 323615	47.01 1.42 0.00	43.09 1.34 0.00	38.84 1.24 0.00	36.25 1.12 0.00	36.97 1.18 0.00	40.36 1.29 0.00	45.36 1.49 0.00	47.66 1.57 0.00	49.08 1.38 0.00	53.15 1.60 0.00	52.63 1.48 0.00	56.92 1.61 0.00	53.45 1.45 0.00	47.87 1.19 -0.71	53.79 1.30 -0.44	61.37 1.56 -7.65	54.75 1.45 -1.41	58.18 1.82 -1.00	83.30 2.58 0.00	78.51 2.06 0.00	63.25 1.48 0.00	55.56 1.36 0.00	43.25 1.18 0.00	41.30 1.04 0.00
ALCOA_PA_115KV_PL-6C 55860	45.05 -0.55 0.00	41.21 -0.54 0.00	37.11 -0.49 0.00	34.67 -0.46 0.00	35.26 -0.54 0.00	38.53 -0.55 0.00	43.16 -0.70 0.00	45.36 -0.74 0.00	47.12 -0.57 0.00	50.73 -0.83 0.00	50.48 -0.67 0.00	54.26 -1.05 0.00	51.06 -0.93 0.00	45.14 -0.83 0.00	51.06 -0.99 0.00	51.11 -1.04 0.00	51.06 -0.83 0.00	54.14 -1.22 0.00	79.27 -1.45 0.00	75.54 -0.91 0.00	61.27 -0.50 0.00	53.72 -0.49 0.00	41.82 -0.25 0.00	40.09 -0.16 0.00
ALCOA_RYNLDS___DRP 24188	45.05 -0.55 0.00	41.22 -0.54 0.00	37.11 -0.49 0.00	34.67 -0.46 0.00	35.29 -0.50 0.00	38.53 -0.55 0.00	43.16 -0.70 0.00	45.36 -0.74 0.00	47.12 -0.57 0.00	50.88 -0.67 0.00	50.48 -0.66 0.00	54.26 -1.05 0.00	51.11 -0.88 0.00	45.14 -0.83 0.00	51.06 -0.99 0.00	51.11 -1.04 0.00	51.01 -0.88 0.00	54.14 -1.22 0.00	79.26 -1.45 0.00	75.53 -0.92 0.00	61.27 -0.49 0.00	53.72 -0.49 0.00	41.82 -0.25 0.00	40.09 -0.16 0.00
ALCOA___DSASP 323711	45.05 -0.55 0.00	41.22 -0.54 0.00	37.11 -0.49 0.00	34.67 -0.46 0.00	35.29 -0.50 0.00	38.53 -0.55 0.00	43.16 -0.70 0.00	45.36 -0.74 0.00	47.12 -0.57 0.00	50.88 -0.67 0.00	50.48 -0.66 0.00	54.26 -1.05 0.00	51.11 -0.88 0.00	45.14 -0.83 0.00	51.06 -0.99 0.00	51.11 -1.04 0.00	51.01 -0.88 0.00	54.14 -1.22 0.00	79.26 -1.45 0.00	75.53 -0.92 0.00	61.27 -0.49 0.00	53.72 -0.49 0.00	41.82 -0.25 0.00	40.09 -0.16 0.00
ALLEGHENY___COGEN 23514	45.60 -0.09 -0.09	71.74 -0.50 -30.48	61.60 -0.56 -24.57	60.56 -0.60 -26.03	63.74 -0.50 -28.44	71.29 -0.31 -32.53	74.47 -2.98 -33.58	79.33 -3.23 -36.47	73.34 -3.82 -29.46	47.69 -5.62 -1.75	50.44 -6.39 -5.69	81.51 -7.91 -34.11	71.51 -7.33 -26.84	60.80 -6.34 -21.17	60.80 -7.55 -16.30	61.83 -7.62 -17.29	81.22 -7.37 -36.70	89.90 -7.80 -42.35	137.66 -10.25 -67.20	102.25 -8.56 -34.36	71.17 -3.95 -13.35	70.97 -0.27 -17.03	45.13 -0.72 -3.77	39.45 -0.80 0.00
ALTAMONT_115KV_TB 2 55880	46.97 1.37 0.00	43.14 1.38 0.00	38.84 1.24 0.00	36.29 1.16 0.00	37.01 1.22 0.00	40.40 1.33 0.00	45.31 1.45 0.00	47.71 1.61 0.00	49.22 1.53 0.00	53.15 1.60 0.00	52.73 1.59 0.00	57.09 1.77 0.00	53.71 1.72 0.00	47.49 1.52 0.00	53.82 1.77 0.00	61.42 1.83 -7.44	53.71 1.82 0.00	57.29 1.94 0.00	83.46 2.74 0.00	78.67 2.22 0.00	63.44 1.67 0.00	55.73 1.52 0.00	43.38 1.30 0.00	41.26 1.01 0.00
ALTONA_WT_PWR 323606	44.18 -1.41 0.00	40.51 -1.25 0.00	36.47 -1.13 0.00	34.11 -1.02 0.00	34.68 -1.11 0.00	37.86 -1.21 0.00	42.64 -1.23 0.00	44.90 -1.20 0.00	46.64 -1.05 0.00	50.27 -1.29 0.00	49.97 -1.17 0.00	53.71 -1.61 0.00	50.49 -1.51 0.00	44.54 -1.43 0.00	50.38 -1.67 0.00	50.49 -1.67 0.00	50.44 -1.45 0.00	53.70 -1.66 0.00	78.54 -2.18 0.00	74.92 -1.53 0.00	60.78 -0.99 0.00	53.34 -0.87 0.00	41.48 -0.59 0.00	39.77 -0.48 0.00
AMERICAN_REF_FUEL 24010	40.28 -5.29 0.03	25.96 -5.10 10.70	23.74 -4.66 9.19	21.44 -4.36 9.33	21.01 -4.33 10.45	22.31 -4.81 11.96	25.42 -5.62 12.83	26.03 -5.90 14.17	31.32 -6.58 9.80	28.47 -6.96 16.12	28.87 -6.85 15.42	27.65 -7.41 20.26	26.04 -6.86 19.09	26.75 -5.93 13.29	23.53 -6.71 21.81	25.99 -6.89 19.28	28.66 -6.64 16.59	31.24 -6.98 17.14	37.40 -10.09 33.23	49.73 -10.32 16.40	45.63 -8.03 8.11	40.07 -7.10 7.04	34.37 -5.85 1.85	35.14 -5.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.92 -3.65 0.03	25.50 -3.84 12.42	23.30 -3.57 10.72	20.93 -3.41 10.80	20.94 -3.29 11.56	23.26 -3.16 12.65	27.71 -3.11 13.05	29.15 -2.90 14.04	34.61 -3.15 9.93	34.67 -3.09 13.80	33.98 -3.27 13.89	33.58 -3.26 18.47	31.56 -3.07 17.37	28.69 -2.81 14.47	26.05 -3.64 22.35	28.63 -3.76 19.77	29.14 -3.95 18.80	32.81 -3.66 18.89	41.68 -5.00 34.03	55.25 -4.51 16.69	49.72 -3.77 8.28	43.95 -3.09 7.17	37.44 -2.86 1.77	37.15 -3.10 0.00
ARTHUR KILL_GT_1 23520	49.85 4.24 -0.01	45.94 4.18 -0.01	41.40 3.61 -0.19	38.51 3.37 -0.01	39.13 3.33 -0.01	42.83 3.75 -0.01	48.17 4.30 -0.01	51.04 4.93 -0.01	53.15 5.20 -0.26	59.87 5.77 -2.55	61.25 6.03 -4.07	64.62 6.75 -2.55	66.98 6.40 -8.58	77.28 5.52 -25.80	97.70 6.25 -39.40	98.09 6.52 -39.41	117.80 6.54 -59.37	109.85 6.75 -47.74	98.07 9.52 -7.83	84.09 7.64 0.00	67.20 5.44 0.00	59.80 5.58 -0.01	46.41 4.33 -0.01	43.48 3.22 -0.01
ARTHUR_KILL_2 23512	49.62 4.01 -0.01	45.57 3.80 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.72 3.63 -0.01	48.08 4.21 -0.01	50.90 4.79 -0.01	52.87 4.91 -0.26	59.62 5.52 -2.55	60.99 5.78 -4.07	64.45 6.58 -2.55	66.76 6.18 -8.58	77.10 5.33 -25.80	97.48 6.03 -39.39	97.87 6.31 -39.41	117.53 6.28 -59.36	109.57 6.47 -47.74	97.67 9.12 -7.83	83.72 7.27 0.00	66.96 5.19 0.00	59.53 5.32 -0.01	46.25 4.17 -0.01	43.64 3.38 -0.01
ARTHUR_KILL_3 23513	49.29 3.69 0.00	45.18 3.42 0.00	40.79 3.01 -0.18	37.90 2.77 0.00	38.48 2.69 0.00	42.32 3.24 0.00	47.64 3.77 0.00	50.52 4.43 0.00	52.62 4.68 -0.25	59.50 5.41 -2.54	60.75 5.53 -4.08	64.23 6.36 -2.56	66.57 5.98 -8.59	77.26 5.47 -25.82	97.77 6.30 -39.42	97.80 6.20 -39.44	117.41 6.12 -59.39	109.60 6.47 -47.77	97.67 9.12 -7.84	83.79 7.34 0.00	67.02 5.25 0.00	59.25 5.04 0.00	45.94 3.87 0.00	43.27 3.02 0.00

ARTHUR_KILL_COGEN 323718	49.80 4.19 -0.01	45.69 3.92 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.87 3.79 -0.01	48.26 4.39 -0.01	51.08 4.98 -0.01	53.06 5.11 -0.26	59.77 5.67 -2.55	61.14 5.93 -4.07	64.67 6.80 -2.55	66.97 6.39 -8.58	77.28 5.51 -25.80	97.69 6.24 -39.39	98.08 6.52 -39.41	117.74 6.49 -59.36	109.85 6.75 -47.74	98.07 9.52 -7.83	84.09 7.64 0.00	67.20 5.44 0.00	59.80 5.58 -0.01	46.42 4.33 -0.01	43.76 3.50 -0.01
ASHOKAN____ 23654	48.97 3.37 0.00	44.72 2.97 0.00	40.38 2.63 -0.15	37.62 2.49 0.00	38.16 2.36 0.00	41.69 2.62 0.00	46.85 2.98 0.00	49.09 2.99 0.00	50.19 2.38 -0.11	56.27 2.63 -2.09	54.43 2.56 -0.73	58.13 2.82 0.00	54.65 2.65 0.00	52.33 3.95 -2.41	58.18 4.63 -1.50	64.43 4.80 -7.48	61.97 4.98 -5.10	65.86 5.93 -4.58	86.21 5.49 0.00	80.80 4.36 0.00	65.16 3.39 0.00	57.13 2.93 0.00	44.56 2.48 0.00	42.42 2.17 0.00
ASTORIA_EAST_ENERGY_CC1 323581	49.53 3.92 -0.01	45.44 3.68 -0.01	41.06 3.27 -0.19	38.19 3.05 -0.01	38.77 2.97 -0.01	42.59 3.52 0.00	47.95 4.08 0.00	50.84 4.75 0.00	52.66 4.72 -0.25	59.39 5.31 -2.53	60.83 5.73 -3.96	64.25 6.47 -2.47	66.91 6.34 -8.57	77.14 5.38 -25.80	97.70 6.24 -39.41	97.77 6.20 -39.41	117.32 6.07 -59.36	109.46 6.36 -47.74	97.52 8.96 -7.84	83.57 7.11 -0.01	66.96 5.19 -0.01	59.42 5.20 -0.01	46.12 4.04 -0.01	43.48 3.22 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	49.53 3.92 -0.01	45.44 3.68 -0.01	41.06 3.27 -0.19	38.19 3.05 -0.01	38.77 2.97 -0.01	42.59 3.52 0.00	47.95 4.08 0.00	50.84 4.75 0.00	52.66 4.72 -0.25	59.39 5.31 -2.53	60.83 5.73 -3.96	64.25 6.47 -2.47	66.91 6.34 -8.57	77.14 5.38 -25.80	97.70 6.24 -39.41	97.77 6.20 -39.41	117.32 6.07 -59.36	109.46 6.36 -47.74	97.52 8.96 -7.84	83.57 7.11 -0.01	66.96 5.19 -0.01	59.42 5.20 -0.01	46.12 4.04 -0.01	43.48 3.22 -0.01
ASTORIA_GT2_1 24094	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01
ASTORIA_GT2_2 24095	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01
ASTORIA_GT2_3 24096	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01
ASTORIA_GT2_4 24097	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01
ASTORIA_GT3_1 24098	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01
ASTORIA_GT3_2 24099	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01
ASTORIA_GT3_3 24100	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01
ASTORIA_GT3_4 24101	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01
ASTORIA_GT4_1 24102	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01
ASTORIA_GT4_2 24103	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01
ASTORIA_GT4_3 24104	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01

ASTORIA_GT4_4 24105	49.57 3.97 -0.01	45.69 3.93 -0.01	41.14 3.35 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.66 5.57 -2.54	60.94 5.83 -3.96	63.34 6.53 -1.50	66.91 6.34 -8.57	77.19 5.42 -25.80	97.70 6.25 -39.41	97.77 6.21 -39.41	117.39 6.12 -59.37	109.52 6.42 -47.74	97.52 8.96 -7.84	83.64 7.19 -0.01	67.03 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.20 2.94 -0.01
ASTORIA_GT_1 23523	49.66 4.06 -0.01	45.77 4.01 -0.01	41.25 3.46 -0.19	38.37 3.23 -0.01	38.99 3.19 -0.01	42.63 3.56 0.00	47.86 3.99 0.00	50.84 4.75 0.00	52.76 4.82 -0.25	59.81 5.72 -2.54	61.09 5.98 -3.96	63.51 6.69 -1.50	67.06 6.50 -8.57	77.33 5.56 -25.80	97.91 6.45 -39.41	97.93 6.36 -39.41	117.54 6.28 -59.37	109.68 6.59 -47.74	97.84 9.28 -7.84	83.87 7.42 -0.01	67.21 5.44 -0.01	59.58 5.37 -0.01	46.25 4.17 -0.01	43.28 3.02 -0.01
ASTORIA_GT_10 24110	49.47 3.88 0.00	45.60 3.84 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.80 3.01 0.00	42.47 3.40 0.00	47.73 3.86 0.00	50.71 4.61 0.00	52.81 4.86 -0.25	59.60 5.52 -2.54	60.82 5.73 -3.95	64.25 6.47 -2.46	66.74 6.19 -8.56	77.24 5.47 -25.80	97.70 6.25 -39.40	97.87 6.31 -39.40	117.53 6.28 -59.36	109.62 6.53 -47.73	97.67 9.12 -7.83	83.64 7.19 0.00	66.96 5.19 0.00	59.36 5.15 0.00	46.07 4.00 0.00	43.11 2.86 0.00
ASTORIA_GT_11 24225	49.47 3.88 0.00	45.60 3.84 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.80 3.01 0.00	42.47 3.40 0.00	47.73 3.86 0.00	50.71 4.61 0.00	52.81 4.86 -0.25	59.60 5.52 -2.54	60.82 5.73 -3.95	64.25 6.47 -2.46	66.74 6.19 -8.56	77.24 5.47 -25.80	97.70 6.25 -39.40	97.87 6.31 -39.40	117.53 6.28 -59.36	109.62 6.53 -47.73	97.67 9.12 -7.83	83.64 7.19 0.00	66.96 5.19 0.00	59.36 5.15 0.00	46.07 4.00 0.00	43.11 2.86 0.00
ASTORIA_GT_12 24226	49.47 3.88 0.00	45.60 3.84 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.80 3.01 0.00	42.47 3.40 0.00	47.73 3.86 0.00	50.71 4.61 0.00	52.81 4.86 -0.25	59.60 5.52 -2.54	60.82 5.73 -3.95	64.25 6.47 -2.46	66.74 6.19 -8.56	77.24 5.47 -25.80	97.70 6.25 -39.40	97.87 6.31 -39.40	117.53 6.28 -59.36	109.62 6.53 -47.73	97.67 9.12 -7.83	83.64 7.19 0.00	66.96 5.19 0.00	59.36 5.15 0.00	46.07 4.00 0.00	43.11 2.86 0.00
ASTORIA_GT_13 24227	49.47 3.88 0.00	45.60 3.84 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.80 3.01 0.00	42.47 3.40 0.00	47.73 3.86 0.00	50.71 4.61 0.00	52.81 4.86 -0.25	59.60 5.52 -2.54	60.82 5.73 -3.95	64.25 6.47 -2.46	66.74 6.19 -8.56	77.24 5.47 -25.80	97.70 6.25 -39.40	97.87 6.31 -39.40	117.53 6.28 -59.36	109.62 6.53 -47.73	97.67 9.12 -7.83	83.64 7.19 0.00	66.96 5.19 0.00	59.36 5.15 0.00	46.07 4.00 0.00	43.11 2.86 0.00
ASTORIA_GT_5 24106	49.66 4.06 -0.01	45.77 4.01 -0.01	41.25 3.46 -0.19	38.37 3.23 -0.01	38.99 3.19 -0.01	42.63 3.56 0.00	47.86 3.99 0.00	50.84 4.75 0.00	52.76 4.82 -0.25	59.81 5.72 -2.54	61.09 5.98 -3.96	63.51 6.69 -1.50	67.06 6.50 -8.57	77.33 5.56 -25.80	97.91 6.45 -39.41	97.93 6.36 -39.41	117.54 6.28 -59.37	109.68 6.59 -47.74	97.84 9.28 -7.84	83.87 7.42 -0.01	67.21 5.44 -0.01	59.58 5.37 -0.01	46.25 4.17 -0.01	43.28 3.02 -0.01
ASTORIA_GT_7 24107	49.66 4.06 -0.01	45.77 4.01 -0.01	41.25 3.46 -0.19	38.37 3.23 -0.01	38.99 3.19 -0.01	42.63 3.56 0.00	47.86 3.99 0.00	50.84 4.75 0.00	52.76 4.82 -0.25	59.81 5.72 -2.54	61.09 5.98 -3.96	63.51 6.69 -1.50	67.06 6.50 -8.57	77.33 5.56 -25.80	97.91 6.45 -39.41	97.93 6.36 -39.41	117.54 6.28 -59.37	109.68 6.59 -47.74	97.84 9.28 -7.84	83.87 7.42 -0.01	67.21 5.44 -0.01	59.58 5.37 -0.01	46.25 4.17 -0.01	43.28 3.02 -0.01
ASTORIA_GT_8 24108	49.66 4.06 -0.01	45.77 4.01 -0.01	41.25 3.46 -0.19	38.37 3.23 -0.01	38.99 3.19 -0.01	42.63 3.56 0.00	47.86 3.99 0.00	50.84 4.75 0.00	52.76 4.82 -0.25	59.81 5.72 -2.54	61.09 5.98 -3.96	63.51 6.69 -1.50	67.06 6.50 -8.57	77.33 5.56 -25.80	97.91 6.45 -39.41	97.93 6.36 -39.41	117.54 6.28 -59.37	109.68 6.59 -47.74	97.84 9.28 -7.84	83.87 7.42 -0.01	67.21 5.44 -0.01	59.58 5.37 -0.01	46.25 4.17 -0.01	43.28 3.02 -0.01
ASTORIA___2 24149	49.53 3.92 -0.01	45.48 3.72 -0.01	41.06 3.27 -0.19	38.19 3.05 -0.01	38.81 3.01 -0.01	42.63 3.56 0.00	47.95 4.08 0.00	50.84 4.75 0.00	52.71 4.77 -0.25	59.44 5.36 -2.53	60.83 5.73 -3.96	64.25 6.47 -2.47	66.91 6.34 -8.57	77.19 5.42 -25.80	97.75 6.30 -39.41	97.77 6.20 -39.41	117.37 6.12 -59.36	109.52 6.42 -47.75	97.52 8.96 -7.84	83.64 7.18 -0.01	67.02 5.25 -0.01	59.47 5.26 -0.01	46.12 4.04 -0.01	43.48 3.22 -0.01
ASTORIA___3 23516	49.43 3.83 0.00	45.35 3.59 0.00	40.94 3.16 -0.18	38.08 2.95 0.00	38.69 2.90 0.00	42.47 3.40 0.00	47.81 3.95 0.00	50.70 4.61 0.00	52.71 4.77 -0.25	59.55 5.46 -2.54	60.77 5.68 -3.95	64.25 6.47 -2.46	66.74 6.18 -8.56	77.24 5.47 -25.80	97.69 6.24 -39.40	97.87 6.31 -39.40	117.52 6.28 -59.35	109.62 6.53 -47.74	97.67 9.12 -7.83	83.63 7.18 0.00	66.96 5.19 0.00	59.36 5.15 0.00	46.07 4.00 0.00	43.39 3.14 0.00
ASTORIA___4 23517	49.47 3.88 0.00	45.60 3.84 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.80 3.01 0.00	42.47 3.40 0.00	47.73 3.86 0.00	50.71 4.61 0.00	52.81 4.86 -0.25	59.60 5.52 -2.54	60.82 5.73 -3.95	64.25 6.47 -2.46	66.74 6.19 -8.56	77.24 5.47 -25.80	97.70 6.25 -39.40	97.87 6.31 -39.40	117.53 6.28 -59.36	109.62 6.53 -47.73	97.67 9.12 -7.83	83.64 7.19 0.00	66.96 5.19 0.00	59.36 5.15 0.00	46.07 4.00 0.00	43.11 2.86 0.00
ASTORIA___5 23518	49.43 3.83 0.00	45.35 3.59 0.00	40.94 3.16 -0.18	38.08 2.95 0.00	38.69 2.90 0.00	42.47 3.40 0.00	47.81 3.95 0.00	50.70 4.61 0.00	52.71 4.77 -0.25	59.55 5.46 -2.54	60.77 5.68 -3.95	64.25 6.47 -2.46	66.74 6.18 -8.56	77.24 5.47 -25.80	97.69 6.24 -39.40	97.87 6.31 -39.40	117.52 6.28 -59.35	109.62 6.53 -47.74	97.67 9.12 -7.83	83.63 7.18 0.00	66.96 5.19 0.00	59.36 5.15 0.00	46.07 4.00 0.00	43.39 3.14 0.00
AST_ENERGY_2_CC3 323677	49.34 3.74 0.00	45.27 3.51 0.00	40.87 3.08 -0.18	38.01 2.88 0.00	38.59 2.79 0.00	42.39 3.32 0.00	47.73 3.86 0.00	50.57 4.47 0.00	52.67 4.72 -0.25	59.50 5.41 -2.54	60.76 5.63 -3.99	64.28 6.47 -2.49	66.70 6.13 -8.57	77.43 5.65 -25.81	97.91 6.45 -39.41	97.91 6.36 -39.39	97.91 6.33 -39.69	97.91 6.70 -35.86	97.91 9.36 -7.83	84.02 7.57 0.00	67.20 5.44 0.00	59.25 5.04 0.00	45.99 3.91 0.00	43.35 3.10 0.00
AST_ENERGY_2_CC4 323678	49.34 3.74 0.00	45.27 3.51 0.00	40.87 3.08 -0.18	38.01 2.88 0.00	38.59 2.79 0.00	42.39 3.32 0.00	47.73 3.86 0.00	50.57 4.47 0.00	52.67 4.72 -0.25	59.50 5.41 -2.54	60.76 5.63 -3.99	64.28 6.47 -2.49	66.70 6.13 -8.57	77.43 5.65 -25.81	97.91 6.45 -39.41	97.91 6.36 -39.39	97.91 6.33 -39.69	97.91 6.70 -35.86	97.91 9.36 -7.83	84.02 7.57 0.00	67.20 5.44 0.00	59.25 5.04 0.00	45.99 3.91 0.00	43.35 3.10 0.00

ATHENS_STG_1 23668	47.47 1.87 0.00	43.51 1.75 0.00	39.37 1.62 -0.16	36.67 1.54 0.00	37.33 1.54 0.00	40.75 1.68 0.00	45.79 1.93 0.00	48.31 2.21 0.00	50.09 2.29 -0.11	56.36 2.63 -2.18	54.51 2.61 -0.76	58.41 3.10 0.00	54.96 2.96 0.00	51.36 2.71 -2.67	56.84 3.12 -1.67	62.61 3.13 -7.33	60.66 3.06 -5.71	63.81 3.27 -5.19	85.24 4.52 0.00	80.12 3.67 0.00	64.42 2.65 0.00	56.65 2.44 0.00	43.97 1.90 0.00	41.86 1.61 0.00
ATHENS_STG_2 23670	47.47 1.87 0.00	43.51 1.75 0.00	39.37 1.62 -0.16	36.67 1.54 0.00	37.33 1.54 0.00	40.75 1.68 0.00	45.79 1.93 0.00	48.31 2.21 0.00	50.09 2.29 -0.11	56.36 2.63 -2.18	54.51 2.61 -0.76	58.41 3.10 0.00	54.96 2.96 0.00	51.36 2.71 -2.67	56.84 3.12 -1.67	62.61 3.13 -7.33	60.66 3.06 -5.71	63.81 3.27 -5.19	85.24 4.52 0.00	80.12 3.67 0.00	64.42 2.65 0.00	56.65 2.44 0.00	43.97 1.90 0.00	41.86 1.61 0.00
ATHENS_STG_3 23677	47.47 1.87 0.00	43.51 1.75 0.00	39.37 1.62 -0.16	36.67 1.54 0.00	37.33 1.54 0.00	40.75 1.68 0.00	45.79 1.93 0.00	48.31 2.21 0.00	50.09 2.29 -0.11	56.36 2.63 -2.18	54.51 2.61 -0.76	58.41 3.10 0.00	54.96 2.96 0.00	51.36 2.71 -2.67	56.84 3.12 -1.67	62.61 3.13 -7.33	60.66 3.06 -5.71	63.81 3.27 -5.19	85.24 4.52 0.00	80.12 3.67 0.00	64.42 2.65 0.00	56.65 2.44 0.00	43.97 1.90 0.00	41.86 1.61 0.00
AUBURN____LFGE 323710	45.74 0.14 0.00	42.90 0.04 -1.10	38.19 0.00 -0.59	36.03 -0.04 -0.94	40.32 -0.04 -4.56	48.27 0.00 -9.19	54.62 0.18 -10.58	55.39 0.09 -9.21	48.85 0.00 -1.15	48.17 -0.10 3.28	50.20 -0.10 0.85	57.20 -0.17 -2.05	52.75 -0.31 -1.07	46.68 -0.32 -1.03	52.11 -0.42 -0.48	52.94 -0.47 -1.25	53.56 -0.42 -2.08	59.56 -0.28 -4.48	100.14 0.00 -19.43	85.63 0.15 -9.03	65.19 0.25 -3.18	54.92 0.00 -0.71	41.94 -0.29 -0.16	40.05 -0.20 0.00
BABYLON_RES_REC 323704	50.72 5.11 -0.02	46.44 4.68 -0.01	41.73 3.95 -0.18	38.75 3.62 0.00	39.37 3.58 0.00	43.26 4.18 0.00	48.91 5.04 0.00	51.82 5.71 -0.01	57.45 5.96 -3.79	60.06 5.98 -2.53	60.84 6.29 -3.40	72.05 7.30 -9.44	89.67 6.86 -30.81	115.98 6.39 -63.62	158.73 7.34 -99.34	268.16 7.36 -208.64	285.57 7.37 -226.31	285.61 7.92 -222.34	341.41 11.22 -249.48	295.31 9.63 -209.23	239.14 7.16 -170.21	110.23 6.34 -49.68	61.37 4.88 -14.42	52.92 4.19 -8.49
BALL_HILL_WT_PWR 323825	42.24 -3.33 0.03	24.81 -3.51 13.44	22.81 -3.27 11.52	20.36 -3.09 11.68	20.25 -3.01 12.54	22.19 -3.13 13.76	26.32 -3.38 14.17	27.50 -3.36 15.24	33.50 -3.67 10.52	33.77 -3.76 14.02	33.16 -3.89 14.10	31.80 -3.98 19.53	30.18 -3.69 18.12	27.09 -3.26 15.61	24.14 -4.01 23.90	26.85 -4.07 21.24	27.26 -4.25 20.38	30.69 -4.21 20.45	38.17 -5.89 36.66	52.87 -5.66 17.92	48.31 -4.63 8.82	42.81 -3.80 7.60	36.81 -3.37 1.89	36.71 -3.54 0.00
BARON_WINDS____WT_PWR 323822	43.50 -1.96 0.13	0.00 -1.92 39.84	0.00 -1.84 35.76	0.00 -1.72 33.41	0.00 -1.57 34.22	0.00 -1.52 37.55	5.40 -1.67 36.80	0.00 -1.75 44.34	0.00 -1.96 45.74	13.85 -2.22 35.49	24.38 -2.30 24.46	0.00 -2.43 52.88	3.70 -2.29 46.02	30.90 -2.07 13.01	61.59 -2.55 -12.09	58.54 -2.66 -9.04	11.34 -2.64 37.91	1.30 -2.55 51.51	0.00 -3.07 77.65	26.94 -2.83 46.68	38.00 -2.04 21.73	23.99 -1.74 28.48	33.65 -1.77 6.66	38.24 -2.01 0.00
BARRETT_IC_1 23704	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BARRETT_IC_10 23701	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BARRETT_IC_11 23702	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BARRETT_IC_12 23703	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BARRETT_IC_2 23705	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BARRETT_IC_3 23706	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BARRETT_IC_4 23707	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BARRETT_IC_5 23708	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49

BARRETT_IC_6 23709	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BARRETT_IC_7 23710	49.99 4.38 -0.02	46.06 4.30 0.00	41.35 3.57 -0.18	38.43 3.30 0.00	39.02 3.22 0.00	42.79 3.71 0.00	48.25 4.39 0.00	51.07 4.98 0.00	56.68 5.20 -3.79	59.75 5.67 -2.53	60.38 5.83 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.98 -162.45	346.17 6.82 -287.30	267.63 6.83 -208.64	285.01 6.80 -226.32	284.94 7.25 -222.33	340.44 10.25 -249.48	294.24 8.56 -209.23	238.27 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.20 3.46 -8.49
BARRETT_IC_8 23711	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BARRETT_IC_9 23700	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BARRETT___1 23545	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BARRETT___2 23546	49.95 4.33 -0.02	45.86 4.09 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.79 3.71 0.00	48.29 4.43 0.00	51.08 4.98 -0.01	56.68 5.20 -3.79	59.44 5.36 -2.53	60.33 5.78 -3.40	71.61 6.86 -9.44	89.36 6.55 -30.81	214.39 5.97 -162.45	346.17 6.82 -287.30	267.64 6.83 -208.65	285.01 6.80 -226.32	284.95 7.25 -222.35	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.95 4.46 -14.42	52.40 3.66 -8.49
BATAVIA___115KV_TB1 55881	42.80 -2.78 0.02	31.03 -3.13 7.59	28.10 -2.86 6.64	25.77 -2.74 6.62	24.77 -2.72 8.30	25.62 -2.97 10.48	29.51 -3.07 11.29	30.94 -3.32 11.84	37.59 -3.77 6.33	35.52 -4.23 11.81	14.09 -4.35 32.71	16.64 -4.81 33.87	8.35 -4.52 39.13	29.95 -3.86 12.16	21.52 -4.68 25.85	24.63 -4.85 22.67	35.09 -4.67 12.13	37.45 -4.76 13.14	45.01 -6.38 29.33	56.08 -5.96 14.41	49.94 -4.57 7.26	44.83 -4.23 5.15	36.93 -3.74 1.39	37.07 -3.18 0.00
BAYONEEC___CTG1 323682	49.38 3.78 0.00	45.31 3.55 0.00	40.90 3.12 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.77 3.90 0.00	50.66 4.56 0.00	52.76 4.82 -0.25	59.66 5.57 -2.54	60.90 5.68 -4.08	64.40 6.52 -2.56	66.78 6.18 -8.59	77.49 5.70 -25.82	97.98 6.51 -39.42	98.06 6.47 -39.44	117.67 6.38 -59.39	109.88 6.75 -47.77	97.99 9.44 -7.84	84.09 7.64 0.00	67.26 5.50 0.00	59.36 5.15 0.00	46.03 3.95 0.00	43.39 3.14 0.00
BAYONEEC___CTG10 323750	49.38 3.78 0.00	45.31 3.55 0.00	40.90 3.12 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.77 3.90 0.00	50.66 4.56 0.00	52.76 4.82 -0.25	59.66 5.57 -2.54	60.90 5.68 -4.08	64.40 6.52 -2.56	66.78 6.18 -8.59	77.49 5.70 -25.82	97.98 6.51 -39.42	98.06 6.47 -39.44	117.67 6.38 -59.39	109.88 6.75 -47.77	97.99 9.44 -7.84	84.09 7.64 0.00	67.26 5.50 0.00	59.36 5.15 0.00	46.03 3.95 0.00	43.39 3.14 0.00
BAYONEEC___CTG2 323683	49.38 3.78 0.00	45.31 3.55 0.00	40.90 3.12 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.77 3.90 0.00	50.66 4.56 0.00	52.76 4.82 -0.25	59.66 5.57 -2.54	60.90 5.68 -4.08	64.40 6.52 -2.56	66.78 6.18 -8.59	77.49 5.70 -25.82	97.98 6.51 -39.42	98.06 6.47 -39.44	117.67 6.38 -59.39	109.88 6.75 -47.77	97.99 9.44 -7.84	84.09 7.64 0.00	67.26 5.50 0.00	59.36 5.15 0.00	46.03 3.95 0.00	43.39 3.14 0.00
BAYONEEC___CTG3 323684	49.38 3.78 0.00	45.31 3.55 0.00	40.90 3.12 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.77 3.90 0.00	50.66 4.56 0.00	52.76 4.82 -0.25	59.66 5.57 -2.54	60.90 5.68 -4.08	64.40 6.52 -2.56	66.78 6.18 -8.59	77.49 5.70 -25.82	97.98 6.51 -39.42	98.06 6.47 -39.44	117.67 6.38 -59.39	109.88 6.75 -47.77	97.99 9.44 -7.84	84.09 7.64 0.00	67.26 5.50 0.00	59.36 5.15 0.00	46.03 3.95 0.00	43.39 3.14 0.00
BAYONEEC___CTG4 323685	49.38 3.78 0.00	45.31 3.55 0.00	40.90 3.12 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.77 3.90 0.00	50.66 4.56 0.00	52.76 4.82 -0.25	59.66 5.57 -2.54	60.90 5.68 -4.08	64.40 6.52 -2.56	66.78 6.18 -8.59	77.49 5.70 -25.82	97.98 6.51 -39.42	98.06 6.47 -39.44	117.67 6.38 -59.39	109.88 6.75 -47.77	97.99 9.44 -7.84	84.09 7.64 0.00	67.26 5.50 0.00	59.36 5.15 0.00	46.03 3.95 0.00	43.39 3.14 0.00
BAYONEEC___CTG5 323686	49.38 3.78 0.00	45.31 3.55 0.00	40.90 3.12 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.77 3.90 0.00	50.66 4.56 0.00	52.76 4.82 -0.25	59.66 5.57 -2.54	60.90 5.68 -4.08	64.40 6.52 -2.56	66.78 6.18 -8.59	77.49 5.70 -25.82	97.98 6.51 -39.42	98.06 6.47 -39.44	117.67 6.38 -59.39	109.88 6.75 -47.77	97.99 9.44 -7.84	84.09 7.64 0.00	67.26 5.50 0.00	59.36 5.15 0.00	46.03 3.95 0.00	43.39 3.14 0.00
BAYONEEC___CTG6 323687	49.38 3.78 0.00	45.31 3.55 0.00	40.90 3.12 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.77 3.90 0.00	50.66 4.56 0.00	52.76 4.82 -0.25	59.66 5.57 -2.54	60.90 5.68 -4.08	64.40 6.52 -2.56	66.78 6.18 -8.59	77.49 5.70 -25.82	97.98 6.51 -39.42	98.06 6.47 -39.44	117.67 6.38 -59.39	109.88 6.75 -47.77	97.99 9.44 -7.84	84.09 7.64 0.00	67.26 5.50 0.00	59.36 5.15 0.00	46.03 3.95 0.00	43.39 3.14 0.00
BAYONEEC___CTG7 323688	49.38 3.78 0.00	45.31 3.55 0.00	40.90 3.12 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.77 3.90 0.00	50.66 4.56 0.00	52.76 4.82 -0.25	59.66 5.57 -2.54	60.90 5.68 -4.08	64.40 6.52 -2.56	66.78 6.18 -8.59	77.49 5.70 -25.82	97.98 6.51 -39.42	98.06 6.47 -39.44	117.67 6.38 -59.39	109.88 6.75 -47.77	97.99 9.44 -7.84	84.09 7.64 0.00	67.26 5.50 0.00	59.36 5.15 0.00	46.03 3.95 0.00	43.39 3.14 0.00

BAYONEEC___CTG8 323689	49.38 3.78 0.00	45.31 3.55 0.00	40.90 3.12 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.77 3.90 0.00	50.66 4.56 0.00	52.76 4.82 -0.25	59.66 5.57 -2.54	60.90 5.68 -4.08	64.40 6.52 -2.56	66.78 6.18 -8.59	77.49 5.70 -25.82	97.98 6.51 -39.42	98.06 6.47 -39.44	117.67 6.38 -59.39	109.88 6.75 -47.77	97.99 9.44 -7.84	84.09 7.64 0.00	67.26 5.50 0.00	59.36 5.15 0.00	46.03 3.95 0.00	43.39 3.14 0.00
BAYONEEC___CTG9 323749	49.38 3.78 0.00	45.31 3.55 0.00	40.90 3.12 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.77 3.90 0.00	50.66 4.56 0.00	52.76 4.82 -0.25	59.66 5.57 -2.54	60.90 5.68 -4.08	64.40 6.52 -2.56	66.78 6.18 -8.59	77.49 5.70 -25.82	97.98 6.51 -39.42	98.06 6.47 -39.44	117.67 6.38 -59.39	109.88 6.75 -47.77	97.99 9.44 -7.84	84.09 7.64 0.00	67.26 5.50 0.00	59.36 5.15 0.00	46.03 3.95 0.00	43.39 3.14 0.00
BAYPORT_69_KV_BK 2 356364	51.59 5.97 -0.02	47.40 5.64 0.00	42.41 4.62 -0.18	39.45 4.32 0.00	40.05 4.26 0.00	43.96 4.88 0.00	49.66 5.79 0.00	52.64 6.55 0.00	58.40 6.92 -3.79	61.40 7.32 -2.53	61.61 7.06 -3.40	72.55 7.80 -9.44	89.88 7.07 -30.81	110.16 6.76 -57.44	147.43 7.81 -87.58	268.62 7.82 -208.64	286.05 7.84 -226.32	286.16 8.47 -222.33	342.06 11.87 -249.48	296.23 10.55 -209.23	240.19 8.22 -170.21	111.04 7.16 -49.68	62.05 5.55 -14.42	53.36 4.63 -8.49
BEACON___LESR 323632	47.33 1.73 0.00	43.38 1.63 0.00	39.06 1.46 0.00	36.43 1.30 0.00	37.19 1.39 0.00	40.64 1.56 0.00	45.66 1.80 0.00	48.03 1.94 0.00	49.41 1.71 0.00	53.41 1.85 0.00	52.88 1.74 0.00	57.08 1.77 0.00	53.61 1.61 0.00	47.98 1.29 -0.72	53.95 1.46 -0.45	61.52 1.77 -7.59	55.03 1.71 -1.43	58.51 2.16 -1.00	83.78 3.07 0.00	78.97 2.52 0.00	63.62 1.85 0.00	55.83 1.62 0.00	43.46 1.39 0.00	41.50 1.25 0.00
BEAVER RIVER___HYD 24048	44.32 -1.28 0.00	40.46 -1.29 0.00	36.32 -1.28 0.00	33.83 -1.30 0.00	34.54 -1.25 0.00	37.82 -1.25 0.00	42.37 -1.49 0.00	44.71 -1.38 0.00	46.46 -1.34 -0.11	50.14 -1.85 -0.44	49.44 -1.89 -0.19	53.71 -1.94 -0.33	49.35 -2.65 0.00	42.93 -3.04 0.00	49.03 -3.02 0.00	49.19 -3.28 -0.32	48.78 -3.11 0.00	51.87 -3.49 0.00	79.42 -1.29 0.00	75.92 -0.53 0.00	62.08 0.31 0.00	54.15 -0.05 0.00	41.95 -0.13 0.00	40.09 -0.16 0.00
BEEBEE_GT_13 23619	43.96 -1.64 0.00	39.22 -2.09 0.45	34.93 -1.92 0.75	32.84 -1.86 0.43	30.98 -1.86 2.96	30.94 -2.03 6.10	34.65 -2.06 7.15	37.23 -2.21 6.65	43.99 -2.29 1.41	41.65 -2.58 7.32	47.02 -2.61 1.51	52.60 -2.99 -0.28	49.93 -2.91 -0.84	41.80 -2.44 1.73	45.52 -3.07 3.46	46.38 -3.13 2.65	46.55 -3.11 2.23	48.34 -3.21 3.80	57.77 -4.20 18.75	63.27 -3.75 9.44	53.93 -2.78 5.06	49.34 -2.71 2.16	38.99 -2.48 0.60	38.36 -1.89 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.98 4.38 -0.01	46.07 4.30 -0.01	41.44 3.65 -0.19	38.54 3.41 -0.01	39.17 3.36 -0.01	42.91 3.83 -0.01	48.26 4.39 -0.01	51.22 5.12 -0.01	53.39 5.44 -0.26	60.28 6.19 -2.55	61.61 6.39 -4.07	65.11 7.25 -2.55	67.50 6.92 -8.58	77.84 6.07 -25.80	98.32 6.87 -39.40	98.66 7.09 -39.41	118.32 7.06 -59.37	196.07 7.36 -133.35	98.88 10.33 -7.83	84.78 8.33 0.00	67.76 5.99 0.00	60.07 5.85 -0.01	46.58 4.50 -0.01	43.56 3.30 -0.01
BETHLEHEM___GRP 23843	46.56 0.96 0.00	42.84 1.09 0.00	38.58 0.98 0.00	36.01 0.88 0.00	36.72 0.93 0.00	40.09 1.02 0.00	44.92 1.05 0.00	47.20 1.11 0.00	48.55 0.86 0.00	52.38 0.82 0.00	51.96 0.82 0.00	56.26 0.94 0.00	52.88 0.88 0.00	47.36 0.74 -0.65	53.29 0.83 -0.41	60.79 1.04 -7.59	54.27 0.99 -1.39	57.86 1.33 -1.18	82.41 1.70 0.00	77.67 1.22 0.00	62.63 0.86 0.00	54.97 0.76 0.00	42.96 0.88 0.00	40.89 0.64 0.00
BETHLEHEM___GS1 323560	46.60 1.00 0.00	42.72 0.96 0.00	38.50 0.90 0.00	35.94 0.81 0.00	36.65 0.86 0.00	40.01 0.94 0.00	44.92 1.05 0.00	47.20 1.10 0.00	48.55 0.86 0.00	52.58 1.03 0.00	52.07 0.92 0.00	56.25 0.94 0.00	52.88 0.88 0.00	47.36 0.73 -0.65	53.29 0.83 -0.41	60.79 1.04 -7.59	54.12 0.94 -1.29	57.47 1.33 -0.79	82.42 1.70 0.00	77.67 1.22 0.00	62.63 0.86 0.00	54.97 0.76 0.00	42.87 0.80 0.00	40.98 0.73 0.00
BETHLEHEM___GS2 323561	46.60 1.00 0.00	42.72 0.96 0.00	38.50 0.90 0.00	35.94 0.81 0.00	36.65 0.86 0.00	40.01 0.94 0.00	44.92 1.05 0.00	47.20 1.10 0.00	48.55 0.86 0.00	52.58 1.03 0.00	52.07 0.92 0.00	56.25 0.94 0.00	52.88 0.88 0.00	47.36 0.73 -0.65	53.29 0.83 -0.41	60.79 1.04 -7.59	54.12 0.94 -1.29	57.47 1.33 -0.79	82.42 1.70 0.00	77.67 1.22 0.00	62.63 0.86 0.00	54.97 0.76 0.00	42.87 0.80 0.00	40.98 0.73 0.00
BETHLEHEM___GS3 323562	46.60 1.00 0.00	42.72 0.96 0.00	38.50 0.90 0.00	35.94 0.81 0.00	36.65 0.86 0.00	40.01 0.94 0.00	44.92 1.05 0.00	47.20 1.10 0.00	48.55 0.86 0.00	52.58 1.03 0.00	52.07 0.92 0.00	56.25 0.94 0.00	52.88 0.88 0.00	47.36 0.73 -0.65	53.29 0.83 -0.41	60.79 1.04 -7.59	54.12 0.94 -1.29	57.47 1.33 -0.79	82.42 1.70 0.00	77.67 1.22 0.00	62.63 0.86 0.00	54.97 0.76 0.00	42.87 0.80 0.00	40.98 0.73 0.00
BETHLEHEM___STEEL 23779	42.01 -3.56 0.03	24.76 -3.80 13.20	22.83 -3.46 11.31	20.35 -3.30 11.48	20.17 -3.22 12.40	21.90 -3.48 13.70	26.05 -3.64 14.18	27.16 -3.78 15.16	33.16 -4.10 10.43	33.79 -4.33 13.43	32.32 -4.45 14.37	31.21 -4.54 19.57	29.28 -4.26 18.45	26.79 -3.72 15.46	23.66 -4.53 23.86	26.37 -4.59 21.20	27.06 -4.77 20.06	30.26 -4.87 20.23	37.13 -6.94 36.64	51.89 -6.65 17.91	47.52 -5.44 8.82	42.21 -4.45 7.55	36.30 -3.91 1.86	36.35 -3.90 0.00
BETHLHEM_115KV_TB1 79974	46.65 1.05 0.00	42.89 1.13 0.00	38.61 1.02 0.00	36.08 0.95 0.00	36.76 0.97 0.00	40.13 1.06 0.00	45.01 1.14 0.00	47.34 1.24 0.00	48.74 1.05 0.00	52.53 0.98 0.00	52.12 0.97 0.00	56.42 1.11 0.00	53.09 1.09 0.00	47.41 0.92 -0.52	53.41 1.04 -0.32	60.91 1.20 -7.55	54.14 1.14 -1.10	57.72 1.44 -0.93	82.66 1.94 0.00	77.90 1.45 0.00	62.76 0.99 0.00	55.13 0.92 0.00	43.04 0.97 0.00	40.98 0.72 0.00
BETHPAGE_CC_5 323564	50.54 4.93 -0.02	46.32 4.55 -0.01	41.62 3.84 -0.18	38.67 3.55 0.00	39.30 3.51 0.00	43.18 4.10 0.00	48.78 4.91 0.00	51.63 5.53 -0.01	57.25 5.77 -3.79	59.96 5.87 -2.53	60.79 6.24 -3.40	72.00 7.24 -9.44	89.73 6.92 -30.81	115.98 6.39 -63.62	158.73 7.34 -99.34	268.10 7.30 -208.64	285.47 7.26 -226.31	285.50 7.81 -222.34	341.17 10.98 -249.48	295.00 9.32 -209.23	238.83 6.86 -170.21	110.01 6.12 -49.68	61.29 4.79 -14.42	52.76 4.02 -8.49
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.19 -3.37 0.03	25.29 -3.59 12.88	23.30 -3.23 11.06	20.84 -3.09 11.20	20.67 -3.04 12.08	22.51 -3.24 13.33	26.70 -3.38 13.79	27.90 -3.46 14.74	33.59 -3.86 10.24	34.22 -4.02 13.31	32.74 -4.14 14.26	31.95 -4.20 19.16	29.95 -3.90 18.15	27.44 -3.45 15.08	24.50 -4.22 23.33	27.18 -4.28 20.70	27.87 -4.46 19.56	31.15 -4.48 19.72	38.52 -6.46 35.74	52.77 -6.19 17.49	48.01 -5.13 8.63	42.67 -4.12 7.41	36.64 -3.62 1.81	36.43 -3.82 0.00

BINGHAMTON___COGEN 23790	46.15 0.55 0.00	42.56 0.46 -0.34	39.66 0.34 -1.73	35.74 0.28 -0.33	37.58 0.36 -1.43	42.29 0.43 -2.78	47.73 0.57 -3.29	49.31 0.60 -2.62	49.34 0.48 -1.17	73.21 0.57 -21.09	57.74 0.61 -5.98	55.25 0.83 0.89	50.94 0.68 1.74	48.26 0.55 -1.74	54.43 0.62 -1.76	56.13 0.57 -3.40	55.52 0.52 -3.11	58.93 0.72 -2.85	86.99 1.29 -4.98	79.22 0.99 -1.78	62.68 0.80 -0.11	54.37 0.60 0.44	42.14 0.21 0.15	40.17 -0.08 0.00
BIXINCNT_115KV_LOAD 355685	42.10 -3.47 0.03	26.80 -3.38 11.58	24.50 -3.05 10.06	22.08 -2.99 10.06	22.05 -2.97 10.77	24.45 -2.85 11.77	28.95 -2.76 12.16	30.40 -2.63 13.07	35.25 -3.00 9.44	35.24 -2.89 13.43	34.36 -3.02 13.77	34.78 -2.93 17.60	32.36 -2.81 16.83	29.76 -2.67 13.54	27.45 -3.49 21.12	30.01 -3.55 18.60	30.87 -3.53 17.49	34.36 -3.38 17.62	44.10 -4.68 31.94	56.22 -4.51 15.72	50.03 -3.89 7.85	44.46 -2.93 6.82	37.72 -2.69 1.66	36.67 -3.58 0.00
BLACK RIVER___HYD 24047	45.37 -0.23 0.00	41.34 -0.42 0.00	37.11 -0.49 0.00	34.50 -0.63 0.00	35.26 -0.54 0.00	38.68 -0.39 0.00	43.47 -0.40 0.00	45.87 -0.23 0.00	47.52 -0.33 -0.16	51.34 -0.88 -0.67	50.31 -1.13 -0.29	54.88 -0.94 -0.50	50.13 -1.87 0.00	43.49 -2.48 0.00	49.81 -2.24 0.00	49.96 -2.61 -0.40	49.40 -2.49 0.00	52.53 -2.82 0.00	80.32 -0.40 0.00	76.83 0.38 0.00	62.94 1.17 0.00	54.80 0.60 0.00	42.33 0.25 0.00	40.41 0.16 0.00
BLACKRVR_115KV_TB2 79977	45.37 -0.23 0.00	41.30 -0.46 0.00	37.07 -0.53 0.00	34.50 -0.63 0.00	35.22 -0.57 0.00	38.65 -0.43 0.00	43.47 -0.39 0.00	45.87 -0.23 0.00	47.52 -0.33 -0.16	51.34 -0.88 -0.67	50.31 -1.13 -0.29	54.88 -0.94 -0.50	50.13 -1.87 0.00	43.49 -2.48 0.00	49.81 -2.24 0.00	49.95 -2.61 -0.40	49.40 -2.49 0.00	52.53 -2.82 0.00	80.31 -0.40 0.00	76.83 0.38 0.00	62.94 1.17 0.00	54.80 0.60 0.00	42.28 0.21 0.00	40.45 0.20 0.00
BLISS_WT_PWR 323608	41.83 -3.74 0.03	26.55 -3.63 11.58	24.27 -3.27 10.06	21.87 -3.20 10.06	21.84 -3.19 10.77	24.30 -3.01 11.77	28.68 -3.03 12.16	30.26 -2.76 13.07	35.20 -3.05 9.44	35.24 -2.89 13.43	34.36 -3.02 13.77	34.72 -2.99 17.60	32.31 -2.86 16.83	29.67 -2.76 13.54	27.34 -3.59 21.12	29.86 -3.70 18.60	30.71 -3.68 17.50	34.25 -3.49 17.62	44.02 -4.76 31.94	56.15 -4.58 15.72	49.97 -3.95 7.85	44.40 -2.98 6.82	37.77 -2.65 1.66	36.63 -3.62 0.00
BLUESTONE___WT_PWR 323821	48.15 2.55 0.00	44.19 2.21 -0.22	40.31 1.95 -0.76	37.09 1.76 -0.21	38.69 1.86 -1.04	43.33 2.19 -2.07	48.37 2.06 -2.44	50.48 2.44 -1.94	50.65 2.48 -0.48	62.84 2.47 -8.81	56.41 2.30 -2.96	58.52 3.04 -0.16	51.62 2.39 2.78	43.92 1.56 3.61	44.87 2.13 9.32	48.14 1.98 6.00	43.89 1.92 9.92	50.65 2.10 6.81	86.08 4.28 -1.08	81.61 3.82 -1.34	65.02 3.15 -0.10	56.38 2.49 0.32	43.65 1.68 0.11	41.54 1.29 0.00
BLUE_CIRC_CHEM_DRP 24182	47.29 1.69 0.00	43.43 1.67 0.00	39.10 1.50 0.00	36.50 1.37 0.00	37.23 1.43 0.00	40.60 1.52 0.00	45.49 1.62 0.00	47.80 1.71 0.00	49.22 1.53 0.00	52.94 1.39 0.00	52.52 1.38 0.00	56.86 1.55 0.00	53.45 1.46 0.00	47.65 1.33 -0.35	53.83 1.56 -0.22	61.32 1.72 -7.44	54.34 1.71 -0.73	57.91 1.94 -0.62	83.30 2.58 0.00	78.67 2.22 0.00	63.44 1.67 0.00	55.73 1.52 0.00	43.50 1.43 0.00	41.42 1.17 0.00
BOC_GAS_DRP 24189	46.83 1.23 0.00	43.01 1.25 0.00	38.73 1.13 0.00	36.18 1.05 0.00	36.90 1.11 0.00	40.29 1.21 0.00	45.14 1.27 0.00	47.57 1.48 0.00	49.12 1.43 0.00	53.05 1.50 0.00	52.63 1.48 0.00	57.03 1.71 0.00	53.66 1.66 0.00	47.49 1.52 0.00	53.82 1.77 0.00	61.39 1.83 -7.41	53.65 1.76 0.00	57.18 1.83 0.00	83.14 2.42 0.00	78.44 1.99 0.00	63.19 1.42 0.00	55.51 1.30 0.00	43.25 1.18 0.00	41.18 0.93 0.00
BOONVILLE_115KV_TB1 79983	45.69 0.09 0.00	41.67 -0.08 0.00	37.49 -0.11 0.00	34.92 -0.21 0.00	35.62 -0.18 0.00	39.04 -0.04 0.00	43.87 0.00 0.00	46.28 0.18 0.00	48.05 0.29 -0.07	51.89 0.05 -0.29	51.22 -0.05 -0.12	55.75 0.22 -0.22	51.48 -0.52 0.00	44.87 -1.10 0.00	51.22 -0.83 0.00	51.37 -1.10 -0.30	50.80 -1.09 0.00	54.14 -1.22 0.00	81.77 1.05 0.00	77.83 1.38 0.00	63.37 1.61 0.00	55.35 1.14 0.00	42.83 0.76 0.00	40.89 0.64 0.00
BORALEX_4TH_BRANCH 23824	48.11 2.51 0.00	44.18 2.42 0.00	39.78 2.18 0.00	37.17 2.04 0.00	37.87 2.08 0.00	41.42 2.34 0.00	46.54 2.68 0.00	49.00 2.90 0.00	50.55 2.86 0.00	54.70 3.14 0.00	53.96 2.81 0.00	58.41 3.10 0.00	55.27 3.28 0.00	54.82 2.90 -5.96	58.94 3.18 -3.71	63.99 3.34 -8.50	67.83 3.27 -12.67	70.40 3.65 -11.39	85.96 5.25 0.00	81.04 4.59 0.00	65.29 3.52 0.00	57.35 3.14 0.00	44.51 2.44 0.00	42.26 2.01 0.00
BOWLINE___1 23526	48.70 3.10 0.00	44.68 2.92 0.00	40.42 2.63 -0.19	37.59 2.46 0.00	38.16 2.36 0.00	41.93 2.85 0.00	47.11 3.25 0.00	49.78 3.69 0.00	51.67 3.86 -0.12	58.63 4.48 -2.59	56.28 4.65 -0.48	60.45 5.48 0.34	68.81 5.25 -11.57	85.39 4.83 -34.60	114.32 5.57 -56.70	112.71 5.53 -55.03	138.33 5.45 -80.99	125.51 5.86 -64.29	100.70 8.24 -11.74	83.18 6.73 0.00	66.65 4.88 0.00	58.49 4.28 0.00	45.44 3.37 0.00	42.95 2.70 0.00
BOWLINE___2 23595	48.79 3.19 0.00	44.72 2.97 0.00	40.42 2.63 -0.19	37.59 2.46 0.00	38.19 2.40 0.00	41.93 2.85 0.00	47.16 3.29 0.00	49.88 3.78 0.00	51.77 3.96 -0.12	58.68 4.54 -2.59	56.38 4.76 -0.48	60.50 5.53 0.34	68.87 5.36 -11.51	85.36 4.92 -34.47	114.13 5.62 -56.46	112.60 5.63 -54.81	138.12 5.55 -80.68	125.39 5.98 -64.06	100.72 8.32 -11.69	83.25 6.80 0.00	66.71 4.94 0.00	58.55 4.34 0.00	45.48 3.41 0.00	42.95 2.70 0.00
BRADY___115KV_TB2 356060	45.05 -0.55 0.00	41.22 -0.54 0.00	37.07 -0.53 0.00	34.60 -0.53 0.00	35.22 -0.57 0.00	38.49 -0.59 0.00	42.99 -0.88 0.00	45.17 -0.92 0.00	46.79 -0.91 0.00	50.32 -1.24 0.00	49.87 -1.28 0.00	53.54 -1.77 0.00	50.33 -1.66 0.00	44.41 -1.56 0.00	50.33 -1.72 0.00	50.33 -1.83 0.00	50.33 -1.56 0.00	53.42 -1.94 0.00	78.78 -1.94 0.00	75.30 -1.15 0.00	61.34 -0.43 0.00	53.72 -0.49 0.00	41.78 -0.29 0.00	40.09 -0.16 0.00
BRANSCOMB___SOLAR 323811	48.24 2.64 0.00	44.18 2.42 0.00	39.78 2.18 0.00	37.02 1.90 0.00	37.83 2.04 0.00	41.42 2.34 0.00	46.45 2.59 0.00	48.72 2.63 0.00	50.12 2.43 0.00	54.08 2.53 0.00	53.55 2.40 0.00	57.97 2.66 0.00	54.23 2.23 0.00	48.76 1.84 -0.95	54.67 2.03 -0.59	62.37 2.40 -7.81	56.07 2.34 -1.84	59.60 2.71 -1.53	85.32 4.60 0.00	80.50 4.05 0.00	64.98 3.21 0.00	57.08 2.87 0.00	44.13 2.06 0.00	42.14 1.89 0.00
BRDGHMPT_69_KV_BK1 55812	51.08 5.47 -0.02	46.98 5.22 0.00	41.99 4.21 -0.18	39.06 3.93 0.00	39.66 3.87 0.00	43.49 4.42 0.00	49.13 5.26 0.00	52.36 6.27 0.00	58.16 6.68 -3.79	61.14 7.06 -2.53	61.25 6.70 -3.40	71.94 7.19 -9.44	89.26 6.45 -30.81	108.80 6.25 -56.58	145.28 7.29 -85.95	268.10 7.30 -208.64	285.53 7.32 -226.32	285.33 7.64 -222.33	340.93 10.74 -249.48	295.69 10.01 -209.23	240.44 8.46 -170.21	111.15 7.26 -49.68	61.71 5.22 -14.42	53.00 4.27 -8.49

BRENTWOD_69_KV_W. BRTWOOD 56703	51.13 5.52 -0.02	46.98 5.22 0.00	42.11 4.32 -0.18	39.13 4.00 0.00	39.73 3.94 0.00	43.61 4.53 0.00	49.22 5.35 0.00	52.18 6.08 0.00	57.88 6.39 -3.79	60.83 6.75 -2.53	61.09 6.55 -3.40	72.05 7.30 -9.44	89.47 6.66 -30.81	109.90 6.25 -57.68	147.32 7.23 -88.03	268.00 7.20 -208.64	285.43 7.21 -226.32	285.44 7.75 -222.33	341.09 10.90 -249.48	295.08 9.40 -209.23	239.14 7.17 -170.21	110.12 6.23 -49.68	61.59 5.09 -14.42	52.96 4.23 -8.49
BRISTLHL_115KV_TB1 79998	44.78 -0.82 0.00	40.92 -0.84 0.00	36.68 -0.75 0.17	34.43 -0.70 0.00	35.08 -0.72 0.00	38.25 -0.82 0.00	42.99 -0.88 0.00	45.60 -1.01 -0.52	47.85 -1.10 -1.25	50.89 -1.19 -0.52	51.29 -1.18 -1.32	57.00 -1.27 -2.96	52.18 -1.30 -1.48	45.91 -1.15 -1.09	52.40 -1.35 -1.70	53.02 -1.36 -2.22	52.30 -1.40 -1.82	56.06 -1.44 -2.14	82.63 -1.86 -3.77	77.34 -1.68 -2.57	62.68 -1.30 -2.21	54.46 -1.30 -1.55	41.33 -1.18 -0.43	39.32 -0.93 0.00
BROOKHAVEN___DRP 24191	51.27 5.65 -0.02	47.14 5.39 0.00	42.18 4.40 -0.18	39.24 4.11 0.00	39.84 4.04 0.00	43.69 4.61 0.00	49.35 5.48 0.00	52.36 6.27 0.00	58.02 6.53 -3.79	60.99 6.91 -2.53	61.09 6.55 -3.40	71.78 7.03 -9.44	89.05 6.24 -30.81	108.54 6.02 -56.55	144.92 6.97 -85.90	267.79 6.99 -208.64	285.27 7.06 -226.32	285.27 7.58 -222.33	340.77 10.57 -249.48	295.16 9.48 -209.23	239.76 7.78 -170.21	110.72 6.83 -49.68	61.75 5.26 -14.42	53.12 4.39 -8.49
BROOKLYN_NAVY_YARD 23515	49.43 3.83 0.00	45.35 3.59 0.00	40.94 3.16 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.47 3.40 0.00	47.81 3.95 0.00	50.75 4.65 0.00	52.91 4.96 -0.25	59.71 5.62 -2.54	60.75 5.53 -4.08	64.23 6.36 -2.56	66.67 6.08 -8.59	77.58 5.79 -25.82	98.14 6.66 -39.42	98.11 6.52 -39.44	117.67 6.38 -59.39	109.88 6.75 -47.77	98.32 9.76 -7.84	84.33 7.88 0.00	67.39 5.62 0.00	59.41 5.20 0.00	46.11 4.04 0.00	43.43 3.18 0.00
BROOKLYN___ARMY_DRP 323595	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
BROOME_2_LFGE 323671	46.15 0.55 0.00	42.52 0.42 -0.34	39.66 0.34 -1.73	35.73 0.28 -0.33	37.58 0.36 -1.43	42.29 0.43 -2.78	47.68 0.53 -3.29	49.31 0.60 -2.62	49.34 0.48 -1.17	73.21 0.57 -21.09	57.74 0.62 -5.98	55.25 0.83 0.89	50.99 0.73 1.74	48.26 0.55 -1.74	54.44 0.63 -1.76	56.13 0.57 -3.40	55.52 0.52 -3.11	58.93 0.72 -2.85	86.99 1.29 -4.98	79.22 0.99 -1.78	62.68 0.80 -0.11	54.37 0.60 0.44	42.18 0.25 0.15	40.21 -0.04 0.00
BROOME___LFGE 323600	46.15 0.55 0.00	42.52 0.42 -0.34	39.66 0.34 -1.73	35.73 0.28 -0.33	37.58 0.36 -1.43	42.29 0.43 -2.78	47.68 0.53 -3.29	49.31 0.60 -2.62	49.34 0.48 -1.17	73.21 0.57 -21.09	57.74 0.62 -5.98	55.25 0.83 0.89	50.99 0.73 1.74	48.26 0.55 -1.74	54.44 0.63 -1.76	56.13 0.57 -3.40	55.52 0.52 -3.11	58.93 0.72 -2.85	86.99 1.29 -4.98	79.22 0.99 -1.78	62.68 0.80 -0.11	54.37 0.60 0.44	42.18 0.25 0.15	40.21 -0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	43.77 -1.82 0.00	39.96 -1.80 0.00	35.95 -1.65 0.00	33.51 -1.62 0.00	34.15 -1.65 0.00	37.32 -1.76 0.00	41.58 -2.28 0.00	43.79 -2.30 0.00	45.48 -2.29 -0.08	49.14 -2.73 -0.32	48.47 -2.81 -0.14	52.46 -3.10 -0.24	48.51 -3.48 0.00	42.43 -3.54 0.00	48.30 -3.75 0.00	48.43 -3.96 -0.24	48.15 -3.74 0.00	51.15 -4.21 0.00	77.25 -3.47 0.00	73.85 -2.60 0.00	60.53 -1.24 0.00	52.85 -1.36 0.00	40.98 -1.09 0.00	39.36 -0.89 0.00
BROWNSV1_27_KV_LOAD 356125	49.88 4.29 0.00	45.98 4.22 0.00	41.32 3.53 -0.18	38.43 3.30 0.00	39.05 3.26 0.00	42.83 3.75 0.00	48.12 4.25 0.00	51.12 5.02 0.00	53.24 5.29 -0.25	60.28 6.19 -2.54	61.51 6.29 -4.08	65.07 7.19 -2.56	67.40 6.81 -8.59	78.09 6.30 -25.82	98.71 7.23 -39.42	98.74 7.15 -39.44	118.40 7.11 -59.40	110.65 7.53 -47.77	99.21 10.65 -7.84	85.16 8.72 0.00	68.07 6.30 0.00	59.95 5.75 0.00	46.49 4.42 0.00	43.47 3.22 0.00
BURROWS___LYONSDAL 23803	45.23 -0.36 0.00	41.26 -0.50 0.00	37.07 -0.53 0.00	34.53 -0.60 0.00	35.26 -0.54 0.00	38.65 -0.43 0.00	43.38 -0.48 0.00	45.77 -0.32 0.00	47.53 -0.24 -0.08	51.40 -0.46 -0.32	50.72 -0.56 -0.14	55.22 -0.33 -0.24	50.85 -1.14 0.00	44.31 -1.65 0.00	50.59 -1.46 0.00	50.74 -1.72 -0.31	50.23 -1.66 0.00	53.47 -1.88 0.00	81.28 0.57 0.00	77.37 0.92 0.00	63.06 1.30 0.00	55.13 0.92 0.00	42.62 0.55 0.00	40.73 0.48 0.00
CAITHNESS_CC_1 323624	51.13 5.52 -0.02	46.82 5.05 -0.01	42.03 4.25 -0.18	39.03 3.90 0.00	39.66 3.87 0.00	43.57 4.49 0.00	49.30 5.44 0.00	52.23 6.13 -0.01	57.92 6.44 -3.79	60.37 6.29 -2.53	60.99 6.44 -3.40	71.72 6.97 -9.44	89.10 6.29 -30.81	108.52 6.02 -56.53	144.83 6.92 -85.85	267.79 6.99 -208.64	285.21 7.00 -226.31	285.22 7.53 -222.34	340.76 10.57 -249.48	295.08 9.40 -209.23	239.51 7.53 -170.21	110.50 6.61 -49.68	61.63 5.13 -14.42	53.24 4.51 -8.49
CALPINE BETH_PAGE_GT4 24209	50.58 4.97 -0.02	46.52 4.76 0.00	41.69 3.91 -0.18	38.78 3.65 0.00	39.37 3.58 0.00	43.18 4.10 0.00	48.73 4.87 0.00	51.67 5.58 0.00	57.21 5.72 -3.79	60.27 6.19 -2.53	60.79 6.24 -3.40	71.89 7.14 -9.44	89.62 6.81 -30.81	120.90 6.25 -68.67	168.18 7.18 -108.95	267.94 7.15 -208.64	285.37 7.16 -226.32	285.33 7.64 -222.33	340.93 10.74 -249.48	294.77 9.10 -209.23	238.64 6.67 -170.21	109.85 5.96 -49.68	61.25 4.75 -14.42	52.48 3.74 -8.49
CALPINE_BETH_PAGE_GT_4 323586	50.54 4.93 -0.02	46.28 4.51 -0.01	41.62 3.84 -0.18	38.67 3.55 0.00	39.27 3.47 0.00	43.14 4.06 0.00	48.78 4.91 0.00	51.54 5.44 -0.01	57.21 5.72 -3.79	59.90 5.82 -2.53	60.73 6.19 -3.40	71.89 7.14 -9.44	89.62 6.81 -30.81	120.89 6.25 -68.67	168.19 7.19 -108.95	267.95 7.15 -208.64	285.31 7.11 -226.31	285.34 7.64 -222.34	340.93 10.74 -249.48	294.77 9.09 -209.23	238.65 6.67 -170.21	109.85 5.96 -49.68	61.25 4.75 -14.42	52.72 3.99 -8.49
CALPINE_BP_GT1 23823	50.54 4.93 -0.02	46.28 4.51 -0.01	41.62 3.84 -0.18	38.67 3.55 0.00	39.27 3.47 0.00	43.14 4.06 0.00	48.78 4.91 0.00	51.54 5.44 -0.01	57.21 5.72 -3.79	59.90 5.82 -2.53	60.73 6.19 -3.40	71.89 7.14 -9.44	89.62 6.81 -30.81	120.89 6.25 -68.67	168.19 7.19 -108.95	267.95 7.15 -208.64	285.31 7.11 -226.31	285.34 7.64 -222.34	340.93 10.74 -249.48	294.77 9.09 -209.23	238.65 6.67 -170.21	109.85 5.96 -49.68	61.25 4.75 -14.42	52.72 3.99 -8.49
CALSPAN___DRP 24200	42.01 -3.56 0.03	24.76 -3.80 13.20	22.83 -3.46 11.31	20.35 -3.30 11.48	20.17 -3.22 12.40	21.90 -3.48 13.70	26.05 -3.64 14.18	27.16 -3.78 15.16	33.16 -4.10 10.43	33.79 -4.33 13.43	32.32 -4.45 14.37	31.21 -4.54 19.57	29.28 -4.26 18.45	26.79 -3.72 15.46	23.66 -4.53 23.86	26.37 -4.59 21.20	27.06 -4.77 20.06	30.26 -4.87 20.23	37.13 -6.94 36.64	51.89 -6.65 17.91	47.52 -5.44 8.82	42.21 -4.45 7.55	36.30 -3.91 1.86	36.35 -3.90 0.00

CALVERTON___SOLAR 323806	51.31 5.70 -0.02	46.99 5.22 -0.01	42.18 4.40 -0.18	39.17 4.04 0.00	39.80 4.01 0.00	43.72 4.65 0.00	49.48 5.62 0.00	52.47 6.36 -0.01	58.11 6.63 -3.79	60.58 6.50 -2.53	61.10 6.55 -3.40	71.78 7.03 -9.44	89.05 6.24 -30.81	108.55 6.02 -56.56	144.94 6.98 -85.91	267.84 7.04 -208.64	285.26 7.06 -226.31	285.34 7.64 -222.34	340.85 10.65 -249.48	295.31 9.63 -209.23	240.00 8.03 -170.21	110.93 7.04 -49.68	61.84 5.34 -14.42	53.44 4.71 -8.49
CANDIGU_WT_PWR 323617	43.50 -1.96 0.13	0.00 -1.92 39.84	0.00 -1.84 35.76	0.00 -1.72 33.41	0.00 -1.57 34.22	0.00 -1.52 37.55	5.40 -1.67 36.80	0.00 -1.75 44.34	0.00 -1.96 45.74	13.85 -2.22 35.49	24.38 -2.30 24.46	0.00 -2.43 52.88	3.70 -2.29 46.02	30.90 -2.07 13.01	61.59 -2.55 -12.09	58.54 -2.66 -9.04	11.34 -2.64 37.91	1.30 -2.55 51.51	0.00 -3.07 77.65	26.94 -2.83 46.68	38.00 -2.04 21.73	23.99 -1.74 28.48	33.65 -1.77 6.66	38.24 -2.01 0.00
CARR STREET_E_SYR 24060	45.33 -0.27 0.00	41.47 -0.29 0.00	37.11 -0.30 0.19	34.85 -0.28 0.00	35.51 -0.29 0.00	38.76 -0.31 0.00	43.51 -0.35 0.00	45.35 -0.46 0.29	46.76 -0.48 0.46	48.71 -0.52 2.32	49.34 -0.51 1.29	54.55 -0.50 0.26	50.61 -0.57 0.82	45.32 -0.50 0.15	50.77 -0.62 0.66	51.31 -0.68 0.17	51.03 -0.73 0.14	54.26 -0.72 0.37	77.66 -0.81 2.25	74.15 -0.76 1.53	59.89 -0.56 1.32	52.63 -0.65 0.92	41.19 -0.63 0.26	39.69 -0.56 0.00
CARTHAGE___PAPER 23857	44.73 -0.87 0.00	40.76 -1.00 0.00	36.62 -0.98 0.00	34.07 -1.05 0.00	34.79 -1.00 0.00	38.18 -0.90 0.00	42.86 -1.01 0.00	45.22 -0.88 0.00	46.88 -0.95 -0.14	50.64 -1.50 -0.58	49.76 -1.64 -0.25	54.15 -1.61 -0.44	49.55 -2.44 0.00	43.12 -2.85 0.00	49.29 -2.76 0.00	49.45 -3.08 -0.37	49.04 -2.85 0.00	52.14 -3.21 0.00	79.75 -0.97 0.00	76.30 -0.15 0.00	62.45 0.68 0.00	54.43 0.22 0.00	42.07 0.00 0.00	40.21 -0.04 0.00
CASSADAGA_WT_PWR 323784	42.19 -3.37 0.03	25.92 -3.59 12.25	23.63 -3.38 10.59	21.25 -3.23 10.64	21.29 -3.11 11.39	23.69 -2.93 12.46	28.26 -2.76 12.84	29.77 -2.49 13.83	35.10 -2.77 9.83	35.15 -2.63 13.77	34.49 -2.81 13.84	34.39 -2.65 18.27	32.23 -2.55 17.23	29.30 -2.39 14.27	26.70 -3.28 22.08	29.26 -3.39 19.51	29.78 -3.58 18.53	33.58 -3.15 18.62	42.88 -4.28 33.56	56.23 -3.74 16.47	50.44 -3.15 8.18	44.62 -2.49 7.10	37.93 -2.40 1.75	37.39 -2.86 0.00
CE_DUNWOOD___DRP 24194	49.15 3.56 0.00	45.22 3.47 0.00	40.75 2.97 -0.18	37.90 2.78 0.00	38.51 2.72 0.00	42.20 3.13 0.00	47.42 3.55 0.00	50.24 4.15 0.00	52.18 4.39 -0.10	59.15 5.10 -2.50	56.61 5.27 -0.20	60.81 6.03 0.54	65.75 5.82 -7.93	77.68 5.42 -26.29	99.02 6.19 -40.78	99.01 6.21 -40.65	119.12 6.12 -61.11	110.96 6.53 -49.07	97.90 9.04 -8.14	83.86 7.42 0.00	67.20 5.44 0.00	58.98 4.77 0.00	45.73 3.66 0.00	42.95 2.70 0.00
CE_MILLWOOD___DRP 24193	49.02 3.42 0.00	45.14 3.38 0.00	40.64 2.86 -0.18	37.80 2.67 0.00	38.41 2.61 0.00	42.12 3.05 0.00	47.29 3.42 0.00	50.11 4.01 0.00	52.00 4.20 -0.11	58.96 4.90 -2.51	56.55 5.06 -0.34	60.75 5.86 0.43	66.07 5.62 -8.46	78.61 5.19 -27.45	101.02 5.99 -42.98	100.74 5.95 -42.63	121.68 5.92 -63.88	112.86 6.31 -51.19	98.07 8.72 -8.64	83.64 7.19 0.00	67.02 5.25 0.00	58.82 4.61 0.00	45.61 3.53 0.00	42.87 2.62 0.00
CE_NYC2_DRP 24202	49.47 3.88 0.00	45.60 3.84 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.80 3.01 0.00	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.86 4.91 -0.25	59.71 5.62 -2.54	60.88 5.78 -3.95	64.36 6.58 -2.46	66.80 6.24 -8.56	77.33 5.56 -25.80	97.80 6.35 -39.40	97.97 6.42 -39.40	117.58 6.33 -59.36	109.67 6.59 -47.73	97.75 9.20 -7.83	83.79 7.34 0.00	67.08 5.31 0.00	59.41 5.20 0.00	46.07 4.00 0.00	43.15 2.90 0.00
CE_NYC_DRP 24195	49.52 3.92 0.00	45.64 3.88 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.77 2.97 0.00	42.51 3.44 0.00	47.77 3.90 0.00	50.75 4.66 0.00	52.86 4.91 -0.26	59.81 5.72 -2.54	61.12 5.88 -4.10	64.64 6.75 -2.58	66.99 6.40 -8.60	77.72 5.93 -25.82	98.24 6.77 -39.43	98.28 6.68 -39.44	118.74 6.64 -60.21	110.58 6.97 -48.25	98.32 9.77 -7.84	84.40 7.95 0.00	67.45 5.68 0.00	59.47 5.26 0.00	46.15 4.08 0.00	43.19 2.94 0.00
CHAFFEE___LFGE 323603	42.28 -3.28 0.03	25.85 -3.51 12.40	23.68 -3.23 10.69	21.29 -3.06 10.78	21.19 -3.01 11.59	23.17 -3.16 12.74	27.22 -3.47 13.18	28.56 -3.41 14.13	33.93 -3.82 9.94	34.12 -3.97 13.46	32.98 -4.09 14.07	32.51 -4.21 18.60	30.40 -3.95 17.65	28.01 -3.45 14.51	25.33 -4.21 22.50	27.97 -4.28 19.91	28.63 -4.46 18.80	31.88 -4.54 18.94	39.95 -6.46 34.31	53.51 -6.12 16.82	48.37 -5.06 8.34	42.95 -4.07 7.19	36.78 -3.53 1.76	36.51 -3.74 0.00
CHATEAUG_35_KV_LOAD 355732	44.32 -1.28 0.00	40.63 -1.13 0.00	36.58 -1.02 0.00	34.18 -0.95 0.00	34.79 -1.00 0.00	37.98 -1.09 0.00	42.86 -1.01 0.00	45.08 -1.01 0.00	46.79 -0.91 0.00	50.47 -1.08 0.00	50.02 -1.13 0.00	53.82 -1.49 0.00	50.59 -1.40 0.00	44.68 -1.29 0.00	50.59 -1.46 0.00	50.70 -1.46 0.00	50.65 -1.25 0.00	53.97 -1.38 0.00	78.94 -1.78 0.00	75.30 -1.15 0.00	61.03 -0.74 0.00	53.56 -0.65 0.00	41.65 -0.42 0.00	39.93 -0.32 0.00
CHATEAUG_WT_PWR 323614	44.41 -1.19 0.00	40.67 -1.09 0.00	36.66 -0.94 0.00	34.25 -0.88 0.00	34.86 -0.93 0.00	38.06 -1.02 0.00	42.86 -1.01 0.00	45.13 -0.97 0.00	46.88 -0.81 0.00	50.52 -1.03 0.00	50.22 -0.92 0.00	53.99 -1.33 0.00	50.75 -1.25 0.00	44.82 -1.15 0.00	50.70 -1.35 0.00	50.75 -1.41 0.00	50.75 -1.14 0.00	54.03 -1.33 0.00	79.02 -1.70 0.00	75.38 -1.07 0.00	61.09 -0.68 0.00	53.61 -0.60 0.00	41.74 -0.34 0.00	39.97 -0.28 0.00
CHAT_HIGH_FALL_HYD 323578	44.32 -1.28 0.00	40.63 -1.13 0.00	36.58 -1.02 0.00	34.18 -0.95 0.00	34.79 -1.00 0.00	37.98 -1.09 0.00	42.86 -1.01 0.00	45.08 -1.01 0.00	46.79 -0.91 0.00	50.47 -1.08 0.00	50.02 -1.13 0.00	53.82 -1.49 0.00	50.59 -1.40 0.00	44.68 -1.29 0.00	50.59 -1.46 0.00	50.70 -1.46 0.00	50.65 -1.25 0.00	53.97 -1.38 0.00	78.94 -1.78 0.00	75.30 -1.15 0.00	61.03 -0.74 0.00	53.56 -0.65 0.00	41.65 -0.42 0.00	39.93 -0.32 0.00
CHAUTAUQUA___LFGE 323629	42.37 -3.19 0.03	25.48 -3.47 12.81	23.34 -3.23 11.03	20.94 -3.06 11.14	20.88 -2.97 11.95	23.05 -2.93 13.10	27.33 -3.03 13.51	28.67 -2.90 14.53	34.33 -3.19 10.16	34.51 -3.20 13.85	33.82 -3.32 14.00	33.03 -3.38 18.91	31.17 -3.12 17.71	28.24 -2.81 14.92	25.48 -3.59 22.98	28.14 -3.65 20.37	28.63 -3.84 19.42	32.19 -3.66 19.51	40.53 -5.08 35.10	54.59 -4.67 17.19	49.44 -3.83 8.50	43.72 -3.15 7.34	37.35 -2.90 1.82	37.15 -3.10 0.00
CHERRYST_13_KV_LD 356241	49.70 4.10 0.00	45.81 4.05 0.00	41.20 3.42 -0.18	38.32 3.20 0.00	38.91 3.11 0.00	42.67 3.59 0.00	47.99 4.12 0.00	50.98 4.89 0.00	53.10 5.15 -0.26	60.12 6.03 -2.54	61.43 6.19 -4.10	64.97 7.08 -2.58	67.31 6.71 -8.60	78.00 6.21 -25.82	98.55 7.08 -39.43	98.64 7.04 -39.44	119.05 6.95 -60.21	110.97 7.36 -48.25	98.81 10.25 -7.84	84.78 8.33 0.00	67.76 5.99 0.00	59.68 5.47 0.00	46.32 4.25 0.00	43.35 3.10 0.00

CHESTROR_138KV_BK263 355645	48.56 2.96 0.00	44.68 2.92 0.00	40.28 2.48 -0.20	37.48 2.35 0.00	38.08 2.29 0.00	41.73 2.66 0.00	46.85 2.98 0.00	49.55 3.46 0.00	51.40 3.58 -0.13	58.46 4.18 -2.73	56.13 4.30 -0.69	60.08 4.98 0.21	128.33 4.78 -71.55	228.61 4.37 -178.27	383.64 5.00 -326.59	355.76 5.01 -298.60	481.02 4.98 -424.15	388.94 5.37 -328.22	160.38 7.51 -72.15	82.64 6.19 0.00	66.28 4.51 0.00	58.16 3.96 0.00	45.14 3.07 0.00	42.46 2.21 0.00
CH_MIDHUDSON___DRP 24192	48.84 3.24 0.00	44.89 3.13 0.00	40.48 2.71 -0.17	37.66 2.53 0.00	38.26 2.47 0.00	41.93 2.85 0.00	47.07 3.20 0.00	49.78 3.69 0.00	51.68 3.86 -0.12	58.44 4.49 -2.40	56.59 4.60 -0.84	60.63 5.31 0.00	60.84 5.10 -3.74	66.63 4.64 -16.02	78.61 5.31 -21.25	80.57 5.32 -23.09	93.62 5.29 -36.44	91.25 5.76 -30.14	92.28 7.99 -3.57	83.02 6.57 0.00	66.59 4.82 0.00	58.44 4.23 0.00	45.36 3.28 0.00	42.67 2.42 0.00
CH_MISC_IPPS 23765	49.20 3.60 0.00	45.06 3.30 0.00	40.68 2.90 -0.18	37.83 2.71 0.00	38.41 2.61 0.00	42.16 3.09 0.00	47.46 3.60 0.00	50.10 4.01 0.00	51.97 4.15 -0.13	58.79 4.74 -2.50	56.93 4.91 -0.87	61.07 5.75 0.00	62.99 5.51 -5.49	70.74 4.97 -19.80	86.57 5.67 -28.85	87.89 5.74 -30.00	103.18 5.71 -45.58	98.61 6.20 -37.06	94.89 8.72 -5.45	83.63 7.18 0.00	67.14 5.37 0.00	58.81 4.61 0.00	45.61 3.53 0.00	43.11 2.86 0.00
CH_RES_BVR_FALLS 23983	45.14 -0.46 0.00	41.34 -0.42 0.00	37.22 -0.38 0.00	34.78 -0.35 0.00	35.44 -0.36 0.00	38.68 -0.39 0.00	43.47 -0.40 0.00	45.73 -0.37 0.00	47.36 -0.33 0.00	51.14 -0.41 0.00	50.73 -0.41 0.00	54.82 -0.50 0.00	51.53 -0.47 0.00	45.55 -0.41 0.00	51.58 -0.47 0.00	51.69 -0.47 0.00	51.47 -0.42 0.00	54.86 -0.50 0.00	80.07 -0.65 0.00	75.92 -0.53 0.00	61.40 -0.37 0.00	53.94 -0.27 0.00	41.91 -0.17 0.00	40.09 -0.16 0.00
CH_RES_NIAGARA 23895	40.86 -4.70 0.04	26.37 -4.84 10.54	24.18 -4.36 9.05	21.79 -4.15 9.19	21.35 -4.12 10.33	22.71 -4.53 11.83	26.12 -5.00 12.75	26.85 -5.30 13.94	29.93 -6.01 11.75	29.83 -6.44 15.28	29.17 -6.44 15.53	28.67 -6.64 20.01	26.53 -6.29 19.18	27.54 -5.29 13.14	24.21 -6.14 21.70	26.78 -6.21 19.18	29.34 -6.23 16.32	31.92 -6.53 16.90	38.25 -9.44 33.03	50.93 -9.10 16.43	46.41 -7.29 8.07	39.87 -6.40 7.94	34.85 -5.39 1.83	35.60 -4.63 0.02
CH_RES_SYRACUSE 23985	45.69 0.09 0.00	41.84 0.08 0.00	37.36 0.00 0.24	35.13 0.00 0.00	36.92 0.00 -1.13	41.59 -0.04 -2.55	46.81 -0.04 -2.99	48.46 -0.14 -2.50	47.62 -0.19 -0.11	49.26 -0.21 2.08	50.36 -0.15 0.63	56.03 -0.17 -0.88	51.74 -0.26 0.00	46.08 -0.23 -0.34	51.90 -0.36 -0.21	52.53 -0.42 -0.79	52.16 -0.42 -0.69	56.31 -0.38 -1.34	85.79 -0.32 -5.39	78.66 -0.23 -2.44	62.47 -0.12 -0.83	53.94 -0.27 0.00	41.69 -0.38 0.00	39.93 -0.32 0.00
CLINTON_WT_PWR 323605	44.41 -1.19 0.00	40.67 -1.09 0.00	36.66 -0.94 0.00	34.25 -0.88 0.00	34.86 -0.93 0.00	38.06 -1.02 0.00	42.86 -1.01 0.00	45.13 -0.97 0.00	46.88 -0.81 0.00	50.52 -1.03 0.00	50.22 -0.92 0.00	53.99 -1.33 0.00	50.75 -1.25 0.00	44.82 -1.15 0.00	50.70 -1.35 0.00	50.75 -1.41 0.00	50.75 -1.14 0.00	54.03 -1.33 0.00	79.02 -1.70 0.00	75.38 -1.07 0.00	61.09 -0.68 0.00	53.61 -0.60 0.00	41.74 -0.34 0.00	39.97 -0.28 0.00
CLINTON___LFGE 323618	45.33 -0.27 0.00	41.47 -0.29 0.00	37.30 -0.30 0.00	34.92 -0.21 0.00	35.51 -0.29 0.00	38.80 -0.27 0.00	43.73 -0.13 0.00	46.05 -0.05 0.00	47.93 0.24 0.00	51.45 -0.10 0.00	51.25 0.10 0.00	55.04 -0.28 0.00	51.69 -0.31 0.00	45.65 -0.32 0.00	51.63 -0.42 0.00	51.64 -0.52 0.00	51.79 -0.10 0.00	55.08 -0.28 0.00	80.72 0.00 0.00	77.14 0.69 0.00	62.57 0.80 0.00	54.75 0.54 0.00	42.54 0.46 0.00	40.74 0.48 0.00
COBBLENY_34_KV_TB1 80064	42.28 -3.28 0.03	25.81 -3.55 12.40	23.71 -3.20 10.69	21.29 -3.06 10.78	21.19 -3.01 11.59	23.13 -3.20 12.74	27.36 -3.33 13.18	28.56 -3.41 14.13	33.94 -3.82 9.94	34.12 -3.97 13.46	32.93 -4.14 14.07	32.51 -4.20 18.60	30.40 -3.95 17.65	28.01 -3.45 14.51	25.33 -4.22 22.50	27.92 -4.33 19.91	28.59 -4.51 18.79	31.88 -4.54 18.94	39.95 -6.46 34.31	53.51 -6.12 16.82	48.37 -5.06 8.34	42.95 -4.07 7.19	36.69 -3.62 1.76	36.51 -3.74 0.00
COFFEEN___115KV_TB3 355620	45.55 -0.05 0.00	41.47 -0.29 0.00	37.22 -0.38 0.00	34.60 -0.53 0.00	35.36 -0.43 0.00	38.80 -0.27 0.00	43.69 -0.18 0.00	46.05 -0.05 0.00	47.71 -0.14 -0.16	51.51 -0.72 -0.68	50.42 -1.02 -0.30	55.05 -0.77 -0.51	50.23 -1.77 0.00	43.58 -2.39 0.00	49.92 -2.13 0.00	50.01 -2.56 -0.41	49.50 -2.39 0.00	52.64 -2.71 0.00	80.56 -0.16 0.00	77.14 0.69 0.00	63.19 1.42 0.00	55.02 0.81 0.00	42.45 0.38 0.00	40.61 0.36 0.00
COLDSPRG_115KV_BK1 355956	43.56 -2.01 0.03	28.15 -2.25 11.36	25.57 -2.14 9.89	23.19 -2.07 9.87	23.31 -1.97 10.52	25.83 -1.80 11.44	30.58 -1.49 11.80	32.02 -1.34 12.74	36.59 -1.81 9.29	36.25 -1.65 13.66	35.66 -1.89 13.59	36.44 -1.60 17.27	34.03 -1.51 16.46	31.30 -1.43 13.25	29.22 -2.19 20.64	31.77 -2.24 18.15	32.38 -2.39 17.12	36.14 -1.99 17.22	46.86 -2.74 31.12	58.75 -2.37 15.33	51.86 -2.22 7.68	45.98 -1.52 6.71	38.75 -1.68 1.64	37.59 -2.66 0.00
COLONIE_LFGE___ 323577	47.56 1.96 0.00	43.59 1.84 0.00	39.29 1.69 0.00	36.64 1.51 0.00	37.41 1.61 0.00	40.87 1.80 0.00	45.79 1.93 0.00	48.17 2.08 0.00	49.70 2.00 0.00	53.72 2.16 0.00	53.14 1.99 0.00	57.58 2.27 0.00	54.13 2.13 0.00	49.20 1.79 -1.44	54.93 1.98 -0.90	62.22 2.24 -7.82	56.84 2.13 -2.82	60.24 2.49 -2.39	84.43 3.72 0.00	79.59 3.14 0.00	64.17 2.41 0.00	56.38 2.17 0.00	43.71 1.64 0.00	41.70 1.45 0.00
COOPERNY_115KV_TB1 80082	48.20 2.60 0.00	44.26 2.51 0.00	40.05 2.18 -0.27	37.17 2.04 0.00	37.80 2.00 0.00	41.42 2.34 0.00	46.45 2.59 0.00	49.09 3.00 0.00	51.03 3.15 -0.19	58.93 3.66 -3.71	56.05 3.73 -1.18	59.59 4.37 0.10	49.47 4.16 6.69	38.30 3.77 11.43	29.31 4.42 27.16	35.67 4.38 20.87	27.76 4.31 28.44	39.42 4.59 20.53	80.54 6.54 6.72	81.80 5.35 0.00	65.66 3.89 0.00	57.68 3.47 0.00	44.72 2.65 0.00	42.18 1.93 0.00
COPENHAGEN_WT_PWR 323753	45.33 -0.27 0.00	41.30 -0.46 0.00	37.11 -0.49 0.00	34.53 -0.60 0.00	35.26 -0.54 0.00	38.68 -0.39 0.00	43.47 -0.40 0.00	45.82 -0.27 0.00	47.48 -0.38 -0.17	51.34 -0.93 -0.71	50.33 -1.13 -0.31	54.91 -0.94 -0.54	50.18 -1.82 0.00	43.63 -2.34 0.00	49.91 -2.14 0.00	50.08 -2.50 -0.42	49.50 -2.39 0.00	52.70 -2.66 0.00	80.16 -0.56 0.00	76.68 0.23 0.00	62.70 0.93 0.00	54.64 0.43 0.00	42.20 0.13 0.00	40.33 0.08 0.00
CORNELL_____ 23752	46.66 1.05 -0.01	46.14 0.88 -3.51	40.60 0.71 -2.29	38.77 0.63 -3.01	41.87 0.72 -5.36	48.26 0.78 -8.40	54.24 1.01 -9.37	55.81 1.06 -8.66	51.56 0.91 -2.96	46.26 0.88 6.17	50.16 0.72 1.69	60.17 0.77 -4.08	55.24 0.52 -2.73	49.73 0.32 -3.44	55.58 0.42 -3.11	56.77 0.37 -4.25	57.93 0.36 -5.67	63.30 0.72 -7.23	99.38 1.70 -16.96	86.02 1.76 -7.81	65.76 1.48 -2.51	56.84 1.08 -1.55	42.93 0.55 -0.31	40.65 0.40 0.00

CORONA_69_KV_TB1 355595	50.13 4.51 -0.02	46.14 4.38 0.00	41.43 3.65 -0.18	38.54 3.41 0.00	39.12 3.33 0.00	42.90 3.83 0.00	48.34 4.47 0.00	51.21 5.12 0.00	56.83 5.34 -3.79	60.01 5.93 -2.53	60.69 6.14 -3.40	72.00 7.25 -9.44	89.73 6.92 -30.81	166.04 6.39 -113.68	253.89 7.29 -194.55	268.05 7.25 -208.64	285.43 7.21 -226.32	285.38 7.69 -222.33	341.01 10.82 -249.48	294.77 9.10 -209.23	238.71 6.73 -170.21	109.85 5.96 -49.68	61.08 4.59 -14.42	52.24 3.50 -8.49
CORTLAND_115KV_TB3 80093	46.28 0.68 0.00	42.45 0.54 -0.15	37.85 0.45 0.20	35.66 0.39 -0.15	37.34 0.43 -1.12	41.91 0.51 -2.32	47.24 0.66 -2.72	48.87 0.65 -2.13	47.96 0.57 0.31	48.45 0.57 3.67	50.15 0.51 1.51	56.09 0.61 -0.17	51.98 0.42 0.43	47.08 0.28 -0.83	53.24 0.31 -0.88	54.20 0.26 -1.79	53.41 0.26 -1.26	57.32 0.44 -1.52	85.75 1.13 -3.90	78.92 1.07 -1.40	62.80 0.99 -0.04	54.41 0.70 0.50	42.23 0.29 0.14	40.45 0.20 0.00
COXSACKIE___GT 23611	48.97 3.37 0.00	44.77 3.01 0.00	40.31 2.71 0.00	37.62 2.49 0.00	38.26 2.47 0.00	41.85 2.77 0.00	47.11 3.25 0.00	49.42 3.32 0.00	50.36 2.67 0.00	54.23 2.68 0.00	53.50 2.35 0.00	57.53 2.21 0.00	53.92 1.93 0.00	49.13 1.89 -1.27	55.08 2.24 -0.79	62.19 2.56 -7.48	57.34 2.80 -2.65	61.41 3.71 -2.34	85.81 5.09 0.00	80.80 4.36 0.00	65.29 3.52 0.00	57.13 2.93 0.00	44.56 2.48 0.00	42.50 2.25 0.00
CPV_VALLEY___CC1 323721	48.15 2.55 0.00	44.14 2.38 0.00	39.96 2.14 -0.21	37.13 2.00 0.00	37.73 1.93 0.00	41.38 2.30 0.00	46.50 2.63 0.00	49.14 3.04 0.00	51.04 3.20 -0.15	58.16 3.66 -2.95	55.85 3.84 -0.87	59.66 4.48 0.13	49.85 4.31 6.46	40.15 4.00 9.81	31.19 4.58 25.44	37.62 4.59 19.12	31.55 4.51 24.85	42.79 4.87 17.44	81.01 6.78 6.48	81.96 5.51 0.00	65.72 3.96 0.00	57.68 3.47 0.00	44.77 2.70 0.00	42.38 2.13 0.00
CPV_VALLEY___CC2 323722	48.15 2.55 0.00	44.14 2.38 0.00	39.96 2.14 -0.21	37.13 2.00 0.00	37.73 1.93 0.00	41.38 2.30 0.00	46.50 2.63 0.00	49.14 3.04 0.00	51.04 3.20 -0.15	58.16 3.66 -2.95	55.85 3.84 -0.87	59.66 4.48 0.13	49.85 4.31 6.46	40.15 4.00 9.81	31.19 4.58 25.44	37.62 4.59 19.12	31.55 4.51 24.85	42.79 4.87 17.44	81.01 6.78 6.48	81.96 5.51 0.00	65.72 3.96 0.00	57.68 3.47 0.00	44.77 2.70 0.00	42.38 2.13 0.00
CRESCENT___HYD 24018	47.56 1.96 0.00	43.59 1.84 0.00	39.29 1.69 0.00	36.64 1.51 0.00	37.41 1.61 0.00	40.87 1.80 0.00	45.79 1.93 0.00	48.17 2.08 0.00	49.70 2.00 0.00	53.72 2.16 0.00	53.14 1.99 0.00	57.58 2.27 0.00	54.13 2.13 0.00	49.20 1.79 -1.44	54.93 1.98 -0.90	62.22 2.24 -7.82	56.84 2.13 -2.82	60.24 2.49 -2.39	84.43 3.72 0.00	79.59 3.14 0.00	64.17 2.41 0.00	56.38 2.17 0.00	43.71 1.64 0.00	41.70 1.45 0.00
CRICKET___VALLEY_CC1 323756	48.33 2.74 0.00	44.31 2.55 0.00	40.03 2.26 -0.17	37.24 2.11 0.00	37.87 2.08 0.00	41.50 2.42 0.00	46.68 2.81 0.00	49.37 3.27 0.00	51.20 3.39 -0.12	57.80 3.92 -2.33	55.95 3.99 -0.81	60.01 4.70 0.00	59.44 4.58 -2.86	64.60 4.23 -14.41	74.54 4.89 -17.60	76.67 4.85 -19.67	89.12 4.77 -32.46	87.74 5.15 -27.24	90.69 7.10 -2.87	82.19 5.74 0.00	65.91 4.14 0.00	57.90 3.69 0.00	44.94 2.86 0.00	42.50 2.25 0.00
CRICKET___VALLEY_CC2 323757	48.33 2.74 0.00	44.31 2.55 0.00	40.03 2.26 -0.17	37.24 2.11 0.00	37.87 2.08 0.00	41.50 2.42 0.00	46.68 2.81 0.00	49.37 3.27 0.00	51.20 3.39 -0.12	57.80 3.92 -2.33	55.95 3.99 -0.81	60.01 4.70 0.00	59.44 4.58 -2.86	64.60 4.23 -14.41	74.54 4.89 -17.60	76.67 4.85 -19.67	89.12 4.77 -32.46	87.74 5.15 -27.24	90.69 7.10 -2.87	82.19 5.74 0.00	65.91 4.14 0.00	57.90 3.69 0.00	44.94 2.86 0.00	42.50 2.25 0.00
CRICKET___VALLEY_CC3 323758	48.33 2.74 0.00	44.31 2.55 0.00	40.03 2.26 -0.17	37.24 2.11 0.00	37.87 2.08 0.00	41.50 2.42 0.00	46.68 2.81 0.00	49.37 3.27 0.00	51.20 3.39 -0.12	57.80 3.92 -2.33	55.95 3.99 -0.81	60.01 4.70 0.00	59.44 4.58 -2.86	64.60 4.23 -14.41	74.54 4.89 -17.60	76.67 4.85 -19.67	89.12 4.77 -32.46	87.74 5.15 -27.24	90.69 7.10 -2.87	82.19 5.74 0.00	65.91 4.14 0.00	57.90 3.69 0.00	44.94 2.86 0.00	42.50 2.25 0.00
CRUCIBLE_METL_DRP 24180	45.69 0.09 0.00	41.76 0.00 0.00	37.32 -0.04 0.24	35.09 -0.04 0.00	36.89 -0.04 -1.13	41.55 -0.08 -2.55	46.81 -0.04 -2.99	48.46 -0.14 -2.50	47.61 -0.19 -0.11	49.26 -0.21 2.08	50.36 -0.15 0.63	56.03 -0.17 -0.88	51.74 -0.26 0.00	46.08 -0.23 -0.34	51.90 -0.36 -0.21	52.53 -0.42 -0.79	52.16 -0.42 -0.69	56.31 -0.39 -1.34	85.79 -0.32 -5.39	78.66 -0.23 -2.44	62.47 -0.12 -0.83	53.94 -0.27 0.00	41.69 -0.38 0.00	40.01 -0.24 0.00
DAHOWA___HYDRO 323763	48.43 2.83 0.00	44.35 2.59 0.00	39.93 2.33 0.00	37.16 2.04 0.00	38.01 2.22 0.00	41.58 2.50 0.00	46.68 2.81 0.00	48.95 2.86 0.00	50.41 2.72 0.00	54.33 2.78 0.00	53.80 2.66 0.00	58.24 2.93 0.00	54.44 2.44 0.00	48.82 1.98 -0.87	54.73 2.13 -0.55	62.52 2.56 -7.81	56.07 2.49 -1.69	59.69 2.93 -1.40	85.64 4.92 0.00	80.88 4.43 0.00	65.29 3.52 0.00	57.35 3.14 0.00	44.26 2.19 0.00	42.30 2.05 0.00
DANC___LFGE 323619	45.19 -0.41 0.00	41.26 -0.50 0.00	37.07 -0.53 0.00	34.53 -0.60 0.00	35.26 -0.54 0.00	38.61 -0.47 0.00	43.38 -0.48 0.00	45.59 -0.51 0.00	47.28 -0.62 -0.21	51.44 -0.98 -0.86	50.39 -1.13 -0.37	54.91 -1.05 -0.65	50.39 -1.61 0.00	44.04 -1.93 0.00	50.18 -1.87 0.00	50.55 -2.09 -0.48	50.22 -2.02 -0.35	53.59 -2.22 -0.45	80.72 -1.05 -1.05	76.64 -0.53 -0.72	62.45 0.06 -0.62	54.37 -0.27 -0.43	41.86 -0.34 -0.12	39.93 -0.32 0.00
DANSKAMMER___1 23586	49.20 3.60 0.00	45.06 3.30 0.00	40.68 2.90 -0.18	37.83 2.71 0.00	38.41 2.61 0.00	42.16 3.09 0.00	47.46 3.60 0.00	50.10 4.01 0.00	51.97 4.15 -0.13	58.79 4.74 -2.50	56.93 4.91 -0.87	61.07 5.75 0.00	62.99 5.51 -5.49	70.74 4.97 -19.80	86.57 5.67 -28.85	87.89 5.74 -30.00	103.18 5.71 -45.58	98.61 6.20 -37.06	94.89 8.72 -5.45	83.63 7.18 0.00	67.14 5.37 0.00	58.81 4.61 0.00	45.61 3.53 0.00	43.11 2.86 0.00
DANSKAMMER___2 23589	49.20 3.60 0.00	45.06 3.30 0.00	40.68 2.90 -0.18	37.83 2.71 0.00	38.41 2.61 0.00	42.16 3.09 0.00	47.46 3.60 0.00	50.10 4.01 0.00	51.97 4.15 -0.13	58.79 4.74 -2.50	56.93 4.91 -0.87	61.07 5.75 0.00	62.99 5.51 -5.49	70.74 4.97 -19.80	86.57 5.67 -28.85	87.89 5.74 -30.00	103.18 5.71 -45.58	98.61 6.20 -37.06	94.89 8.72 -5.45	83.63 7.18 0.00	67.14 5.37 0.00	58.81 4.61 0.00	45.61 3.53 0.00	43.11 2.86 0.00
DANSKAMMER___3 23590	49.20 3.60 0.00	45.06 3.30 0.00	40.68 2.90 -0.18	37.83 2.71 0.00	38.41 2.61 0.00	42.16 3.09 0.00	47.46 3.60 0.00	50.10 4.01 0.00	51.97 4.15 -0.13	58.79 4.74 -2.50	56.93 4.91 -0.87	61.07 5.75 0.00	62.99 5.51 -5.49	70.74 4.97 -19.80	86.57 5.67 -28.85	87.89 5.74 -30.00	103.18 5.71 -45.58	98.61 6.20 -37.06	94.89 8.72 -5.45	83.63 7.18 0.00	67.14 5.37 0.00	58.81 4.61 0.00	45.61 3.53 0.00	43.11 2.86 0.00

DANSKAMMER___4 23591	49.20 3.60 0.00	45.06 3.30 0.00	40.68 2.90 -0.18	37.83 2.71 0.00	38.41 2.61 0.00	42.16 3.09 0.00	47.46 3.60 0.00	50.10 4.01 0.00	51.97 4.15 -0.13	58.79 4.74 -2.50	56.93 4.91 -0.87	61.07 5.75 0.00	62.99 5.51 -5.49	70.74 4.97 -19.80	86.57 5.67 -28.85	87.89 5.74 -30.00	103.18 5.71 -45.58	98.61 6.20 -37.06	94.89 8.72 -5.45	83.63 7.18 0.00	67.14 5.37 0.00	58.81 4.61 0.00	45.61 3.53 0.00	43.11 2.86 0.00
DANSKAMMER___DIESEL 23592	49.20 3.60 0.00	45.22 3.47 0.00	40.75 2.97 -0.18	37.94 2.81 0.00	38.48 2.68 0.00	42.20 3.13 0.00	47.42 3.55 0.00	50.11 4.01 0.00	51.97 4.15 -0.13	58.90 4.85 -2.50	56.98 4.96 -0.87	61.07 5.75 0.00	62.94 5.46 -5.49	70.74 4.96 -19.80	86.57 5.67 -28.85	87.89 5.74 -30.00	103.19 5.71 -45.59	98.61 6.20 -37.06	94.88 8.72 -5.45	83.64 7.19 0.00	67.14 5.37 0.00	58.82 4.61 0.00	45.61 3.53 0.00	42.91 2.66 0.00
DARBY___SOLAR 323810	48.24 2.64 0.00	44.18 2.42 0.00	39.78 2.18 0.00	37.06 1.93 0.00	37.87 2.08 0.00	41.42 2.34 0.00	46.50 2.63 0.00	48.77 2.67 0.00	50.22 2.53 0.00	54.18 2.63 0.00	53.65 2.51 0.00	58.02 2.71 0.00	54.28 2.29 0.00	48.80 1.89 -0.95	54.67 2.03 -0.59	62.42 2.45 -7.81	56.11 2.39 -1.83	59.70 2.82 -1.52	85.40 4.68 0.00	80.57 4.13 0.00	65.04 3.27 0.00	57.13 2.93 0.00	44.13 2.06 0.00	42.18 1.93 0.00
DASHVILLE___HYD 23610	48.65 3.06 0.00	44.72 2.96 0.00	40.33 2.56 -0.18	37.55 2.42 0.00	38.12 2.33 0.00	41.69 2.62 0.00	46.80 2.94 0.00	49.41 3.32 0.00	51.06 3.24 -0.13	57.79 3.81 -2.42	55.88 3.89 -0.85	59.80 4.48 0.00	58.71 4.37 -2.34	60.62 4.41 -10.23	70.57 5.10 -13.42	74.25 5.11 -16.99	80.29 5.14 -23.26	80.26 5.65 -19.26	90.20 7.02 -2.46	82.11 5.66 0.00	65.97 4.20 0.00	57.89 3.69 0.00	44.93 2.86 0.00	42.42 2.17 0.00
DELAWARE___LFGE 323621	47.24 1.64 0.00	43.46 1.55 -0.15	39.63 1.39 -0.64	36.54 1.26 -0.15	37.85 1.36 -0.70	41.98 1.52 -1.38	47.15 1.67 -1.61	49.24 1.89 -1.25	49.92 1.96 -0.27	61.19 2.11 -7.53	55.71 2.10 -2.47	57.88 2.60 0.04	54.01 2.29 0.27	49.67 1.84 -1.86	55.91 2.24 -1.62	58.24 2.14 -3.94	57.42 1.97 -3.56	60.79 2.16 -3.28	86.42 3.39 -2.31	80.12 2.91 -0.77	64.09 2.35 0.03	55.93 2.06 0.33	43.45 1.47 0.09	41.34 1.09 0.00
DERFIELD_115KV_TB7 355931	45.83 0.23 0.00	42.01 0.25 0.00	37.83 0.23 0.00	35.30 0.18 0.00	36.01 0.21 0.00	39.31 0.23 0.00	44.13 0.26 0.00	46.37 0.28 0.00	47.98 0.29 0.00	51.86 0.31 0.00	51.40 0.26 0.00	55.70 0.39 0.00	52.31 0.31 0.00	46.20 0.23 0.00	52.36 0.31 0.00	52.47 0.31 0.00	52.15 0.26 0.00	55.69 0.33 0.00	81.28 0.57 0.00	76.83 0.38 0.00	62.08 0.31 0.00	54.48 0.27 0.00	42.28 0.21 0.00	40.41 0.16 0.00
DOGLEVILLE___HYD 23807	46.74 1.14 0.00	42.80 1.04 0.00	38.58 0.98 0.00	36.01 0.88 0.00	36.69 0.89 0.00	40.13 1.06 0.00	45.14 1.27 0.00	47.43 1.34 0.00	48.79 1.10 0.00	52.48 0.93 0.00	51.86 0.72 0.00	56.26 0.94 0.00	52.62 0.62 0.00	46.25 0.28 0.00	52.52 0.47 0.00	52.26 0.10 0.00	51.89 0.00 0.00	55.41 0.06 0.00	81.44 0.73 0.00	77.21 0.76 0.00	62.63 0.86 0.00	55.07 0.87 0.00	43.04 0.97 0.00	41.22 0.97 0.00
DUNKIRK___115KV_TB_200 55889	42.42 -3.15 0.03	25.47 -3.42 12.87	23.37 -3.16 11.07	20.92 -3.02 11.18	20.86 -2.94 12.00	22.94 -2.97 13.16	27.36 -2.94 13.57	28.55 -2.95 14.59	34.25 -3.24 10.20	34.40 -3.30 13.85	33.70 -3.43 14.01	32.91 -3.43 18.97	31.02 -3.22 17.76	28.13 -2.85 14.99	25.34 -3.64 23.07	28.01 -3.70 20.45	28.51 -3.89 19.49	32.05 -3.71 19.59	40.30 -5.17 35.25	54.45 -4.74 17.26	49.28 -3.95 8.53	43.64 -3.20 7.37	37.22 -3.03 1.82	37.11 -3.14 0.00
DUNKIRK___1 23563	42.42 -3.15 0.03	25.47 -3.42 12.87	23.37 -3.16 11.07	20.92 -3.02 11.18	20.86 -2.94 12.00	22.94 -2.97 13.16	27.36 -2.94 13.57	28.55 -2.95 14.59	34.25 -3.24 10.20	34.40 -3.30 13.85	33.70 -3.43 14.01	32.91 -3.43 18.97	31.02 -3.22 17.76	28.13 -2.85 14.99	25.34 -3.64 23.07	28.01 -3.70 20.45	28.51 -3.89 19.49	32.05 -3.71 19.59	40.30 -5.17 35.25	54.45 -4.74 17.26	49.28 -3.95 8.53	43.64 -3.20 7.37	37.22 -3.03 1.82	37.11 -3.14 0.00
DUNKIRK___2 23564	42.42 -3.15 0.03	25.47 -3.42 12.87	23.37 -3.16 11.07	20.92 -3.02 11.18	20.86 -2.94 12.00	22.94 -2.97 13.16	27.36 -2.94 13.57	28.55 -2.95 14.59	34.25 -3.24 10.20	34.40 -3.30 13.85	33.70 -3.43 14.01	32.91 -3.43 18.97	31.02 -3.22 17.76	28.13 -2.85 14.99	25.34 -3.64 23.07	28.01 -3.70 20.45	28.51 -3.89 19.49	32.05 -3.71 19.59	40.30 -5.17 35.25	54.45 -4.74 17.26	49.28 -3.95 8.53	43.64 -3.20 7.37	37.22 -3.03 1.82	37.11 -3.14 0.00
DUNKIRK___3 23565	42.42 -3.15 0.03	25.22 -3.42 13.11	23.21 -3.12 11.27	20.75 -2.99 11.39	20.67 -2.90 12.22	22.67 -3.01 13.40	26.99 -3.07 13.80	28.11 -3.13 14.85	33.88 -3.48 10.33	33.99 -3.56 14.00	33.44 -3.68 14.02	32.42 -3.71 19.19	30.70 -3.43 17.87	27.69 -3.03 15.25	24.90 -3.75 23.40	27.59 -3.81 20.76	28.03 -4.00 19.86	31.53 -3.87 19.95	39.51 -5.41 35.80	53.81 -5.12 17.52	48.86 -4.26 8.65	43.22 -3.52 7.46	36.98 -3.24 1.86	36.87 -3.38 0.00
DUNKIRK___4 23566	42.42 -3.15 0.03	25.22 -3.42 13.11	23.21 -3.12 11.27	20.75 -2.99 11.39	20.67 -2.90 12.22	22.67 -3.01 13.40	26.99 -3.07 13.80	28.11 -3.13 14.85	33.88 -3.48 10.33	33.99 -3.56 14.00	33.44 -3.68 14.02	32.42 -3.71 19.19	30.70 -3.43 17.87	27.69 -3.03 15.25	24.90 -3.75 23.40	27.59 -3.81 20.76	28.03 -4.00 19.86	31.53 -3.87 19.95	39.51 -5.41 35.80	53.81 -5.12 17.52	48.86 -4.26 8.65	43.22 -3.52 7.46	36.98 -3.24 1.86	36.87 -3.38 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	49.29 3.69 0.00	45.39 3.63 0.00	40.83 3.05 -0.18	37.97 2.85 0.00	38.59 2.79 0.00	42.32 3.24 0.00	47.55 3.68 0.00	50.38 4.29 0.00	52.45 4.58 -0.18	59.38 5.31 -2.51	58.81 5.47 -2.20	62.68 6.31 -1.06	66.21 6.08 -8.13	77.29 5.61 -25.71	97.96 6.45 -39.45	98.02 6.42 -39.45	117.65 6.33 -59.43	109.89 6.75 -47.78	97.92 9.36 -7.84	84.17 7.72 0.00	67.39 5.62 0.00	59.19 4.99 0.00	45.86 3.79 0.00	43.03 2.78 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.97 3.37 0.00	45.02 3.26 0.00	40.61 2.82 -0.19	37.76 2.63 0.00	38.34 2.54 0.00	42.04 2.97 0.00	47.24 3.38 0.00	49.92 3.83 0.00	51.79 3.96 -0.13	58.78 4.59 -2.64	56.74 4.76 -0.84	60.73 5.48 0.07	66.23 5.25 -8.98	78.62 4.73 -27.91	102.01 5.47 -44.49	101.73 5.48 -44.09	122.44 5.50 -65.05	113.26 5.98 -51.93	98.14 8.39 -9.03	83.33 6.88 0.00	66.89 5.13 0.00	58.65 4.45 0.00	45.48 3.41 0.00	42.79 2.54 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	49.62 4.01 -0.01	45.73 3.97 -0.01	41.17 3.38 -0.19	38.30 3.16 -0.01	38.92 3.11 -0.01	42.55 3.48 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.45 5.36 -2.54	60.72 5.63 -3.95	63.12 6.31 -1.50	66.80 6.24 -8.57	77.19 5.42 -25.80	97.76 6.30 -39.41	97.93 6.36 -39.41	117.59 6.33 -59.37	109.68 6.59 -47.74	97.76 9.20 -7.84	83.80 7.34 -0.01	67.09 5.31 -0.01	59.53 5.31 -0.01	46.20 4.12 -0.01	43.24 2.98 -0.01

E179THST_13_KV_LOAD 356214	49.89 4.29 -0.01	45.94 4.18 -0.01	41.36 3.57 -0.19	38.47 3.34 -0.01	39.10 3.29 -0.01	42.75 3.67 0.00	48.03 4.17 0.00	50.98 4.89 0.00	52.95 5.01 -0.25	59.81 5.72 -2.54	61.03 5.93 -3.95	63.51 6.69 -1.50	67.17 6.60 -8.57	77.56 5.79 -25.80	98.17 6.71 -39.41	98.35 6.78 -39.41	118.01 6.75 -59.37	110.18 7.09 -47.74	98.41 9.85 -7.84	84.41 7.95 -0.01	67.58 5.81 -0.01	59.85 5.64 -0.01	46.46 4.38 -0.01	43.48 3.22 -0.01
EAST HAMPTON___GT 23717	50.49 4.88 -0.02	46.24 4.47 -0.01	41.47 3.69 -0.18	38.50 3.37 0.00	39.09 3.29 0.00	42.94 3.87 0.00	48.65 4.78 0.00	51.96 5.85 -0.01	57.73 6.25 -3.79	60.16 6.08 -2.53	60.79 6.24 -3.40	71.55 6.80 -9.44	88.89 6.08 -30.81	108.57 6.02 -56.58	145.02 7.02 -85.95	267.79 6.99 -208.64	285.21 7.00 -226.31	284.84 7.14 -222.34	340.20 10.01 -249.48	295.23 9.56 -209.23	240.19 8.22 -170.21	110.77 6.89 -49.68	61.25 4.75 -14.42	52.80 4.06 -8.49
EAST RIVER___6 23660	49.61 4.01 0.00	45.52 3.76 0.00	40.98 3.19 -0.18	38.08 2.95 0.00	38.66 2.86 0.00	42.47 3.40 0.00	47.86 3.99 0.00	50.84 4.75 0.00	53.05 5.11 -0.26	59.96 5.87 -2.54	61.33 6.08 -4.10	64.92 7.03 -2.58	67.31 6.71 -8.60	77.99 6.20 -25.82	98.61 7.13 -39.43	98.64 7.04 -39.44	119.09 7.00 -60.20	110.98 7.36 -48.26	98.81 10.25 -7.84	84.71 8.26 0.00	67.64 5.87 0.00	59.63 5.42 0.00	46.32 4.25 0.00	43.59 3.34 0.00
EAST RIVER___7 23524	49.61 4.01 0.00	45.52 3.76 0.00	40.98 3.19 -0.18	38.08 2.95 0.00	38.66 2.86 0.00	42.47 3.40 0.00	47.86 3.99 0.00	50.84 4.75 0.00	53.05 5.11 -0.26	59.96 5.87 -2.54	61.33 6.08 -4.10	64.92 7.03 -2.58	67.31 6.71 -8.60	77.99 6.20 -25.82	98.61 7.13 -39.43	98.64 7.04 -39.44	119.09 7.00 -60.20	110.98 7.36 -48.26	98.81 10.25 -7.84	84.71 8.26 0.00	67.64 5.87 0.00	59.63 5.42 0.00	46.32 4.25 0.00	43.59 3.34 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	49.15 3.56 0.00	45.22 3.47 0.00	40.75 2.97 -0.18	37.90 2.78 0.00	38.51 2.72 0.00	42.20 3.13 0.00	47.42 3.55 0.00	50.24 4.15 0.00	52.18 4.39 -0.10	59.15 5.10 -2.50	56.61 5.27 -0.20	60.81 6.03 0.54	65.75 5.82 -7.93	77.68 5.42 -26.29	99.02 6.19 -40.78	99.01 6.21 -40.65	119.12 6.12 -61.11	110.96 6.53 -49.07	97.90 9.04 -8.14	83.86 7.42 0.00	67.20 5.44 0.00	58.98 4.77 0.00	45.73 3.66 0.00	42.95 2.70 0.00
EAST_HAMPTON___DIESEL 23722	50.40 4.79 -0.02	46.15 4.38 -0.01	41.39 3.61 -0.18	38.43 3.30 0.00	39.05 3.26 0.00	42.91 3.83 0.00	48.56 4.70 0.00	51.86 5.76 -0.01	57.64 6.15 -3.79	60.11 6.03 -2.53	60.73 6.19 -3.40	71.44 6.69 -9.44	88.84 6.03 -30.81	108.48 5.93 -56.58	144.92 6.92 -85.95	267.68 6.88 -208.64	285.11 6.90 -226.31	284.72 7.03 -222.34	340.04 9.84 -249.48	295.15 9.48 -209.23	240.13 8.15 -170.21	110.66 6.78 -49.68	61.16 4.67 -14.42	52.72 3.99 -8.49
EAST_POINT___SOLAR 323840	48.70 3.10 0.00	44.51 2.76 0.00	40.22 2.44 -0.17	37.24 2.11 0.00	38.16 2.36 0.00	41.89 2.82 0.00	46.76 2.89 0.00	48.40 2.30 0.00	49.67 1.86 -0.12	55.43 1.50 -2.38	53.46 1.48 -0.83	56.97 1.66 0.00	52.93 0.94 0.00	46.94 0.51 -0.47	52.97 0.63 -0.29	61.53 0.99 -8.39	53.61 0.73 -1.00	57.64 1.50 -0.79	84.99 4.28 0.00	81.19 4.74 0.00	65.84 4.08 0.00	57.68 3.47 0.00	44.56 2.48 0.00	42.42 2.17 0.00
EAST_PULASKI___ESR 323781	45.05 -0.55 0.00	41.30 -0.46 0.00	36.98 -0.45 0.17	34.71 -0.42 0.00	35.37 -0.43 0.00	38.65 -0.43 0.00	43.34 -0.52 0.00	46.35 -0.74 -1.00	49.15 -0.81 -2.27	52.80 -0.88 -2.12	53.07 -0.92 -2.85	59.18 -0.99 -4.86	53.82 -1.04 -2.86	46.90 -0.92 -1.85	54.08 -1.10 -3.13	54.75 -1.10 -3.69	51.83 -1.51 -1.45	55.44 -1.61 -1.69	82.14 -1.37 -2.79	77.29 -1.07 -1.91	62.79 -0.62 -1.64	54.60 -0.76 -1.15	41.68 -0.72 -0.32	39.69 -0.56 0.00
EAST_RIVER___1 323558	49.47 3.87 0.00	45.39 3.63 0.00	40.98 3.19 -0.18	38.08 2.95 0.00	38.66 2.86 0.00	42.47 3.40 0.00	47.86 3.99 0.00	50.75 4.65 0.00	52.91 4.96 -0.26	59.76 5.67 -2.54	61.07 5.83 -4.10	64.58 6.69 -2.58	66.99 6.39 -8.60	77.72 5.93 -25.82	98.24 6.76 -39.43	98.28 6.68 -39.44	118.73 6.64 -60.20	110.59 6.97 -48.26	98.32 9.76 -7.84	84.40 7.95 0.00	67.45 5.68 0.00	59.46 5.26 0.00	46.15 4.08 0.00	43.47 3.22 0.00
EAST_RIVER___2 323559	49.61 4.01 0.00	45.52 3.76 0.00	40.98 3.19 -0.18	38.08 2.95 0.00	38.66 2.86 0.00	42.47 3.40 0.00	47.86 3.99 0.00	50.84 4.75 0.00	53.05 5.11 -0.26	59.96 5.87 -2.54	61.33 6.08 -4.10	64.92 7.03 -2.58	67.31 6.71 -8.60	77.99 6.20 -25.82	98.61 7.13 -39.43	98.64 7.04 -39.44	119.09 7.00 -60.20	110.98 7.36 -48.26	98.81 10.25 -7.84	84.71 8.26 0.00	67.64 5.87 0.00	59.63 5.42 0.00	46.32 4.25 0.00	43.59 3.34 0.00
EAST___DELAWARE_HYD 23607	49.25 3.65 0.00	45.02 3.26 0.00	40.76 2.93 -0.23	37.87 2.74 0.00	38.41 2.61 0.00	42.16 3.09 0.00	47.46 3.60 0.00	50.15 4.06 0.00	51.90 4.05 -0.16	59.38 4.69 -3.13	56.98 4.81 -1.03	60.84 5.58 0.06	57.23 5.25 0.02	55.63 4.51 -5.15	60.58 5.31 -3.22	64.36 5.27 -6.94	68.23 5.35 -11.00	71.28 5.93 -9.99	89.27 8.55 0.00	83.48 7.03 0.00	67.08 5.31 0.00	58.70 4.50 0.00	45.52 3.45 0.00	43.03 2.78 0.00
EIGHT_POINT___WT_PWR 323820	42.65 -3.05 -0.11	75.54 -2.96 -36.74	64.23 -2.74 -29.37	64.04 -2.49 -31.41	70.15 -2.29 -36.64	81.48 -2.07 -44.47	88.46 -2.10 -46.70	93.39 -2.07 -49.37	81.00 -2.29 -35.59	48.88 -2.63 0.04	52.57 -2.81 -4.24	91.86 -2.93 -39.48	79.31 -2.76 -30.07	69.78 -2.48 -26.29	69.77 -3.18 -20.90	70.78 -3.44 -22.07	93.79 -3.37 -45.28	105.52 -3.21 -53.38	171.22 -3.79 -94.30	120.75 -3.36 -47.67	78.24 -2.35 -18.82	73.40 -1.95 -21.15	44.79 -2.02 -4.74	37.96 -2.29 0.00
ELBRIDGE_115KV_TB2 80188	45.37 -0.23 0.00	41.47 -0.29 0.00	37.07 -0.26 0.26	34.85 -0.28 0.00	37.03 -0.29 -1.52	42.20 -0.31 -3.43	47.58 -0.31 -4.02	49.05 -0.41 -3.37	47.33 -0.48 -0.11	48.62 -0.57 2.37	49.86 -0.56 0.72	55.64 -0.61 -0.93	51.32 -0.68 0.00	45.78 -0.55 -0.36	51.60 -0.68 -0.23	52.27 -0.73 -0.84	51.89 -0.73 -0.73	56.31 -0.66 -1.61	87.25 -0.73 -7.26	79.05 -0.69 -3.29	62.39 -0.49 -1.11	53.61 -0.60 0.00	41.44 -0.63 0.00	39.77 -0.48 0.00
ELEC_TRO_TEK 24086	49.99 4.38 -0.02	46.02 4.26 0.00	41.32 3.53 -0.18	38.43 3.30 0.00	39.02 3.22 0.00	42.79 3.71 0.00	48.21 4.34 0.00	51.12 5.02 0.00	56.68 5.20 -3.79	59.80 5.72 -2.53	60.43 5.88 -3.40	71.67 6.91 -9.44	89.47 6.66 -30.81	136.19 6.07 -84.15	197.36 6.92 -138.39	267.74 6.94 -208.64	285.06 6.85 -226.32	284.99 7.31 -222.33	340.52 10.33 -249.48	294.32 8.64 -209.23	238.34 6.36 -170.21	109.58 5.69 -49.68	60.91 4.42 -14.42	52.12 3.38 -8.49
ELLENBURG_WT_PWR 323604	44.41 -1.19 0.00	40.67 -1.09 0.00	36.66 -0.94 0.00	34.25 -0.88 0.00	34.86 -0.93 0.00	38.06 -1.02 0.00	42.86 -1.01 0.00	45.13 -0.97 0.00	46.88 -0.81 0.00	50.52 -1.03 0.00	50.22 -0.92 0.00	53.99 -1.33 0.00	50.75 -1.25 0.00	44.82 -1.15 0.00	50.70 -1.35 0.00	50.75 -1.41 0.00	50.75 -1.14 0.00	54.03 -1.33 0.00	79.02 -1.70 0.00	75.38 -1.07 0.00	61.09 -0.68 0.00	53.61 -0.60 0.00	41.74 -0.34 0.00	39.97 -0.28 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.69 -3.88 0.03	24.17 -4.13 13.45	22.39 -3.72 11.49	19.89 -3.55 11.69	19.61 -3.51 12.68	21.24 -3.79 14.04	25.36 -4.04 14.47	26.37 -4.19 15.53	32.71 -4.67 10.31	32.78 -4.95 13.83	32.20 -5.06 13.88	30.79 -5.25 19.27	28.89 -4.94 18.17	26.09 -4.23 15.65	22.63 -5.05 24.37	25.32 -5.16 21.67	26.55 -5.19 20.15	29.44 -5.26 20.66	35.65 -7.59 37.48	50.91 -7.26 18.28	46.92 -5.87 8.98	41.72 -4.93 7.55	35.93 -4.25 1.90	36.23 -4.03 0.00
EMPIRE_CC_1 323656	46.87 1.27 0.00	43.13 1.38 0.00	38.88 1.28 0.00	36.32 1.20 0.00	37.01 1.22 0.00	40.40 1.33 0.00	45.18 1.31 0.00	47.57 1.47 0.00	49.08 1.38 0.00	53.15 1.60 0.00	52.47 1.33 0.00	56.86 1.55 0.00	53.61 1.61 0.00	49.23 1.43 -1.83	54.75 1.56 -1.14	61.39 1.67 -7.56	57.22 1.56 -3.78	60.32 1.77 -3.19	83.14 2.42 0.00	78.43 1.98 0.00	63.19 1.42 0.00	55.56 1.36 0.00	43.21 1.14 0.00	41.34 1.09 0.00
EMPIRE_CC_2 323658	46.87 1.27 0.00	43.13 1.38 0.00	38.88 1.28 0.00	36.32 1.20 0.00	37.01 1.22 0.00	40.40 1.33 0.00	45.18 1.31 0.00	47.57 1.47 0.00	49.08 1.38 0.00	53.15 1.60 0.00	52.47 1.33 0.00	56.86 1.55 0.00	53.61 1.61 0.00	49.23 1.43 -1.83	54.75 1.56 -1.14	61.39 1.67 -7.56	57.22 1.56 -3.78	60.32 1.77 -3.19	83.14 2.42 0.00	78.43 1.98 0.00	63.19 1.42 0.00	55.56 1.36 0.00	43.21 1.14 0.00	41.34 1.09 0.00
ENORWICH_115KV_TB1 80156	48.43 2.83 0.00	45.86 2.42 -1.68	41.38 2.11 -1.68	38.47 1.90 -1.45	40.62 2.08 -2.75	46.00 2.50 -4.43	51.70 2.85 -4.98	53.76 3.18 -4.49	52.47 3.00 -1.77	59.73 2.78 -5.40	55.43 2.25 -2.03	60.27 3.04 -1.91	55.20 2.08 -1.13	49.72 0.97 -2.79	56.10 1.61 -2.44	57.66 1.30 -4.20	58.14 1.25 -5.01	62.33 1.55 -5.43	93.86 4.52 -8.62	84.92 4.66 -3.81	67.02 4.20 -1.05	58.05 3.31 -0.53	44.35 2.19 -0.09	41.98 1.73 0.00
ERIE_ST__34_KV_TB1-2 80199	42.70 -2.87 0.03	26.61 -2.92 12.22	24.40 -2.67 10.53	21.93 -2.56 10.63	21.78 -2.51 11.51	23.68 -2.66 12.73	27.90 -2.72 13.24	29.73 -2.77 13.60	34.28 -3.43 9.98	38.57 -3.45 9.53	33.19 -3.63 14.32	34.25 -3.43 17.64	30.80 -3.22 17.98	28.74 -2.80 14.43	26.01 -3.49 22.55	28.65 -3.55 19.96	29.62 -3.68 18.59	32.90 -3.65 18.80	40.97 -5.33 34.42	54.21 -5.35 16.89	48.84 -4.57 8.36	43.53 -3.47 7.21	37.41 -3.11 1.55	36.35 -3.90 0.00
ERIE_WT_PWR 323693	41.96 -3.60 0.03	24.76 -3.80 13.20	22.79 -3.50 11.31	20.35 -3.30 11.48	20.17 -3.22 12.40	21.94 -3.44 13.70	25.91 -3.77 14.18	27.21 -3.73 15.16	33.16 -4.10 10.43	33.84 -4.28 13.43	32.37 -4.40 14.37	31.21 -4.53 19.57	29.28 -4.26 18.45	26.79 -3.72 15.46	23.66 -4.53 23.86	26.37 -4.59 21.20	27.05 -4.77 20.07	30.26 -4.87 20.23	37.13 -6.94 36.64	51.89 -6.65 17.91	47.58 -5.37 8.82	42.21 -4.44 7.55	36.39 -3.83 1.86	36.35 -3.90 0.00
ESPRGFLD_115KV_TB1 80157	47.70 2.10 0.00	43.64 1.88 0.00	39.55 1.65 -0.29	36.57 1.44 0.00	37.40 1.61 0.00	40.99 1.91 0.00	46.01 2.15 0.00	48.26 2.17 0.00	49.95 2.05 -0.21	57.61 2.06 -3.99	54.48 1.94 -1.40	57.69 2.38 0.00	53.77 1.77 0.00	47.95 1.15 -0.83	54.13 1.56 -0.52	54.37 1.56 -0.65	54.96 1.25 -1.82	58.56 1.61 -1.60	84.27 3.55 0.00	79.97 3.52 0.00	64.73 2.96 0.00	56.65 2.44 0.00	43.84 1.77 0.00	41.62 1.37 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.56 0.96 -0.01	45.45 0.79 -2.90	40.16 0.68 -1.88	38.22 0.60 -2.49	40.97 0.64 -4.53	47.00 0.74 -7.18	52.80 0.92 -8.02	54.43 0.97 -7.37	50.95 0.81 -2.45	47.24 0.77 5.09	50.35 0.61 1.41	59.47 0.72 -3.43	54.67 0.47 -2.21	49.22 0.28 -2.97	55.07 0.36 -2.66	56.28 0.31 -3.81	57.15 0.31 -4.95	62.21 0.61 -6.25	96.65 1.53 -14.39	84.64 1.61 -6.59	65.20 1.36 -2.07	56.41 0.98 -1.23	42.78 0.46 -0.24	40.61 0.36 0.00
ETNA____115KV_TB2 80207	46.56 0.96 -0.01	45.45 0.79 -2.90	40.16 0.68 -1.88	38.22 0.60 -2.49	40.97 0.64 -4.53	47.00 0.74 -7.18	52.80 0.92 -8.02	54.43 0.97 -7.37	50.95 0.81 -2.45	47.24 0.77 5.09	50.35 0.61 1.41	59.47 0.72 -3.43	54.67 0.47 -2.21	49.22 0.28 -2.97	55.07 0.36 -2.66	56.28 0.31 -3.81	57.15 0.31 -4.95	62.21 0.61 -6.25	96.65 1.53 -14.39	84.64 1.61 -6.59	65.20 1.36 -2.07	56.41 0.98 -1.23	42.78 0.46 -0.24	40.61 0.36 0.00
EUCLID___115KV_TB2 356179	45.05 -0.55 0.00	41.17 -0.58 0.00	36.89 -0.53 0.18	34.60 -0.53 0.00	35.26 -0.54 0.00	38.49 -0.59 0.00	43.25 -0.61 0.00	44.99 -0.74 0.37	46.27 -0.81 0.61	48.20 -0.88 2.48	48.77 -0.87 1.50	53.88 -0.89 0.55	50.01 -0.94 1.05	44.89 -0.78 0.30	50.20 -0.94 0.91	50.70 -0.99 0.47	50.52 -0.99 0.39	53.68 -1.00 0.68	76.57 -1.29 2.86	73.27 -1.22 1.95	59.17 -0.93 1.68	52.05 -0.98 1.18	40.86 -0.88 0.33	39.57 -0.68 0.00
E_CANADA_CAP_HY 24051	48.01 2.42 0.00	43.89 2.13 0.00	39.68 1.88 -0.20	36.74 1.62 0.00	37.62 1.82 0.00	41.22 2.15 0.00	46.23 2.37 0.00	48.22 2.12 0.00	49.60 1.77 -0.14	55.90 1.55 -2.80	53.55 1.43 -0.98	56.97 1.66 0.00	53.04 1.04 0.00	47.17 0.64 -0.56	53.23 0.83 -0.35	62.01 1.10 -8.75	53.83 0.73 -1.21	57.61 1.27 -0.98	84.03 3.31 0.00	79.97 3.52 0.00	64.67 2.90 0.00	56.65 2.44 0.00	44.01 1.94 0.00	41.90 1.65 0.00
E_CANADA_MHWK_HY 24050	46.69 1.09 0.00	42.80 1.04 0.00	38.58 0.98 0.00	36.01 0.88 0.00	36.69 0.90 0.00	40.13 1.06 0.00	45.14 1.27 0.00	47.43 1.34 0.00	48.79 1.10 0.00	52.48 0.93 0.00	51.86 0.72 0.00	56.25 0.94 0.00	52.62 0.63 0.00	46.25 0.28 0.00	52.52 0.47 0.00	52.26 0.10 0.00	51.89 0.00 0.00	55.41 0.06 0.00	81.44 0.72 0.00	77.21 0.76 0.00	62.63 0.86 0.00	55.07 0.86 0.00	43.04 0.97 0.00	41.26 1.01 0.00
E_FISHKILL___LBMP 23776	48.56 2.96 0.00	44.68 2.92 0.00	40.29 2.52 -0.18	37.48 2.35 0.00	38.08 2.29 0.00	41.73 2.66 0.00	46.85 2.98 0.00	49.55 3.46 0.00	51.45 3.62 -0.13	58.19 4.23 -2.41	56.54 4.35 -1.05	60.51 5.03 -0.16	58.93 4.84 -2.10	62.39 4.46 -11.96	70.76 5.10 -13.61	73.44 5.11 -16.18	83.65 5.03 -26.72	83.39 5.37 -22.66	90.27 7.51 -2.05	82.57 6.12 0.00	66.22 4.45 0.00	58.16 3.96 0.00	45.14 3.07 0.00	42.50 2.25 0.00
FALCON___SEABRD_CC1 323796	45.42 -0.18 0.00	41.59 -0.17 0.00	37.41 -0.19 0.00	35.02 -0.11 0.00	35.62 -0.18 0.00	38.92 -0.16 0.00	43.82 -0.04 0.00	46.14 0.05 0.00	48.03 0.34 0.00	51.66 0.10 0.00	51.40 0.26 0.00	55.20 -0.11 0.00	51.89 -0.10 0.00	45.83 -0.14 0.00	51.79 -0.26 0.00	51.85 -0.31 0.00	51.89 0.00 0.00	55.19 -0.17 0.00	80.88 0.16 0.00	77.21 0.76 0.00	62.63 0.86 0.00	54.86 0.65 0.00	42.66 0.59 0.00	40.86 0.60 0.00
FALCON___SEABRD_CC2 323797	45.42 -0.18 0.00	41.59 -0.17 0.00	37.41 -0.19 0.00	35.02 -0.11 0.00	35.62 -0.18 0.00	38.92 -0.16 0.00	43.82 -0.04 0.00	46.14 0.05 0.00	48.03 0.34 0.00	51.66 0.10 0.00	51.40 0.26 0.00	55.20 -0.11 0.00	51.89 -0.10 0.00	45.83 -0.14 0.00	51.79 -0.26 0.00	51.85 -0.31 0.00	51.89 0.00 0.00	55.19 -0.17 0.00	80.88 0.16 0.00	77.21 0.76 0.00	62.63 0.86 0.00	54.86 0.65 0.00	42.66 0.59 0.00	40.86 0.60 0.00

FAR ROCKAWAY___4 23548	50.58 4.97 -0.02	46.56 4.80 0.00	41.77 3.99 -0.18	38.82 3.69 0.00	39.41 3.62 0.00	43.22 4.14 0.00	48.73 4.87 0.00	51.63 5.53 0.00	57.30 5.82 -3.79	60.53 6.44 -2.53	61.25 6.70 -3.40	72.72 7.97 -9.44	90.45 7.64 -30.81	173.66 7.03 -120.65	267.93 8.07 -207.81	268.78 7.98 -208.64	286.15 7.94 -226.32	286.16 8.47 -222.33	342.14 11.95 -249.48	295.77 10.09 -209.23	239.45 7.47 -170.21	110.50 6.61 -49.68	61.50 5.01 -14.42	52.64 3.90 -8.49
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	49.52 3.92 0.00	45.64 3.88 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.80 3.01 0.00	42.51 3.44 0.00	47.81 3.95 0.00	50.75 4.66 0.00	52.86 4.91 -0.25	59.81 5.72 -2.54	61.05 5.83 -4.08	64.57 6.69 -2.56	66.94 6.34 -8.59	77.67 5.88 -25.82	98.19 6.71 -39.42	98.22 6.62 -39.44	117.88 6.59 -59.40	110.04 6.92 -47.77	98.32 9.77 -7.84	84.40 7.95 0.00	67.45 5.68 0.00	59.47 5.26 0.00	46.11 4.04 0.00	43.19 2.94 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	49.52 3.92 0.00	45.64 3.88 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.80 3.01 0.00	42.55 3.48 0.00	47.81 3.95 0.00	50.75 4.66 0.00	52.86 4.91 -0.25	59.81 5.72 -2.54	61.05 5.83 -4.08	64.57 6.69 -2.56	66.94 6.34 -8.59	77.63 5.84 -25.82	98.19 6.71 -39.42	98.22 6.62 -39.44	117.88 6.59 -59.40	110.04 6.92 -47.77	98.32 9.77 -7.84	84.40 7.95 0.00	67.45 5.68 0.00	59.47 5.26 0.00	46.15 4.08 0.00	43.19 2.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	49.47 3.88 0.00	45.60 3.84 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.77 2.97 0.00	42.51 3.44 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.81 4.86 -0.25	59.76 5.67 -2.54	61.05 5.83 -4.08	64.51 6.64 -2.56	66.88 6.29 -8.59	77.63 5.84 -25.82	98.13 6.66 -39.42	98.16 6.57 -39.44	117.83 6.54 -59.40	110.04 6.92 -47.77	98.24 9.69 -7.84	84.32 7.87 0.00	67.39 5.62 0.00	59.41 5.20 0.00	46.11 4.04 0.00	43.15 2.90 0.00
FARRAGUT___LBMP 323566	49.47 3.88 0.00	45.60 3.84 0.00	41.02 3.23 -0.18	38.15 3.02 0.00	38.73 2.94 0.00	42.47 3.40 0.00	47.73 3.86 0.00	50.66 4.56 0.00	52.76 4.82 -0.25	59.71 5.62 -2.54	60.95 5.73 -4.08	64.46 6.58 -2.56	66.83 6.24 -8.59	77.53 5.75 -25.82	98.08 6.61 -39.42	98.11 6.52 -39.44	117.73 6.43 -59.40	109.93 6.81 -47.77	98.08 9.52 -7.84	84.17 7.72 0.00	67.33 5.56 0.00	59.36 5.15 0.00	46.07 4.00 0.00	43.11 2.86 0.00
FARRCKWY_69_KV_BK2 55825	50.58 4.97 -0.02	46.56 4.80 0.00	41.77 3.99 -0.18	38.82 3.69 0.00	39.41 3.62 0.00	43.22 4.14 0.00	48.73 4.87 0.00	51.63 5.53 0.00	57.30 5.82 -3.79	60.53 6.44 -2.53	61.25 6.70 -3.40	72.72 7.97 -9.44	90.45 7.64 -30.81	173.66 7.03 -120.65	267.93 8.07 -207.81	268.78 7.98 -208.64	286.15 7.94 -226.32	286.16 8.47 -222.33	342.14 11.95 -249.48	295.77 10.09 -209.23	239.45 7.47 -170.21	110.50 6.61 -49.68	61.50 5.01 -14.42	52.64 3.90 -8.49
FENNER___WINDPWR 24204	46.42 0.82 0.00	42.42 0.67 0.00	37.95 0.56 0.21	35.58 0.46 0.00	36.99 0.54 -0.66	41.19 0.62 -1.49	46.40 0.79 -1.75	48.28 0.87 -1.31	48.27 0.86 0.28	49.74 0.77 2.59	50.66 0.66 1.15	56.24 0.94 0.02	52.08 0.52 0.44	46.32 0.18 -0.17	52.21 0.37 0.20	52.89 0.26 -0.47	52.54 0.21 -0.44	56.32 0.28 -0.69	84.15 1.45 -1.98	78.53 1.45 -0.63	62.92 1.36 0.21	54.75 1.03 0.48	42.57 0.63 0.14	40.77 0.52 0.00
FIBERTEK___ENERGY 23856	45.69 0.09 0.00	41.76 0.00 0.00	37.32 -0.04 0.24	35.09 -0.04 0.00	36.89 -0.04 -1.13	41.55 -0.08 -2.55	46.81 -0.04 -2.99	48.46 -0.14 -2.50	47.61 -0.19 -0.11	49.26 -0.21 2.08	50.36 -0.15 0.63	56.03 -0.17 -0.88	51.74 -0.26 0.00	46.08 -0.23 -0.34	51.90 -0.36 -0.21	52.53 -0.42 -0.79	52.16 -0.42 -0.69	56.31 -0.39 -1.34	85.79 -0.32 -5.39	78.66 -0.23 -2.44	62.47 -0.12 -0.83	53.94 -0.27 0.00	41.69 -0.38 0.00	40.01 -0.24 0.00
FITZPATRICK___ 23598	44.37 -1.23 0.00	40.63 -1.13 0.00	36.59 -1.01 0.00	34.18 -0.95 0.00	34.83 -0.96 0.00	38.02 -1.05 0.00	42.59 -1.27 0.00	44.62 -1.48 0.00	44.60 -1.57 1.52	43.50 -1.70 6.35	46.70 -1.69 2.76	48.70 -1.82 4.79	50.23 -1.77 0.00	44.45 -1.52 0.00	50.28 -1.77 0.00	50.82 -1.77 -0.44	50.13 -1.76 0.00	53.53 -1.83 0.00	78.13 -2.59 0.00	74.00 -2.45 0.00	59.85 -1.92 0.00	52.42 -1.79 0.00	40.64 -1.43 0.00	39.00 -1.25 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	49.34 3.74 0.00	45.31 3.55 0.00	40.83 3.05 -0.18	37.97 2.85 0.00	38.55 2.76 0.00	42.28 3.20 0.00	47.51 3.64 0.00	50.20 4.10 0.00	52.07 4.24 -0.13	58.98 4.95 -2.47	57.12 5.11 -0.87	61.18 5.86 0.00	62.47 5.62 -4.85	69.42 5.06 -18.39	83.95 5.83 -26.07	85.47 5.84 -27.47	99.95 5.86 -42.19	96.19 6.37 -34.47	94.41 8.88 -4.81	83.79 7.34 0.00	67.27 5.50 0.00	58.92 4.72 0.00	45.69 3.62 0.00	42.99 2.74 0.00
FORT ORANGE___ 23900	47.06 1.46 0.00	43.18 1.42 0.00	38.92 1.32 0.00	36.29 1.16 0.00	37.01 1.22 0.00	40.40 1.33 0.00	45.40 1.53 0.00	47.71 1.61 0.00	49.03 1.33 0.00	52.99 1.44 0.00	52.42 1.28 0.00	56.59 1.27 0.00	53.24 1.25 0.00	47.81 1.10 -0.74	53.76 1.25 -0.46	61.19 1.46 -7.58	54.78 1.40 -1.48	58.26 1.82 -1.08	83.22 2.51 0.00	78.43 1.98 0.00	63.25 1.48 0.00	55.51 1.30 0.00	43.29 1.22 0.00	41.34 1.09 0.00
FORT_DRUM_COGEN 23780	45.28 -0.32 0.00	41.22 -0.54 0.00	37.04 -0.56 0.00	34.43 -0.70 0.00	35.15 -0.64 0.00	38.57 -0.51 0.00	43.43 -0.44 0.00	45.77 -0.32 0.00	47.47 -0.38 -0.16	51.28 -0.93 -0.65	50.25 -1.18 -0.28	54.81 -1.00 -0.49	50.07 -1.92 0.00	43.44 -2.53 0.00	49.76 -2.29 0.00	49.90 -2.66 -0.40	49.35 -2.54 0.00	52.48 -2.88 0.00	80.23 -0.48 0.00	76.76 0.31 0.00	62.88 1.11 0.00	54.75 0.54 0.00	42.28 0.21 0.00	40.45 0.20 0.00
FOX_HILLS___ESR 323835	49.66 4.06 -0.01	45.57 3.80 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.72 3.63 -0.01	48.08 4.21 -0.01	50.94 4.84 -0.01	52.96 5.01 -0.26	59.72 5.62 -2.55	61.09 5.88 -4.07	64.56 6.69 -2.55	66.92 6.34 -8.58	77.28 5.51 -25.80	97.69 6.24 -39.39	98.03 6.47 -39.41	117.68 6.43 -59.36	109.79 6.70 -47.74	97.91 9.36 -7.83	83.95 7.50 0.00	67.08 5.31 0.00	59.64 5.42 -0.01	46.29 4.21 -0.01	43.64 3.38 -0.01
FPL_FAR_ROCK_GT1 24212	50.54 4.93 -0.02	46.36 4.59 -0.01	41.69 3.91 -0.18	38.71 3.58 0.00	39.34 3.54 0.00	43.22 4.14 0.00	48.78 4.91 0.00	51.63 5.53 -0.01	57.30 5.82 -3.79	60.21 6.13 -2.53	61.19 6.65 -3.40	72.72 7.97 -9.44	90.46 7.65 -30.81	173.66 7.03 -120.65	267.93 8.07 -207.81	268.78 7.98 -208.65	286.09 7.88 -226.32	286.17 8.47 -222.34	342.14 11.94 -249.48	295.77 10.09 -209.23	239.44 7.47 -170.21	110.50 6.61 -49.68	61.46 4.96 -14.42	52.88 4.15 -8.49
FPL_FAR_ROCK_GT2 23815	50.54 4.93 -0.02	46.36 4.59 -0.01	41.69 3.91 -0.18	38.71 3.58 0.00	39.34 3.54 0.00	43.22 4.14 0.00	48.78 4.91 0.00	51.63 5.53 -0.01	57.30 5.82 -3.79	60.21 6.13 -2.53	61.19 6.65 -3.40	72.72 7.97 -9.44	90.46 7.65 -30.81	173.66 7.03 -120.65	267.93 8.07 -207.81	268.78 7.98 -208.65	286.09 7.88 -226.32	286.17 8.47 -222.34	342.14 11.94 -249.48	295.77 10.09 -209.23	239.44 7.47 -170.21	110.50 6.61 -49.68	61.46 4.96 -14.42	52.88 4.15 -8.49

FRANKLIN_FALL_HYD 24054	44.41 -1.19 0.00	40.67 -1.09 0.00	36.58 -1.02 0.00	34.21 -0.91 0.00	34.79 -1.00 0.00	38.02 -1.06 0.00	43.30 -0.57 0.00	45.54 -0.55 0.00	47.45 -0.24 0.00	51.19 -0.36 0.00	50.73 -0.41 0.00	54.43 -0.89 0.00	51.17 -0.83 0.00	45.19 -0.78 0.00	51.11 -0.94 0.00	51.11 -1.04 0.00	51.16 -0.73 0.00	54.47 -0.89 0.00	79.83 -0.89 0.00	76.30 -0.15 0.00	61.15 -0.62 0.00	53.56 -0.65 0.00	41.61 -0.46 0.00	39.89 -0.36 0.00
FREEPORT_EQUS_GT1 23764	50.44 4.83 -0.02	46.24 4.47 -0.01	41.58 3.80 -0.18	38.64 3.51 0.00	39.23 3.44 0.00	43.10 4.03 0.00	48.73 4.87 0.00	51.59 5.48 -0.01	57.21 5.72 -3.79	59.96 5.87 -2.53	60.68 6.13 -3.40	72.00 7.24 -9.44	89.73 6.92 -30.81	133.02 6.20 -80.84	191.28 7.13 -132.10	267.89 7.09 -208.64	285.32 7.11 -226.32	285.28 7.58 -222.34	340.93 10.74 -249.48	294.77 9.09 -209.23	238.65 6.67 -170.21	109.96 6.07 -49.68	61.33 4.84 -14.42	52.76 4.02 -8.49
FREEPORT___CT2 23818	50.44 4.83 -0.02	46.24 4.47 -0.01	41.58 3.80 -0.18	38.64 3.51 0.00	39.23 3.44 0.00	43.10 4.03 0.00	48.73 4.87 0.00	51.59 5.48 -0.01	57.21 5.72 -3.79	59.96 5.87 -2.53	60.68 6.13 -3.40	72.00 7.24 -9.44	89.73 6.92 -30.81	133.02 6.20 -80.84	191.28 7.13 -132.10	267.89 7.09 -208.64	285.32 7.11 -226.32	285.28 7.58 -222.34	340.93 10.74 -249.48	294.77 9.09 -209.23	238.65 6.67 -170.21	109.96 6.07 -49.68	61.33 4.84 -14.42	52.76 4.02 -8.49
FRESHKLS_33_KV_LOAD 356253	49.80 4.19 -0.01	45.69 3.92 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.87 3.79 -0.01	48.26 4.39 -0.01	51.08 4.98 -0.01	53.06 5.11 -0.26	59.77 5.67 -2.55	61.14 5.93 -4.07	64.67 6.80 -2.55	66.97 6.39 -8.58	77.28 5.51 -25.80	97.69 6.24 -39.39	98.08 6.52 -39.41	117.74 6.49 -59.36	109.85 6.75 -47.74	98.07 9.52 -7.83	84.09 7.64 0.00	67.20 5.44 0.00	59.80 5.58 -0.01	46.42 4.33 -0.01	43.76 3.50 -0.01
FULTON COGEN____ 23766	44.78 -0.82 0.00	40.92 -0.84 0.00	36.68 -0.75 0.17	34.43 -0.70 0.00	35.08 -0.72 0.00	38.25 -0.82 0.00	42.99 -0.88 0.00	45.60 -1.01 -0.52	47.85 -1.10 -1.25	50.89 -1.19 -0.52	51.29 -1.18 -1.32	57.00 -1.27 -2.96	52.18 -1.30 -1.48	45.91 -1.15 -1.09	52.40 -1.35 -1.70	53.02 -1.36 -2.22	52.30 -1.40 -1.82	56.06 -1.44 -2.14	82.63 -1.86 -3.77	77.34 -1.68 -2.57	62.68 -1.30 -2.21	54.46 -1.30 -1.55	41.33 -1.18 -0.43	39.32 -0.93 0.00
FULTON___LFGE 323630	48.33 2.74 0.00	44.18 2.42 0.00	39.91 2.14 -0.17	36.99 1.86 0.00	37.87 2.08 0.00	41.50 2.42 0.00	46.50 2.63 0.00	48.40 2.30 0.00	49.72 1.91 -0.12	55.48 1.65 -2.28	53.47 1.53 -0.80	56.97 1.66 0.00	53.04 1.04 0.00	47.06 0.64 -0.44	53.11 0.78 -0.28	61.66 1.20 -8.30	53.88 1.04 -0.95	57.76 1.66 -0.74	84.67 3.95 0.00	80.73 4.28 0.00	65.29 3.52 0.00	57.24 3.03 0.00	44.26 2.19 0.00	42.14 1.89 0.00
G.F.CEMENT___DRP 24184	48.84 3.24 0.00	44.76 3.01 0.00	40.27 2.67 0.00	37.48 2.35 0.00	38.34 2.54 0.00	42.01 2.93 0.00	47.16 3.29 0.00	49.41 3.32 0.00	50.94 3.24 0.00	54.85 3.30 0.00	54.42 3.27 0.00	58.80 3.48 0.00	54.86 2.86 0.00	48.97 2.25 -0.75	54.91 2.39 -0.47	62.88 2.92 -7.81	56.33 2.85 -1.59	60.00 3.32 -1.33	86.29 5.57 0.00	81.50 5.05 0.00	65.78 4.01 0.00	57.79 3.58 0.00	44.51 2.44 0.00	42.50 2.25 0.00
GARDENVILLE___LBMP 24039	41.91 -3.65 0.04	23.40 -3.88 14.47	21.72 -3.53 12.34	19.21 -3.34 12.58	18.98 -3.29 13.52	20.71 -3.52 14.85	24.85 -3.73 15.28	25.81 -3.87 16.41	32.35 -4.20 11.14	33.03 -4.38 14.14	32.32 -4.50 14.33	30.11 -4.65 20.55	28.73 -4.37 18.90	25.46 -3.77 16.74	22.05 -4.58 25.42	24.85 -4.64 22.67	25.08 -4.88 21.93	28.40 -4.93 22.03	34.42 -7.02 39.27	50.58 -6.73 19.14	46.97 -5.44 9.36	41.61 -4.55 8.04	36.11 -3.95 2.01	36.35 -3.90 0.00
GARDNVLA_35_KV_LD 355827	42.01 -3.56 0.03	25.19 -3.84 12.73	23.21 -3.46 10.93	20.76 -3.30 11.06	20.55 -3.26 11.99	22.33 -3.48 13.27	26.46 -3.64 13.76	27.67 -3.73 14.69	33.47 -4.05 10.17	34.10 -4.28 13.17	32.36 -4.40 14.39	31.58 -4.54 19.20	29.45 -4.26 18.28	27.31 -3.68 14.98	24.29 -4.48 23.28	26.91 -4.59 20.65	27.70 -4.83 19.36	30.93 -4.87 19.56	38.11 -6.94 35.66	52.42 -6.57 17.45	47.78 -5.37 8.61	42.39 -4.45 7.37	36.40 -3.87 1.80	36.39 -3.86 0.00
GELCKHM___115KV_LOAD 80723	45.28 -0.32 0.00	41.38 -0.38 0.00	37.06 -0.34 0.20	34.78 -0.35 0.00	36.06 -0.36 -0.62	40.05 -0.43 -1.40	45.11 -0.39 -1.64	46.72 -0.51 -1.13	46.75 -0.57 0.37	48.56 -0.62 2.38	49.31 -0.61 1.22	54.64 -0.61 0.06	50.62 -0.68 0.70	45.29 -0.60 0.08	50.79 -0.73 0.53	51.33 -0.78 0.04	51.08 -0.78 0.03	54.72 -0.77 -0.14	80.89 -0.89 -1.06	75.65 -0.84 -0.04	60.42 -0.68 0.67	52.72 -0.70 0.79	41.14 -0.72 0.22	39.73 -0.52 0.00
GENERAL___MILLS 23808	42.01 -3.56 0.03	24.76 -3.80 13.20	22.83 -3.46 11.31	20.35 -3.30 11.48	20.17 -3.22 12.40	21.90 -3.48 13.70	26.05 -3.64 14.18	27.16 -3.78 15.16	33.16 -4.10 10.43	33.79 -4.33 13.43	32.32 -4.45 14.37	31.21 -4.54 19.57	29.28 -4.26 18.45	26.79 -3.72 15.46	23.66 -4.53 23.86	26.37 -4.59 21.20	27.06 -4.77 20.06	30.26 -4.87 20.23	37.13 -6.94 36.64	51.89 -6.65 17.91	47.52 -5.44 8.82	42.21 -4.45 7.55	36.30 -3.91 1.86	36.35 -3.90 0.00
GE_PLASTICS___DRP 24183	46.83 1.23 0.00	43.05 1.29 0.00	38.77 1.17 0.00	36.22 1.09 0.00	36.90 1.11 0.00	40.29 1.21 0.00	45.18 1.32 0.00	47.52 1.43 0.00	49.03 1.34 0.00	52.53 0.98 0.00	52.12 0.97 0.00	56.42 1.11 0.00	53.09 1.09 0.00	47.23 1.01 -0.25	53.35 1.15 -0.15	60.87 1.25 -7.46	53.61 1.19 -0.53	56.74 1.38 0.00	82.41 1.70 0.00	77.75 1.30 0.00	62.69 0.93 0.00	55.07 0.87 0.00	43.21 1.14 0.00	41.14 0.89 0.00
GILBOA___1 23756	47.15 1.55 0.00	43.18 1.42 0.00	39.24 1.43 -0.21	36.46 1.33 0.00	37.23 1.43 0.00	40.44 1.37 0.00	45.44 1.58 0.00	47.89 1.80 0.00	49.65 1.81 -0.15	56.46 2.06 -2.85	54.19 2.05 -1.00	57.75 2.43 0.00	54.34 2.34 0.00	49.18 2.12 -1.10	55.13 2.40 -0.68	60.86 2.45 -6.25	56.53 2.28 -2.36	59.98 2.49 -2.13	83.95 3.23 0.00	79.05 2.60 0.00	63.80 2.04 0.00	56.16 1.95 0.00	43.59 1.51 0.00	41.50 1.25 0.00
GILBOA___2 23757	47.15 1.55 0.00	43.18 1.42 0.00	39.24 1.43 -0.21	36.46 1.33 0.00	37.23 1.43 0.00	40.44 1.37 0.00	45.44 1.58 0.00	47.89 1.80 0.00	49.65 1.81 -0.15	56.46 2.06 -2.85	54.19 2.05 -1.00	57.75 2.43 0.00	54.34 2.34 0.00	49.18 2.12 -1.10	55.13 2.40 -0.68	60.86 2.45 -6.25	56.53 2.28 -2.36	59.98 2.49 -2.13	83.95 3.23 0.00	79.05 2.60 0.00	63.80 2.04 0.00	56.16 1.95 0.00	43.59 1.51 0.00	41.50 1.25 0.00
GILBOA___3 23758	47.15 1.55 0.00	43.18 1.42 0.00	39.24 1.43 -0.21	36.46 1.33 0.00	37.23 1.43 0.00	40.44 1.37 0.00	45.44 1.58 0.00	47.89 1.80 0.00	49.65 1.81 -0.15	56.46 2.06 -2.85	54.19 2.05 -1.00	57.75 2.43 0.00	54.34 2.34 0.00	49.18 2.12 -1.10	55.13 2.40 -0.68	60.86 2.45 -6.25	56.53 2.28 -2.36	59.98 2.49 -2.13	83.95 3.23 0.00	79.05 2.60 0.00	63.80 2.04 0.00	56.16 1.95 0.00	43.59 1.51 0.00	41.50 1.25 0.00

GILBOA___4 23759	47.15 1.55 0.00	43.18 1.42 0.00	39.24 1.43 -0.21	36.46 1.33 0.00	37.23 1.43 0.00	40.44 1.37 0.00	45.44 1.58 0.00	47.89 1.80 0.00	49.65 1.81 -0.15	56.46 2.06 -2.85	54.19 2.05 -1.00	57.75 2.43 0.00	54.34 2.34 0.00	49.18 2.12 -1.10	55.13 2.40 -0.68	60.86 2.45 -6.25	56.53 2.28 -2.36	59.98 2.49 -2.13	83.95 3.23 0.00	79.05 2.60 0.00	63.80 2.04 0.00	56.16 1.95 0.00	43.59 1.51 0.00	41.50 1.25 0.00
GILBOA____ 23599	47.15 1.55 0.00	43.30 1.55 0.00	39.27 1.47 -0.21	36.50 1.37 0.00	37.30 1.50 0.00	40.64 1.56 0.00	45.44 1.58 0.00	47.89 1.80 0.00	49.65 1.81 -0.15	56.46 2.06 -2.85	54.24 2.10 -1.00	57.75 2.43 0.00	54.34 2.34 0.00	49.18 2.11 -1.10	55.13 2.39 -0.68	60.86 2.45 -6.25	56.54 2.28 -2.37	59.97 2.49 -2.12	83.95 3.23 0.00	79.05 2.60 0.00	63.81 2.04 0.00	56.16 1.95 0.00	43.59 1.51 0.00	41.38 1.13 0.00
GINNA____ 23603	42.31 -3.28 0.00	38.13 -3.34 0.28	33.92 -3.08 0.60	31.95 -2.92 0.27	28.36 -2.97 4.47	26.13 -3.20 9.74	28.92 -3.55 11.40	32.15 -3.73 10.21	42.48 -3.82 1.39	40.71 -4.13 6.72	44.81 -4.14 2.20	50.11 -4.70 0.51	47.23 -4.52 0.24	40.72 -3.91 1.35	44.48 -4.74 2.83	45.23 -4.80 2.13	45.31 -4.77 1.81	45.76 -5.04 4.56	47.61 -6.86 26.25	57.32 -6.19 12.94	50.63 -4.88 6.26	47.47 -4.55 2.18	37.68 -3.79 0.61	36.91 -3.34 0.00
GLEN PARK____ 23778	45.46 -0.14 0.00	41.42 -0.34 0.00	37.19 -0.41 0.00	34.56 -0.56 0.00	35.33 -0.47 0.00	38.76 -0.31 0.00	43.60 -0.26 0.00	45.96 -0.14 0.00	47.62 -0.24 -0.16	51.40 -0.83 -0.68	50.36 -1.08 -0.29	54.94 -0.89 -0.51	50.18 -1.82 0.00	43.53 -2.44 0.00	49.87 -2.18 0.00	49.96 -2.61 -0.41	49.40 -2.49 0.00	52.59 -2.77 0.00	80.48 -0.24 0.00	76.99 0.54 0.00	63.07 1.30 0.00	54.91 0.70 0.00	42.37 0.30 0.00	40.49 0.24 0.00
GLENDALE_27_KV_LOAD 356172	49.75 4.15 0.00	45.81 4.05 0.00	41.24 3.46 -0.18	38.36 3.23 0.00	38.98 3.19 0.00	42.71 3.63 0.00	47.99 4.12 0.00	51.03 4.93 0.00	53.14 5.20 -0.25	60.02 5.93 -2.54	61.23 6.14 -3.95	64.75 6.97 -2.46	67.16 6.60 -8.56	77.70 5.93 -25.80	98.16 6.71 -39.40	98.39 6.83 -39.40	118.00 6.75 -59.36	110.17 7.09 -47.73	98.40 9.85 -7.83	84.40 7.95 0.00	67.51 5.74 0.00	59.74 5.53 0.00	46.32 4.25 0.00	43.35 3.10 0.00
GLENWOOD_IC_1_G5 23712	49.94 4.33 -0.02	45.93 4.18 0.00	41.28 3.50 -0.18	38.39 3.27 0.00	38.98 3.19 0.00	42.75 3.67 0.00	48.16 4.30 0.00	51.03 4.93 0.00	56.68 5.20 -3.79	59.96 5.88 -2.53	60.63 6.09 -3.40	71.50 6.75 -9.44	89.31 6.50 -30.81	125.41 6.02 -73.41	176.89 6.87 -117.97	267.63 6.83 -208.64	284.96 6.75 -226.32	284.83 7.14 -222.33	340.20 10.01 -249.48	294.01 8.33 -209.23	238.03 6.05 -170.21	109.25 5.37 -49.68	60.87 4.38 -14.42	52.08 3.34 -8.49
GLENWOOD_IC_2_G1 23688	49.58 3.97 -0.02	45.48 3.72 -0.01	40.98 3.19 -0.18	38.11 2.98 0.00	38.69 2.90 0.00	42.51 3.44 0.00	47.90 4.03 0.00	50.71 4.61 -0.01	56.35 4.87 -3.79	59.44 5.36 -2.53	60.22 5.68 -3.40	71.33 6.58 -9.44	89.15 6.34 -30.81	115.43 5.84 -63.62	158.05 6.66 -99.34	267.42 6.62 -208.64	284.80 6.59 -226.31	284.67 6.97 -222.34	339.96 9.76 -249.48	293.78 8.10 -209.23	237.90 5.93 -170.21	109.20 5.32 -49.68	60.57 4.08 -14.42	52.04 3.30 -8.49
GLENWOOD_IC_3_G1 23689	49.58 3.97 -0.02	45.48 3.72 -0.01	40.98 3.19 -0.18	38.11 2.98 0.00	38.69 2.90 0.00	42.51 3.44 0.00	47.90 4.03 0.00	50.71 4.61 -0.01	56.35 4.87 -3.79	59.44 5.36 -2.53	60.22 5.68 -3.40	71.33 6.58 -9.44	89.15 6.34 -30.81	115.43 5.84 -63.62	158.05 6.66 -99.34	267.42 6.62 -208.64	284.80 6.59 -226.31	284.67 6.97 -222.34	339.96 9.76 -249.48	293.78 8.10 -209.23	237.90 5.93 -170.21	109.20 5.32 -49.68	60.57 4.08 -14.42	52.04 3.30 -8.49
GLENWOOD___4 23550	49.94 4.33 -0.02	45.93 4.18 0.00	41.28 3.50 -0.18	38.39 3.27 0.00	38.98 3.19 0.00	42.75 3.67 0.00	48.16 4.30 0.00	51.03 4.93 0.00	56.68 5.20 -3.79	59.96 5.88 -2.53	60.63 6.09 -3.40	71.67 6.91 -9.44	89.47 6.66 -30.81	125.50 6.11 -73.41	177.04 7.03 -117.97	267.74 6.94 -208.64	285.06 6.85 -226.32	284.99 7.31 -222.33	340.36 10.17 -249.48	294.16 8.49 -209.23	238.15 6.18 -170.21	109.42 5.53 -49.68	60.87 4.38 -14.42	52.08 3.34 -8.49
GLENWOOD___5 23614	49.94 4.33 -0.02	45.93 4.18 0.00	41.28 3.50 -0.18	38.39 3.27 0.00	38.98 3.19 0.00	42.75 3.67 0.00	48.16 4.30 0.00	51.03 4.93 0.00	56.68 5.20 -3.79	59.96 5.88 -2.53	60.63 6.09 -3.40	71.67 6.91 -9.44	89.47 6.66 -30.81	125.50 6.11 -73.41	177.04 7.03 -117.97	267.74 6.94 -208.64	285.06 6.85 -226.32	284.99 7.31 -222.33	340.36 10.17 -249.48	294.16 8.49 -209.23	238.15 6.18 -170.21	109.42 5.53 -49.68	60.87 4.38 -14.42	52.08 3.34 -8.49
GLOBAL GREEN_PORT_GT1 23814	51.04 5.42 -0.02	46.73 4.97 -0.01	41.88 4.10 -0.18	38.92 3.79 0.00	39.52 3.72 0.00	43.41 4.34 0.00	49.17 5.31 0.00	52.42 6.32 -0.01	58.21 6.73 -3.79	60.68 6.60 -2.53	61.30 6.75 -3.40	72.05 7.30 -9.44	89.42 6.60 -30.81	108.99 6.44 -56.58	145.50 7.50 -85.95	268.26 7.46 -208.64	285.68 7.47 -226.31	285.50 7.81 -222.34	341.09 10.89 -249.48	295.99 10.32 -209.23	240.68 8.71 -170.21	111.26 7.37 -49.68	61.71 5.22 -14.42	53.24 4.51 -8.49
GLOBE___DSASP 323697	40.77 -4.79 0.04	26.34 -4.89 10.53	24.15 -4.40 9.05	21.80 -4.15 9.18	21.32 -4.15 10.33	22.67 -4.57 11.83	26.08 -5.04 12.74	26.81 -5.35 13.94	29.84 -6.10 11.75	29.73 -6.55 15.28	29.07 -6.55 15.53	28.62 -6.69 20.00	26.53 -6.29 19.18	27.50 -5.33 13.14	24.22 -6.14 21.69	26.78 -6.21 19.17	29.29 -6.28 16.32	31.87 -6.59 16.90	38.06 -9.61 33.06	50.85 -9.17 16.42	46.35 -7.35 8.06	39.77 -6.50 7.94	34.77 -5.47 1.83	35.52 -4.71 0.02
GOETHSLN___LBMP 323567	49.34 3.74 0.00	45.43 3.67 0.00	40.86 3.08 -0.18	38.01 2.88 0.00	38.59 2.79 0.00	42.32 3.24 0.00	47.59 3.73 0.00	50.52 4.43 0.00	52.62 4.67 -0.25	59.55 5.46 -2.54	60.80 5.57 -4.08	64.24 6.36 -2.56	66.57 5.98 -8.59	77.30 5.52 -25.82	97.77 6.30 -39.42	97.80 6.21 -39.44	117.47 6.17 -59.40	109.65 6.53 -47.77	97.68 9.12 -7.84	83.79 7.34 0.00	67.02 5.25 0.00	59.25 5.04 0.00	45.94 3.87 0.00	42.99 2.74 0.00
GOLAH___69_KV_TB 1_2 80279	43.77 -1.82 0.00	37.77 -2.25 1.73	33.71 -2.07 1.82	31.60 -2.00 1.52	29.71 -2.00 4.08	29.63 -2.15 7.30	33.26 -2.24 8.37	35.58 -2.49 8.02	42.32 -2.72 2.66	40.45 -3.09 8.01	27.22 -3.22 20.70	32.90 -3.60 18.81	25.59 -3.48 22.92	38.23 -2.94 4.80	35.74 -3.59 12.72	37.60 -3.70 10.86	44.34 -3.79 3.76	46.06 -3.76 5.53	54.46 -4.92 21.33	61.23 -4.43 10.79	52.87 -3.27 5.62	48.22 -3.09 2.90	38.53 -2.78 0.77	38.16 -2.09 0.00
GOODYEAR_LAKE_HYD 323669	47.56 1.96 0.00	43.51 1.75 0.00	39.63 1.58 -0.46	36.53 1.41 0.00	37.84 1.54 -0.51	41.99 1.76 -1.16	47.19 1.97 -1.35	49.44 2.21 -1.14	50.30 2.24 -0.36	60.40 2.42 -6.42	55.76 2.35 -2.26	58.38 2.93 -0.13	54.44 2.44 0.00	49.11 1.79 -1.35	55.18 2.29 -0.84	56.90 2.14 -2.60	56.75 1.92 -2.94	60.37 2.10 -2.91	86.97 3.79 -2.46	81.00 3.44 -1.11	64.98 2.84 -0.37	56.59 2.39 0.00	43.80 1.73 0.00	41.54 1.29 0.00

GOUDEY___1 345031	46.19 0.59 0.00	42.61 0.50 -0.35	39.91 0.38 -1.94	35.81 0.35 -0.34	37.65 0.39 -1.47	42.40 0.47 -2.85	47.85 0.61 -3.37	49.43 0.65 -2.68	49.53 0.52 -1.31	76.09 0.62 -23.92	58.77 0.66 -6.96	55.30 0.89 0.90	50.97 0.73 1.76	48.33 0.60 -1.76	54.53 0.68 -1.80	56.21 0.63 -3.43	55.62 0.57 -3.16	59.00 0.77 -2.87	87.22 1.37 -5.13	79.43 1.15 -1.84	62.76 0.86 -0.12	54.47 0.70 0.44	42.18 0.25 0.15	40.21 -0.04 0.00
GOUDEY___7 23579	46.19 0.59 0.00	42.61 0.50 -0.35	39.91 0.38 -1.94	35.81 0.35 -0.34	37.65 0.39 -1.47	42.40 0.47 -2.85	47.85 0.61 -3.37	49.43 0.65 -2.68	49.53 0.52 -1.31	76.09 0.62 -23.92	58.77 0.66 -6.96	55.30 0.89 0.90	50.97 0.73 1.76	48.33 0.60 -1.76	54.53 0.68 -1.80	56.21 0.63 -3.43	55.62 0.57 -3.16	59.00 0.77 -2.87	87.22 1.37 -5.13	79.43 1.15 -1.84	62.76 0.86 -0.12	54.47 0.70 0.44	42.18 0.25 0.15	40.21 -0.04 0.00
GOUDEY___8 23580	46.19 0.59 0.00	42.61 0.50 -0.35	39.91 0.38 -1.94	35.81 0.35 -0.34	37.65 0.39 -1.47	42.40 0.47 -2.85	47.85 0.61 -3.37	49.43 0.65 -2.68	49.53 0.52 -1.31	76.09 0.62 -23.92	58.77 0.66 -6.96	55.30 0.89 0.90	50.97 0.73 1.76	48.33 0.60 -1.76	54.53 0.68 -1.80	56.21 0.63 -3.43	55.62 0.57 -3.16	59.00 0.77 -2.87	87.22 1.37 -5.13	79.43 1.15 -1.84	62.76 0.86 -0.12	54.47 0.70 0.44	42.18 0.25 0.15	40.21 -0.04 0.00
GOWANUS_GT1_1 24077	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT1_2 24078	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT1_3 24079	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT1_4 24080	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT1_5 24084	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT1_6 24111	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT1_7 24112	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT1_8 24113	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT2_1 24114	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT2_2 24115	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT2_3 24116	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT2_4 24117	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01

GOWANUS_GT2_5 24118	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT2_6 24119	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT2_7 24120	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT2_8 24121	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT3_1 24122	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT3_2 24123	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT3_3 24124	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT3_4 24125	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT3_5 24126	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT3_6 24127	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT3_7 24128	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT3_8 24129	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
GOWANUS_GT4_1 24130	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT4_2 24131	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT4_3 24132	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01

GOWANUS_GT4_4 24133	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT4_5 24134	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT4_6 24135	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT4_7 24136	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GOWANUS_GT4_8 24137	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GREENBSH_115KV_TB3 55895	46.78 1.19 0.00	43.01 1.25 0.00	38.73 1.13 0.00	36.15 1.02 0.00	36.87 1.07 0.00	40.25 1.17 0.00	45.14 1.27 0.00	47.43 1.34 0.00	48.84 1.14 0.00	52.58 1.03 0.00	52.17 1.02 0.00	56.48 1.16 0.00	53.14 1.14 0.00	47.66 0.97 -0.72	53.59 1.09 -0.45	61.05 1.30 -7.59	54.67 1.25 -1.53	58.21 1.55 -1.31	82.74 2.02 0.00	78.05 1.61 0.00	62.88 1.11 0.00	55.24 1.03 0.00	43.13 1.05 0.00	41.06 0.81 0.00
GREENDGE_115KV_TB5 80291	45.45 -0.18 -0.04	55.01 -0.33 -13.59	47.30 -0.41 -10.12	46.37 -0.39 -11.63	58.71 -0.29 -23.20	77.07 -0.23 -38.23	86.66 0.00 -42.79	85.40 -0.09 -39.40	59.81 -0.24 -12.35	41.28 -0.41 9.86	48.11 -0.56 2.47	68.68 -0.66 -14.03	61.40 -0.78 -10.18	55.37 -0.69 -10.09	59.10 -0.99 -8.04	60.15 -1.04 -9.04	68.09 -0.93 -17.14	80.35 -0.66 -25.66	159.82 -0.32 -79.43	113.65 -0.15 -37.35	74.80 0.00 -13.03	61.10 -0.22 -7.11	42.98 -0.63 -1.54	39.53 -0.72 0.00
GREENIDGE___3 23582	45.45 -0.18 -0.04	55.01 -0.33 -13.59	47.30 -0.41 -10.12	46.37 -0.39 -11.63	58.71 -0.29 -23.20	77.07 -0.23 -38.23	86.66 0.00 -42.79	85.40 -0.09 -39.40	59.81 -0.24 -12.35	41.28 -0.41 9.86	48.11 -0.56 2.47	68.68 -0.66 -14.03	61.40 -0.78 -10.18	55.37 -0.69 -10.09	59.10 -0.99 -8.04	60.15 -1.04 -9.04	68.09 -0.93 -17.14	80.35 -0.66 -25.66	159.82 -0.32 -79.43	113.65 -0.15 -37.35	74.80 0.00 -13.03	61.10 -0.22 -7.11	42.98 -0.63 -1.54	39.53 -0.72 0.00
GREENIDGE___4 23583	45.45 -0.18 -0.04	55.01 -0.34 -13.59	47.30 -0.41 -10.12	46.37 -0.39 -11.63	58.70 -0.29 -23.20	77.11 -0.19 -38.23	86.61 -0.04 -42.79	85.40 -0.09 -39.40	59.81 -0.24 -12.35	41.28 -0.41 9.86	48.11 -0.56 2.47	68.68 -0.66 -14.03	61.40 -0.78 -10.18	55.37 -0.69 -10.09	59.10 -0.99 -8.04	60.15 -1.04 -9.04	68.09 -0.93 -17.13	80.35 -0.66 -25.66	159.82 -0.32 -79.43	113.65 -0.15 -37.35	74.80 0.00 -13.03	61.10 -0.22 -7.11	43.03 -0.59 -1.54	39.48 -0.77 0.00
GREENLWN_69_KV_BK 3 55738	50.36 4.74 -0.02	46.31 4.55 0.00	41.54 3.76 -0.18	38.61 3.48 0.00	39.23 3.44 0.00	43.02 3.95 0.00	48.56 4.69 0.00	51.44 5.35 0.00	57.07 5.58 -3.79	59.91 5.83 -2.53	60.28 5.73 -3.40	71.39 6.64 -9.44	89.10 6.29 -30.81	109.52 5.88 -57.66	146.78 6.71 -88.01	267.53 6.73 -208.64	284.91 6.69 -226.32	284.83 7.14 -222.33	340.20 10.01 -249.48	294.16 8.49 -209.23	238.27 6.30 -170.21	109.47 5.58 -49.68	60.83 4.33 -14.42	52.32 3.58 -8.49
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01
GRISSOM___SOLAR 323813	48.24 2.64 0.00	44.14 2.38 0.00	39.86 2.10 -0.16	36.95 1.83 0.00	37.80 2.00 0.00	41.42 2.34 0.00	46.36 2.50 0.00	48.31 2.21 0.00	49.57 1.77 -0.11	55.28 1.55 -2.18	53.29 1.38 -0.76	56.81 1.49 0.00	52.88 0.88 0.00	46.94 0.55 -0.42	53.04 0.73 -0.26	61.47 1.10 -8.21	53.77 0.98 -0.90	57.66 1.61 -0.69	84.59 3.87 0.00	80.65 4.20 0.00	65.22 3.46 0.00	57.19 2.98 0.00	44.22 2.14 0.00	42.14 1.89 0.00
GROVEVILLE___HYD 323602	49.34 3.74 0.00	45.31 3.55 0.00	40.83 3.05 -0.18	37.97 2.85 0.00	38.55 2.76 0.00	42.28 3.20 0.00	47.51 3.64 0.00	50.20 4.10 0.00	52.07 4.24 -0.13	58.98 4.95 -2.47	57.12 5.11 -0.87	61.18 5.86 0.00	62.47 5.62 -4.85	69.42 5.06 -18.39	83.95 5.83 -26.07	85.47 5.84 -27.47	99.95 5.86 -42.19	96.19 6.37 -34.47	94.41 8.88 -4.81	83.79 7.34 0.00	67.27 5.50 0.00	58.92 4.72 0.00	45.69 3.62 0.00	42.99 2.74 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.69 0.09 0.00	41.76 0.00 0.00	37.32 -0.04 0.24	35.09 -0.04 0.00	36.89 -0.04 -1.13	41.55 -0.08 -2.55	46.81 -0.04 -2.99	48.46 -0.14 -2.50	47.61 -0.19 -0.11	49.26 -0.21 2.08	50.36 -0.15 0.63	56.03 -0.17 -0.88	51.74 -0.26 0.00	46.08 -0.23 -0.34	51.90 -0.36 -0.21	52.53 -0.42 -0.79	52.16 -0.42 -0.69	56.31 -0.39 -1.34	85.79 -0.32 -5.39	78.66 -0.23 -2.44	62.47 -0.12 -0.83	53.94 -0.27 0.00	41.69 -0.38 0.00	40.01 -0.24 0.00
HAMLTNNY_34_KV_TB 80303	45.69 0.09 0.00	41.76 0.00 0.00	37.29 -0.04 0.27	35.06 -0.07 0.00	36.97 -0.04 -1.21	41.73 -0.08 -2.73	47.06 0.00 -3.19	48.64 -0.14 -2.68	47.63 -0.14 -0.08	48.74 -0.21 2.60	50.13 -0.20 0.81	55.97 -0.22 -0.88	51.63 -0.36 0.00	46.01 -0.32 -0.37	51.86 -0.42 -0.23	52.54 -0.47 -0.85	52.16 -0.47 -0.73	56.40 -0.39 -1.43	86.17 -0.32 -5.77	78.83 -0.23 -2.61	62.59 -0.06 -0.88	53.94 -0.27 0.00	41.65 -0.42 0.00	40.01 -0.24 0.00

HAMPSHIRE___PAPER_HYD 323593	43.77 -1.83 0.00	40.01 -1.75 0.00	35.95 -1.65 0.00	33.51 -1.62 0.00	34.15 -1.65 0.00	37.32 -1.76 0.00	41.58 -2.28 0.00	43.79 -2.30 0.00	45.48 -2.29 -0.08	49.04 -2.84 -0.32	48.47 -2.81 -0.14	52.46 -3.10 -0.24	48.51 -3.48 0.00	42.43 -3.54 0.00	48.30 -3.75 0.00	48.43 -3.97 -0.24	48.15 -3.74 0.00	51.15 -4.21 0.00	77.25 -3.47 0.00	73.85 -2.60 0.00	60.53 -1.23 0.00	52.85 -1.35 0.00	40.98 -1.09 0.00	39.36 -0.89 0.00
HARDSCRABBLE_WT_PWR 323673	46.28 0.68 0.00	42.42 0.67 0.00	38.24 0.64 0.00	35.69 0.56 0.00	36.37 0.57 0.00	39.78 0.70 0.00	44.74 0.88 0.00	47.02 0.92 0.00	48.36 0.67 0.00	52.07 0.52 0.00	51.45 0.31 0.00	55.76 0.44 0.00	52.15 0.16 0.00	45.83 -0.14 0.00	52.05 0.00 0.00	51.85 -0.31 0.00	51.53 -0.36 0.00	54.97 -0.38 0.00	80.80 0.08 0.00	76.60 0.15 0.00	62.14 0.37 0.00	54.64 0.43 0.00	42.66 0.59 0.00	40.89 0.64 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	49.02 3.42 0.00	45.06 3.30 0.00	40.65 2.86 -0.20	37.80 2.67 0.00	38.37 2.58 0.00	42.08 3.01 0.00	47.29 3.42 0.00	50.01 3.92 0.00	51.87 4.05 -0.13	58.99 4.74 -2.70	56.75 4.96 -0.64	60.77 5.70 0.24	84.90 5.46 -27.44	123.27 4.92 -72.38	185.59 5.62 -127.92	177.15 5.69 -119.31	228.82 5.66 -171.28	195.10 6.09 -133.66	117.07 8.64 -27.71	83.48 7.03 0.00	66.96 5.19 0.00	58.71 4.50 0.00	45.57 3.49 0.00	42.83 2.58 0.00
HARSNRAD_115KV_TB1 81005	41.06 -4.51 0.02	26.88 -4.68 10.20	24.60 -4.21 8.79	22.24 -4.00 8.88	21.60 -3.97 10.22	22.70 -4.38 12.00	26.52 -4.78 12.57	27.55 -5.12 13.43	34.83 -5.68 7.19	32.79 -6.08 12.68	29.91 -6.09 15.15	30.11 -6.53 18.68	27.25 -6.08 18.66	27.89 -5.24 12.84	24.44 -6.09 21.52	26.93 -6.21 19.02	29.94 -6.12 15.83	32.50 -6.31 16.54	38.65 -9.04 33.03	51.53 -8.94 15.98	46.79 -6.98 7.99	42.28 -6.13 5.80	35.27 -5.18 1.63	35.74 -4.51 0.00
HARZA MOOSE___RIVER 24016	45.23 -0.36 0.00	41.26 -0.50 0.00	37.07 -0.53 0.00	34.53 -0.60 0.00	35.26 -0.54 0.00	38.65 -0.43 0.00	43.38 -0.48 0.00	45.77 -0.32 0.00	47.53 -0.24 -0.08	51.40 -0.46 -0.32	50.72 -0.56 -0.14	55.22 -0.33 -0.24	50.85 -1.14 0.00	44.31 -1.65 0.00	50.59 -1.46 0.00	50.74 -1.72 -0.31	50.23 -1.66 0.00	53.47 -1.88 0.00	81.28 0.57 0.00	77.37 0.92 0.00	63.06 1.30 0.00	55.13 0.92 0.00	42.62 0.55 0.00	40.73 0.48 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.28 -0.32 0.00	41.38 -0.38 0.00	37.07 -0.34 0.19	34.78 -0.35 0.00	35.47 -0.32 0.00	38.68 -0.39 0.00	43.47 -0.39 0.00	45.30 -0.51 0.29	46.71 -0.52 0.46	48.65 -0.57 2.34	49.33 -0.51 1.30	54.49 -0.55 0.27	50.60 -0.57 0.83	45.32 -0.51 0.15	50.71 -0.68 0.66	51.26 -0.73 0.17	51.03 -0.73 0.14	54.26 -0.72 0.38	77.64 -0.81 2.27	74.06 -0.84 1.55	59.82 -0.62 1.33	52.62 -0.65 0.94	41.14 -0.67 0.26	39.73 -0.52 0.00
HELLGATE_13_KV_LD 55870	49.84 4.24 0.00	45.90 4.13 0.00	41.32 3.53 -0.19	38.43 3.30 0.00	39.06 3.26 0.00	42.75 3.67 0.00	48.08 4.21 0.00	51.07 4.98 0.00	53.19 5.25 -0.25	60.07 5.98 -2.54	61.29 6.19 -3.95	64.75 6.97 -2.46	67.22 6.66 -8.56	77.70 5.93 -25.80	98.22 6.77 -39.40	98.45 6.88 -39.40	118.11 6.85 -59.37	110.23 7.14 -47.74	98.48 9.93 -7.84	84.40 7.95 0.00	67.58 5.81 0.00	59.85 5.64 0.00	46.41 4.33 0.00	43.39 3.14 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	49.84 4.24 0.00	45.90 4.13 0.00	41.32 3.53 -0.19	38.43 3.30 0.00	39.06 3.26 0.00	42.75 3.67 0.00	48.08 4.21 0.00	51.07 4.98 0.00	53.19 5.25 -0.25	60.07 5.98 -2.54	61.29 6.19 -3.95	64.75 6.97 -2.46	67.22 6.66 -8.56	77.70 5.93 -25.80	98.22 6.77 -39.40	98.45 6.88 -39.40	118.11 6.85 -59.37	110.23 7.14 -47.74	98.48 9.93 -7.84	84.40 7.95 0.00	67.58 5.81 0.00	59.85 5.64 0.00	46.41 4.33 0.00	43.39 3.14 0.00
HEMPSTEAD____ 23647	49.99 4.38 -0.02	45.82 4.05 -0.01	41.24 3.46 -0.18	38.32 3.20 0.00	38.94 3.15 0.00	42.75 3.67 0.00	48.29 4.43 0.00	51.13 5.03 -0.01	56.78 5.29 -3.79	59.60 5.52 -2.53	60.43 5.88 -3.40	71.67 6.91 -9.44	89.47 6.66 -30.81	126.56 6.07 -74.52	179.10 6.98 -120.07	267.74 6.94 -208.64	285.05 6.85 -226.31	285.00 7.31 -222.34	340.45 10.25 -249.48	294.24 8.56 -209.23	238.28 6.30 -170.21	109.53 5.64 -49.68	60.91 4.42 -14.42	52.36 3.62 -8.49
HICKLING___1 23621	45.34 -0.27 -0.01	47.18 -0.38 -5.80	39.92 -0.49 -2.81	39.71 -0.46 -5.04	43.50 -0.36 -8.06	50.75 -0.27 -11.95	57.06 -0.13 -13.33	58.26 -0.23 -12.40	51.04 -0.43 -3.78	28.43 -0.41 22.71	41.34 -0.41 9.40	59.01 -0.28 -3.97	53.20 -0.36 -1.57	51.92 -0.32 -6.27	58.51 -0.57 -7.04	59.49 -0.63 -7.96	60.32 -0.67 -9.11	65.73 -0.39 -10.77	105.16 -0.08 -24.53	87.13 -0.23 -10.91	65.01 -0.12 -3.36	56.33 -0.16 -2.29	41.90 -0.63 -0.45	39.20 -1.05 0.00
HICKLING___2 23622	45.34 -0.27 -0.01	47.18 -0.38 -5.80	39.92 -0.49 -2.81	39.71 -0.46 -5.04	43.50 -0.36 -8.06	50.75 -0.27 -11.95	57.06 -0.13 -13.33	58.26 -0.23 -12.40	51.04 -0.43 -3.78	28.43 -0.41 22.71	41.34 -0.41 9.40	59.01 -0.28 -3.97	53.20 -0.36 -1.57	51.92 -0.32 -6.27	58.51 -0.57 -7.04	59.49 -0.63 -7.96	60.32 -0.67 -9.11	65.73 -0.39 -10.77	105.16 -0.08 -24.53	87.13 -0.23 -10.91	65.01 -0.12 -3.36	56.33 -0.16 -2.29	41.90 -0.63 -0.45	39.20 -1.05 0.00
HIGH FALLS___HY 23754	49.38 3.78 0.00	45.31 3.55 0.00	40.87 3.08 -0.19	38.01 2.88 0.00	38.59 2.79 0.00	42.32 3.24 0.00	47.64 3.77 0.00	50.38 4.29 0.00	52.17 4.34 -0.13	59.20 5.05 -2.59	57.16 5.11 -0.91	61.23 5.92 0.00	60.17 5.62 -2.56	62.00 5.01 -11.02	72.44 5.83 -14.56	75.70 5.79 -17.76	82.83 5.86 -25.07	82.56 6.48 -20.73	92.65 9.28 -2.65	84.17 7.72 0.00	67.57 5.81 0.00	59.19 4.99 0.00	45.78 3.70 0.00	43.03 2.78 0.00
HIGH_RIVER___SOLAR 323847	47.60 2.00 0.00	43.59 1.84 0.00	39.25 1.65 0.00	36.60 1.48 0.00	37.37 1.57 0.00	40.87 1.80 0.00	45.84 1.98 0.00	47.85 1.75 0.00	49.12 1.43 0.00	52.94 1.39 0.00	52.37 1.23 0.00	56.64 1.33 0.00	52.98 0.99 0.00	47.11 0.78 -0.36	53.26 0.99 -0.22	61.39 1.25 -7.98	53.93 1.30 -0.74	57.81 1.88 -0.57	84.11 3.39 0.00	79.73 3.29 0.00	64.42 2.65 0.00	56.54 2.33 0.00	43.76 1.68 0.00	41.74 1.49 0.00
HILLBURN___GT 23639	48.92 3.33 0.00	44.85 3.09 0.00	40.50 2.71 -0.19	37.66 2.53 0.00	38.26 2.47 0.00	42.01 2.93 0.00	47.29 3.42 0.00	50.01 3.92 0.00	51.92 4.10 -0.12	58.94 4.74 -2.65	56.67 4.96 -0.57	60.78 5.75 0.29	79.90 5.57 -22.33	111.28 5.06 -60.26	162.91 5.83 -105.03	156.65 5.84 -98.65	199.95 5.76 -142.30	172.97 6.20 -111.42	112.01 8.72 -22.58	83.56 7.11 0.00	66.96 5.19 0.00	58.76 4.55 0.00	45.61 3.53 0.00	43.07 2.82 0.00
HILLSIDE_115KV_TB1 80332	44.92 -0.68 -0.01	45.26 -0.75 -4.26	38.03 -0.79 -1.22	38.08 -0.74 -3.69	41.61 -0.64 -6.46	48.47 -0.63 -10.02	54.58 -0.53 -11.24	55.75 -0.65 -10.30	48.99 -0.91 -2.21	22.40 -0.88 28.27	38.79 -0.87 11.48	57.09 -0.72 -2.50	51.79 -0.73 -0.52	49.95 -0.60 -4.58	55.89 -0.78 -4.62	57.11 -0.83 -5.78	57.83 -0.88 -6.82	63.24 -0.61 -8.49	100.34 -0.48 -20.11	84.58 -0.76 -8.90	63.69 -0.68 -2.60	55.15 -0.60 -1.54	41.44 -0.93 -0.29	38.88 -1.37 0.00

HISHELDN_WT_PWR 323625	41.88 -3.65 0.07	10.72 -3.76 27.28	11.28 -3.46 22.86	8.26 -3.23 23.64	8.15 -3.19 24.46	9.90 -3.28 25.90	13.88 -3.60 26.39	13.43 -3.64 29.02	22.05 -3.86 21.78	26.82 -4.17 20.56	29.78 -4.24 17.12	18.38 -4.53 32.40	20.33 -4.26 27.40	13.65 -3.77 28.55	7.96 -4.48 39.61	11.58 -4.59 35.99	7.99 -4.62 39.28	10.85 -4.71 39.80	9.39 -6.38 64.95	38.75 -6.12 31.58	42.36 -4.75 14.65	35.72 -4.01 14.48	35.03 -3.49 3.56	36.75 -3.50 0.00
HOLTSVILLE_IC_1 23690	50.95 5.33 -0.02	46.65 4.88 -0.01	41.92 4.14 -0.18	38.92 3.79 0.00	39.55 3.76 0.00	43.45 4.38 0.00	49.13 5.26 0.00	52.05 5.95 -0.01	57.73 6.25 -3.79	60.16 6.08 -2.53	60.84 6.29 -3.40	71.72 6.97 -9.44	89.15 6.34 -30.81	108.48 6.02 -56.49	144.75 6.92 -85.77	267.74 6.94 -208.64	285.16 6.96 -226.31	285.16 7.47 -222.34	340.68 10.49 -249.48	294.85 9.17 -209.23	239.14 7.16 -170.21	110.23 6.34 -49.68	61.46 4.96 -14.42	53.12 4.39 -8.49
HOLTSVILLE_IC_10 23699	51.22 5.61 -0.02	46.90 5.13 -0.01	42.10 4.32 -0.18	39.10 3.97 0.00	39.73 3.94 0.00	43.68 4.61 0.00	49.39 5.53 0.00	52.32 6.22 -0.01	58.02 6.53 -3.79	60.52 6.44 -2.53	61.15 6.60 -3.40	72.00 7.24 -9.44	89.42 6.60 -30.81	109.15 6.25 -56.93	145.90 7.23 -86.61	268.05 7.25 -208.64	285.47 7.26 -226.31	285.55 7.86 -222.34	341.25 11.06 -249.48	295.39 9.71 -209.23	239.63 7.66 -170.21	110.55 6.67 -49.68	61.75 5.26 -14.42	53.36 4.63 -8.49
HOLTSVILLE_IC_2 23691	50.95 5.33 -0.02	46.65 4.88 -0.01	41.92 4.14 -0.18	38.92 3.79 0.00	39.55 3.76 0.00	43.45 4.38 0.00	49.13 5.26 0.00	52.05 5.95 -0.01	57.73 6.25 -3.79	60.16 6.08 -2.53	60.84 6.29 -3.40	71.72 6.97 -9.44	89.15 6.34 -30.81	108.48 6.02 -56.49	144.75 6.92 -85.77	267.74 6.94 -208.64	285.16 6.96 -226.31	285.16 7.47 -222.34	340.68 10.49 -249.48	294.85 9.17 -209.23	239.14 7.16 -170.21	110.23 6.34 -49.68	61.46 4.96 -14.42	53.12 4.39 -8.49
HOLTSVILLE_IC_3 23692	50.95 5.33 -0.02	46.65 4.88 -0.01	41.92 4.14 -0.18	38.92 3.79 0.00	39.55 3.76 0.00	43.45 4.38 0.00	49.13 5.26 0.00	52.05 5.95 -0.01	57.73 6.25 -3.79	60.16 6.08 -2.53	60.84 6.29 -3.40	71.72 6.97 -9.44	89.15 6.34 -30.81	108.48 6.02 -56.49	144.75 6.92 -85.77	267.74 6.94 -208.64	285.16 6.96 -226.31	285.16 7.47 -222.34	340.68 10.49 -249.48	294.85 9.17 -209.23	239.14 7.16 -170.21	110.23 6.34 -49.68	61.46 4.96 -14.42	53.12 4.39 -8.49
HOLTSVILLE_IC_4 23693	50.95 5.33 -0.02	46.65 4.88 -0.01	41.92 4.14 -0.18	38.92 3.79 0.00	39.55 3.76 0.00	43.45 4.38 0.00	49.13 5.26 0.00	52.05 5.95 -0.01	57.73 6.25 -3.79	60.16 6.08 -2.53	60.84 6.29 -3.40	71.72 6.97 -9.44	89.15 6.34 -30.81	108.48 6.02 -56.49	144.75 6.92 -85.77	267.74 6.94 -208.64	285.16 6.96 -226.31	285.16 7.47 -222.34	340.68 10.49 -249.48	294.85 9.17 -209.23	239.14 7.16 -170.21	110.23 6.34 -49.68	61.46 4.96 -14.42	53.12 4.39 -8.49
HOLTSVILLE_IC_5 23694	50.95 5.33 -0.02	46.65 4.88 -0.01	41.92 4.14 -0.18	38.92 3.79 0.00	39.55 3.76 0.00	43.45 4.38 0.00	49.13 5.26 0.00	52.05 5.95 -0.01	57.73 6.25 -3.79	60.16 6.08 -2.53	60.84 6.29 -3.40	71.72 6.97 -9.44	89.15 6.34 -30.81	108.48 6.02 -56.49	144.75 6.92 -85.77	267.74 6.94 -208.64	285.16 6.96 -226.31	285.16 7.47 -222.34	340.68 10.49 -249.48	294.85 9.17 -209.23	239.14 7.16 -170.21	110.23 6.34 -49.68	61.46 4.96 -14.42	53.12 4.39 -8.49
HOLTSVILLE_IC_6 23695	51.22 5.61 -0.02	46.90 5.13 -0.01	42.10 4.32 -0.18	39.10 3.97 0.00	39.73 3.94 0.00	43.68 4.61 0.00	49.39 5.53 0.00	52.32 6.22 -0.01	58.02 6.53 -3.79	60.52 6.44 -2.53	61.15 6.60 -3.40	72.00 7.24 -9.44	89.42 6.60 -30.81	109.15 6.25 -56.93	145.90 7.23 -86.61	268.05 7.25 -208.64	285.47 7.26 -226.31	285.55 7.86 -222.34	341.25 11.06 -249.48	295.39 9.71 -209.23	239.63 7.66 -170.21	110.55 6.67 -49.68	61.75 5.26 -14.42	53.36 4.63 -8.49
HOLTSVILLE_IC_7 23696	51.22 5.61 -0.02	46.90 5.13 -0.01	42.10 4.32 -0.18	39.10 3.97 0.00	39.73 3.94 0.00	43.68 4.61 0.00	49.39 5.53 0.00	52.32 6.22 -0.01	58.02 6.53 -3.79	60.52 6.44 -2.53	61.15 6.60 -3.40	72.00 7.24 -9.44	89.42 6.60 -30.81	109.15 6.25 -56.93	145.90 7.23 -86.61	268.05 7.25 -208.64	285.47 7.26 -226.31	285.55 7.86 -222.34	341.25 11.06 -249.48	295.39 9.71 -209.23	239.63 7.66 -170.21	110.55 6.67 -49.68	61.75 5.26 -14.42	53.36 4.63 -8.49
HOLTSVILLE_IC_8 23697	51.22 5.61 -0.02	46.90 5.13 -0.01	42.10 4.32 -0.18	39.10 3.97 0.00	39.73 3.94 0.00	43.68 4.61 0.00	49.39 5.53 0.00	52.32 6.22 -0.01	58.02 6.53 -3.79	60.52 6.44 -2.53	61.15 6.60 -3.40	72.00 7.24 -9.44	89.42 6.60 -30.81	109.15 6.25 -56.93	145.90 7.23 -86.61	268.05 7.25 -208.64	285.47 7.26 -226.31	285.55 7.86 -222.34	341.25 11.06 -249.48	295.39 9.71 -209.23	239.63 7.66 -170.21	110.55 6.67 -49.68	61.75 5.26 -14.42	53.36 4.63 -8.49
HOLTSVILLE_IC_9 23698	51.22 5.61 -0.02	46.90 5.13 -0.01	42.10 4.32 -0.18	39.10 3.97 0.00	39.73 3.94 0.00	43.68 4.61 0.00	49.39 5.53 0.00	52.32 6.22 -0.01	58.02 6.53 -3.79	60.52 6.44 -2.53	61.15 6.60 -3.40	72.00 7.24 -9.44	89.42 6.60 -30.81	109.15 6.25 -56.93	145.90 7.23 -86.61	268.05 7.25 -208.64	285.47 7.26 -226.31	285.55 7.86 -222.34	341.25 11.06 -249.48	295.39 9.71 -209.23	239.63 7.66 -170.21	110.55 6.67 -49.68	61.75 5.26 -14.42	53.36 4.63 -8.49
HOMER_HL_115KV_TB2 355744	44.11 -1.46 0.03	29.72 -1.46 10.58	26.85 -1.47 9.28	24.53 -1.41 9.19	24.72 -1.32 9.75	27.26 -1.25 10.56	31.92 -1.05 10.89	33.16 -1.15 11.78	36.91 -1.96 8.82	36.19 -1.80 13.55	35.83 -1.94 13.37	37.48 -1.44 16.40	34.91 -1.30 15.79	32.51 -1.10 12.35	31.19 -1.46 19.40	33.73 -1.46 16.97	34.43 -1.56 15.90	38.14 -1.22 16.00	49.95 -1.78 28.99	59.97 -2.14 14.34	52.30 -2.22 7.24	46.43 -1.41 6.37	38.98 -1.56 1.54	37.07 -3.18 0.00
HOWARD_WT_PWR 323690	42.73 -2.96 -0.10	72.45 -2.92 -33.61	61.65 -2.67 -26.72	61.40 -2.46 -28.74	67.56 -2.22 -33.98	78.76 -2.03 -41.72	85.79 -2.02 -43.94	90.27 -1.98 -46.16	77.97 -2.15 -32.42	47.04 -2.52 1.99	51.53 -2.66 -3.05	88.47 -2.82 -35.97	76.64 -2.65 -27.29	67.74 -2.39 -24.17	68.31 -3.02 -19.28	69.31 -3.28 -20.44	90.22 -3.22 -41.54	101.50 -3.04 -49.19	165.41 -3.63 -88.33	117.71 -3.21 -44.47	77.04 -2.16 -17.44	71.62 -1.84 -19.26	44.45 -1.93 -4.31	38.04 -2.21 0.00
HQ_GEN_CEDARS 23644	44.96 -0.64 0.00	41.13 -0.63 0.00	37.04 -0.56 0.00	34.60 -0.53 0.00	35.19 -0.61 0.00	38.45 -0.63 0.00	43.03 -0.83 0.00	45.22 -0.88 0.00	46.98 -0.72 0.00	50.73 -0.82 0.00	50.33 -0.82 0.00	54.10 -1.22 0.00	50.91 -1.09 0.00	44.96 -1.01 0.00	50.90 -1.15 0.00	50.91 -1.25 0.00	50.85 -1.04 0.00	53.97 -1.38 0.00	79.02 -1.70 0.00	75.30 -1.15 0.00	61.15 -0.62 0.00	53.61 -0.60 0.00	41.74 -0.34 0.00	40.01 -0.24 0.00
HQ_GEN_CEDARS_PROXY 323590	44.96 -0.64 0.00	41.13 -0.63 0.00	37.04 -0.56 0.00	34.60 -0.53 0.00	35.19 -0.61 0.00	38.41 -0.66 0.00	43.03 -0.83 0.00	45.22 -0.88 0.00	46.98 -0.71 0.00	50.57 -0.98 0.00	50.32 -0.82 0.00	54.10 -1.22 0.00	50.90 -1.09 0.00	44.96 -1.01 0.00	50.90 -1.15 0.00	50.90 -1.25 0.00	50.90 -0.99 0.00	53.97 -1.38 0.00	79.02 -1.70 0.00	75.30 -1.14 0.00	61.15 -0.62 0.00	53.61 -0.60 0.00	42.05 -0.31 0.00	39.70 -0.24 0.31

HQ_GEN_CHPE_PROXY 323851	49.34 3.74 0.00	45.27 3.51 0.00	40.87 3.08 -0.18	38.01 2.88 0.00	38.59 2.79 0.00	42.39 3.32 0.00	47.73 3.86 0.00	50.57 4.47 0.00	52.67 4.72 -0.25	59.50 5.41 -2.54	60.76 5.63 -3.99	64.28 6.47 -2.49	66.70 6.13 -8.57	77.43 5.65 -25.81	97.91 6.45 -39.41	97.91 6.36 -39.39	97.91 6.33 -39.69	97.91 6.70 -35.86	97.91 9.36 -7.83	84.02 7.57 0.00	67.20 5.44 0.00	59.25 5.04 0.00	46.30 3.91 -0.31	43.04 3.10 0.31
HQ_GEN_IMPORT 323601	45.33 -0.27 0.00	41.51 -0.25 0.00	37.38 -0.22 0.00	34.92 -0.21 0.00	35.55 -0.25 0.00	38.80 -0.27 0.00	43.56 -0.30 0.00	45.82 -0.27 0.00	47.46 -0.24 0.00	51.24 -0.31 0.00	50.89 -0.25 0.00	54.93 -0.38 0.00	51.64 -0.36 0.00	45.65 -0.32 0.00	51.69 -0.36 0.00	51.79 -0.36 0.00	51.58 -0.31 0.00	54.91 -0.44 0.00	79.99 -0.73 0.00	76.07 -0.38 0.00	61.52 -0.25 0.00	53.99 -0.22 0.00	42.26 -0.13 -0.31	39.86 -0.08 0.31
HQ_GEN_WHEEL 23651	45.33 -0.27 0.00	41.51 -0.25 0.00	37.38 -0.22 0.00	34.92 -0.21 0.00	35.55 -0.25 0.00	38.80 -0.27 0.00	43.56 -0.30 0.00	45.82 -0.27 0.00	47.46 -0.24 0.00	51.24 -0.31 0.00	50.89 -0.25 0.00	54.93 -0.38 0.00	51.64 -0.36 0.00	45.65 -0.32 0.00	51.69 -0.36 0.00	51.79 -0.36 0.00	51.58 -0.31 0.00	54.91 -0.44 0.00	79.99 -0.73 0.00	76.07 -0.38 0.00	61.52 -0.25 0.00	53.99 -0.22 0.00	42.26 -0.13 -0.31	39.86 -0.08 0.31
HUDSON_AVE_GT_3 23810	49.56 3.97 0.00	45.64 3.88 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.80 3.01 0.00	42.55 3.48 0.00	47.81 3.95 0.00	50.75 4.66 0.00	52.86 4.91 -0.25	59.81 5.72 -2.54	61.10 5.88 -4.08	64.57 6.69 -2.56	66.94 6.34 -8.59	77.67 5.88 -25.82	98.19 6.71 -39.42	98.27 6.68 -39.44	117.88 6.59 -59.40	110.10 6.97 -47.77	98.40 9.85 -7.84	84.40 7.95 0.00	67.51 5.74 0.00	59.52 5.31 0.00	46.15 4.08 0.00	43.19 2.94 0.00
HUDSON_AVE_GT_4 23540	49.56 3.97 0.00	45.64 3.88 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.80 3.01 0.00	42.55 3.48 0.00	47.81 3.95 0.00	50.75 4.66 0.00	52.86 4.91 -0.25	59.81 5.72 -2.54	61.10 5.88 -4.08	64.57 6.69 -2.56	66.94 6.34 -8.59	77.67 5.88 -25.82	98.19 6.71 -39.42	98.27 6.68 -39.44	117.88 6.59 -59.40	110.10 6.97 -47.77	98.40 9.85 -7.84	84.40 7.95 0.00	67.51 5.74 0.00	59.52 5.31 0.00	46.15 4.08 0.00	43.19 2.94 0.00
HUDSON_AVE_GT_5 23657	49.56 3.97 0.00	45.64 3.88 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.80 3.01 0.00	42.55 3.48 0.00	47.81 3.95 0.00	50.75 4.66 0.00	52.86 4.91 -0.25	59.81 5.72 -2.54	61.10 5.88 -4.08	64.57 6.69 -2.56	66.94 6.34 -8.59	77.67 5.88 -25.82	98.19 6.71 -39.42	98.27 6.68 -39.44	117.88 6.59 -59.40	110.10 6.97 -47.77	98.40 9.85 -7.84	84.40 7.95 0.00	67.51 5.74 0.00	59.52 5.31 0.00	46.15 4.08 0.00	43.19 2.94 0.00
HUDSON_AVE_10 24168	49.47 3.88 0.00	45.60 3.84 0.00	41.02 3.23 -0.18	38.15 3.02 0.00	38.73 2.94 0.00	42.47 3.40 0.00	47.77 3.90 0.00	50.75 4.66 0.00	52.86 4.91 -0.25	59.71 5.62 -2.54	60.80 5.57 -4.08	64.24 6.36 -2.56	66.62 6.03 -8.59	77.58 5.79 -25.82	98.08 6.61 -39.42	98.11 6.52 -39.44	117.68 6.38 -59.40	109.87 6.75 -47.77	98.32 9.77 -7.84	84.32 7.87 0.00	67.39 5.62 0.00	59.41 5.20 0.00	46.11 4.04 0.00	43.15 2.90 0.00
HUDSON___115KV_TB 4 355613	47.83 2.23 0.00	43.93 2.17 0.00	39.52 1.92 0.00	36.88 1.76 0.00	37.58 1.79 0.00	41.07 1.99 0.00	46.10 2.24 0.00	48.40 2.30 0.00	49.60 1.91 0.00	53.25 1.70 0.00	52.73 1.59 0.00	56.97 1.66 0.00	53.51 1.51 0.00	48.28 1.47 -0.84	54.29 1.72 -0.52	61.65 1.98 -7.51	55.74 2.08 -1.78	59.57 2.66 -1.55	84.27 3.55 0.00	79.51 3.06 0.00	64.11 2.35 0.00	56.27 2.06 0.00	43.88 1.81 0.00	41.74 1.49 0.00
HUNTER MOUNT___DRP 323613	48.11 2.51 0.00	44.14 2.38 0.00	39.71 2.11 0.00	37.06 1.93 0.00	37.76 1.97 0.00	41.26 2.19 0.00	46.28 2.41 0.00	48.54 2.44 0.00	49.65 1.96 0.00	53.25 1.70 0.00	52.73 1.59 0.00	56.97 1.66 0.00	53.45 1.46 0.00	48.85 1.61 -1.27	54.72 1.87 -0.79	61.83 2.19 -7.48	56.88 2.28 -2.71	60.71 2.93 -2.42	84.35 3.63 0.00	79.51 3.06 0.00	64.18 2.41 0.00	56.27 2.06 0.00	43.97 1.89 0.00	41.86 1.61 0.00
HUNTINGTON_RES_REC 323705	50.72 5.11 -0.02	46.44 4.68 -0.01	41.73 3.95 -0.18	38.75 3.62 0.00	39.37 3.58 0.00	43.26 4.18 0.00	48.91 5.04 0.00	51.82 5.71 -0.01	57.45 5.96 -3.79	59.85 5.77 -2.53	60.53 5.98 -3.40	71.55 6.80 -9.44	89.10 6.29 -30.81	108.93 5.93 -57.03	145.67 6.82 -86.81	267.63 6.83 -208.64	285.05 6.85 -226.31	285.11 7.42 -222.34	340.61 10.42 -249.48	294.62 8.94 -209.23	238.77 6.79 -170.21	109.85 5.96 -49.68	61.21 4.71 -14.42	52.88 4.15 -8.49
HUNTLEY___63 23557	41.88 -3.69 0.03	26.43 -3.93 11.40	24.26 -3.53 9.80	21.80 -3.41 9.92	21.35 -3.36 11.08	22.80 -3.63 12.64	26.77 -3.86 13.23	27.94 -4.01 14.15	34.28 -4.39 9.02	33.43 -4.64 13.48	31.14 -4.81 15.19	30.74 -5.03 19.55	28.28 -4.73 18.99	27.96 -4.14 13.87	24.61 -5.05 22.39	27.16 -5.16 19.83	29.17 -5.19 17.53	32.05 -5.31 17.99	38.77 -7.59 34.36	52.48 -7.19 16.78	47.70 -5.74 8.32	42.64 -4.82 6.74	36.18 -4.17 1.73	36.39 -3.86 0.00
HUNTLEY___64 23558	41.88 -3.69 0.03	26.43 -3.93 11.40	24.26 -3.53 9.80	21.80 -3.41 9.92	21.35 -3.36 11.08	22.80 -3.63 12.64	26.77 -3.86 13.23	27.94 -4.01 14.15	34.28 -4.39 9.02	33.43 -4.64 13.48	31.14 -4.81 15.19	30.74 -5.03 19.55	28.28 -4.73 18.99	27.96 -4.14 13.87	24.61 -5.05 22.39	27.16 -5.16 19.83	29.17 -5.19 17.53	32.05 -5.31 17.99	38.77 -7.59 34.36	52.48 -7.19 16.78	47.70 -5.74 8.32	42.64 -4.82 6.74	36.18 -4.17 1.73	36.39 -3.86 0.00
HUNTLEY___65 23559	41.88 -3.69 0.03	26.43 -3.93 11.40	24.26 -3.53 9.80	21.80 -3.41 9.92	21.35 -3.36 11.08	22.80 -3.63 12.64	26.77 -3.86 13.23	27.94 -4.01 14.15	34.28 -4.39 9.02	33.43 -4.64 13.48	31.14 -4.81 15.19	30.74 -5.03 19.55	28.28 -4.73 18.99	27.96 -4.14 13.87	24.61 -5.05 22.39	27.16 -5.16 19.83	29.17 -5.19 17.53	32.05 -5.31 17.99	38.77 -7.59 34.36	52.48 -7.19 16.78	47.70 -5.74 8.32	42.64 -4.82 6.74	36.18 -4.17 1.73	36.39 -3.86 0.00
HUNTLEY___66 23560	41.88 -3.69 0.03	26.43 -3.93 11.40	24.26 -3.53 9.80	21.80 -3.41 9.92	21.35 -3.36 11.08	22.80 -3.63 12.64	26.77 -3.86 13.23	27.94 -4.01 14.15	34.28 -4.39 9.02	33.43 -4.64 13.48	31.14 -4.81 15.19	30.74 -5.03 19.55	28.28 -4.73 18.99	27.96 -4.14 13.87	24.61 -5.05 22.39	27.16 -5.16 19.83	29.17 -5.19 17.53	32.05 -5.31 17.99	38.77 -7.59 34.36	52.48 -7.19 16.78	47.70 -5.74 8.32	42.64 -4.82 6.74	36.18 -4.17 1.73	36.39 -3.86 0.00
HUNTLEY___67 23561	41.42 -4.15 0.03	24.69 -4.47 12.60	22.80 -4.02 10.78	20.34 -3.83 10.96	20.01 -3.79 11.99	21.59 -4.10 13.38	25.62 -4.43 13.82	26.61 -4.66 14.83	32.75 -5.34 9.60	32.14 -5.67 13.74	31.96 -5.73 13.45	31.08 -6.08 18.15	28.77 -5.67 17.56	26.39 -4.87 14.71	22.86 -5.67 23.52	25.56 -5.74 20.86	27.70 -5.60 18.58	30.05 -5.76 19.55	36.43 -8.23 36.06	50.90 -7.95 17.60	46.67 -6.42 8.67	41.59 -5.47 7.14	35.60 -4.67 1.80	36.02 -4.23 0.00

HUNTLEY___68 23562	41.42 -4.15 0.03	24.69 -4.47 12.60	22.80 -4.02 10.78	20.34 -3.83 10.96	20.01 -3.79 11.99	21.59 -4.10 13.38	25.62 -4.43 13.82	26.61 -4.66 14.83	32.75 -5.34 9.60	32.14 -5.67 13.74	31.96 -5.73 13.45	31.08 -6.08 18.15	28.77 -5.67 17.56	26.39 -4.87 14.71	22.86 -5.67 23.52	25.56 -5.74 20.86	27.70 -5.60 18.58	30.05 -5.76 19.55	36.43 -8.23 36.06	50.90 -7.95 17.60	46.67 -6.42 8.67	41.59 -5.47 7.14	35.60 -4.67 1.80	36.02 -4.23 0.00
HYLAND___LFGE 323620	45.87 0.18 -0.09	71.99 -0.25 -30.48	61.79 -0.38 -24.57	60.74 -0.42 -26.03	63.91 -0.32 -28.44	71.49 -0.12 -32.53	74.73 -2.72 -33.58	79.57 -3.00 -36.47	73.53 -3.63 -29.46	47.79 -5.52 -1.75	50.44 -6.39 -5.69	81.46 -7.96 -34.11	71.40 -7.44 -26.84	60.71 -6.44 -21.17	60.75 -7.60 -16.30	61.79 -7.67 -17.29	81.22 -7.37 -36.70	90.07 -7.64 -42.35	138.06 -9.85 -67.20	102.79 -8.03 -34.36	71.54 -3.58 -13.35	71.24 0.00 -17.03	45.34 -0.50 -3.77	39.60 -0.65 0.00
INDECK___CORINTH 23802	48.65 3.06 0.00	44.51 2.76 0.00	40.04 2.44 0.00	37.27 2.14 0.00	38.12 2.33 0.00	41.77 2.69 0.00	46.93 3.07 0.00	49.27 3.18 0.00	50.75 3.06 0.00	54.75 3.20 0.00	54.26 3.12 0.00	58.69 3.37 0.00	54.70 2.70 0.00	48.81 2.16 -0.68	54.71 2.24 -0.42	62.67 2.71 -7.81	55.86 2.64 -1.32	59.47 3.04 -1.08	85.89 5.17 0.00	81.11 4.66 0.00	65.41 3.64 0.00	57.51 3.31 0.00	44.30 2.23 0.00	42.42 2.17 0.00
INDECK___ILION 23567	46.74 1.14 0.00	42.80 1.04 0.00	38.58 0.98 0.00	36.01 0.88 0.00	36.69 0.89 0.00	40.13 1.06 0.00	45.14 1.27 0.00	47.43 1.34 0.00	48.79 1.10 0.00	52.48 0.93 0.00	51.86 0.72 0.00	56.26 0.94 0.00	52.62 0.62 0.00	46.25 0.28 0.00	52.52 0.47 0.00	52.26 0.10 0.00	51.89 0.00 0.00	55.41 0.06 0.00	81.44 0.73 0.00	77.21 0.76 0.00	62.63 0.86 0.00	55.07 0.87 0.00	43.04 0.97 0.00	41.22 0.97 0.00
INDECK___OLEAN 23982	44.16 -1.41 0.03	29.68 -1.50 10.58	26.85 -1.47 9.28	24.49 -1.44 9.19	24.68 -1.36 9.75	27.26 -1.25 10.56	31.84 -1.14 10.89	33.16 -1.15 11.78	36.91 -1.96 8.82	36.14 -1.85 13.55	35.89 -1.89 13.37	37.48 -1.44 16.40	34.91 -1.30 15.79	32.51 -1.10 12.35	31.19 -1.46 19.40	33.73 -1.46 16.97	34.47 -1.51 15.91	38.14 -1.22 16.00	50.03 -1.70 28.99	59.89 -2.22 14.34	52.30 -2.22 7.24	46.43 -1.41 6.37	39.02 -1.51 1.54	37.15 -3.10 0.00
INDECK___OSWEGO 23783	44.73 -0.87 0.00	40.96 -0.79 0.00	36.68 -0.75 0.17	34.43 -0.70 0.00	35.08 -0.72 0.00	38.29 -0.78 0.00	42.94 -0.92 0.00	45.99 -1.11 -1.00	48.77 -1.19 -2.27	52.38 -1.29 -2.12	52.71 -1.28 -2.85	58.80 -1.38 -4.86	53.45 -1.40 -2.86	46.62 -1.20 -1.85	53.77 -1.40 -3.13	54.44 -1.41 -3.69	53.17 -1.51 -2.79	57.19 -1.55 -3.39	85.48 -1.94 -6.70	79.19 -1.84 -4.57	64.33 -1.36 -3.93	55.61 -1.35 -2.76	41.71 -1.13 -0.77	39.28 -0.97 0.00
INDECK___YERKES 23781	41.88 -3.69 0.03	26.47 -3.88 11.40	24.26 -3.54 9.80	21.83 -3.37 9.92	21.39 -3.33 11.08	22.88 -3.56 12.64	26.64 -3.99 13.23	27.98 -3.96 14.15	34.29 -4.39 9.02	33.48 -4.59 13.48	31.25 -4.70 15.19	30.79 -4.98 19.55	28.33 -4.68 18.99	27.96 -4.14 13.87	24.66 -5.00 22.39	27.16 -5.16 19.83	29.16 -5.19 17.54	32.05 -5.31 17.99	38.86 -7.50 34.36	52.56 -7.11 16.78	47.77 -5.68 8.32	42.69 -4.77 6.74	36.30 -4.04 1.73	36.39 -3.86 0.00
INDIAN POINT_GT_1 24139	49.02 3.42 0.00	45.10 3.34 0.00	40.64 2.86 -0.18	37.80 2.67 0.00	38.37 2.58 0.00	42.08 3.01 0.00	47.29 3.42 0.00	50.06 3.96 0.00	51.95 4.15 -0.11	58.92 4.85 -2.52	56.50 5.01 -0.35	60.69 5.81 0.43	66.51 5.56 -8.95	79.75 5.19 -28.59	103.16 5.93 -45.18	102.72 5.95 -44.62	124.41 5.92 -66.61	114.95 6.31 -53.28	98.57 8.72 -9.14	83.64 7.19 0.00	66.96 5.19 0.00	58.82 4.61 0.00	45.61 3.53 0.00	42.83 2.58 0.00
INDIAN POINT_GT_2 23659	49.02 3.42 0.00	45.10 3.34 0.00	40.64 2.86 -0.18	37.80 2.67 0.00	38.37 2.58 0.00	42.08 3.01 0.00	47.29 3.42 0.00	50.06 3.96 0.00	51.95 4.15 -0.11	58.92 4.85 -2.52	56.50 5.01 -0.35	60.69 5.81 0.43	66.51 5.56 -8.95	79.75 5.19 -28.59	103.16 5.93 -45.18	102.72 5.95 -44.62	124.41 5.92 -66.61	114.95 6.31 -53.28	98.57 8.72 -9.14	83.64 7.19 0.00	66.96 5.19 0.00	58.82 4.61 0.00	45.61 3.53 0.00	42.83 2.58 0.00
INDIAN POINT_GT_3 24019	49.02 3.42 0.00	45.10 3.34 0.00	40.64 2.86 -0.18	37.80 2.67 0.00	38.37 2.58 0.00	42.08 3.01 0.00	47.29 3.42 0.00	50.06 3.96 0.00	51.95 4.15 -0.11	58.92 4.85 -2.52	56.50 5.01 -0.35	60.69 5.81 0.43	66.51 5.56 -8.95	79.75 5.19 -28.59	103.16 5.93 -45.18	102.72 5.95 -44.62	124.41 5.92 -66.61	114.95 6.31 -53.28	98.57 8.72 -9.14	83.64 7.19 0.00	66.96 5.19 0.00	58.82 4.61 0.00	45.61 3.53 0.00	42.83 2.58 0.00
INDIAN POINT___2 23530	48.88 3.28 0.00	44.85 3.09 0.00	40.50 2.71 -0.19	37.66 2.53 0.00	38.26 2.47 0.00	42.01 2.93 0.00	47.29 3.42 0.00	50.01 3.92 0.00	51.91 4.10 -0.11	58.86 4.74 -2.57	56.42 4.91 -0.37	60.64 5.75 0.43	68.00 5.51 -10.49	83.21 5.10 -32.13	109.90 5.83 -52.02	108.80 5.84 -50.81	132.76 5.76 -75.11	121.34 6.20 -59.79	100.05 8.64 -10.69	83.48 7.03 0.00	66.89 5.12 0.00	58.76 4.55 0.00	45.56 3.49 0.00	43.03 2.78 0.00
INDIAN POINT___3 23531	48.93 3.33 0.00	45.02 3.26 0.00	40.57 2.78 -0.18	37.73 2.60 0.00	38.34 2.54 0.00	42.04 2.97 0.00	47.20 3.33 0.00	49.97 3.87 0.00	51.91 4.10 -0.11	58.82 4.74 -2.52	56.43 4.91 -0.38	60.61 5.70 0.40	66.49 5.46 -9.04	79.81 5.06 -28.78	103.35 5.78 -45.53	102.83 5.74 -44.93	124.66 5.71 -67.06	115.08 6.09 -53.63	98.41 8.48 -9.21	83.41 6.96 0.00	66.83 5.06 0.00	58.65 4.45 0.00	45.52 3.45 0.00	42.79 2.54 0.00
INDIANHDD_69_KV_BK1 55831	50.95 5.33 -0.02	46.85 5.09 0.00	41.96 4.17 -0.18	38.99 3.86 0.00	39.62 3.83 0.00	43.45 4.38 0.00	49.04 5.18 0.00	52.04 5.95 0.00	57.69 6.20 -3.79	60.58 6.50 -2.53	60.79 6.24 -3.40	71.78 7.03 -9.44	89.21 6.40 -30.81	109.02 6.07 -56.99	145.75 6.97 -86.73	267.79 6.99 -208.64	285.27 7.06 -226.32	285.27 7.58 -222.33	340.93 10.74 -249.48	294.93 9.25 -209.23	239.08 7.10 -170.21	110.12 6.23 -49.68	61.42 4.92 -14.42	52.84 4.11 -8.49
INGHAM_C_115KV_TB7 356103	46.74 1.14 0.00	42.80 1.04 0.00	38.58 0.98 0.00	36.01 0.88 0.00	36.69 0.89 0.00	40.13 1.06 0.00	45.14 1.27 0.00	47.43 1.34 0.00	48.79 1.10 0.00	52.48 0.93 0.00	51.86 0.72 0.00	56.26 0.94 0.00	52.62 0.62 0.00	46.25 0.28 0.00	52.52 0.47 0.00	52.26 0.10 0.00	51.89 0.00 0.00	55.41 0.06 0.00	81.44 0.73 0.00	77.21 0.76 0.00	62.63 0.86 0.00	55.07 0.87 0.00	43.04 0.97 0.00	41.22 0.97 0.00
IP CORINTH___1 23988	48.65 3.06 0.00	44.60 2.84 0.00	40.08 2.48 0.00	37.34 2.21 0.00	38.16 2.36 0.00	41.81 2.74 0.00	46.94 3.07 0.00	49.28 3.18 0.00	50.75 3.05 0.00	54.70 3.14 0.00	54.26 3.12 0.00	58.69 3.37 0.00	54.70 2.70 0.00	48.81 2.16 -0.68	54.71 2.24 -0.42	62.67 2.71 -7.81	56.03 2.70 -1.44	59.61 3.04 -1.21	85.88 5.17 0.00	81.11 4.66 0.00	65.41 3.64 0.00	57.51 3.31 0.00	44.30 2.23 0.00	42.38 2.13 0.00

IP___TICONDEROGA 23804	50.52 4.92 0.00	46.27 4.51 0.00	41.55 3.95 0.00	38.57 3.44 0.00	39.55 3.76 0.00	43.45 4.38 0.00	48.87 5.00 0.00	51.07 4.98 0.00	52.65 4.96 0.00	56.55 5.00 0.00	56.05 4.91 0.00	60.46 5.14 0.00	56.00 4.00 0.00	49.78 3.08 -0.73	55.78 3.28 -0.45	64.03 4.07 -7.81	57.59 4.15 -1.55	61.63 4.98 -1.29	89.44 8.72 0.00	84.63 8.18 0.00	68.32 6.55 0.00	59.90 5.69 0.00	45.90 3.83 0.00	43.83 3.58 0.00
ISLIP_RES_REC 323679	51.45 5.84 -0.02	47.07 5.30 -0.01	42.25 4.47 -0.18	39.24 4.11 0.00	39.87 4.08 0.00	43.84 4.77 0.00	49.57 5.70 0.00	52.56 6.45 -0.01	58.30 6.82 -3.79	60.78 6.70 -2.53	61.45 6.90 -3.40	72.39 7.64 -9.44	89.73 6.92 -30.81	109.82 6.62 -57.23	146.90 7.65 -87.19	268.41 7.61 -208.64	285.88 7.68 -226.31	285.94 8.25 -222.34	341.82 11.63 -249.48	295.92 10.25 -209.23	240.00 8.03 -170.21	110.88 7.00 -49.68	61.92 5.43 -14.42	53.52 4.79 -8.49
JAMAICA__27_KV_LOAD 355505	49.93 4.33 0.00	45.98 4.22 0.00	41.28 3.50 -0.18	38.39 3.27 0.00	39.02 3.22 0.00	42.83 3.75 0.00	48.25 4.39 0.00	51.35 5.25 0.00	53.38 5.44 -0.25	60.07 5.98 -2.54	60.59 5.37 -4.08	64.07 6.20 -2.56	66.47 5.88 -8.59	77.90 6.11 -25.82	98.55 7.08 -39.42	98.48 6.88 -39.44	117.83 6.54 -59.40	110.04 6.92 -47.77	99.29 10.74 -7.84	85.24 8.79 0.00	68.07 6.30 0.00	59.95 5.75 0.00	46.62 4.54 0.00	43.51 3.26 0.00
JANIS___SOLAR 323808	47.47 1.87 -0.01	45.61 1.63 -2.23	40.81 1.39 -1.82	38.27 1.23 -1.92	40.71 1.36 -3.55	46.38 1.64 -5.67	52.14 1.93 -6.35	53.86 1.98 -5.78	51.52 1.71 -2.11	54.38 1.44 -1.38	52.84 0.97 -0.73	59.13 1.22 -2.60	54.24 0.63 -1.61	48.93 0.09 -2.87	54.95 0.37 -2.54	56.39 0.21 -4.02	57.19 0.31 -4.98	61.98 0.83 -5.80	94.76 2.82 -11.22	84.64 3.14 -5.06	66.12 2.84 -1.51	57.22 2.17 -0.85	43.54 1.31 -0.16	41.26 1.01 0.00
JARVIS____ 23743	45.83 0.23 0.00	41.97 0.21 0.00	37.79 0.19 0.00	35.30 0.18 0.00	35.97 0.18 0.00	39.31 0.24 0.00	44.13 0.26 0.00	46.37 0.28 0.00	47.98 0.29 0.00	51.86 0.31 0.00	51.40 0.26 0.00	55.70 0.39 0.00	52.31 0.31 0.00	46.20 0.23 0.00	52.36 0.31 0.00	52.47 0.31 0.00	52.15 0.26 0.00	55.69 0.33 0.00	81.29 0.57 0.00	76.83 0.38 0.00	62.08 0.31 0.00	54.48 0.27 0.00	42.28 0.21 0.00	40.45 0.20 0.00
JENNISON___1 23625	47.92 2.33 0.00	44.05 2.05 -0.24	40.20 1.77 -0.83	36.94 1.58 -0.23	38.66 1.72 -1.15	43.40 2.03 -2.29	48.67 2.11 -2.70	50.65 2.40 -2.15	50.61 2.38 -0.54	63.59 2.37 -9.66	56.54 2.15 -3.25	58.38 2.88 -0.19	51.99 2.24 2.25	44.71 1.43 2.68	46.99 1.98 7.03	49.73 1.72 4.14	45.94 1.71 7.66	52.06 1.88 5.17	86.74 3.96 -2.06	81.63 3.67 -1.51	64.99 3.09 -0.14	56.36 2.49 0.34	43.60 1.64 0.11	41.46 1.21 0.00
JENNISON___2 23626	47.92 2.33 0.00	44.05 2.05 -0.24	40.20 1.77 -0.83	36.94 1.58 -0.23	38.66 1.72 -1.15	43.40 2.03 -2.29	48.67 2.11 -2.70	50.65 2.40 -2.15	50.61 2.38 -0.54	63.59 2.37 -9.66	56.54 2.15 -3.25	58.38 2.88 -0.19	51.99 2.24 2.25	44.71 1.43 2.68	46.99 1.98 7.03	49.73 1.72 4.14	45.94 1.71 7.66	52.06 1.88 5.17	86.74 3.96 -2.06	81.63 3.67 -1.51	64.99 3.09 -0.14	56.36 2.49 0.34	43.60 1.64 0.11	41.46 1.21 0.00
JERICHO_RISE_WT_PWR 323719	44.23 -1.37 0.00	40.51 -1.25 0.00	36.51 -1.09 0.00	34.11 -1.02 0.00	34.72 -1.07 0.00	37.90 -1.17 0.00	42.72 -1.14 0.00	44.99 -1.11 0.00	46.74 -0.95 0.00	50.37 -1.18 0.00	50.02 -1.13 0.00	53.82 -1.49 0.00	50.65 -1.35 0.00	44.68 -1.29 0.00	50.59 -1.46 0.00	50.70 -1.46 0.00	50.64 -1.25 0.00	53.86 -1.49 0.00	78.78 -1.94 0.00	75.15 -1.30 0.00	60.84 -0.92 0.00	53.45 -0.76 0.00	41.57 -0.50 0.00	39.85 -0.40 0.00
KATONAH___115KV_46KV_TB4 355592	49.29 3.69 0.00	45.35 3.59 0.00	40.82 3.05 -0.18	37.97 2.85 0.00	38.55 2.76 0.00	42.32 3.24 0.00	47.51 3.64 0.00	50.24 4.15 0.00	52.21 4.39 -0.13	59.10 5.10 -2.44	57.38 5.32 -0.92	61.56 6.20 -0.05	63.41 5.98 -5.43	71.67 5.65 -20.04	87.34 6.51 -28.78	88.50 6.52 -29.83	104.47 6.54 -46.04	99.75 6.86 -37.53	95.43 9.28 -5.43	84.25 7.80 0.00	67.45 5.68 0.00	59.14 4.93 0.00	45.78 3.70 0.00	42.99 2.74 0.00
KCE_NY_1 323755	48.29 2.69 0.00	44.22 2.46 0.00	39.82 2.22 0.00	37.06 1.93 0.00	37.87 2.08 0.00	41.42 2.34 0.00	46.50 2.63 0.00	48.81 2.72 0.00	50.31 2.62 0.00	54.28 2.73 0.00	53.80 2.66 0.00	58.24 2.93 0.00	54.49 2.50 0.00	48.77 2.02 -0.78	54.77 2.24 -0.49	62.57 2.61 -7.81	55.95 2.54 -1.51	59.59 2.99 -1.24	85.48 4.76 0.00	80.65 4.20 0.00	65.10 3.33 0.00	57.13 2.93 0.00	44.18 2.10 0.00	42.18 1.93 0.00
KCE_NY_6_ESR 323823	41.96 -3.60 0.03	24.76 -3.80 13.20	22.79 -3.50 11.31	20.35 -3.30 11.48	20.17 -3.22 12.40	21.94 -3.44 13.70	25.91 -3.77 14.18	27.21 -3.73 15.16	33.16 -4.10 10.43	33.84 -4.28 13.43	32.37 -4.40 14.37	31.21 -4.53 19.57	29.28 -4.26 18.45	26.79 -3.72 15.46	23.66 -4.53 23.86	26.37 -4.59 21.20	27.05 -4.77 20.07	30.26 -4.87 20.23	37.13 -6.94 36.64	51.89 -6.65 17.91	47.58 -5.37 8.82	42.21 -4.44 7.55	36.39 -3.83 1.86	36.35 -3.90 0.00
KEDC_PORT_JEFF_GT2 24210	51.13 5.52 -0.02	46.82 5.05 -0.01	42.03 4.25 -0.18	39.03 3.90 0.00	39.66 3.87 0.00	43.57 4.49 0.00	49.26 5.39 0.00	52.23 6.13 -0.01	57.88 6.39 -3.79	60.37 6.29 -2.53	60.99 6.44 -3.40	71.72 6.97 -9.44	88.84 6.03 -30.81	108.52 5.79 -56.76	145.06 6.72 -86.30	267.53 6.73 -208.64	284.95 6.74 -226.31	284.94 7.25 -222.34	340.36 10.17 -249.48	294.54 8.86 -209.23	238.95 6.98 -170.21	109.96 6.07 -49.68	61.63 5.13 -14.42	53.24 4.51 -8.49
KEDC_PORT_JEFF_GT3 24211	51.13 5.52 -0.02	46.82 5.05 -0.01	42.03 4.25 -0.18	39.03 3.90 0.00	39.66 3.87 0.00	43.57 4.49 0.00	49.26 5.39 0.00	52.23 6.13 -0.01	57.88 6.39 -3.79	60.37 6.29 -2.53	60.99 6.44 -3.40	71.72 6.97 -9.44	88.84 6.03 -30.81	108.52 5.79 -56.76	145.06 6.72 -86.30	267.53 6.73 -208.64	284.95 6.74 -226.31	284.94 7.25 -222.34	340.36 10.17 -249.48	294.54 8.86 -209.23	238.95 6.98 -170.21	109.96 6.07 -49.68	61.63 5.13 -14.42	53.24 4.51 -8.49
KEDC_GLWD_GT4 24219	49.90 4.28 -0.02	45.74 3.97 -0.01	41.20 3.42 -0.18	38.29 3.16 0.00	38.91 3.11 0.00	42.71 3.63 0.00	48.17 4.30 0.00	51.04 4.93 -0.01	56.68 5.20 -3.79	59.70 5.62 -2.53	60.58 6.03 -3.40	71.50 6.75 -9.44	89.36 6.55 -30.81	125.40 6.02 -73.41	176.89 6.87 -117.97	267.63 6.83 -208.64	284.95 6.74 -226.31	284.84 7.14 -222.34	340.20 10.01 -249.48	294.01 8.33 -209.23	238.03 6.06 -170.21	109.26 5.37 -49.68	60.83 4.33 -14.42	52.32 3.58 -8.49
KEDC_GLWD_GT5 24220	49.90 4.28 -0.02	45.74 3.97 -0.01	41.20 3.42 -0.18	38.29 3.16 0.00	38.91 3.11 0.00	42.71 3.63 0.00	48.17 4.30 0.00	51.04 4.93 -0.01	56.68 5.20 -3.79	59.70 5.62 -2.53	60.58 6.03 -3.40	71.50 6.75 -9.44	89.36 6.55 -30.81	125.40 6.02 -73.41	176.89 6.87 -117.97	267.63 6.83 -208.64	284.95 6.74 -226.31	284.84 7.14 -222.34	340.20 10.01 -249.48	294.01 8.33 -209.23	238.03 6.06 -170.21	109.26 5.37 -49.68	60.83 4.33 -14.42	52.32 3.58 -8.49

KENSICO____ 23655	49.15 3.56 0.00	45.22 3.47 0.00	40.75 2.97 -0.18	37.90 2.78 0.00	38.51 2.72 0.00	42.20 3.13 0.00	47.42 3.55 0.00	50.24 4.15 0.00	52.18 4.39 -0.10	59.15 5.10 -2.50	56.61 5.27 -0.20	60.81 6.03 0.54	65.75 5.82 -7.93	77.68 5.42 -26.29	99.02 6.19 -40.78	99.01 6.21 -40.65	119.12 6.12 -61.11	110.96 6.53 -49.07	97.90 9.04 -8.14	83.86 7.42 0.00	67.20 5.44 0.00	58.98 4.77 0.00	45.73 3.66 0.00	42.95 2.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.34 3.74 0.00	45.31 3.55 0.00	40.85 3.05 -0.21	37.97 2.85 0.00	38.55 2.76 0.00	42.32 3.24 0.00	47.55 3.68 0.00	50.29 4.19 0.00	52.08 4.24 -0.15	59.24 4.85 -2.84	57.05 4.91 -0.99	61.01 5.70 0.00	60.27 5.41 -2.86	62.78 4.78 -12.03	73.78 5.62 -16.11	76.60 5.63 -18.81	84.96 5.66 -27.42	84.23 6.26 -22.62	92.59 8.96 -2.91	83.94 7.49 0.00	67.39 5.62 0.00	59.03 4.82 0.00	45.73 3.66 0.00	42.99 2.74 0.00
KIAC_JFK_GT1 23816	49.61 4.01 0.00	45.68 3.93 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.77 2.97 0.00	42.59 3.52 0.00	47.99 4.12 0.00	51.03 4.93 0.00	52.91 4.96 -0.25	59.71 5.62 -2.54	60.23 5.01 -4.08	63.68 5.81 -2.56	66.10 5.51 -8.59	77.44 5.65 -25.82	98.03 6.56 -39.42	97.90 6.31 -39.44	117.26 5.97 -59.40	109.38 6.26 -47.77	98.40 9.85 -7.84	84.40 7.95 0.00	67.39 5.62 0.00	59.52 5.31 0.00	46.32 4.25 0.00	43.23 2.98 0.00
KIAC_JFK_GT2 23817	49.61 4.01 0.00	45.68 3.93 0.00	41.05 3.27 -0.18	38.18 3.06 0.00	38.77 2.97 0.00	42.59 3.52 0.00	47.99 4.12 0.00	51.03 4.93 0.00	52.91 4.96 -0.25	59.71 5.62 -2.54	60.23 5.01 -4.08	63.68 5.81 -2.56	66.10 5.51 -8.59	77.44 5.65 -25.82	98.03 6.56 -39.42	97.90 6.31 -39.44	117.26 5.97 -59.40	109.38 6.26 -47.77	98.40 9.85 -7.84	84.40 7.95 0.00	67.39 5.62 0.00	59.52 5.31 0.00	46.32 4.25 0.00	43.23 2.98 0.00
KIAC_JFK____ 323774	49.61 4.01 0.00	45.47 3.72 0.00	40.98 3.19 -0.18	38.11 2.98 0.00	38.69 2.90 0.00	42.55 3.48 0.00	48.03 4.17 0.00	51.03 4.93 0.00	53.15 5.20 -0.25	59.96 5.87 -2.54	60.18 4.96 -4.08	63.68 5.81 -2.56	66.10 5.51 -8.59	77.44 5.65 -25.82	98.03 6.56 -39.42	97.90 6.31 -39.44	117.20 5.91 -59.39	109.38 6.25 -47.77	98.40 9.84 -7.84	84.40 7.95 0.00	67.39 5.62 0.00	59.52 5.32 0.00	46.32 4.25 0.00	43.51 3.26 0.00
KINTIGH_24_KV_GSU 356498	41.48 -4.10 0.02	29.29 -4.38 8.08	26.64 -4.02 6.94	24.25 -3.79 7.08	23.61 -3.80 8.39	24.93 -4.10 10.05	28.26 -4.65 10.96	29.56 -4.79 11.74	33.70 -5.15 8.84	33.46 -5.52 12.57	32.11 -5.52 13.51	32.98 -6.03 16.31	30.38 -5.62 16.00	29.79 -4.83 11.35	26.61 -5.57 19.87	29.03 -5.63 17.49	32.76 -5.61 13.52	35.64 -5.81 13.90	43.33 -8.15 29.24	54.24 -7.80 14.41	48.38 -6.12 7.27	42.36 -5.47 6.38	35.90 -4.67 1.50	36.47 -3.79 0.00
KINTIGH____ 23543	41.57 -4.01 0.02	29.25 -4.43 8.08	26.64 -4.02 6.94	24.25 -3.79 7.08	23.61 -3.79 8.39	24.89 -4.14 10.05	28.39 -4.52 10.96	29.56 -4.79 11.74	33.70 -5.15 8.84	33.46 -5.52 12.57	32.11 -5.52 13.51	32.98 -6.03 16.31	30.38 -5.62 16.00	29.79 -4.83 11.35	26.56 -5.62 19.87	29.03 -5.63 17.49	32.76 -5.60 13.52	35.64 -5.81 13.90	43.32 -8.15 29.24	54.24 -7.80 14.41	48.39 -6.12 7.27	42.35 -5.47 6.38	35.86 -4.71 1.50	36.51 -3.74 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.32 -0.27 0.00	41.47 -0.29 0.00	37.34 -0.26 0.00	34.92 -0.21 0.00	35.51 -0.29 0.00	38.80 -0.27 0.00	43.73 -0.13 0.00	46.05 -0.05 0.00	47.93 0.24 0.00	51.66 0.10 0.00	51.25 0.10 0.00	55.04 -0.28 0.00	51.69 -0.31 0.00	45.65 -0.32 0.00	51.63 -0.42 0.00	51.69 -0.47 0.00	51.68 -0.21 0.00	55.08 -0.28 0.00	80.72 0.00 0.00	77.14 0.69 0.00	62.57 0.80 0.00	54.75 0.54 0.00	42.54 0.46 0.00	40.73 0.48 0.00
LACHUTE____HYDRO 323717	50.52 4.93 0.00	46.18 4.42 0.00	41.51 3.91 0.00	38.47 3.34 0.00	39.48 3.69 0.00	43.41 4.34 0.00	48.82 4.96 0.00	51.08 4.98 0.00	52.65 4.96 0.00	56.55 5.00 0.00	56.01 4.86 0.00	60.46 5.15 0.00	56.00 4.00 0.00	49.78 3.08 -0.73	55.78 3.28 -0.45	64.03 4.07 -7.81	57.46 4.15 -1.42	61.50 4.98 -1.16	89.44 8.72 0.00	84.63 8.18 0.00	68.31 6.54 0.00	59.90 5.69 0.00	45.86 3.79 0.00	43.87 3.62 0.00
LAWRNCV_115KV_TB1 80681	43.96 -1.64 0.00	40.21 -1.55 0.00	36.17 -1.43 0.00	33.79 -1.33 0.00	34.40 -1.40 0.00	37.47 -1.60 0.00	41.54 -2.32 0.00	43.74 -2.35 0.00	45.40 -2.29 0.00	48.87 -2.68 0.00	48.43 -2.71 0.00	52.05 -3.26 0.00	48.83 -3.17 0.00	42.98 -2.99 0.00	48.77 -3.28 0.00	48.84 -3.44 -0.13	48.67 -3.22 0.00	51.65 -3.71 0.00	76.44 -4.28 0.00	73.09 -3.36 0.00	59.79 -1.98 0.00	52.36 -1.84 0.00	40.73 -1.35 0.00	39.20 -1.05 0.00
LEDERLE____ 23769	49.11 3.51 0.00	45.18 3.42 0.00	40.72 2.93 -0.19	37.87 2.74 0.00	38.48 2.68 0.00	42.20 3.13 0.00	47.42 3.55 0.00	50.15 4.06 0.00	52.06 4.24 -0.12	59.16 5.00 -2.61	56.81 5.17 -0.50	60.96 5.97 0.33	73.03 5.72 -15.31	94.70 5.19 -43.54	131.56 5.99 -73.52	128.37 6.00 -70.21	160.16 5.92 -102.36	142.43 6.37 -80.71	105.19 8.96 -15.51	83.79 7.34 0.00	67.14 5.37 0.00	58.92 4.72 0.00	45.73 3.66 0.00	42.95 2.70 0.00
LIGHTHSE_115KV_TB6 355974	45.19 -0.41 0.00	41.22 -0.54 0.00	36.92 -0.53 0.15	34.57 -0.56 0.00	35.26 -0.54 0.00	38.57 -0.51 0.00	43.34 -0.53 0.00	45.50 -0.60 0.00	47.10 -0.72 -0.13	49.44 -0.98 1.13	49.76 -1.07 0.31	55.01 -1.05 -0.74	50.59 -1.40 0.00	44.70 -1.52 -0.24	50.64 -1.56 -0.15	51.00 -1.72 -0.57	51.17 -1.66 -0.94	54.63 -1.77 -1.05	80.66 -1.37 -1.31	76.35 -0.99 -0.90	62.04 -0.49 -0.77	54.04 -0.70 -0.54	41.55 -0.67 -0.15	39.81 -0.44 0.00
LINDEN COGEN____ 23786	49.25 3.65 0.00	45.18 3.42 0.00	40.75 2.97 -0.18	37.90 2.77 0.00	38.48 2.69 0.00	42.28 3.20 0.00	47.64 3.77 0.00	50.52 4.43 0.00	52.62 4.68 -0.25	59.50 5.41 -2.54	60.75 5.53 -4.08	64.18 6.30 -2.56	66.57 5.98 -8.59	77.26 5.47 -25.82	97.77 6.30 -39.42	97.80 6.20 -39.44	117.41 6.12 -59.39	109.60 6.47 -47.77	97.67 9.12 -7.84	83.79 7.34 0.00	67.02 5.25 0.00	59.19 4.98 0.00	45.94 3.87 0.00	43.23 2.98 0.00
LINDHRST_69_KV_BK1 356055	51.18 5.56 -0.02	47.06 5.30 0.00	42.14 4.36 -0.18	39.17 4.04 0.00	39.80 4.01 0.00	43.65 4.57 0.00	49.30 5.44 0.00	52.27 6.18 0.00	57.92 6.44 -3.79	61.04 6.96 -2.53	61.45 6.90 -3.40	72.72 7.97 -9.44	90.30 7.49 -30.81	116.53 6.94 -63.62	159.41 8.02 -99.34	268.78 7.98 -208.64	286.20 7.99 -226.32	286.27 8.58 -222.33	342.38 12.19 -249.48	296.23 10.55 -209.23	239.88 7.91 -170.21	110.83 6.94 -49.68	61.84 5.34 -14.42	53.08 4.35 -8.49
LIPA_MISC_IPP 23656	51.27 5.65 -0.02	47.14 5.39 0.00	42.18 4.40 -0.18	39.24 4.11 0.00	39.84 4.04 0.00	43.69 4.61 0.00	49.35 5.48 0.00	52.36 6.27 0.00	58.02 6.53 -3.79	60.99 6.91 -2.53	61.09 6.55 -3.40	71.78 7.03 -9.44	89.05 6.24 -30.81	108.54 6.02 -56.55	144.92 6.97 -85.90	267.79 6.99 -208.64	285.27 7.06 -226.32	285.27 7.58 -222.33	340.77 10.57 -249.48	295.16 9.48 -209.23	239.76 7.78 -170.21	110.72 6.83 -49.68	61.75 5.26 -14.42	53.12 4.39 -8.49

LISF___SOLAR 323691	51.36 5.75 -0.02	47.03 5.26 -0.01	42.22 4.43 -0.18	39.20 4.07 0.00	39.84 4.04 0.00	43.76 4.69 0.00	49.53 5.66 0.00	52.47 6.36 -0.01	58.16 6.68 -3.79	60.58 6.50 -2.53	61.15 6.60 -3.40	71.89 7.14 -9.44	89.20 6.39 -30.81	108.72 6.11 -56.63	145.18 7.08 -86.05	267.94 7.15 -208.64	285.41 7.21 -226.31	285.44 7.75 -222.34	341.09 10.89 -249.48	295.46 9.79 -209.23	240.00 8.03 -170.21	110.93 7.04 -49.68	61.88 5.39 -14.42	53.48 4.75 -8.49
LITTLE FALLS___HYD 24013	46.74 1.14 0.00	42.80 1.04 0.00	38.58 0.98 0.00	36.01 0.88 0.00	36.69 0.89 0.00	40.13 1.06 0.00	45.14 1.27 0.00	47.43 1.34 0.00	48.79 1.10 0.00	52.48 0.93 0.00	51.86 0.72 0.00	56.26 0.94 0.00	52.62 0.62 0.00	46.25 0.28 0.00	52.52 0.47 0.00	52.26 0.10 0.00	51.89 0.00 0.00	55.41 0.06 0.00	81.44 0.73 0.00	77.21 0.76 0.00	62.63 0.86 0.00	55.07 0.87 0.00	43.04 0.97 0.00	41.22 0.97 0.00
LITTLRIV_115KV_TB1 356100	44.32 -1.28 0.00	40.51 -1.25 0.00	36.43 -1.17 0.00	34.00 -1.12 0.00	34.61 -1.18 0.00	37.79 -1.29 0.00	41.94 -1.93 0.00	44.07 -2.03 0.00	45.68 -2.05 -0.04	49.20 -2.53 -0.18	48.56 -2.66 -0.08	52.18 -3.26 -0.13	48.77 -3.22 0.00	42.98 -2.99 0.00	48.72 -3.33 0.00	48.86 -3.44 -0.14	48.78 -3.11 0.00	51.70 -3.65 0.00	76.84 -3.87 0.00	73.62 -2.83 0.00	60.35 -1.42 0.00	52.74 -1.46 0.00	41.02 -1.05 0.00	39.49 -0.76 0.00
LI_NEWBRDGE___DRP 323616	49.99 4.38 -0.02	46.02 4.26 0.00	41.28 3.50 -0.18	38.36 3.23 0.00	38.98 3.19 0.00	42.75 3.67 0.00	48.21 4.34 0.00	51.07 4.98 0.00	56.68 5.20 -3.79	59.70 5.62 -2.53	60.28 5.73 -3.40	71.45 6.69 -9.44	89.21 6.40 -30.81	105.25 5.88 -53.39	138.60 6.66 -79.89	267.48 6.68 -208.64	284.86 6.64 -226.32	284.77 7.09 -222.33	340.20 10.01 -249.48	294.01 8.33 -209.23	238.15 6.18 -170.21	109.47 5.58 -49.68	60.87 4.38 -14.42	52.08 3.34 -8.49
LOCKPORT_115KV_TB60_63_64 80432	41.06 -4.51 0.02	27.55 -4.59 9.61	25.16 -4.14 8.30	22.82 -3.93 8.37	22.10 -3.94 9.75	23.16 -4.34 11.57	26.84 -4.74 12.29	27.84 -5.12 13.14	34.41 -5.68 7.61	32.43 -6.08 13.04	29.04 -6.09 16.02	29.42 -6.53 19.37	26.39 -6.08 19.52	28.44 -5.24 12.29	25.03 -6.09 20.93	27.44 -6.26 18.46	30.81 -6.07 15.01	33.29 -6.31 15.76	39.60 -9.04 32.08	51.85 -8.94 15.66	46.96 -6.98 7.82	42.15 -6.13 5.93	35.25 -5.22 1.60	35.74 -4.51 0.00
LOCKPORT___CC1 323769	41.01 -4.56 0.02	26.92 -4.64 10.20	24.60 -4.21 8.79	22.27 -3.97 8.88	21.64 -3.94 10.22	22.78 -4.30 12.00	26.34 -4.96 12.57	27.55 -5.12 13.43	34.83 -5.68 7.19	32.84 -6.03 12.68	29.96 -6.04 15.15	30.11 -6.53 18.68	27.30 -6.03 18.66	27.89 -5.24 12.84	24.44 -6.09 21.52	26.93 -6.21 19.02	29.93 -6.12 15.83	32.50 -6.31 16.54	38.65 -9.04 33.03	51.53 -8.94 15.98	46.79 -6.98 7.99	42.28 -6.13 5.80	35.36 -5.09 1.63	35.70 -4.55 0.00
LOCKPORT___CC2 323770	41.01 -4.56 0.02	26.92 -4.64 10.20	24.60 -4.21 8.79	22.27 -3.97 8.88	21.64 -3.94 10.22	22.78 -4.30 12.00	26.34 -4.96 12.57	27.55 -5.12 13.43	34.83 -5.68 7.19	32.84 -6.03 12.68	29.96 -6.04 15.15	30.11 -6.53 18.68	27.30 -6.03 18.66	27.89 -5.24 12.84	24.44 -6.09 21.52	26.93 -6.21 19.02	29.93 -6.12 15.83	32.50 -6.31 16.54	38.65 -9.04 33.03	51.53 -8.94 15.98	46.79 -6.98 7.99	42.28 -6.13 5.80	35.36 -5.09 1.63	35.70 -4.55 0.00
LOCKPORT___CC3 323771	41.01 -4.56 0.02	26.92 -4.64 10.20	24.60 -4.21 8.79	22.27 -3.97 8.88	21.64 -3.94 10.22	22.78 -4.30 12.00	26.34 -4.96 12.57	27.55 -5.12 13.43	34.83 -5.68 7.19	32.84 -6.03 12.68	29.96 -6.04 15.15	30.11 -6.53 18.68	27.30 -6.03 18.66	27.89 -5.24 12.84	24.44 -6.09 21.52	26.93 -6.21 19.02	29.93 -6.12 15.83	32.50 -6.31 16.54	38.65 -9.04 33.03	51.53 -8.94 15.98	46.79 -6.98 7.99	42.28 -6.13 5.80	35.36 -5.09 1.63	35.70 -4.55 0.00
LOCUSVLY_69_KV_BK2 55797	50.31 4.70 -0.02	46.31 4.55 0.00	41.54 3.76 -0.18	38.64 3.51 0.00	39.23 3.44 0.00	43.02 3.95 0.00	48.47 4.61 0.00	51.40 5.30 0.00	57.07 5.58 -3.79	60.27 6.19 -2.53	60.84 6.29 -3.40	72.00 7.25 -9.44	89.78 6.97 -30.81	122.05 6.48 -69.60	170.16 7.39 -110.72	268.10 7.30 -208.64	285.48 7.26 -226.32	285.38 7.69 -222.33	341.01 10.82 -249.48	294.77 9.10 -209.23	238.64 6.67 -170.21	109.80 5.91 -49.68	61.08 4.59 -14.42	52.36 3.62 -8.49
LONG_LAKE_PHOENIX 24014	44.78 -0.82 0.00	40.92 -0.84 0.00	36.68 -0.75 0.17	34.43 -0.70 0.00	35.08 -0.72 0.00	38.25 -0.82 0.00	42.99 -0.88 0.00	45.60 -1.01 -0.52	47.85 -1.10 -1.25	50.89 -1.19 -0.52	51.29 -1.18 -1.32	57.00 -1.27 -2.96	52.18 -1.30 -1.48	45.91 -1.15 -1.09	52.40 -1.35 -1.70	53.02 -1.36 -2.22	52.30 -1.40 -1.82	56.06 -1.44 -2.14	82.63 -1.86 -3.77	77.34 -1.68 -2.57	62.68 -1.30 -2.21	54.46 -1.30 -1.55	41.33 -1.18 -0.43	39.32 -0.93 0.00
LOVETT___3 23632	48.84 3.24 0.00	44.97 3.22 0.00	40.53 2.74 -0.19	37.69 2.56 0.00	38.30 2.51 0.00	42.01 2.93 0.00	47.16 3.29 0.00	49.88 3.78 0.00	51.82 4.01 -0.12	58.83 4.69 -2.58	56.47 4.86 -0.47	60.55 5.59 0.35	69.96 5.41 -12.56	87.94 4.96 -37.01	118.97 5.73 -61.19	116.92 5.69 -59.08	144.29 5.66 -86.75	130.11 6.03 -68.72	101.86 8.39 -12.74	83.33 6.88 0.00	66.77 5.00 0.00	58.60 4.39 0.00	45.52 3.45 0.00	42.75 2.50 0.00
LOVETT___4 23642	48.84 3.24 0.00	44.97 3.22 0.00	40.53 2.74 -0.19	37.69 2.56 0.00	38.30 2.51 0.00	42.01 2.93 0.00	47.16 3.29 0.00	49.88 3.78 0.00	51.82 4.01 -0.12	58.83 4.69 -2.58	56.47 4.86 -0.47	60.55 5.59 0.35	69.96 5.41 -12.56	87.94 4.96 -37.01	118.97 5.73 -61.19	116.92 5.69 -59.08	144.29 5.66 -86.75	130.11 6.03 -68.72	101.86 8.39 -12.74	83.33 6.88 0.00	66.77 5.00 0.00	58.60 4.39 0.00	45.52 3.45 0.00	42.75 2.50 0.00
LOVETT___5 23593	48.84 3.24 0.00	44.97 3.22 0.00	40.53 2.74 -0.19	37.69 2.56 0.00	38.30 2.51 0.00	42.01 2.93 0.00	47.16 3.29 0.00	49.88 3.78 0.00	51.82 4.01 -0.12	58.83 4.69 -2.58	56.47 4.86 -0.47	60.55 5.59 0.35	69.96 5.41 -12.56	87.94 4.96 -37.01	118.97 5.73 -61.19	116.92 5.69 -59.08	144.29 5.66 -86.75	130.11 6.03 -68.72	101.86 8.39 -12.74	83.33 6.88 0.00	66.77 5.00 0.00	58.60 4.39 0.00	45.52 3.45 0.00	42.75 2.50 0.00
LOWER RAQUET___HYD 24057	43.64 -1.96 0.00	39.92 -1.84 0.00	35.91 -1.69 0.00	33.55 -1.58 0.00	34.15 -1.65 0.00	37.16 -1.91 0.00	41.10 -2.76 0.00	43.24 -2.86 0.00	44.93 -2.81 -0.05	48.29 -3.45 -0.19	47.90 -3.32 -0.08	51.53 -3.93 -0.14	48.10 -3.90 0.00	42.34 -3.63 0.00	48.04 -4.01 0.00	48.13 -4.17 -0.15	48.05 -3.84 0.00	50.87 -4.48 0.00	75.64 -5.08 0.00	72.40 -4.05 0.00	59.42 -2.35 0.00	51.98 -2.22 0.00	40.39 -1.68 0.00	38.96 -1.29 0.00
LOWER___HUDSON 24059	47.56 1.96 0.00	43.59 1.84 0.00	39.29 1.69 0.00	36.64 1.51 0.00	37.41 1.61 0.00	40.87 1.80 0.00	45.79 1.93 0.00	48.17 2.08 0.00	49.70 2.00 0.00	53.72 2.16 0.00	53.14 1.99 0.00	57.58 2.27 0.00	54.13 2.13 0.00	49.20 1.79 -1.44	54.93 1.98 -0.90	62.22 2.24 -7.82	56.84 2.13 -2.82	60.24 2.49 -2.39	84.43 3.72 0.00	79.59 3.14 0.00	64.17 2.41 0.00	56.38 2.17 0.00	43.71 1.64 0.00	41.70 1.45 0.00

LOWVILLE_115KV_TB2 356335	44.46 -1.14 0.00	40.51 -1.25 0.00	36.43 -1.17 0.00	33.90 -1.23 0.00	34.61 -1.18 0.00	37.94 -1.13 0.00	42.59 -1.27 0.00	44.94 -1.15 0.00	46.73 -1.05 -0.09	50.54 -1.39 -0.38	49.88 -1.43 -0.16	54.22 -1.38 -0.29	49.76 -2.24 0.00	43.30 -2.67 0.00	49.45 -2.60 0.00	49.60 -2.87 -0.31	49.14 -2.75 0.00	52.31 -3.04 0.00	80.56 -0.16 0.00	76.83 0.38 0.00	62.76 0.99 0.00	54.80 0.60 0.00	42.37 0.29 0.00	40.53 0.28 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.24 2.64 0.00	44.26 2.51 0.00	39.82 2.22 0.00	37.09 1.97 0.00	37.91 2.11 0.00	41.46 2.38 0.00	46.45 2.59 0.00	48.77 2.67 0.00	50.27 2.58 0.00	54.23 2.68 0.00	53.80 2.66 0.00	58.19 2.88 0.00	54.44 2.44 0.00	48.77 2.02 -0.78	54.72 2.19 -0.49	62.52 2.56 -7.81	56.09 2.54 -1.66	59.67 2.93 -1.38	85.40 4.68 0.00	80.65 4.20 0.00	65.04 3.27 0.00	57.13 2.93 0.00	44.13 2.06 0.00	42.10 1.85 0.00
LUTHERNY_35_KV_BK2 355980	48.29 2.69 0.00	44.26 2.51 0.00	39.82 2.22 0.00	37.13 2.00 0.00	37.91 2.11 0.00	41.50 2.42 0.00	46.50 2.63 0.00	48.82 2.72 0.00	50.32 2.62 0.00	54.28 2.73 0.00	53.85 2.71 0.00	58.25 2.93 0.00	54.49 2.50 0.00	48.77 2.02 -0.78	54.77 2.24 -0.49	62.57 2.61 -7.81	56.14 2.59 -1.66	59.73 2.99 -1.38	85.48 4.76 0.00	80.65 4.20 0.00	65.10 3.34 0.00	57.13 2.93 0.00	44.18 2.10 0.00	42.10 1.85 0.00
LWR__OSWEGATCHIE_HYD 23850	43.77 -1.82 0.00	39.96 -1.80 0.00	35.95 -1.65 0.00	33.51 -1.62 0.00	34.15 -1.65 0.00	37.32 -1.76 0.00	41.58 -2.28 0.00	43.79 -2.30 0.00	45.48 -2.29 -0.08	49.14 -2.73 -0.32	48.47 -2.81 -0.14	52.46 -3.10 -0.24	48.51 -3.48 0.00	42.43 -3.54 0.00	48.30 -3.75 0.00	48.43 -3.96 -0.24	48.15 -3.74 0.00	51.15 -4.21 0.00	77.25 -3.47 0.00	73.85 -2.60 0.00	60.53 -1.24 0.00	52.85 -1.36 0.00	40.98 -1.09 0.00	39.36 -0.89 0.00
LYONS_FALL_HYD 23570	45.23 -0.37 0.00	41.26 -0.50 0.00	37.11 -0.49 0.00	34.53 -0.60 0.00	35.26 -0.54 0.00	38.65 -0.43 0.00	43.38 -0.48 0.00	45.78 -0.32 0.00	47.53 -0.24 -0.08	51.35 -0.52 -0.32	50.72 -0.56 -0.14	55.22 -0.33 -0.24	50.85 -1.14 0.00	44.32 -1.65 0.00	50.59 -1.46 0.00	50.74 -1.72 -0.31	50.23 -1.66 0.00	53.47 -1.88 0.00	81.29 0.57 0.00	77.37 0.92 0.00	63.07 1.30 0.00	55.13 0.92 0.00	42.62 0.55 0.00	40.69 0.44 0.00
MADISON__COUNTY_LFGE 323628	46.65 1.05 0.00	42.59 0.84 0.00	38.31 0.71 0.00	35.72 0.60 0.00	36.44 0.64 0.00	39.90 0.82 0.00	44.87 1.01 0.00	47.05 1.11 0.16	48.66 1.14 0.18	52.71 1.03 -0.13	51.80 0.87 0.21	56.39 1.22 0.14	52.23 0.68 0.45	45.95 0.23 0.25	52.10 0.52 0.46	52.43 0.31 0.04	51.76 0.26 0.39	55.19 0.33 0.49	81.43 1.86 1.15	77.58 1.91 0.78	62.89 1.79 0.67	55.09 1.36 0.47	42.83 0.88 0.13	41.02 0.76 0.00
MALONE__115KV_TB1 356076	44.41 -1.19 0.00	40.67 -1.09 0.00	36.58 -1.02 0.00	34.21 -0.91 0.00	34.79 -1.00 0.00	38.02 -1.06 0.00	43.30 -0.57 0.00	45.54 -0.55 0.00	47.45 -0.24 0.00	51.19 -0.36 0.00	50.73 -0.41 0.00	54.43 -0.89 0.00	51.17 -0.83 0.00	45.19 -0.78 0.00	51.11 -0.94 0.00	51.11 -1.04 0.00	51.16 -0.73 0.00	54.47 -0.89 0.00	79.83 -0.89 0.00	76.30 -0.15 0.00	61.15 -0.62 0.00	53.56 -0.65 0.00	41.61 -0.46 0.00	39.89 -0.36 0.00
MAPLEWOD_115KV_TB3 80458	47.24 1.64 0.00	43.43 1.67 0.00	39.10 1.50 0.00	36.46 1.33 0.00	37.23 1.43 0.00	40.64 1.56 0.00	45.58 1.71 0.00	47.94 1.84 0.00	49.41 1.72 0.00	53.31 1.75 0.00	52.88 1.74 0.00	57.25 1.94 0.00	53.82 1.82 0.00	48.32 1.52 -0.83	54.28 1.72 -0.52	61.75 1.93 -7.66	55.52 1.87 -1.76	59.08 2.21 -1.51	83.87 3.15 0.00	79.05 2.60 0.00	63.74 1.98 0.00	56.00 1.79 0.00	43.55 1.47 0.00	41.46 1.21 0.00
MAPLE_RIDGE_WT_1 323574	44.37 -1.23 0.00	40.63 -1.13 0.00	36.59 -1.01 0.00	34.18 -0.95 0.00	34.86 -0.93 0.00	38.10 -0.98 0.00	42.86 -1.01 0.00	45.13 -0.97 0.00	46.79 -0.91 0.00	50.57 -0.98 0.00	50.12 -1.02 0.00	54.10 -1.22 0.00	50.85 -1.14 0.00	44.96 -1.01 0.00	50.95 -1.10 0.00	51.11 -1.04 0.00	50.96 -0.93 0.00	54.36 -0.99 0.00	79.42 -1.29 0.00	75.30 -1.14 0.00	60.90 -0.86 0.00	53.50 -0.71 0.00	41.65 -0.42 0.00	39.85 -0.40 0.00
MAPLE_RIDGE_WT_2 323611	44.37 -1.23 0.00	40.63 -1.13 0.00	36.59 -1.01 0.00	34.18 -0.95 0.00	34.86 -0.93 0.00	38.10 -0.98 0.00	42.86 -1.01 0.00	45.13 -0.97 0.00	46.79 -0.91 0.00	50.57 -0.98 0.00	50.12 -1.02 0.00	54.10 -1.22 0.00	50.85 -1.14 0.00	44.96 -1.01 0.00	50.95 -1.10 0.00	51.11 -1.04 0.00	50.96 -0.93 0.00	54.36 -0.99 0.00	79.42 -1.29 0.00	75.30 -1.14 0.00	60.90 -0.86 0.00	53.50 -0.71 0.00	41.65 -0.42 0.00	39.85 -0.40 0.00
MARBLE_RIVER_WT_PWR 323696	44.32 -1.28 0.00	40.59 -1.17 0.00	36.55 -1.05 0.00	34.18 -0.95 0.00	34.79 -1.00 0.00	37.98 -1.09 0.00	42.72 -1.14 0.00	44.99 -1.11 0.00	46.74 -0.95 0.00	50.37 -1.18 0.00	50.02 -1.13 0.00	53.82 -1.49 0.00	50.65 -1.35 0.00	44.68 -1.29 0.00	50.59 -1.46 0.00	50.64 -1.51 0.00	50.64 -1.25 0.00	53.86 -1.49 0.00	78.78 -1.94 0.00	75.15 -1.30 0.00	60.90 -0.86 0.00	53.45 -0.76 0.00	41.61 -0.46 0.00	39.89 -0.36 0.00
MARSHVLE_115KV_TB1 80742	48.15 2.55 0.00	44.05 2.30 0.00	39.83 2.03 -0.20	36.88 1.76 0.00	37.76 1.97 0.00	41.42 2.34 0.00	46.37 2.50 0.00	48.31 2.21 0.00	49.69 1.86 -0.14	55.88 1.65 -2.68	53.62 1.53 -0.94	57.03 1.71 0.00	53.09 1.09 0.00	47.15 0.64 -0.53	53.22 0.83 -0.33	61.95 1.15 -8.65	53.89 0.83 -1.17	57.81 1.44 -1.02	84.35 3.63 0.00	80.27 3.82 0.00	64.98 3.21 0.00	56.86 2.66 0.00	44.09 2.02 0.00	41.94 1.69 0.00
MARSH_HILL_WT_PWR 323713	42.65 -3.05 -0.11	75.54 -2.96 -36.74	64.23 -2.74 -29.37	64.04 -2.49 -31.41	70.15 -2.29 -36.64	81.48 -2.07 -44.47	88.46 -2.10 -46.70	93.39 -2.07 -49.37	81.00 -2.29 -35.59	48.88 -2.63 0.04	52.57 -2.81 -4.24	91.86 -2.93 -39.48	79.31 -2.76 -30.07	69.78 -2.48 -26.29	69.77 -3.18 -20.90	70.78 -3.44 -22.07	93.79 -3.37 -45.28	105.52 -3.21 -53.38	171.22 -3.79 -94.30	120.75 -3.36 -47.67	78.24 -2.35 -18.82	73.40 -1.95 -21.15	44.79 -2.02 -4.74	37.96 -2.29 0.00
MCINTYRE_115KV_TB2 80467	44.96 -0.64 0.00	41.09 -0.67 0.00	36.96 -0.64 0.00	34.50 -0.63 0.00	35.11 -0.68 0.00	38.37 -0.70 0.00	42.72 -1.14 0.00	44.90 -1.20 0.00	46.41 -1.29 0.00	49.80 -1.75 0.00	49.30 -1.84 0.00	52.83 -2.49 0.00	49.61 -2.39 0.00	43.76 -2.21 0.00	49.60 -2.45 0.00	49.78 -2.50 -0.12	49.71 -2.18 0.00	52.70 -2.66 0.00	78.13 -2.58 0.00	74.92 -1.53 0.00	61.21 -0.56 0.00	53.56 -0.65 0.00	41.65 -0.42 0.00	40.01 -0.24 0.00
MECO____69_KV_BK1 80468	48.84 3.24 0.00	44.68 2.92 0.00	40.32 2.56 -0.17	37.38 2.25 0.00	38.30 2.51 0.00	42.01 2.93 0.00	47.07 3.20 0.00	49.00 2.90 0.00	50.20 2.38 -0.12	56.00 2.17 -2.28	53.94 1.99 -0.80	57.36 2.05 0.00	53.35 1.35 0.00	47.33 0.92 -0.44	53.42 1.09 -0.28	62.07 1.62 -8.30	54.42 1.56 -0.97	58.52 2.32 -0.84	85.72 5.00 0.00	81.65 5.20 0.00	66.03 4.26 0.00	57.84 3.63 0.00	44.64 2.57 0.00	42.46 2.21 0.00

MENANDS__115KV_TB5 355628	47.01 1.41 0.00	43.26 1.50 0.00	38.95 1.35 0.00	36.36 1.23 0.00	37.08 1.29 0.00	40.48 1.41 0.00	45.40 1.54 0.00	47.71 1.61 0.00	49.17 1.48 0.00	53.10 1.55 0.00	52.63 1.48 0.00	56.97 1.66 0.00	53.61 1.61 0.00	48.18 1.38 -0.84	54.13 1.56 -0.52	61.53 1.72 -7.65	55.33 1.66 -1.78	58.87 1.99 -1.52	83.46 2.74 0.00	78.67 2.22 0.00	63.37 1.61 0.00	55.67 1.46 0.00	43.38 1.30 0.00	41.30 1.05 0.00
MG INDUSTRY__DRP 24185	47.29 1.69 0.00	43.43 1.67 0.00	39.10 1.50 0.00	36.50 1.37 0.00	37.23 1.43 0.00	40.60 1.52 0.00	45.49 1.62 0.00	47.80 1.71 0.00	49.22 1.53 0.00	52.94 1.39 0.00	52.52 1.38 0.00	56.86 1.55 0.00	53.45 1.46 0.00	47.65 1.33 -0.35	53.83 1.56 -0.22	61.32 1.72 -7.44	54.34 1.71 -0.73	57.91 1.94 -0.62	83.30 2.58 0.00	78.67 2.22 0.00	63.44 1.67 0.00	55.73 1.52 0.00	43.50 1.43 0.00	41.42 1.17 0.00
MID__OSWEGATCHIE_HYD 23849	43.77 -1.82 0.00	39.96 -1.80 0.00	35.95 -1.65 0.00	33.51 -1.62 0.00	34.15 -1.65 0.00	37.32 -1.76 0.00	41.58 -2.28 0.00	43.79 -2.30 0.00	45.48 -2.29 -0.08	49.14 -2.73 -0.32	48.47 -2.81 -0.14	52.46 -3.10 -0.24	48.51 -3.48 0.00	42.43 -3.54 0.00	48.30 -3.75 0.00	48.43 -3.96 -0.24	48.15 -3.74 0.00	51.15 -4.21 0.00	77.25 -3.47 0.00	73.85 -2.60 0.00	60.53 -1.24 0.00	52.85 -1.36 0.00	40.98 -1.09 0.00	39.36 -0.89 0.00
MID__RAQUETTE_HYD 23851	43.64 -1.96 0.00	39.92 -1.84 0.00	35.91 -1.69 0.00	33.55 -1.58 0.00	34.15 -1.65 0.00	37.20 -1.88 0.00	41.10 -2.76 0.00	43.24 -2.86 0.00	44.93 -2.81 -0.05	48.45 -3.30 -0.19	47.90 -3.32 -0.08	51.53 -3.93 -0.14	48.15 -3.85 0.00	42.34 -3.63 0.00	48.04 -4.01 0.00	48.14 -4.17 -0.15	48.00 -3.89 0.00	50.87 -4.48 0.00	75.63 -5.09 0.00	72.40 -4.05 0.00	59.42 -2.35 0.00	51.98 -2.22 0.00	40.43 -1.64 0.00	38.96 -1.29 0.00
MILLIKEN__1 23584	46.61 1.00 -0.01	45.02 0.84 -2.43	39.85 0.71 -1.54	37.85 0.63 -2.09	40.51 0.68 -4.03	46.37 0.74 -6.56	52.18 0.97 -7.35	53.77 0.97 -6.70	50.62 0.86 -2.07	47.75 0.82 4.63	50.50 0.66 1.30	59.05 0.72 -3.02	54.31 0.47 -1.85	48.78 0.32 -2.49	54.56 0.36 -2.15	55.67 0.31 -3.20	56.45 0.36 -4.20	61.41 0.61 -5.44	95.39 1.53 -13.14	84.07 1.61 -6.01	65.01 1.36 -1.89	56.20 0.98 -1.02	42.74 0.46 -0.20	40.61 0.36 0.00
MILLIKEN__2 23585	46.61 1.00 -0.01	45.02 0.84 -2.43	39.85 0.71 -1.54	37.85 0.63 -2.09	40.51 0.68 -4.03	46.37 0.74 -6.56	52.18 0.97 -7.35	53.77 0.97 -6.70	50.62 0.86 -2.07	47.75 0.82 4.63	50.50 0.66 1.30	59.05 0.72 -3.02	54.31 0.47 -1.85	48.78 0.32 -2.49	54.56 0.36 -2.15	55.67 0.31 -3.20	56.45 0.36 -4.20	61.41 0.61 -5.44	95.39 1.53 -13.14	84.07 1.61 -6.01	65.01 1.36 -1.89	56.20 0.98 -1.02	42.74 0.46 -0.20	40.61 0.36 0.00
MILLIKEN__DIESEL 23629	46.61 1.00 -0.01	45.02 0.84 -2.43	39.85 0.71 -1.54	37.85 0.63 -2.09	40.51 0.68 -4.03	46.37 0.74 -6.56	52.18 0.97 -7.35	53.77 0.97 -6.70	50.62 0.86 -2.07	47.75 0.82 4.63	50.50 0.66 1.30	59.05 0.72 -3.02	54.31 0.47 -1.85	48.78 0.32 -2.49	54.56 0.36 -2.15	55.67 0.31 -3.20	56.45 0.36 -4.20	61.41 0.61 -5.44	95.39 1.53 -13.14	84.07 1.61 -6.01	65.01 1.36 -1.89	56.20 0.98 -1.02	42.74 0.46 -0.20	40.61 0.36 0.00
MILLSEAT__LFGE 323607	42.20 -3.37 0.02	30.03 -3.55 8.18	27.24 -3.23 7.13	24.91 -3.09 7.13	23.99 -3.08 8.72	24.95 -3.32 10.80	28.56 -3.73 11.58	30.00 -3.87 12.22	36.65 -4.34 6.70	34.64 -4.74 12.17	18.48 -4.81 27.86	20.35 -5.31 29.65	13.58 -4.99 33.43	29.45 -4.32 12.20	22.48 -5.15 24.42	25.44 -5.27 21.45	33.78 -5.14 12.97	36.19 -5.26 13.90	43.41 -7.18 30.13	54.80 -6.88 14.77	48.97 -5.37 7.42	44.00 -4.82 5.38	36.50 -4.12 1.46	36.59 -3.66 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.02 3.42 0.00	45.14 3.38 0.00	40.64 2.86 -0.18	37.80 2.67 0.00	38.41 2.61 0.00	42.12 3.05 0.00	47.29 3.42 0.00	50.11 4.01 0.00	52.00 4.20 -0.11	58.96 4.90 -2.51	56.55 5.06 -0.34	60.75 5.86 0.43	66.07 5.62 -8.46	78.61 5.19 -27.45	101.02 5.99 -42.98	100.74 5.95 -42.63	121.68 5.92 -63.88	112.86 6.31 -51.19	98.07 8.72 -8.64	83.64 7.19 0.00	67.02 5.25 0.00	58.82 4.61 0.00	45.61 3.53 0.00	42.87 2.62 0.00
MILLWOOD_13_KV_LOAD 356217	49.20 3.60 0.00	45.27 3.51 0.00	40.75 2.97 -0.18	37.90 2.78 0.00	38.48 2.68 0.00	42.24 3.17 0.00	47.42 3.55 0.00	50.20 4.10 0.00	52.14 4.34 -0.11	59.11 5.05 -2.51	56.70 5.22 -0.34	60.97 6.08 0.43	66.28 5.82 -8.46	78.84 5.42 -27.45	101.28 6.25 -42.98	101.05 6.26 -42.63	121.99 6.23 -63.88	113.14 6.59 -51.19	98.40 9.04 -8.64	84.02 7.57 0.00	67.27 5.50 0.00	59.03 4.82 0.00	45.73 3.66 0.00	42.95 2.70 0.00
MODEL_CITY_ENERGY 24167	40.51 -5.06 0.02	26.63 -4.93 10.20	24.35 -4.48 8.78	22.02 -4.22 8.89	21.49 -4.19 10.12	22.68 -4.65 11.75	25.87 -5.40 12.59	26.75 -5.67 13.68	32.45 -6.34 8.90	30.33 -6.70 14.52	28.86 -6.60 15.69	28.38 -7.14 19.80	26.10 -6.60 19.29	27.42 -5.70 12.84	24.07 -6.56 21.42	26.56 -6.68 18.92	29.51 -6.49 15.89	32.02 -6.81 16.52	38.21 -9.77 32.73	50.44 -9.94 16.08	46.06 -7.72 7.98	40.79 -6.83 6.58	34.71 -5.64 1.73	35.30 -4.95 0.00
MODERN_LFGE__ 323580	40.51 -5.06 0.02	26.63 -4.93 10.20	24.35 -4.48 8.78	22.02 -4.22 8.89	21.49 -4.19 10.12	22.68 -4.65 11.75	25.87 -5.40 12.59	26.75 -5.67 13.68	32.45 -6.34 8.90	30.33 -6.70 14.52	28.86 -6.60 15.69	28.38 -7.14 19.80	26.10 -6.60 19.29	27.42 -5.70 12.84	24.07 -6.56 21.42	26.56 -6.68 18.92	29.51 -6.49 15.89	32.02 -6.81 16.52	38.21 -9.77 32.73	50.44 -9.94 16.08	46.06 -7.72 7.98	40.79 -6.83 6.58	34.71 -5.64 1.73	35.30 -4.95 0.00
MOHAWK_PAPER__DRP 24187	47.24 1.64 0.00	43.43 1.67 0.00	39.10 1.50 0.00	36.46 1.33 0.00	37.23 1.43 0.00	40.64 1.56 0.00	45.58 1.71 0.00	47.94 1.84 0.00	49.41 1.72 0.00	53.31 1.75 0.00	52.88 1.74 0.00	57.25 1.94 0.00	53.82 1.82 0.00	48.32 1.52 -0.83	54.28 1.72 -0.52	61.75 1.93 -7.66	55.52 1.87 -1.76	59.08 2.21 -1.51	83.87 3.15 0.00	79.05 2.60 0.00	63.74 1.98 0.00	56.00 1.79 0.00	43.55 1.47 0.00	41.46 1.21 0.00
MOHICAN__35_KV_115KV_LD 80490	48.84 3.24 0.00	44.76 3.01 0.00	40.27 2.67 0.00	37.48 2.35 0.00	38.34 2.54 0.00	42.01 2.93 0.00	47.16 3.29 0.00	49.41 3.32 0.00	50.94 3.24 0.00	54.85 3.30 0.00	54.42 3.27 0.00	58.80 3.48 0.00	54.86 2.86 0.00	48.97 2.25 -0.75	54.91 2.39 -0.47	62.88 2.92 -7.81	56.33 2.85 -1.59	60.00 3.32 -1.33	86.29 5.57 0.00	81.50 5.05 0.00	65.78 4.01 0.00	57.79 3.58 0.00	44.51 2.44 0.00	42.50 2.25 0.00
MONGAUP__HYD 23641	49.06 3.46 0.00	44.85 3.09 0.00	40.55 2.74 -0.20	37.73 2.60 0.00	38.26 2.47 0.00	42.01 2.93 0.00	47.33 3.46 0.00	49.88 3.78 0.00	51.50 3.67 -0.13	58.36 4.02 -2.79	55.82 3.94 -0.74	59.33 4.20 0.19	14.02 4.37 42.35	-45.63 4.05 95.65	-130.11 4.69 186.85	-107.81 4.80 164.76	-173.13 4.88 229.90	-114.21 5.53 175.10	45.66 7.59 42.64	82.72 6.27 0.00	66.52 4.76 0.00	58.22 4.01 0.00	45.14 3.07 0.00	42.71 2.46 0.00

MONTAUK___DIESEL 23721	50.54 4.92 -0.02	46.43 4.68 0.00	41.54 3.76 -0.18	38.64 3.51 0.00	39.19 3.40 0.00	42.98 3.91 0.00	48.60 4.74 0.00	51.95 5.85 0.00	57.73 6.25 -3.79	60.73 6.65 -2.53	60.84 6.29 -3.40	71.56 6.80 -9.44	88.89 6.08 -30.81	108.57 6.02 -56.58	145.02 7.03 -85.95	267.79 6.99 -208.64	285.22 7.01 -226.32	284.83 7.14 -222.33	340.12 9.93 -249.48	295.23 9.56 -209.23	240.19 8.22 -170.21	110.77 6.88 -49.68	61.25 4.75 -14.42	52.56 3.82 -8.49
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.19 -3.37 0.03	25.92 -3.59 12.25	23.63 -3.38 10.59	21.25 -3.23 10.64	21.29 -3.11 11.39	23.65 -2.97 12.46	28.39 -2.63 12.84	29.77 -2.49 13.83	35.10 -2.77 9.83	35.15 -2.63 13.77	34.44 -2.86 13.84	34.39 -2.66 18.27	32.22 -2.55 17.23	29.31 -2.39 14.27	26.64 -3.33 22.08	29.26 -3.39 19.51	29.79 -3.58 18.52	33.58 -3.16 18.62	42.88 -4.28 33.56	56.31 -3.67 16.47	50.43 -3.15 8.18	44.62 -2.49 7.10	37.89 -2.44 1.75	37.35 -2.90 0.00
MORRIS_RIDGE___SOLAR 323848	42.75 -2.73 0.11	7.51 -2.71 31.54	6.02 -2.56 29.02	6.60 -2.35 26.17	6.40 -2.25 27.14	6.21 -2.27 30.59	11.77 -2.50 29.60	-3.12 -2.54 46.68	6.47 -2.77 38.45	18.20 -3.09 30.26	25.76 -3.22 22.16	1.46 -3.54 50.31	8.04 -3.33 40.63	-2.05 -3.04 44.99	-10.77 -3.64 59.17	-5.99 -3.81 54.34	-15.41 -3.79 63.51	-12.81 -3.71 64.45	-24.22 -4.68 100.25	23.15 -4.28 49.02	40.09 -3.09 18.59	27.29 -2.60 24.32	33.88 -2.44 5.75	37.63 -2.62 0.00
MORTIMER_115KV_TB3 55949	43.82 -1.78 0.00	39.08 -2.21 0.46	34.81 -2.03 0.76	32.72 -1.97 0.44	30.82 -1.97 3.00	30.74 -2.15 6.19	34.38 -2.24 7.25	36.97 -2.40 6.73	43.81 -2.48 1.41	41.44 -2.78 7.33	46.94 -2.81 1.39	52.50 -3.21 -0.39	49.87 -3.12 -0.99	41.60 -2.62 1.75	45.34 -3.23 3.49	46.20 -3.29 2.67	46.37 -3.27 2.25	48.15 -3.38 3.83	57.37 -4.44 18.91	62.98 -3.98 9.49	53.68 -3.03 5.06	49.19 -2.87 2.14	38.87 -2.61 0.60	38.28 -1.97 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	49.38 3.78 0.00	45.52 3.76 0.00	40.94 3.16 -0.18	38.08 2.95 0.00	38.69 2.90 0.00	42.44 3.36 0.00	47.64 3.77 0.00	50.57 4.47 0.00	52.66 4.72 -0.24	59.55 5.46 -2.53	60.58 5.63 -3.81	64.13 6.47 -2.35	66.65 6.14 -8.52	77.40 5.65 -25.78	97.88 6.45 -39.38	97.95 6.42 -39.38	117.60 6.38 -59.33	109.76 6.70 -47.71	97.99 9.44 -7.83	84.09 7.64 0.00	67.27 5.50 0.00	59.25 5.04 0.00	45.99 3.91 0.00	43.07 2.82 0.00
MUNSVILLE_WIND_PWR 323609	48.52 2.92 0.00	45.90 2.46 -1.68	41.46 2.18 -1.68	38.51 1.93 -1.45	40.69 2.15 -2.75	46.12 2.62 -4.43	51.83 2.98 -4.98	53.94 3.36 -4.49	52.66 3.20 -1.77	59.89 2.94 -5.40	55.53 2.35 -2.03	60.43 3.21 -1.91	55.31 2.18 -1.13	49.73 0.97 -2.79	56.15 1.67 -2.44	57.66 1.30 -4.20	58.14 1.24 -5.00	62.33 1.55 -5.43	94.02 4.68 -8.62	85.15 4.90 -3.81	67.27 4.45 -1.05	58.26 3.52 -0.53	44.52 2.35 -0.09	42.14 1.89 0.00
N SALMON___HYD 24042	44.41 -1.19 0.00	40.63 -1.13 0.00	36.59 -1.01 0.00	34.21 -0.91 0.00	34.79 -1.00 0.00	38.02 -1.05 0.00	43.29 -0.57 0.00	45.54 -0.55 0.00	47.46 -0.24 0.00	50.94 -0.62 0.00	50.73 -0.41 0.00	54.43 -0.89 0.00	51.16 -0.83 0.00	45.19 -0.78 0.00	51.11 -0.94 0.00	51.11 -1.04 0.00	51.21 -0.68 0.00	54.47 -0.89 0.00	79.83 -0.89 0.00	76.30 -0.15 0.00	61.15 -0.62 0.00	53.56 -0.65 0.00	41.61 -0.46 0.00	39.93 -0.32 0.00
N.AKRON__115KV_KNAPP 355671	42.16 -3.42 0.02	29.58 -3.67 8.50	26.90 -3.31 7.39	24.52 -3.20 7.41	23.69 -3.15 8.95	24.66 -3.44 10.97	28.44 -3.68 11.74	29.71 -3.96 12.43	36.30 -4.48 6.91	34.29 -4.90 12.36	21.66 -4.96 24.52	23.19 -5.42 26.71	17.41 -5.10 29.49	29.46 -4.37 12.14	23.52 -5.20 23.33	26.27 -5.37 20.51	33.28 -5.19 13.43	35.72 -5.31 14.32	42.81 -7.35 30.57	54.44 -7.03 14.97	48.76 -5.50 7.51	43.77 -4.93 5.50	36.29 -4.29 1.49	36.55 -3.70 0.00
N.BELMOR_69_KV_BK1 55787	50.40 4.79 -0.02	46.35 4.59 0.00	41.58 3.80 -0.18	38.64 3.51 0.00	39.27 3.47 0.00	43.06 3.99 0.00	48.56 4.69 0.00	51.49 5.39 0.00	57.07 5.58 -3.79	60.22 6.13 -2.53	60.69 6.14 -3.40	71.89 7.14 -9.44	89.67 6.86 -30.81	128.98 6.21 -76.81	183.60 7.13 -124.42	267.89 7.09 -208.64	285.32 7.11 -226.32	285.27 7.58 -222.33	340.93 10.74 -249.48	294.70 9.02 -209.23	238.64 6.67 -170.21	109.91 6.02 -49.68	61.25 4.75 -14.42	52.44 3.70 -8.49
N.E_GEN_SANDY PD 24062	64.80 2.23 -16.97	56.20 2.13 -12.31	56.10 1.92 -16.58	53.90 1.79 -16.98	56.40 1.79 -18.82	50.10 2.03 -8.99	61.40 2.19 -15.34	64.70 2.44 -16.16	62.80 2.48 -12.63	54.69 2.78 -0.36	53.70 2.56 0.00	58.30 2.98 0.00	56.30 3.01 -1.29	61.60 2.76 -12.87	63.20 3.12 -8.03	64.65 3.18 -9.31	82.30 3.06 -27.35	88.36 3.38 -29.63	89.31 4.68 -3.91	94.10 3.90 -13.75	86.94 2.90 -22.27	67.41 2.60 -10.60	48.10 2.06 -3.97	41.67 1.73 0.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.93 3.33 0.00	45.06 3.30 0.00	40.61 2.82 -0.19	37.76 2.63 0.00	38.37 2.58 0.00	42.08 3.01 0.00	47.24 3.38 0.00	49.97 3.87 0.00	51.91 4.10 -0.12	58.89 4.74 -2.60	56.60 4.96 -0.49	60.73 5.75 0.34	71.72 5.51 -14.21	91.96 5.06 -40.94	126.44 5.78 -68.61	123.72 5.79 -65.78	153.73 5.71 -96.14	137.43 6.14 -75.93	103.68 8.56 -14.41	83.48 7.03 0.00	66.89 5.13 0.00	58.71 4.50 0.00	45.61 3.53 0.00	42.83 2.58 0.00
N.QUEENS_27_KV_LOAD 356247	49.66 4.06 -0.01	45.77 4.01 -0.01	41.25 3.46 -0.19	38.37 3.23 -0.01	38.99 3.19 -0.01	42.63 3.56 0.00	47.86 3.99 0.00	50.84 4.75 0.00	52.76 4.82 -0.25	59.81 5.72 -2.54	61.09 5.98 -3.96	63.51 6.69 -1.50	67.06 6.50 -8.57	77.33 5.56 -25.80	97.91 6.45 -39.41	97.93 6.36 -39.41	117.54 6.28 -59.37	109.68 6.59 -47.74	97.84 9.28 -7.84	83.87 7.42 -0.01	67.21 5.44 -0.01	59.58 5.37 -0.01	46.25 4.17 -0.01	43.28 3.02 -0.01
N.TROY___115KV_TB1 355778	47.56 1.96 0.00	43.68 1.92 0.00	39.33 1.73 0.00	36.71 1.58 0.00	37.44 1.65 0.00	40.91 1.84 0.00	45.80 1.93 0.00	48.17 2.07 0.00	49.70 2.00 0.00	53.67 2.11 0.00	53.19 2.05 0.00	57.58 2.27 0.00	54.13 2.13 0.00	49.21 1.79 -1.44	54.93 1.98 -0.90	62.22 2.24 -7.82	57.09 2.13 -3.07	60.42 2.49 -2.57	84.43 3.71 0.00	79.58 3.13 0.00	64.18 2.41 0.00	56.38 2.17 0.00	43.71 1.64 0.00	41.62 1.37 0.00
NARROWS_GT1_1 24228	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT1_2 24229	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01

NARROWS_GT1_3 24230	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT1_4 24231	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT1_5 24232	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT1_6 24233	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT1_7 24234	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT1_8 24235	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT2_1 24236	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT2_2 24237	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT2_3 24238	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT2_4 24239	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT2_5 24240	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT2_6 24241	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT2_7 24242	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NARROWS_GT2_8 24243	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.30 6.73 -39.41	117.95 6.70 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.11 2.51 0.00	44.14 2.38 0.00	39.71 2.11 0.00	37.06 1.93 0.00	37.76 1.97 0.00	41.26 2.19 0.00	46.28 2.41 0.00	48.54 2.44 0.00	49.65 1.96 0.00	53.25 1.70 0.00	52.73 1.59 0.00	56.97 1.66 0.00	53.45 1.46 0.00	48.85 1.61 -1.21	54.72 1.87 -0.79	61.83 2.19 -7.48	56.88 2.28 -2.71	60.71 2.93 -2.42	84.35 3.63 0.00	79.51 3.06 0.00	64.18 2.41 0.00	56.27 2.06 0.00	43.97 1.89 0.00	41.86 1.61 0.00

NCHELSEA_115KV_TR2 355582	49.25 3.65 0.00	45.27 3.51 0.00	40.79 3.01 -0.18	37.94 2.81 0.00	38.51 2.72 0.00	42.24 3.17 0.00	47.42 3.55 0.00	50.15 4.06 0.00	52.02 4.20 -0.13	58.88 4.85 -2.49	57.03 5.01 -0.87	61.12 5.81 0.00	62.70 5.51 -5.19	70.09 4.96 -19.16	85.35 5.73 -27.57	86.78 5.79 -28.84	101.68 5.76 -44.03	97.48 6.26 -35.87	94.59 8.72 -5.15	83.71 7.26 0.00	67.14 5.37 0.00	58.87 4.66 0.00	45.65 3.58 0.00	42.95 2.70 0.00
NEG CAPITAL___MECHNVIL 23645	48.29 2.69 0.00	44.22 2.46 0.00	39.82 2.22 0.00	37.09 1.97 0.00	37.91 2.11 0.00	41.46 2.38 0.00	46.50 2.63 0.00	48.81 2.72 0.00	50.36 2.67 0.00	54.39 2.83 0.00	53.85 2.71 0.00	58.30 2.98 0.00	54.60 2.60 0.00	49.06 2.12 -0.97	55.00 2.34 -0.60	62.68 2.71 -7.81	56.41 2.64 -1.87	60.01 3.10 -1.56	85.56 4.84 0.00	80.73 4.28 0.00	65.16 3.39 0.00	57.19 2.98 0.00	44.18 2.10 0.00	42.18 1.93 0.00
NEG CENTRAL_HIGH_ACRES 23767	43.64 -1.96 0.00	39.38 -2.13 0.25	35.03 -1.99 0.57	32.99 -1.90 0.24	30.11 -1.90 3.79	28.76 -2.07 8.24	31.99 -2.24 9.64	35.02 -2.40 8.68	43.99 -2.43 1.27	42.40 -2.68 6.47	46.39 -2.66 2.09	51.85 -3.04 0.42	48.86 -2.96 0.18	42.28 -2.53 1.17	46.42 -3.12 2.51	47.12 -3.23 1.81	47.13 -3.22 1.55	48.15 -3.32 3.88	53.76 -4.44 22.52	61.32 -3.98 11.15	53.22 -3.09 5.46	49.26 -2.98 1.96	38.92 -2.61 0.55	38.04 -2.21 0.00
NEG CENTRAL___DRP 24199	45.65 0.05 -0.01	44.57 -0.13 -2.93	39.41 -0.15 -1.96	37.46 -0.18 -2.50	52.26 -0.11 -16.57	73.43 -0.08 -34.44	83.80 0.09 -39.84	80.12 0.00 -34.03	49.98 -0.10 -2.38	46.31 -0.21 5.03	49.28 -0.31 1.56	58.33 -0.33 -3.34	53.53 -0.52 -2.05	47.63 -0.41 -2.07	52.54 -0.62 -1.11	53.33 -0.68 -1.85	54.96 -0.67 -3.75	67.35 -0.50 -12.49	151.63 -0.24 -71.15	108.68 -0.08 -32.31	72.43 0.06 -10.60	55.08 -0.16 -1.04	41.81 -0.46 -0.20	39.85 -0.40 0.00
NEG CENTRAL___INDECK 23768	45.14 -0.55 -0.09	71.50 -0.88 -30.62	61.38 -0.90 -24.68	60.37 -0.91 -26.16	63.56 -0.82 -28.59	71.08 -0.70 -32.71	75.53 -2.10 -33.77	80.55 -2.21 -36.67	74.72 -2.58 -29.61	48.97 -4.38 -1.80	52.02 -4.86 -5.74	83.78 -5.81 -34.27	73.52 -5.46 -26.98	62.52 -4.73 -21.28	62.72 -5.73 -16.39	63.71 -5.84 -17.39	83.06 -5.71 -36.88	92.00 -5.92 -42.57	140.56 -7.75 -67.60	104.52 -6.50 -34.57	72.55 -2.65 -13.44	70.57 -0.76 -17.12	44.77 -1.09 -3.79	39.12 -1.13 0.00
NEG CENTRAL___SENECA 23627	45.66 0.05 -0.01	46.28 -0.17 -4.69	40.63 -0.23 -3.26	38.89 -0.25 -4.00	62.77 -0.14 -27.12	95.43 -0.12 -56.47	109.31 0.09 -65.36	101.88 0.05 -55.74	51.27 -0.05 -3.62	44.29 -0.21 7.06	48.49 -0.36 2.30	59.50 -0.44 -4.63	54.56 -0.57 -3.13	48.55 -0.73 -3.09	52.98 -0.78 -1.66	53.78 -0.83 -2.46	56.60 -0.78 -5.49	74.61 -0.55 -19.81	197.01 -0.16 -116.46	129.23 0.00 -52.79	79.17 0.19 -17.22	55.61 -0.11 -1.51	41.85 -0.50 -0.28	39.73 -0.52 0.00
NEG CENTRAL___STATE_STREET 24147	45.74 0.14 0.00	42.90 0.04 -1.10	38.19 0.00 -0.59	36.03 -0.04 -0.94	40.32 -0.04 -4.56	48.27 0.00 -9.19	54.62 0.18 -10.58	55.39 0.09 -9.21	48.85 0.00 -1.15	48.17 -0.10 3.28	50.20 -0.10 0.85	57.20 -0.17 -2.05	52.75 -0.31 -1.07	46.68 -0.32 -1.03	52.11 -0.42 -0.48	52.94 -0.47 -1.25	53.56 -0.42 -2.08	59.56 -0.28 -4.48	100.14 0.00 -19.43	85.63 0.15 -9.03	65.19 0.25 -3.18	54.92 0.00 -0.71	41.94 -0.29 -0.16	40.05 -0.20 0.00
NEG MILLWOOD___DRP 24198	49.52 3.92 0.00	45.52 3.76 0.00	40.97 3.20 -0.18	38.11 2.99 0.00	38.66 2.86 0.00	42.44 3.36 0.00	47.64 3.77 0.00	50.38 4.29 0.00	52.31 4.48 -0.13	59.21 5.21 -2.45	57.49 5.42 -0.93	61.73 6.36 -0.06	62.82 6.14 -4.69	69.86 5.75 -18.15	84.03 6.61 -25.37	85.63 6.68 -26.79	100.19 6.75 -41.55	96.54 7.14 -34.04	94.96 9.61 -4.64	84.55 8.10 0.00	67.70 5.93 0.00	59.36 5.15 0.00	45.86 3.79 0.00	43.07 2.82 0.00
NEG NORTH_FLCN_SEA 23793	45.42 -0.18 0.00	41.59 -0.17 0.00	37.45 -0.15 0.00	35.02 -0.11 0.00	35.62 -0.18 0.00	38.92 -0.16 0.00	43.82 -0.04 0.00	46.14 0.05 0.00	48.03 0.33 0.00	51.81 0.26 0.00	51.40 0.26 0.00	55.20 -0.11 0.00	51.89 -0.10 0.00	45.83 -0.14 0.00	51.84 -0.21 0.00	51.84 -0.31 0.00	51.84 -0.05 0.00	55.19 -0.17 0.00	80.88 0.16 0.00	77.21 0.76 0.00	62.63 0.86 0.00	54.86 0.65 0.00	42.66 0.59 0.00	40.85 0.60 0.00
NEG NORTH_KES_CHATEGAY 23792	44.32 -1.28 0.00	40.63 -1.13 0.00	36.58 -1.02 0.00	34.18 -0.95 0.00	34.79 -1.00 0.00	37.98 -1.09 0.00	42.86 -1.01 0.00	45.08 -1.01 0.00	46.79 -0.91 0.00	50.47 -1.08 0.00	50.02 -1.13 0.00	53.82 -1.49 0.00	50.59 -1.40 0.00	44.68 -1.29 0.00	50.59 -1.46 0.00	50.70 -1.46 0.00	50.65 -1.25 0.00	53.97 -1.38 0.00	78.94 -1.78 0.00	75.30 -1.15 0.00	61.03 -0.74 0.00	53.56 -0.65 0.00	41.65 -0.42 0.00	39.93 -0.32 0.00
NEG NORTH___ALICE_FALLS 23915	45.32 -0.27 0.00	41.47 -0.29 0.00	37.34 -0.26 0.00	34.92 -0.21 0.00	35.51 -0.29 0.00	38.80 -0.27 0.00	43.73 -0.13 0.00	46.05 -0.05 0.00	47.93 0.24 0.00	51.66 0.10 0.00	51.25 0.10 0.00	55.04 -0.28 0.00	51.69 -0.31 0.00	45.65 -0.32 0.00	51.63 -0.42 0.00	51.69 -0.47 0.00	51.68 -0.21 0.00	55.08 -0.28 0.00	80.72 0.00 0.00	77.14 0.69 0.00	62.57 0.80 0.00	54.75 0.54 0.00	42.54 0.46 0.00	40.73 0.48 0.00
NEG NORTH___LWR_SARANAC 23913	45.32 -0.27 0.00	41.47 -0.29 0.00	37.34 -0.26 0.00	34.92 -0.21 0.00	35.51 -0.29 0.00	38.80 -0.27 0.00	43.73 -0.13 0.00	46.05 -0.05 0.00	47.93 0.24 0.00	51.66 0.10 0.00	51.25 0.10 0.00	55.04 -0.28 0.00	51.69 -0.31 0.00	45.65 -0.32 0.00	51.63 -0.42 0.00	51.69 -0.47 0.00	51.68 -0.21 0.00	55.08 -0.28 0.00	80.72 0.00 0.00	77.14 0.69 0.00	62.57 0.80 0.00	54.75 0.54 0.00	42.54 0.46 0.00	40.73 0.48 0.00
NEG NORTH___PLATTSBURG 23628	45.33 -0.27 0.00	41.47 -0.29 0.00	37.30 -0.30 0.00	34.92 -0.21 0.00	35.51 -0.29 0.00	38.80 -0.27 0.00	43.73 -0.13 0.00	46.05 -0.05 0.00	47.93 0.24 0.00	51.45 -0.10 0.00	51.25 0.10 0.00	55.04 -0.28 0.00	51.69 -0.31 0.00	45.65 -0.32 0.00	51.63 -0.42 0.00	51.64 -0.52 0.00	51.79 -0.10 0.00	55.08 -0.28 0.00	80.72 0.00 0.00	77.14 0.69 0.00	62.57 0.80 0.00	54.75 0.54 0.00	42.54 0.46 0.00	40.74 0.48 0.00
NEG WEST_LEA_LOCKPORT 23791	41.06 -4.51 0.02	26.88 -4.68 10.20	24.60 -4.21 8.79	22.24 -4.00 8.88	21.60 -3.97 10.22	22.70 -4.38 12.00	26.52 -4.78 12.57	27.55 -5.12 13.43	34.83 -5.68 7.19	32.79 -6.08 12.68	29.91 -6.09 15.15	30.11 -6.53 18.68	27.25 -6.08 18.66	27.89 -5.24 12.84	24.44 -6.09 21.52	26.93 -6.21 19.02	29.94 -6.12 15.83	32.50 -6.31 16.54	38.65 -9.04 33.03	51.53 -8.94 15.98	46.79 -6.98 7.99	42.28 -6.13 5.80	35.27 -5.18 1.63	35.74 -4.51 0.00
NEG WEST___LANCASTR 23811	43.34 -2.23 0.03	27.99 -2.17 11.60	25.55 -1.99 10.06	23.15 -1.90 10.08	23.12 -1.86 10.82	25.26 -1.95 11.86	29.66 -1.93 12.27	31.05 -2.03 13.01	35.29 -2.91 9.50	36.47 -2.84 12.25	34.30 -2.97 13.88	35.41 -2.49 17.41	32.64 -2.34 17.02	30.44 -1.93 13.60	28.34 -2.45 21.26	30.97 -2.45 18.74	31.75 -2.59 17.55	35.17 -2.49 17.70	44.73 -3.79 32.20	56.33 -4.28 15.84	49.98 -3.89 7.90	44.64 -2.71 6.86	38.03 -2.44 1.61	36.23 -4.03 0.00

NEG_PENN_ALLEGHNY 23528	46.24 0.64 0.00	42.61 0.50 -0.35	39.78 0.41 -1.76	35.81 0.35 -0.33	37.66 0.43 -1.43	42.34 0.47 -2.80	47.78 0.61 -3.30	49.42 0.69 -2.63	49.50 0.62 -1.19	73.85 0.72 -21.58	58.06 0.77 -6.15	55.42 1.00 0.89	51.09 0.83 1.74	48.40 0.69 -1.74	54.55 0.73 -1.77	56.24 0.68 -3.41	55.63 0.62 -3.12	58.99 0.77 -2.86	87.18 1.45 -5.01	79.39 1.15 -1.79	62.81 0.93 -0.11	54.47 0.70 0.44	42.22 0.30 0.15	40.25 0.00 0.00
NEG___GEN_MONROE 24207	43.77 -1.82 0.00	37.77 -2.25 1.73	33.71 -2.07 1.82	31.60 -2.00 1.52	29.71 -2.00 4.08	29.63 -2.15 7.30	33.26 -2.24 8.37	35.58 -2.49 8.02	42.32 -2.72 2.66	40.45 -3.09 8.01	27.22 -3.22 20.70	32.90 -3.60 18.81	25.59 -3.48 22.92	38.23 -2.94 4.80	35.74 -3.59 12.72	37.60 -3.70 10.86	44.34 -3.79 3.76	46.06 -3.76 5.53	54.46 -4.92 21.33	61.23 -4.43 10.79	52.87 -3.27 5.62	48.22 -3.09 2.90	38.53 -2.78 0.77	38.16 -2.09 0.00
NEPA___ENERGY 23901	43.06 -2.51 0.03	27.08 -2.76 11.93	24.66 -2.59 10.34	22.27 -2.49 10.36	22.34 -2.40 11.06	24.57 -2.46 12.04	29.05 -2.41 12.40	30.09 -2.58 13.43	35.08 -2.96 9.65	34.45 -2.99 14.11	34.46 -3.02 13.66	34.47 -2.93 17.92	32.42 -2.76 16.82	29.70 -2.39 13.88	27.64 -2.91 21.49	30.23 -2.97 18.95	30.82 -3.06 18.01	34.39 -2.88 18.09	44.22 -3.96 32.54	56.55 -3.90 16.00	50.46 -3.34 7.98	44.54 -2.71 6.96	37.66 -2.69 1.72	37.27 -2.98 0.00
NEVERSINK___HYD 23608	49.43 3.83 0.00	45.18 3.42 0.00	40.91 3.08 -0.23	38.01 2.88 0.00	38.55 2.76 0.00	42.32 3.24 0.00	47.64 3.77 0.00	50.29 4.19 0.00	52.10 4.24 -0.16	59.62 4.90 -3.17	57.20 5.01 -1.04	61.12 5.86 0.06	57.44 5.46 0.02	55.74 4.64 -5.13	60.71 5.46 -3.20	64.54 5.48 -6.91	68.33 5.50 -10.94	71.39 6.09 -9.95	89.52 8.80 0.00	83.72 7.27 0.00	67.33 5.56 0.00	58.92 4.71 0.00	45.65 3.57 0.00	43.19 2.94 0.00
NEWKRMKL_115KV_TB1 55635	46.87 1.28 0.00	43.09 1.34 0.00	38.80 1.20 0.00	36.22 1.09 0.00	36.94 1.15 0.00	40.33 1.25 0.00	45.23 1.36 0.00	47.52 1.43 0.00	48.93 1.24 0.00	52.79 1.24 0.00	52.37 1.23 0.00	56.70 1.38 0.00	53.25 1.25 0.00	47.72 1.06 -0.69	53.62 1.15 -0.43	61.19 1.41 -7.63	54.71 1.35 -1.47	58.27 1.66 -1.25	83.06 2.34 0.00	78.28 1.83 0.00	63.06 1.30 0.00	55.40 1.19 0.00	43.17 1.09 0.00	41.14 0.89 0.00
NEWTON___FALLS_HYD 23847	43.77 -1.82 0.00	39.96 -1.80 0.00	35.95 -1.65 0.00	33.51 -1.62 0.00	34.15 -1.65 0.00	37.32 -1.76 0.00	41.58 -2.28 0.00	43.79 -2.30 0.00	45.48 -2.29 -0.08	49.14 -2.73 -0.32	48.47 -2.81 -0.14	52.46 -3.10 -0.24	48.51 -3.48 0.00	42.43 -3.54 0.00	48.30 -3.75 0.00	48.43 -3.96 -0.24	48.15 -4.21 0.00	51.15 -3.47 0.00	77.25 -2.60 0.00	73.85 -1.24 0.00	60.53 -1.24 0.00	52.85 -1.36 0.00	40.98 -1.09 0.00	39.36 -0.89 0.00
NGRID_A1_DSASP 323792	40.86 -4.70 0.04	26.37 -4.84 10.54	24.18 -4.36 9.05	21.79 -4.15 9.19	21.35 -4.12 10.33	22.71 -4.53 11.83	26.12 -5.00 12.75	26.85 -5.30 13.94	29.93 -6.01 11.75	29.83 -6.44 15.28	29.17 -6.44 15.53	28.67 -6.64 20.01	26.53 -6.29 19.18	27.54 -5.29 13.14	24.21 -6.14 21.70	26.78 -6.21 19.18	29.34 -6.23 16.32	31.92 -6.53 16.90	38.25 -9.44 33.03	50.93 -9.10 16.43	46.41 -7.29 8.07	39.87 -6.40 7.94	34.85 -5.39 1.83	35.60 -4.63 0.02
NGRID_A2_DSASP 323793	40.86 -4.70 0.04	26.37 -4.84 10.54	24.18 -4.36 9.05	21.79 -4.15 9.19	21.35 -4.12 10.33	22.71 -4.53 11.83	26.12 -5.00 12.75	26.85 -5.30 13.94	29.93 -6.01 11.75	29.83 -6.44 15.28	29.17 -6.44 15.53	28.67 -6.64 20.01	26.53 -6.29 19.18	27.54 -5.29 13.14	24.21 -6.14 21.70	26.78 -6.21 19.18	29.34 -6.23 16.32	31.92 -6.53 16.90	38.25 -9.44 33.03	50.93 -9.10 16.43	46.41 -7.29 8.07	39.87 -6.40 7.94	34.85 -5.39 1.83	35.60 -4.63 0.02
NGRID_A4_DSASP 323807	40.86 -4.70 0.04	26.37 -4.84 10.54	24.18 -4.36 9.05	21.79 -4.15 9.19	21.35 -4.12 10.33	22.71 -4.53 11.83	26.12 -5.00 12.75	26.85 -5.30 13.94	29.93 -6.01 11.75	29.83 -6.44 15.28	29.17 -6.44 15.53	28.67 -6.64 20.01	26.53 -6.29 19.18	27.54 -5.29 13.14	24.21 -6.14 21.70	26.78 -6.21 19.18	29.34 -6.23 16.32	31.92 -6.53 16.90	38.25 -9.44 33.03	50.93 -9.10 16.43	46.41 -7.29 8.07	39.87 -6.40 7.94	34.85 -5.39 1.83	35.60 -4.63 0.02
NIAGARA_115E_LBMP 323715	40.19 -5.38 0.03	26.13 -5.14 10.49	23.93 -4.66 9.01	21.59 -4.39 9.14	21.13 -4.37 10.29	22.40 -4.85 11.83	25.42 -5.70 12.74	26.12 -6.04 13.94	31.49 -6.68 9.53	29.25 -7.06 15.24	28.66 -6.96 15.53	27.79 -7.52 20.00	25.91 -6.92 19.18	26.88 -5.98 13.11	23.57 -6.82 21.66	26.08 -6.94 19.14	28.88 -6.69 16.32	31.43 -7.03 16.90	37.49 -10.17 33.06	49.70 -10.47 16.28	45.55 -8.15 8.06	40.10 -7.21 6.90	34.35 -5.93 1.79	35.02 -5.23 0.00
NIAGARA_115W_LBMP 323714	40.72 -4.83 0.04	26.38 -4.84 10.53	24.15 -4.40 9.05	21.80 -4.15 9.18	21.35 -4.12 10.33	22.71 -4.53 11.83	25.95 -5.18 12.74	26.81 -5.35 13.94	29.65 -6.30 11.75	29.77 -6.50 15.28	29.12 -6.50 15.53	28.62 -6.69 20.00	26.48 -6.35 19.18	27.50 -5.33 13.14	24.22 -6.14 21.69	26.78 -6.21 19.17	29.29 -6.28 16.32	31.87 -6.59 16.90	38.14 -9.53 33.06	50.85 -9.18 16.42	46.35 -7.35 8.06	39.82 -6.45 7.94	34.85 -5.39 1.83	35.48 -4.75 0.02
NIAGARA_230_LBMP 323716	40.88 -4.70 0.02	26.41 -4.89 10.47	24.14 -4.48 8.99	21.82 -4.18 9.12	21.33 -4.19 10.27	22.69 -4.57 11.81	25.92 -5.22 12.72	26.78 -5.39 13.92	30.00 -5.96 11.73	30.00 -6.29 15.26	29.34 -6.29 15.51	28.53 -6.81 19.98	26.55 -6.29 19.16	27.45 -5.42 13.09	24.22 -6.19 21.64	26.78 -6.26 19.12	29.37 -6.23 16.30	32.00 -6.48 16.88	38.40 -9.28 33.04	50.87 -9.18 16.40	46.44 -7.29 8.04	40.00 -6.29 7.92	35.00 -5.26 1.81	35.66 -4.59 0.00
NIAGARA___115KV_198_GIBSON 55903	40.77 -4.79 0.04	26.34 -4.89 10.53	24.15 -4.40 9.05	21.80 -4.15 9.18	21.32 -4.15 10.33	22.67 -4.57 11.83	26.08 -5.04 12.74	26.81 -5.35 13.94	29.84 -6.10 11.75	29.73 -6.55 15.28	29.07 -6.55 15.53	28.62 -6.69 20.00	26.53 -6.29 19.18	27.50 -5.33 13.14	24.22 -6.14 21.69	26.78 -6.21 19.17	29.29 -6.28 16.32	31.87 -6.59 16.90	38.06 -9.61 33.06	50.85 -9.17 16.42	46.35 -7.35 8.06	39.77 -6.50 7.94	34.77 -5.47 1.83	35.52 -4.71 0.02
NIAGARA____ 23760	40.87 -4.70 0.03	26.40 -4.89 10.47	24.13 -4.48 8.99	21.82 -4.18 9.13	21.33 -4.19 10.28	22.69 -4.57 11.82	25.91 -5.22 12.73	26.77 -5.39 13.93	30.88 -5.96 10.85	30.00 -6.29 15.26	29.33 -6.29 15.52	28.52 -6.81 19.99	26.54 -6.29 19.16	27.45 -5.42 13.10	24.21 -6.19 21.64	26.77 -6.26 19.13	29.36 -6.23 16.30	31.99 -6.48 16.88	38.40 -9.28 33.04	50.91 -9.18 16.37	46.43 -7.29 8.05	40.31 -6.29 7.61	35.00 -5.26 1.81	35.66 -4.59 0.01
NINE_MILE_1 23575	44.37 -1.23 0.00	40.63 -1.13 0.00	36.55 -1.05 0.00	34.18 -0.95 0.00	34.83 -0.96 0.00	38.02 -1.05 0.00	42.59 -1.27 0.00	39.79 -1.48 4.83	36.56 -1.57 9.56	36.81 -1.70 13.04	35.41 -1.69 14.05	36.21 -1.82 17.28	36.39 -1.77 13.84	36.79 -1.52 7.66	35.93 -1.77 14.35	35.95 -1.77 14.43	37.01 -1.82 13.07	36.80 -1.88 16.67	39.37 -2.59 38.76	47.54 -2.45 26.46	37.14 -1.92 22.71	36.46 -1.79 15.96	36.15 -1.47 4.45	39.00 -1.25 0.00

NINE_MILE_2 23744	44.37 -1.23 0.00	40.63 -1.13 0.00	36.59 -1.01 0.00	34.18 -0.95 0.00	34.83 -0.96 0.00	38.02 -1.05 0.00	42.59 -1.27 0.00	39.73 -1.48 4.89	36.43 -1.57 9.69	36.63 -1.70 13.22	35.22 -1.69 14.24	35.97 -1.82 17.52	36.21 -1.77 14.02	36.69 -1.52 7.76	35.75 -1.77 14.53	35.76 -1.77 14.63	36.89 -1.76 13.24	36.58 -1.88 16.89	38.87 -2.59 39.26	47.20 -2.45 26.80	36.85 -1.92 23.01	36.25 -1.79 16.17	36.13 -1.43 4.51	39.00 -1.25 0.00
NM_CAPITAL___DRP 24208	46.92 1.32 0.00	43.18 1.42 0.00	38.88 1.28 0.00	36.29 1.16 0.00	37.01 1.22 0.00	40.40 1.33 0.00	45.31 1.45 0.00	47.62 1.52 0.00	49.08 1.38 0.00	52.94 1.39 0.00	52.52 1.38 0.00	56.86 1.55 0.00	53.45 1.46 0.00	48.05 1.24 -0.84	53.98 1.41 -0.52	61.41 1.62 -7.64	55.23 1.56 -1.78	58.76 1.88 -1.52	83.22 2.50 0.00	78.51 2.06 0.00	63.25 1.48 0.00	55.56 1.36 0.00	43.29 1.22 0.00	41.22 0.97 0.00
NM_CENTRAL___DRP 24181	45.32 -0.27 0.00	41.42 -0.33 0.00	37.11 -0.30 0.18	34.81 -0.32 0.00	35.51 -0.29 0.00	38.72 -0.35 0.00	43.56 -0.31 0.00	45.40 -0.41 0.28	46.82 -0.43 0.44	48.75 -0.52 2.28	49.42 -0.46 1.26	54.63 -0.44 0.24	50.68 -0.52 0.80	45.37 -0.46 0.14	50.79 -0.62 0.64	51.32 -0.68 0.16	51.09 -0.67 0.13	54.33 -0.66 0.36	77.81 -0.73 2.18	74.27 -0.69 1.49	59.94 -0.56 1.28	52.71 -0.60 0.90	41.19 -0.63 0.25	39.81 -0.44 0.00
NM_FRONTIER___DRP 24179	40.77 -4.79 0.04	26.34 -4.89 10.53	24.15 -4.40 9.05	21.80 -4.15 9.18	21.32 -4.15 10.33	22.67 -4.57 11.83	26.08 -5.04 12.74	26.81 -5.35 13.94	29.84 -6.10 11.75	29.73 -6.55 15.28	29.07 -6.55 15.53	28.62 -6.69 20.00	26.53 -6.29 19.18	27.50 -5.33 13.14	24.22 -6.14 21.69	26.78 -6.21 19.17	29.29 -6.28 16.32	31.87 -6.59 16.90	38.06 -9.61 33.06	50.85 -9.17 16.42	46.35 -7.35 8.06	39.77 -6.50 7.94	34.77 -5.47 1.83	35.52 -4.71 0.02
NM_ST_REGIS___HYD 24053	43.82 -1.78 0.00	40.13 -1.63 0.00	36.06 -1.54 0.00	33.69 -1.44 0.00	34.29 -1.50 0.00	37.39 -1.68 0.00	43.38 -0.48 0.00	45.63 -0.46 0.00	47.50 -0.19 0.00	51.24 -0.31 0.00	50.79 -0.36 0.00	54.43 -0.89 0.00	51.17 -0.83 0.00	45.14 -0.83 0.00	51.11 -0.94 0.00	51.11 -1.04 0.00	51.22 -0.67 0.00	54.52 -0.83 0.00	79.99 -0.73 0.00	76.45 0.00 0.00	59.91 -1.85 0.00	52.42 -1.79 0.00	40.73 -1.35 0.00	39.24 -1.01 0.00
NORTHPORT___1 23551	50.40 -4.79 -0.02	46.19 -4.42 -0.01	41.50 -3.72 -0.18	38.57 -3.44 0.00	39.16 -3.36 0.00	43.02 -3.94 0.00	48.65 -4.78 0.00	51.54 -5.44 -0.01	57.11 -5.63 -3.79	59.44 -5.36 -2.53	60.12 -5.58 -3.40	71.17 -6.41 -9.44	88.84 -6.03 -30.81	107.50 -5.65 -55.87	143.11 -6.45 -84.61	267.27 -6.47 -208.64	284.64 -6.43 -226.31	284.61 -6.92 -222.34	339.87 -9.68 -249.48	293.86 -8.18 -209.23	238.15 -6.18 -170.21	109.36 -5.47 -49.68	60.79 -4.29 -14.42	52.60 -3.86 -8.49
NORTHPORT___2 23552	50.40 -4.79 -0.02	46.19 -4.42 -0.01	41.50 -3.72 -0.18	38.57 -3.44 0.00	39.16 -3.36 0.00	43.02 -3.94 0.00	48.65 -4.78 0.00	51.54 -5.44 -0.01	57.11 -5.63 -3.79	59.44 -5.36 -2.53	60.12 -5.58 -3.40	71.17 -6.41 -9.44	88.84 -6.03 -30.81	107.50 -5.65 -55.87	143.11 -6.45 -84.61	267.27 -6.47 -208.64	284.64 -6.43 -226.31	284.61 -6.92 -222.34	339.87 -9.68 -249.48	293.86 -8.18 -209.23	238.15 -6.18 -170.21	109.36 -5.47 -49.68	60.79 -4.29 -14.42	52.60 -3.86 -8.49
NORTHPORT___3 23553	50.36 -4.74 -0.02	46.15 -4.38 -0.01	41.47 -3.69 -0.18	38.50 -3.37 0.00	39.12 -3.33 0.00	42.98 -3.91 0.00	48.60 -4.74 0.00	51.45 -5.34 -0.01	57.01 -5.53 -3.79	59.39 -5.31 -2.53	60.02 -5.48 -3.40	71.17 -6.41 -9.44	88.84 -6.03 -30.81	107.53 -5.61 -55.95	143.26 -6.45 -84.76	267.21 -6.41 -208.64	284.64 -6.43 -226.31	284.56 -6.86 -222.34	339.87 -9.68 -249.48	293.78 -8.10 -209.23	238.03 -6.06 -170.21	109.31 -5.42 -49.68	60.74 -4.25 -14.42	52.52 -3.78 -8.49
NORTHPORT___4 23650	50.36 -4.74 -0.02	46.15 -4.38 -0.01	41.47 -3.69 -0.18	38.50 -3.37 0.00	39.12 -3.33 0.00	42.98 -3.91 0.00	48.60 -4.74 0.00	51.45 -5.34 -0.01	57.01 -5.53 -3.79	59.39 -5.31 -2.53	60.02 -5.48 -3.40	71.17 -6.41 -9.44	88.84 -6.03 -30.81	107.53 -5.61 -55.95	143.26 -6.45 -84.76	267.21 -6.41 -208.64	284.64 -6.43 -226.31	284.56 -6.86 -222.34	339.87 -9.68 -249.48	293.78 -8.10 -209.23	238.03 -6.06 -170.21	109.31 -5.42 -49.68	60.74 -4.25 -14.42	52.52 -3.78 -8.49
NORTHPORT___IC 23718	50.45 -4.83 -0.02	46.39 -4.64 0.00	41.58 -3.80 -0.18	38.68 -3.55 0.00	39.27 -3.47 0.00	43.06 -3.99 0.00	48.60 -4.74 0.00	51.53 -5.44 0.00	57.11 -5.63 -3.79	59.91 -5.83 -2.53	60.17 -5.63 -3.40	71.17 -6.42 -9.44	88.84 -6.03 -30.81	107.50 -5.65 -55.87	143.11 -6.45 -84.61	267.27 -6.47 -208.64	284.65 -6.43 -226.32	284.61 -6.92 -222.33	339.88 -9.69 -249.48	293.86 -8.18 -209.23	238.15 -6.18 -170.21	109.36 -5.47 -49.68	60.79 -4.29 -14.42	52.36 -3.62 -8.49
NORTH___COUNTRY_ESR 323785	44.23 -1.37 0.00	40.51 -1.25 0.00	36.51 -1.09 0.00	34.11 -1.02 0.00	34.72 -1.07 0.00	37.90 -1.17 0.00	42.72 -1.14 0.00	44.99 -1.11 0.00	46.74 -0.95 0.00	50.37 -1.18 0.00	50.02 -1.13 0.00	53.82 -1.49 0.00	50.65 -1.35 0.00	44.68 -1.29 0.00	50.59 -1.46 0.00	50.70 -1.46 0.00	50.64 -1.25 0.00	53.86 -1.49 0.00	78.78 -1.94 0.00	75.15 -1.30 0.00	60.84 -0.92 0.00	53.45 -0.76 0.00	41.57 -0.50 0.00	39.85 -0.40 0.00
NPX_GEN_1385_PROXY 323591	50.44 -4.83 -0.02	46.24 -4.47 -0.01	41.54 -3.76 -0.18	38.61 -3.48 0.00	39.20 -3.40 0.00	43.02 -3.94 0.00	48.69 -4.83 0.00	51.59 -5.48 -0.01	57.16 -5.67 -3.79	59.44 -5.36 -2.53	60.12 -5.58 -3.40	71.17 -6.41 -9.44	88.84 -6.03 -30.81	107.54 -5.70 -55.87	143.16 -6.51 -84.61	267.27 -6.47 -208.64	284.69 -6.49 -226.31	284.67 -6.97 -222.34	339.87 -9.68 -249.48	293.86 -8.18 -209.23	238.21 -6.24 -170.21	109.42 -5.53 -49.68	61.14 -4.33 -14.73	52.33 -3.90 -8.18
NPX_GEN_CSC 323557	51.36 -5.75 -0.02	47.03 -5.26 -0.01	42.22 -4.43 -0.18	39.20 -4.07 0.00	39.84 -4.04 0.00	43.76 -4.69 0.00	49.53 -5.66 0.00	52.51 -6.41 -0.01	58.21 -6.73 -3.79	60.58 -6.50 -2.53	61.10 -6.55 -3.40	71.61 -6.86 -9.44	88.79 -5.98 -30.81	108.27 -5.75 -56.56	144.67 -6.72 -85.91	267.58 -6.78 -208.64	285.00 -6.80 -226.31	285.00 -7.31 -222.34	340.45 -10.25 -249.48	295.00 -9.32 -209.23	240.00 -8.03 -170.21	110.99 -7.10 -49.68	62.19 -5.39 -14.73	53.17 -4.75 -8.18
NSINS_S_GLNS_FALLS 23858	48.84 -3.24 0.00	44.76 -3.01 0.00	40.23 -2.63 0.00	37.45 -2.32 0.00	38.30 -2.51 0.00	41.97 -2.89 0.00	47.11 -3.25 0.00	49.41 -3.32 0.00	50.94 -3.24 0.00	54.85 -3.30 0.00	54.47 -3.32 0.00	58.86 -3.54 0.00	54.86 -2.86 0.00	48.94 -2.25 -0.72	54.89 -2.39 -0.45	62.88 -2.92 -7.81	56.28 -2.85 -1.53	59.96 -3.32 -1.28	86.29 -5.57 0.00	81.42 -4.97 0.00	65.72 -3.95 0.00	57.73 -3.52 0.00	44.51 -2.44 0.00	42.50 -2.25 0.00
NUCOR_STEEL___DRP 24197	45.96 -0.36 0.00	42.01 -0.25 0.00	37.48 -0.19 0.31	35.27 -0.14 0.00	37.35 -0.14 -1.41	42.43 -0.16 -3.19	47.87 -0.26 -3.74	49.37 -0.14 -3.13	47.82 -0.10 -0.03	48.35 -0.00 3.20	50.11 -0.00 1.03	56.05 -0.06 -0.79	51.84 -0.16 0.00	46.20 -0.18 -0.41	52.05 -0.26 -0.26	52.80 -0.31 -0.95	52.41 -0.31 -0.83	56.84 -0.17 -1.65	87.63 -0.16 -6.75	79.74 -0.23 -3.06	63.11 -0.31 -1.04	54.26 -0.05 0.00	41.91 -0.17 0.00	40.17 -0.08 0.00

NUMBER_THREE_WT_PWR 323818	44.32 -1.28 0.00	40.42 -1.34 0.00	36.32 -1.28 0.00	33.83 -1.30 0.00	34.51 -1.29 0.00	37.82 -1.25 0.00	42.46 -1.41 0.00	44.81 -1.29 0.00	46.60 -1.19 -0.09	50.39 -1.55 -0.39	49.78 -1.53 -0.17	54.11 -1.49 -0.29	49.61 -2.39 0.00	43.16 -2.81 0.00	49.34 -2.71 0.00	49.44 -3.03 -0.31	49.04 -2.85 0.00	52.20 -3.15 0.00	80.40 -0.32 0.00	76.76 0.31 0.00	62.70 0.93 0.00	54.69 0.49 0.00	42.33 0.25 0.00	40.45 0.20 0.00
NYISO_LBMP_REFERENCE 24008	45.60 0.00 0.00	41.76 0.00 0.00	37.60 0.00 0.00	35.13 0.00 0.00	35.79 0.00 0.00	39.08 0.00 0.00	43.87 0.00 0.00	46.10 0.00 0.00	47.69 0.00 0.00	51.55 0.00 0.00	51.14 0.00 0.00	55.31 0.00 0.00	52.00 0.00 0.00	45.97 0.00 0.00	52.05 0.00 0.00	52.16 0.00 0.00	51.89 0.00 0.00	55.35 0.00 0.00	80.72 0.00 0.00	76.45 0.00 0.00	61.77 0.00 0.00	54.21 0.00 0.00	42.07 0.00 0.00	40.25 0.00 0.00
NYPA_BRENTWD____GT 24164	51.08 5.47 -0.02	46.77 5.01 -0.01	41.99 4.21 -0.18	39.03 3.90 0.00	39.63 3.83 0.00	43.57 4.49 0.00	49.26 5.39 0.00	52.19 6.08 -0.01	57.88 6.39 -3.79	60.32 6.24 -2.53	61.04 6.50 -3.40	72.05 7.30 -9.44	89.47 6.66 -30.81	109.90 6.25 -57.68	147.32 7.23 -88.03	268.00 7.20 -208.64	285.41 7.21 -226.31	285.44 7.75 -222.34	341.09 10.89 -249.48	295.08 9.40 -209.23	239.14 7.16 -170.21	110.12 6.23 -49.68	61.54 5.05 -14.42	53.20 4.47 -8.49
NYPA_GOWANUS____GT5 24156	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.13 6.55 -8.58	77.51 5.75 -25.80	97.96 6.51 -39.40	98.30 6.73 -39.41	117.89 6.64 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.17 7.72 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NYPA_GOWANUS____GT6 24157	49.71 4.11 -0.01	45.61 3.84 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.91 3.11 -0.01	42.72 3.63 -0.01	48.13 4.25 -0.01	50.99 4.88 -0.01	53.06 5.11 -0.26	59.87 5.77 -2.55	61.24 6.03 -4.07	64.78 6.91 -2.55	67.13 6.55 -8.58	77.51 5.75 -25.80	97.96 6.51 -39.40	98.30 6.73 -39.41	117.89 6.64 -59.36	195.63 6.92 -133.36	98.23 9.68 -7.83	84.17 7.72 0.00	67.33 5.56 0.00	59.75 5.53 -0.01	46.33 4.25 -0.01	43.68 3.42 -0.01
NYPA_HARLEM__RVR__GT1 24160	49.53 3.92 -0.01	45.48 3.72 -0.01	41.06 3.27 -0.19	38.19 3.05 -0.01	38.81 3.01 -0.01	42.63 3.56 0.00	47.95 4.08 0.00	50.84 4.75 0.00	52.66 4.72 -0.25	59.39 5.31 -2.53	60.77 5.68 -3.95	63.32 6.41 -1.59	66.85 6.29 -8.57	77.14 5.38 -25.80	97.70 6.24 -39.41	97.77 6.20 -39.41	117.37 6.12 -59.36	109.51 6.42 -47.74	97.60 9.04 -7.84	83.64 7.18 -0.01	67.02 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.52 3.26 -0.01
NYPA_HARLEM__RVR__GT2 24161	49.53 3.92 -0.01	45.48 3.72 -0.01	41.06 3.27 -0.19	38.19 3.05 -0.01	38.81 3.01 -0.01	42.63 3.56 0.00	47.95 4.08 0.00	50.84 4.75 0.00	52.66 4.72 -0.25	59.39 5.31 -2.53	60.77 5.68 -3.95	63.32 6.41 -1.59	66.85 6.29 -8.57	77.14 5.38 -25.80	97.70 6.24 -39.41	97.77 6.20 -39.41	117.37 6.12 -59.36	109.51 6.42 -47.74	97.60 9.04 -7.84	83.64 7.18 -0.01	67.02 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.52 3.26 -0.01
NYPA_KENT____GT 24152	49.62 4.01 0.00	45.52 3.76 0.00	41.10 3.31 -0.19	38.22 3.09 0.00	38.81 3.01 0.00	42.64 3.56 0.00	47.99 4.12 0.00	50.89 4.79 0.00	52.96 5.01 -0.26	59.76 5.67 -2.54	61.04 5.88 -4.02	64.58 6.75 -2.51	66.94 6.39 -8.55	77.42 5.65 -25.80	97.90 6.45 -39.40	98.13 6.57 -39.41	117.73 6.49 -59.35	59.80 6.75 2.31	97.99 9.44 -7.83	84.02 7.57 0.00	67.20 5.44 0.00	59.58 5.37 0.00	46.24 4.17 0.00	43.56 3.30 0.00
NYPA_POUCH1____GT 24155	49.66 4.06 -0.01	45.57 3.80 -0.01	41.18 3.39 -0.19	38.30 3.16 -0.01	38.88 3.08 -0.01	42.72 3.63 -0.01	48.08 4.21 -0.01	50.94 4.84 -0.01	52.96 5.01 -0.26	59.72 5.62 -2.55	61.09 5.88 -4.07	64.56 6.69 -2.55	66.92 6.34 -8.58	77.28 5.51 -25.80	97.69 6.24 -39.39	98.03 6.47 -39.41	117.68 6.43 -59.36	109.79 6.70 -47.74	97.91 9.36 -7.83	83.95 7.50 0.00	67.08 5.31 0.00	59.64 5.42 -0.01	46.29 4.21 -0.01	43.64 3.38 -0.01
NYPA_VERNON____GT2 24162	49.47 3.87 0.00	45.39 3.63 0.00	40.98 3.19 -0.18	38.11 2.98 0.00	38.73 2.94 0.00	42.52 3.44 0.00	47.86 3.99 0.00	50.80 4.70 0.00	52.81 4.87 -0.25	59.66 5.57 -2.54	60.84 5.73 -3.97	64.37 6.58 -2.48	66.84 6.29 -8.56	77.37 5.61 -25.80	97.85 6.40 -39.40	97.97 6.41 -39.40	117.62 6.38 -59.35	96.40 6.64 -34.41	97.83 9.28 -7.83	83.86 7.41 0.00	67.08 5.31 0.00	59.47 5.26 0.00	46.11 4.04 0.00	43.47 3.22 0.00
NYPA_VERNON____GT3 24163	49.47 3.87 0.00	45.39 3.63 0.00	40.98 3.19 -0.18	38.11 2.98 0.00	38.73 2.94 0.00	42.52 3.44 0.00	47.86 3.99 0.00	50.80 4.70 0.00	52.81 4.87 -0.25	59.66 5.57 -2.54	60.84 5.73 -3.97	64.37 6.58 -2.48	66.84 6.29 -8.56	77.37 5.61 -25.80	97.85 6.40 -39.40	97.97 6.41 -39.40	117.62 6.38 -59.35	96.40 6.64 -34.41	97.83 9.28 -7.83	83.86 7.41 0.00	67.08 5.31 0.00	59.47 5.26 0.00	46.11 4.04 0.00	43.47 3.22 0.00
NYPA__ASTORIA_CC1 323568	49.43 3.83 0.00	45.35 3.59 0.00	40.94 3.16 -0.18	38.08 2.95 0.00	38.69 2.90 0.00	42.47 3.40 0.00	47.81 3.95 0.00	50.70 4.61 0.00	52.71 4.77 -0.25	59.55 5.46 -2.54	60.77 5.68 -3.95	64.25 6.47 -2.46	66.74 6.18 -8.56	77.24 5.47 -25.80	97.69 6.24 -39.40	97.87 6.31 -39.40	117.52 6.28 -59.35	109.62 6.53 -47.74	97.67 9.12 -7.83	83.63 7.18 0.00	66.96 5.19 0.00	59.36 5.15 0.00	46.07 4.00 0.00	43.39 3.14 0.00
NYPA__ASTORIA_CC2 323569	49.43 3.83 0.00	45.35 3.59 0.00	40.94 3.16 -0.18	38.08 2.95 0.00	38.69 2.90 0.00	42.47 3.40 0.00	47.81 3.95 0.00	50.70 4.61 0.00	52.71 4.77 -0.25	59.55 5.46 -2.54	60.77 5.68 -3.95	64.25 6.47 -2.46	66.74 6.18 -8.56	77.24 5.47 -25.80	97.69 6.24 -39.40	97.87 6.31 -39.40	117.52 6.28 -59.35	109.62 6.53 -47.74	97.67 9.12 -7.83	83.63 7.18 0.00	66.96 5.19 0.00	59.36 5.15 0.00	46.07 4.00 0.00	43.39 3.14 0.00
NYPA__HOLTSVILL 23794	50.95 5.33 -0.02	46.65 4.88 -0.01	41.92 4.14 -0.18	38.92 3.79 0.00	39.55 3.76 0.00	43.45 4.38 0.00	49.13 5.26 0.00	52.05 5.95 -0.01	57.68 6.20 -3.79	60.16 6.08 -2.53	60.84 6.29 -3.40	71.67 6.91 -9.44	89.10 6.29 -30.81	108.43 5.97 -56.49	144.75 6.92 -85.77	267.74 6.94 -208.64	285.16 6.96 -226.31	285.16 7.47 -222.34	340.68 10.49 -249.48	294.85 9.17 -209.23	239.14 7.16 -170.21	110.17 6.29 -49.68	61.46 4.96 -14.42	53.08 4.35 -8.49
NYPA__HELLGATE_GT1 24158	49.53 3.92 -0.01	45.48 3.72 -0.01	41.06 3.27 -0.19	38.19 3.05 -0.01	38.81 3.01 -0.01	42.63 3.56 0.00	47.95 4.08 0.00	50.84 4.75 0.00	52.66 4.72 -0.25	59.39 5.31 -2.53	60.77 5.68 -3.95	63.14 6.41 -1.41	66.85 6.29 -8.57	77.14 5.38 -25.80	97.70 6.24 -39.41	97.77 6.20 -39.41	117.38 6.12 -59.36	109.52 6.42 -47.75	97.60 9.04 -7.84	83.64 7.18 -0.01	67.02 5.25 -0.01	59.47 5.26 -0.01	46.16 4.08 -0.01	43.52 3.26 -0.01

NYPA_____HELLGATE_GT2 24159	49.53	45.48	41.06	38.19	38.81	42.63	47.95	50.84	52.66	59.39	60.77	63.14	66.85	77.14	97.70	97.77	117.38	109.52	97.60	83.64	67.02	59.47	46.16	43.52
	3.92	3.72	3.27	3.05	3.01	3.56	4.08	4.75	4.72	5.31	5.68	6.41	6.29	5.38	6.24	6.20	6.12	6.42	9.04	7.18	5.25	5.26	4.08	3.26
	-0.01	-0.01	-0.19	-0.01	-0.01	0.00	0.00	0.00	-0.25	-2.53	-3.95	-1.41	-8.57	-25.80	-39.41	-39.41	-59.36	-47.75	-7.84	-0.01	-0.01	-0.01	-0.01	-0.01
NYS_BARGE____HYD 23848	41.02	27.60	25.12	22.82	22.14	23.24	26.66	27.84	34.41	32.48	29.09	29.42	26.44	28.44	25.03	27.44	30.81	33.29	39.60	51.85	46.96	42.15	35.33	35.70
	-4.56	-4.55	-4.17	-3.93	-3.90	-4.26	-4.91	-5.12	-5.68	-6.03	-6.04	-6.53	-6.03	-5.24	-6.09	-6.26	-6.07	-6.31	-9.04	-8.94	-6.98	-6.13	-5.13	-4.55
	0.02	9.61	8.30	8.37	9.75	11.57	12.29	13.14	7.61	13.04	16.02	19.37	19.52	12.29	20.93	18.46	15.01	15.76	32.08	15.66	7.82	5.93	1.60	0.00
OAK ORCHARD____HYD 24046	43.77	39.12	34.81	32.76	30.82	30.82	34.33	36.97	43.80	41.49	46.94	52.50	49.92	41.60	45.34	46.20	46.37	48.15	57.37	62.98	53.68	49.19	38.91	38.20
	-1.83	-2.17	-2.03	-1.93	-1.97	-2.07	-2.28	-2.40	-2.48	-2.73	-2.81	-3.21	-3.07	-2.62	-3.23	-3.28	-3.27	-3.38	-4.44	-3.98	-3.03	-2.87	-2.57	-2.05
	0.00	0.46	0.76	0.44	3.00	6.19	7.25	6.73	1.41	7.33	1.39	-0.39	-0.99	1.75	3.49	2.67	2.26	3.83	18.91	9.49	5.06	2.14	0.60	0.00
OAKDALE____35_KV_LOAD 356122	46.10	42.56	39.84	35.77	37.67	42.48	47.95	49.49	49.43	75.80	58.52	55.17	50.82	48.37	54.61	56.28	55.67	58.99	87.45	79.39	62.65	54.35	42.09	40.13
	0.50	0.42	0.30	0.28	0.32	0.39	0.53	0.55	0.43	0.52	0.56	0.83	0.68	0.55	0.62	0.57	0.52	0.66	1.29	0.99	0.74	0.60	0.17	-0.12
	0.00	-0.38	-1.94	-0.36	-1.55	-3.01	-3.56	-2.84	-1.31	-23.73	-6.81	0.98	1.85	-1.85	-1.94	-3.55	-3.26	-2.97	-5.45	-1.95	-0.14	0.46	0.15	0.00
OCC_CHEM____DRP 24175	40.86	26.37	24.18	21.79	21.35	22.71	26.12	26.85	29.93	29.83	29.17	28.67	26.53	27.54	24.21	26.78	29.34	31.92	38.25	50.93	46.41	39.87	34.85	35.60
	-4.70	-4.84	-4.36	-4.15	-4.12	-4.53	-5.00	-5.30	-6.01	-6.44	-6.44	-6.64	-6.29	-5.29	-6.14	-6.21	-6.23	-6.53	-9.44	-9.10	-7.29	-6.40	-5.39	-4.63
	0.04	10.54	9.05	9.19	10.33	11.83	12.75	13.94	11.75	15.28	15.53	20.01	19.18	13.14	21.70	19.18	16.32	16.90	33.03	16.43	8.07	7.94	1.83	0.02
OH_GEN_PROXY 24063	41.06	27.44	25.00	22.71	22.25	23.68	27.02	28.02	31.30	30.30	30.20	30.40	28.10	28.50	25.50	28.00	30.85	33.60	41.09	52.37	47.22	40.91	34.50	29.10
	-4.52	-4.76	-4.36	-4.07	-4.08	-4.46	-5.04	-5.21	-5.72	-6.08	-6.09	-6.53	-6.08	-5.19	-5.93	-6.00	-5.97	-6.20	-8.80	-8.72	-6.92	-6.02	-5.09	-4.47
	0.02	9.56	8.24	8.34	9.46	10.94	11.80	12.87	10.67	15.17	14.86	18.39	17.81	12.27	20.61	18.16	15.07	15.56	30.83	15.36	7.63	7.27	2.48	6.68
OLIN_CORP_DRP 24177	40.37	25.88	23.78	21.41	20.97	22.27	25.59	25.98	31.32	28.42	28.82	27.65	26.04	26.75	23.53	25.99	28.66	31.24	37.40	49.81	45.62	40.06	34.29	35.18
	-5.20	-5.18	-4.62	-4.39	-4.37	-4.85	-5.44	-5.95	-6.58	-7.01	-6.90	-7.41	-6.86	-5.93	-6.71	-6.88	-6.64	-6.97	-10.09	-10.24	-8.03	-7.10	-5.93	-5.07
	0.03	10.70	9.19	9.33	10.45	11.96	12.83	14.17	9.80	16.12	15.42	20.26	19.09	13.29	21.81	19.28	16.59	17.14	33.23	16.40	8.11	7.04	1.85	0.00
OLIN_CORP_DSASP 323712	40.86	26.37	24.18	21.79	21.35	22.71	26.12	26.85	29.93	29.83	29.17	28.67	26.53	27.54	24.21	26.78	29.34	31.92	38.25	50.93	46.41	39.87	34.85	35.60
	-4.70	-4.84	-4.36	-4.15	-4.12	-4.53	-5.00	-5.30	-6.01	-6.44	-6.44	-6.64	-6.29	-5.29	-6.14	-6.21	-6.23	-6.53	-9.44	-9.10	-7.29	-6.40	-5.39	-4.63
	0.04	10.54	9.05	9.19	10.33	11.83	12.75	13.94	11.75	15.28	15.53	20.01	19.18	13.14	21.70	19.18	16.32	16.90	33.03	16.43	8.07	7.94	1.83	0.02
ONEIDA_HERK_LFGE 323681	45.69	41.72	37.49	34.92	35.65	39.08	43.91	46.33	48.05	51.89	51.22	55.81	51.48	44.87	51.27	51.36	50.80	54.14	81.76	77.83	63.37	55.40	42.83	40.89
	0.09	-0.04	-0.11	-0.21	-0.14	0.00	0.04	0.23	0.29	0.05	-0.05	0.28	-0.52	-1.10	-0.78	-1.10	-1.09	-1.22	1.05	1.38	1.60	1.19	0.76	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.29	-0.12	-0.22	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	46.65	42.59	38.31	35.72	36.44	39.90	44.87	47.05	48.66	52.71	51.80	56.39	52.23	45.95	52.10	52.43	51.76	55.19	81.43	77.58	62.89	55.09	42.83	41.02
	1.05	0.84	0.71	0.60	0.64	0.82	1.01	1.11	1.14	1.03	0.87	1.22	0.68	0.23	0.52	0.31	0.26	0.33	1.86	1.91	1.79	1.36	0.88	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.18	-0.13	0.21	0.14	0.45	0.25	0.46	0.04	0.39	0.49	1.15	0.78	0.67	0.47	0.13	0.00
ONONDAGA_REF_OCCRA 23987	45.60	41.63	37.27	34.99	36.35	40.41	45.53	47.22	47.20	48.79	49.75	55.15	51.11	45.75	51.32	51.98	51.64	55.40	82.04	76.57	61.20	53.28	41.47	39.97
	0.00	-0.13	-0.11	-0.14	-0.11	-0.16	-0.09	-0.14	-0.19	-0.26	-0.20	-0.22	-0.31	-0.28	-0.36	-0.42	-0.47	-0.39	-0.24	-0.23	-0.12	-0.27	-0.42	-0.28
	0.00	0.00	0.22	0.00	-0.66	-1.49	-1.75	-1.27	0.30	2.51	1.18	-0.06	0.57	-0.05	0.36	-0.24	-0.21	-0.43	-1.57	-0.35	0.45	0.66	0.18	0.00
ONONDAGA____COGEN 23986	45.69	41.76	37.32	35.09	36.89	41.55	46.81	48.46	47.61	49.26	50.36	56.03	51.74	46.08	51.90	52.53	52.16	56.31	85.79	78.66	62.47	53.94	41.69	40.01
	0.09	0.00	-0.04	-0.04	-0.04	-0.08	-0.04	-0.14	-0.19	-0.21	-0.15	-0.17	-0.26	-0.23	-0.36	-0.42	-0.42	-0.39	-0.32	-0.23	-0.12	-0.27	-0.38	-0.24
	0.00	0.00	0.24	0.00	-1.13	-2.55	-2.99	-2.50	-0.11	2.08	0.63	-0.88	0.00	-0.34	-0.21	-0.79	-0.69	-1.34	-5.39	-2.44	-0.83	0.00	0.00	0.00
ONTARIO____LFGE 23819	45.66	46.32	40.64	38.92	62.77	95.47	109.31	101.88	51.27	44.29	48.54	59.50	54.56	48.55	52.98	53.83	56.60	74.61	197.01	129.23	79.17	55.61	41.89	39.69
	0.05	-0.12	-0.22	-0.21	-0.14	-0.08	0.09	0.05	-0.05	-0.21	-0.31	-0.44	-0.57	-0.50	-0.73	-0.78	-0.78	-0.55	-0.16	0.00	0.19	-0.11	-0.46	-0.56
	-0.01	-4.69	-3.26	-4.00	-27.12	-56.47	-65.36	-55.74	-3.62	7.06	2.30	-4.63	-3.13	-3.09	-1.66	-2.46	-5.48	-19.81	-116.46	-52.79	-17.22	-1.51	-0.28	0.00
ORANGEVILLE_WT_PWR 323706	42.01	5.81	7.27	4.01	4.01	5.76	9.69	8.65	17.58	24.45	28.63	13.54	16.75	9.12	2.51	6.47	1.25	4.00	-0.25	34.29	40.68	33.27	34.69	36.99
	-3.51	-3.55	-3.27	-3.06	-2.97	-3.05	-3.34	-3.36	-3.58	-3.87	-3.99	-4.31	-4.06	-3.59	-4.32	-4.43	-4.41	-4.48	-5.89	-5.58	-4.33	-3.63	-3.20	-3.26
	0.08	32.40	27.06	28.06	28.81	30.27	30.84	34.09	26.54	23.23	18.52	37.46	31.20	33.26	45.22	41.25	46.23	46.87	75.08	36.58	16.76	17.30	4.19	0.00
ORANGEVILLE____ESR 323794	42.01	5.81	7.27	4.01	4.01	5.76	9.69	8.65	17.58	24.45	28.63	13.54	16.75	9.12	2.51	6.47	1.25	4.00	-0.25	34.29	40.68	33.27	34.69	36.99
	-3.51	-3.55	-3.27	-3.06	-2.97	-3.05	-3.34	-3.36	-3.58	-3.87	-3.99	-4.31	-4.06	-3.59	-4.32	-4.43	-4.41	-4.48	-5.89	-5.58	-4.33	-3.63	-3.20	-3.26
	0.08	32.40	27.06	28.06	28.81	30.27	30.84	34.09	26.54	23.23	18.52	37.46	31.20	33.26	45.22	41.25	46.23	46.87	75.08	36.58	16.76	17.30	4.19	0.00

OSWEGATCHIE___HYD 24044	43.77 -1.83 0.00	40.01 -1.75 0.00	35.95 -1.65 0.00	33.51 -1.62 0.00	34.15 -1.65 0.00	37.32 -1.76 0.00	41.58 -2.28 0.00	43.79 -2.30 0.00	45.48 -2.29 -0.08	49.04 -2.84 -0.32	48.47 -2.81 -0.14	52.46 -3.10 -0.24	48.51 -3.48 0.00	42.43 -3.54 0.00	48.30 -3.75 0.00	48.43 -3.97 -0.24	48.15 -3.74 0.00	51.15 -4.21 0.00	77.25 -3.47 0.00	73.85 -2.60 0.00	60.53 -1.23 0.00	52.85 -1.35 0.00	40.98 -1.09 0.00	39.36 -0.89 0.00
OSWEGO___5 23606	44.69 -0.91 0.00	40.92 -0.83 0.00	36.81 -0.79 0.00	34.39 -0.74 0.00	35.04 -0.75 0.00	38.25 -0.82 0.00	42.90 -0.97 0.00	46.89 -1.15 -1.95	50.89 -1.19 -4.39	57.76 -1.29 -7.49	56.50 -1.28 -6.64	62.59 -1.38 -8.65	56.22 -1.35 -5.58	48.10 -1.20 -3.33	56.63 -1.35 -5.93	57.31 -1.41 -6.56	56.23 -1.40 -5.74	61.05 -1.44 -7.13	94.28 -1.94 -15.50	85.19 -1.84 -10.58	69.37 -1.48 -9.08	59.24 -1.35 -6.38	42.72 -1.13 -1.78	39.25 -1.00 0.00
OSWEGO___6 23613	44.69 -0.91 0.00	40.92 -0.83 0.00	36.81 -0.79 0.00	34.39 -0.74 0.00	35.04 -0.75 0.00	38.25 -0.82 0.00	42.90 -0.97 0.00	46.89 -1.15 -1.95	50.89 -1.19 -4.39	57.76 -1.29 -7.49	56.50 -1.28 -6.64	62.59 -1.38 -8.65	56.22 -1.35 -5.58	48.10 -1.20 -3.33	56.63 -1.35 -5.93	57.31 -1.41 -6.56	56.23 -1.40 -5.74	61.05 -1.44 -7.13	94.28 -1.94 -15.50	85.19 -1.84 -10.58	69.37 -1.48 -9.08	59.24 -1.35 -6.38	42.72 -1.13 -1.78	39.25 -1.00 0.00
OUTOKUMPU-AB___DRP 24206	41.88 -3.69 0.03	26.43 -3.93 11.40	24.26 -3.53 9.80	21.80 -3.41 9.92	21.35 -3.36 11.08	22.80 -3.63 12.64	26.77 -3.86 13.23	27.94 -4.01 14.15	34.28 -4.39 9.02	33.43 -4.64 13.48	31.14 -4.81 15.19	30.74 -5.03 19.55	28.28 -4.73 18.99	27.96 -4.14 13.87	24.61 -5.05 22.39	27.16 -5.16 19.83	29.17 -5.19 17.53	32.05 -5.31 17.99	38.77 -7.59 34.36	52.48 -7.19 16.78	47.70 -5.74 8.32	42.64 -4.82 6.74	36.18 -4.17 1.73	36.39 -3.86 0.00
OXBOW___BTM 323836	40.86 -4.70 0.04	26.50 -4.72 10.54	24.22 -4.32 9.05	21.87 -4.07 9.19	21.42 -4.04 10.33	22.83 -4.42 11.83	26.08 -5.04 12.75	26.99 -5.16 13.94	29.88 -6.06 11.75	30.03 -6.24 15.28	29.32 -6.29 15.53	28.78 -6.53 20.01	26.63 -6.19 19.18	27.63 -5.19 13.14	24.32 -6.04 21.70	26.88 -6.10 19.18	29.40 -6.18 16.32	32.03 -6.42 16.90	38.41 -9.28 33.03	51.08 -8.94 16.43	46.60 -7.10 8.07	40.03 -6.23 7.94	35.02 -5.22 1.83	35.64 -4.59 0.02
OXBOW___ 24026	40.95 -4.61 0.04	26.41 -4.80 10.54	24.22 -4.32 9.05	21.86 -4.07 9.19	21.38 -4.08 10.33	22.75 -4.49 11.83	26.21 -4.91 12.75	26.99 -5.16 13.94	30.03 -5.91 11.75	29.98 -6.29 15.28	29.27 -6.34 15.53	28.78 -6.53 20.01	26.68 -6.14 19.18	27.63 -5.19 13.14	24.31 -6.04 21.70	26.83 -6.15 19.18	29.39 -6.17 16.32	32.03 -6.42 16.90	38.33 -9.36 33.03	51.08 -8.94 16.43	46.60 -7.10 8.07	40.04 -6.23 7.94	34.94 -5.30 1.83	35.68 -4.55 0.02
OXY_CHEM_DSASP 323612	40.86 -4.70 0.04	26.37 -4.84 10.54	24.18 -4.36 9.05	21.79 -4.15 9.19	21.35 -4.12 10.33	22.71 -4.53 11.83	26.12 -5.00 12.75	26.85 -5.30 13.94	29.93 -6.01 11.75	29.83 -6.44 15.28	29.17 -6.44 15.53	28.67 -6.64 20.01	26.53 -6.29 19.18	27.54 -5.29 13.14	24.21 -6.14 21.70	26.78 -6.21 19.18	29.34 -6.23 16.32	31.92 -6.53 16.90	38.25 -9.44 33.03	50.93 -9.10 16.43	46.41 -7.29 8.07	39.87 -6.40 7.94	34.85 -5.39 1.83	35.60 -4.63 0.02
OZONE_PARK_ESR 323760	49.93 4.33 0.00	45.98 4.22 0.00	41.35 3.57 -0.18	38.43 3.30 0.00	39.05 3.26 0.00	42.83 3.75 0.00	48.16 4.30 0.00	51.17 5.07 0.00	53.24 5.29 -0.25	60.28 6.19 -2.54	61.51 6.29 -4.08	65.07 7.19 -2.56	67.40 6.81 -8.59	78.09 6.30 -25.82	98.71 7.23 -39.42	98.74 7.15 -39.44	118.45 7.16 -59.40	110.70 7.58 -47.77	99.21 10.65 -7.84	85.24 8.79 0.00	68.13 6.36 0.00	60.01 5.80 0.00	46.49 4.42 0.00	43.47 3.22 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.86 -4.70 0.04	26.37 -4.84 10.54	24.18 -4.36 9.05	21.79 -4.15 9.19	21.35 -4.12 10.33	22.71 -4.53 11.83	26.12 -5.00 12.75	26.85 -5.30 13.94	29.93 -6.01 11.75	29.83 -6.44 15.28	29.17 -6.44 15.53	28.67 -6.64 20.01	26.53 -6.29 19.18	27.54 -5.29 13.14	24.21 -6.14 21.70	26.78 -6.21 19.18	29.34 -6.23 16.32	31.92 -6.53 16.90	38.25 -9.44 33.03	50.93 -9.10 16.43	46.41 -7.29 8.07	39.87 -6.40 7.94	34.85 -5.39 1.83	35.60 -4.63 0.02
PACKARD___115KV_DUPONT_184 80571	40.77 -4.79 0.04	26.42 -4.80 10.54	24.15 -4.40 9.05	21.83 -4.11 9.19	21.35 -4.12 10.33	22.75 -4.49 11.83	25.99 -5.13 12.75	26.85 -5.30 13.94	29.79 -6.15 11.75	29.87 -6.39 15.28	29.22 -6.39 15.53	28.67 -6.64 20.01	26.53 -6.29 19.18	27.54 -5.28 13.14	24.21 -6.14 21.70	26.77 -6.21 19.18	29.34 -6.23 16.32	31.92 -6.53 16.90	38.25 -9.44 33.03	50.92 -9.10 16.43	46.41 -7.29 8.07	39.87 -6.40 7.94	34.90 -5.34 1.83	35.52 -4.71 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	49.62 4.01 -0.01	45.73 3.97 -0.01	41.17 3.38 -0.19	38.30 3.16 -0.01	38.92 3.11 -0.01	42.55 3.48 0.00	47.77 3.90 0.00	50.71 4.61 0.00	52.62 4.67 -0.25	59.45 5.36 -2.54	60.67 5.57 -3.95	63.12 6.31 -1.50	66.75 6.19 -8.57	77.15 5.38 -25.80	97.76 6.30 -39.41	97.93 6.36 -39.41	117.59 6.33 -59.37	109.68 6.59 -47.74	97.76 9.20 -7.84	83.80 7.34 -0.01	67.09 5.31 -0.01	59.53 5.31 -0.01	46.20 4.12 -0.01	43.24 2.98 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	50.85 5.24 -0.01	46.86 5.09 -0.01	42.19 4.40 -0.19	39.25 4.11 -0.01	39.88 4.08 -0.01	43.57 4.49 0.00	48.87 5.00 0.00	51.86 5.76 0.00	53.76 5.82 -0.25	60.69 6.60 -2.54	61.90 6.80 -3.95	64.39 7.58 -1.50	68.00 7.44 -8.57	78.30 6.53 -25.80	99.06 7.60 -39.41	99.28 7.72 -39.41	119.00 7.73 -59.37	111.18 8.08 -47.74	99.94 11.38 -7.84	85.71 9.25 -0.01	68.57 6.79 -0.01	60.72 6.50 -0.01	47.13 5.05 -0.01	44.12 3.86 -0.01
PATROON___115KV_TB1 80586	47.01 1.41 0.00	43.22 1.46 0.00	38.88 1.28 0.00	36.29 1.16 0.00	37.01 1.22 0.00	40.44 1.37 0.00	45.36 1.49 0.00	47.66 1.57 0.00	49.08 1.38 0.00	52.94 1.39 0.00	52.52 1.38 0.00	56.92 1.60 0.00	53.45 1.46 0.00	47.87 1.20 -0.71	53.79 1.30 -0.44	61.37 1.56 -7.65	54.90 1.50 -1.51	58.47 1.83 -1.29	83.30 2.58 0.00	78.51 2.06 0.00	63.25 1.48 0.00	55.56 1.36 0.00	43.29 1.22 0.00	41.22 0.97 0.00
PATTRSNVILLE___SOLAR 323815	47.51 1.91 0.00	43.51 1.75 0.00	39.18 1.58 0.00	36.53 1.41 0.00	37.30 1.50 0.00	40.75 1.68 0.00	45.75 1.88 0.00	47.89 1.80 0.00	49.26 1.57 0.00	53.15 1.60 0.00	52.63 1.48 0.00	56.92 1.61 0.00	53.30 1.30 0.00	47.42 1.10 -0.35	53.57 1.30 -0.22	61.60 1.51 -7.93	54.11 1.51 -0.71	57.89 1.99 -0.54	84.11 3.39 0.00	79.59 3.14 0.00	64.24 2.47 0.00	56.43 2.22 0.00	43.67 1.60 0.00	41.66 1.41 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.83 -2.74 0.03	26.88 -2.80 12.08	24.63 -2.56 10.42	22.20 -2.42 10.50	22.09 -2.36 11.34	24.05 -2.50 12.53	28.27 -2.59 13.01	29.96 -2.67 13.46	34.49 -3.34 9.86	37.98 -3.40 10.17	33.40 -3.53 14.22	34.41 -3.32 17.58	31.18 -3.07 17.75	29.12 -2.62 14.23	26.52 -3.28 22.25	29.14 -3.34 19.67	30.07 -3.48 18.34	33.38 -3.43 18.54	41.82 -5.00 33.89	54.61 -5.20 16.64	49.01 -4.51 8.25	43.72 -3.36 7.13	37.52 -2.99 1.57	36.27 -3.98 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	49.52 3.92 0.00	45.52 3.76 0.00	40.97 3.20 -0.18	38.11 2.99 0.00	38.66 2.86 0.00	42.44 3.36 0.00	47.64 3.77 0.00	50.38 4.29 0.00	52.31 4.48 -0.13	59.21 5.21 -2.45	57.49 5.42 -0.93	61.73 6.36 -0.06	62.82 6.14 -4.69	69.86 5.75 -18.15	84.03 6.61 -25.37	85.63 6.68 -26.79	100.19 6.75 -41.55	96.54 7.14 -34.04	94.96 9.61 -4.64	84.55 8.10 0.00	67.70 5.93 0.00	59.36 5.15 0.00	45.86 3.79 0.00	43.07 2.82 0.00
PEEKSKILL____ 23653	48.97 3.37 0.00	44.89 3.13 0.00	40.57 2.78 -0.18	37.69 2.56 0.00	38.30 2.50 0.00	42.04 2.97 0.00	47.29 3.42 0.00	50.06 3.96 0.00	51.95 4.15 -0.11	58.87 4.80 -2.52	56.45 4.96 -0.35	60.69 5.81 0.43	66.52 5.57 -8.95	79.75 5.19 -28.59	103.16 5.93 -45.18	102.72 5.94 -44.62	124.35 5.86 -66.60	114.95 6.31 -53.29	98.57 8.72 -9.14	83.63 7.18 0.00	66.96 5.19 0.00	58.81 4.61 0.00	45.61 3.53 0.00	43.07 2.82 0.00
PGE MADISON___WINDPWR 24146	48.52 2.92 0.00	45.94 2.51 -1.68	41.46 2.18 -1.68	38.51 1.93 -1.45	40.73 2.18 -2.75	46.12 2.62 -4.43	51.83 2.98 -4.98	53.95 3.36 -4.49	52.66 3.20 -1.77	59.94 2.99 -5.40	55.53 2.35 -2.03	60.43 3.21 -1.91	55.31 2.18 -1.13	49.72 0.97 -2.79	56.15 1.67 -2.44	57.66 1.30 -4.20	58.14 1.25 -5.01	62.33 1.55 -5.43	94.02 4.68 -8.62	85.15 4.89 -3.81	67.26 4.45 -1.05	58.27 3.52 -0.53	44.48 2.31 -0.09	42.10 1.85 0.00
PIERCEFIELD___HYD 23852	43.64 -1.96 0.00	39.92 -1.84 0.00	35.91 -1.69 0.00	33.55 -1.58 0.00	34.15 -1.65 0.00	37.20 -1.88 0.00	41.10 -2.76 0.00	43.24 -2.86 0.00	44.93 -2.81 -0.05	48.45 -3.30 -0.19	47.90 -3.32 -0.08	51.53 -3.93 -0.14	48.15 -3.85 0.00	42.34 -3.63 0.00	48.04 -4.01 0.00	48.14 -4.17 -0.15	48.00 -3.89 0.00	50.87 -4.48 0.00	75.63 -5.09 0.00	72.40 -4.05 0.00	59.42 -2.35 0.00	51.98 -2.22 0.00	40.43 -1.64 0.00	38.96 -1.29 0.00
PINELAWN_CC_1 323563	50.72 5.11 -0.02	46.44 4.68 -0.01	41.73 3.95 -0.18	38.75 3.62 0.00	39.37 3.58 0.00	43.26 4.18 0.00	48.91 5.04 0.00	51.82 5.71 -0.01	57.45 5.96 -3.79	60.06 5.98 -2.53	60.84 6.29 -3.40	72.05 7.30 -9.44	89.67 6.86 -30.81	115.98 6.39 -63.62	158.73 7.34 -99.34	268.16 7.36 -208.64	285.57 7.37 -226.31	285.61 7.92 -222.34	341.41 11.22 -249.48	295.31 9.63 -209.23	239.14 7.16 -170.21	110.23 6.34 -49.68	61.37 4.88 -14.42	52.92 4.19 -8.49
PJM_GEN_HTP_PROXY 323702	49.38 3.78 0.00	45.31 3.55 0.00	40.90 3.12 -0.18	38.04 2.91 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.77 3.90 0.00	50.66 4.56 0.00	52.77 4.82 -0.26	59.66 5.57 -2.54	61.14 5.73 -4.27	64.61 6.58 -2.71	66.94 6.29 -8.65	77.61 5.79 -25.85	98.17 6.66 -39.45	98.19 6.57 -39.46	117.81 6.49 -59.43	110.02 6.86 -47.80	98.16 9.60 -7.84	84.25 7.80 0.00	67.33 5.56 0.00	59.36 5.15 0.00	46.34 3.95 -0.31	43.08 3.14 0.31
PJM_GEN_KEystone 24065	46.00 0.41 0.01	38.91 0.21 3.05	34.97 0.11 2.74	32.58 0.11 2.66	33.32 0.07 2.55	36.91 0.28 2.44	41.83 0.44 2.47	43.69 0.60 3.00	45.04 0.48 3.13	46.74 0.77 5.59	46.66 0.87 5.35	50.56 1.33 6.08	53.34 1.30 -0.04	61.64 1.33 -14.33	76.73 1.51 -23.17	76.97 1.46 -23.35	90.88 1.45 -37.54	86.00 1.72 -28.92	89.47 2.42 -6.33	76.11 1.53 1.87	60.26 0.86 2.37	52.68 0.81 2.34	42.24 0.42 0.25	39.86 -0.08 0.31
PJM_GEN_NEPTUNE_PROXY 323594	49.90 4.28 -0.02	45.78 4.01 -0.01	41.17 3.39 -0.18	38.25 3.13 0.00	38.83 3.04 0.00	42.67 3.59 0.00	48.21 4.34 0.00	51.04 4.93 -0.01	56.64 5.15 -3.79	59.29 5.20 -2.53	60.17 5.63 -3.40	71.44 6.69 -9.44	89.20 6.39 -30.81	105.20 5.84 -53.39	138.60 6.66 -79.89	267.48 6.68 -208.64	284.79 6.59 -226.31	284.78 7.09 -222.34	340.20 10.01 -249.48	294.01 8.33 -209.23	238.15 6.18 -170.21	109.42 5.53 -49.68	61.18 4.38 -14.73	52.01 3.58 -8.18
PJM_GEN_VFT_PROXY 323633	49.25 3.65 0.00	45.18 3.42 0.00	40.75 2.97 -0.18	37.90 2.77 0.00	38.48 2.69 0.00	42.28 3.20 0.00	47.64 3.77 0.00	50.52 4.43 0.00	52.62 4.68 -0.25	59.50 5.41 -2.54	60.75 5.53 -4.08	64.18 6.30 -2.56	66.57 5.98 -8.59	77.26 5.47 -25.82	97.77 6.30 -39.42	97.80 6.20 -39.44	117.41 6.12 -59.39	109.60 6.47 -47.77	97.67 9.12 -7.84	83.79 7.34 0.00	67.02 5.25 0.00	59.19 4.98 0.00	46.25 3.87 -0.31	42.92 2.98 0.31
PLATSBRG_115KV_PMLD1 355749	45.42 -0.18 0.00	41.55 -0.21 0.00	37.41 -0.19 0.00	34.99 -0.14 0.00	35.58 -0.21 0.00	38.88 -0.20 0.00	43.82 -0.04 0.00	46.14 0.05 0.00	47.98 0.29 0.00	51.81 0.26 0.00	51.40 0.26 0.00	55.20 -0.11 0.00	51.89 -0.10 0.00	45.79 -0.18 0.00	51.79 -0.26 0.00	51.79 -0.37 0.00	55.13 -0.10 0.00	80.80 -0.22 0.00	77.14 0.08 0.00	62.57 0.69 0.00	54.86 0.80 0.00	42.62 0.65 0.00	40.81 0.56 0.00	
PLEASANTVLY___LBMP 24000	48.56 2.96 0.00	44.68 2.92 0.00	40.25 2.48 -0.17	37.45 2.32 0.00	38.08 2.29 0.00	41.69 2.62 0.00	46.85 2.98 0.00	49.55 3.46 0.00	51.44 3.62 -0.12	58.06 4.18 -2.33	56.25 4.30 -0.81	60.29 4.98 0.00	59.65 4.78 -2.86	64.79 4.41 -14.41	74.70 5.05 -17.60	76.88 5.06 -19.67	89.39 5.03 -32.47	87.96 5.37 -27.23	91.01 7.43 -2.87	82.49 6.04 0.00	66.15 4.39 0.00	58.11 3.90 0.00	45.10 3.03 0.00	42.46 2.21 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	49.25 3.65 0.00	45.35 3.59 0.00	40.83 3.05 -0.18	37.94 2.81 0.00	38.55 2.76 0.00	42.28 3.20 0.00	47.51 3.64 0.00	50.34 4.24 0.00	52.39 4.48 -0.21	59.27 5.21 -2.51	59.49 5.37 -2.98	63.20 6.20 -1.69	65.36 6.03 -7.33	75.00 5.65 -23.38	93.45 6.45 -34.95	94.02 6.47 -35.39	112.00 6.38 -53.73	105.57 6.81 -43.41	96.91 9.36 -6.83	84.17 7.72 0.00	67.39 5.62 0.00	59.14 4.93 0.00	45.82 3.74 0.00	42.99 2.74 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	49.25 3.65 0.00	45.35 3.59 0.00	40.83 3.05 -0.18	37.94 2.81 0.00	38.55 2.76 0.00	42.28 3.20 0.00	47.51 3.64 0.00	50.34 4.24 0.00	52.39 4.48 -0.21	59.27 5.21 -2.51	59.49 5.37 -2.98	63.20 6.20 -1.69	65.36 6.03 -7.33	75.00 5.65 -23.38	93.45 6.45 -34.95	94.02 6.47 -35.39	112.00 6.38 -53.73	105.57 6.81 -43.41	96.91 9.36 -6.83	84.17 7.72 0.00	67.39 5.62 0.00	59.14 4.93 0.00	45.82 3.74 0.00	42.99 2.74 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.93 3.33 0.00	44.93 3.17 0.00	40.52 2.74 -0.17	37.69 2.56 0.00	38.30 2.51 0.00	41.97 2.89 0.00	47.11 3.25 0.00	49.78 3.69 0.00	51.68 3.86 -0.12	58.35 4.43 -2.37	56.52 4.55 -0.83	60.51 5.20 0.00	60.62 4.99 -3.63	66.84 4.51 -16.36	78.37 5.20 -21.11	80.13 5.22 -22.76	94.18 5.19 -37.10	91.89 5.70 -30.84	92.10 7.91 -3.47	83.02 6.57 0.00	66.65 4.88 0.00	58.44 4.23 0.00	45.36 3.28 0.00	42.71 2.46 0.00
POLETTI____ 23519	49.38 3.78 0.00	45.52 3.76 0.00	40.98 3.20 -0.18	38.11 2.99 0.00	38.69 2.90 0.00	42.44 3.36 0.00	47.64 3.77 0.00	50.57 4.47 0.00	52.67 4.72 -0.25	59.60 5.52 -2.54	60.76 5.63 -3.99	64.28 6.47 -2.49	66.70 6.14 -8.57	77.43 5.65 -25.81	97.91 6.45 -39.41	97.91 6.36 -39.39	117.58 6.33 -59.35	109.77 6.70 -47.72	97.91 9.36 -7.83	84.02 7.57 0.00	67.20 5.44 0.00	59.25 5.04 0.00	45.99 3.91 0.00	43.07 2.82 0.00

POMONA___ESR 323819	48.92 3.33 0.00	44.85 3.09 0.00	40.53 2.74 -0.19	37.69 2.56 0.00	38.26 2.47 0.00	42.01 2.93 0.00	47.29 3.42 0.00	49.97 3.87 0.00	51.91 4.10 -0.12	58.84 4.69 -2.60	56.54 4.91 -0.49	60.73 5.75 0.34	71.72 5.51 -14.21	91.96 5.06 -40.94	126.44 5.78 -68.61	123.72 5.79 -65.78	153.73 5.71 -96.13	137.44 6.14 -75.94	103.68 8.55 -14.41	83.48 7.03 0.00	66.89 5.12 0.00	58.70 4.50 0.00	45.61 3.53 0.00	43.07 2.82 0.00
PORT_JEFF_3 23555	51.04 5.42 -0.02	46.73 4.97 -0.01	41.95 4.17 -0.18	38.96 3.83 0.00	39.59 3.79 0.00	43.49 4.41 0.00	49.17 5.31 0.00	52.14 6.04 -0.01	57.78 6.30 -3.79	60.26 6.18 -2.53	60.89 6.34 -3.40	71.55 6.80 -9.44	88.89 6.08 -30.81	108.32 5.79 -56.56	144.67 6.72 -85.91	267.53 6.73 -208.64	284.95 6.74 -226.31	284.94 7.25 -222.34	340.36 10.17 -249.48	294.54 8.86 -209.23	238.89 6.92 -170.21	109.96 6.07 -49.68	61.50 5.00 -14.42	53.16 4.43 -8.49
PORT_JEFF_4 23616	51.04 5.42 -0.02	46.73 4.97 -0.01	41.95 4.17 -0.18	38.96 3.83 0.00	39.59 3.79 0.00	43.49 4.41 0.00	49.17 5.31 0.00	52.14 6.04 -0.01	57.78 6.30 -3.79	60.26 6.18 -2.53	60.89 6.34 -3.40	71.55 6.80 -9.44	88.89 6.08 -30.81	108.32 5.79 -56.56	144.67 6.72 -85.91	267.53 6.73 -208.64	284.95 6.74 -226.31	284.94 7.25 -222.34	340.36 10.17 -249.48	294.54 8.86 -209.23	238.89 6.92 -170.21	109.96 6.07 -49.68	61.50 5.00 -14.42	53.16 4.43 -8.49
PORT_JEFF_IC 23713	51.18 5.56 -0.02	47.02 5.26 0.00	42.11 4.32 -0.18	39.17 4.04 0.00	39.77 3.97 0.00	43.61 4.53 0.00	49.26 5.40 0.00	52.23 6.13 0.00	57.88 6.39 -3.79	60.89 6.80 -2.53	61.04 6.50 -3.40	71.72 6.97 -9.44	88.84 6.03 -30.81	108.52 5.79 -56.76	145.06 6.71 -86.30	267.53 6.73 -208.64	284.96 6.75 -226.32	284.94 7.25 -222.33	340.36 10.17 -249.48	294.54 8.87 -209.23	238.95 6.98 -170.21	109.96 6.07 -49.68	61.63 5.13 -14.42	53.00 4.27 -8.49
PPL PILGRIM_ST_GT1 24216	51.08 5.47 -0.02	46.77 5.01 -0.01	41.99 4.21 -0.18	39.03 3.90 0.00	39.63 3.83 0.00	43.57 4.49 0.00	49.26 5.39 0.00	52.19 6.08 -0.01	57.88 6.39 -3.79	60.32 6.24 -2.53	61.04 6.50 -3.40	72.05 7.30 -9.44	89.47 6.66 -30.81	109.90 6.25 -57.68	147.32 7.23 -88.03	268.00 7.20 -208.64	285.41 7.21 -226.31	285.44 7.75 -222.34	341.09 10.89 -249.48	295.08 9.40 -209.23	239.14 7.16 -170.21	110.12 6.23 -49.68	61.54 5.05 -14.42	53.20 4.47 -8.49
PPL PILGRIM_ST_GT2 24217	51.08 5.47 -0.02	46.77 5.01 -0.01	41.99 4.21 -0.18	39.03 3.90 0.00	39.63 3.83 0.00	43.57 4.49 0.00	49.26 5.39 0.00	52.19 6.08 -0.01	57.88 6.39 -3.79	60.32 6.24 -2.53	61.04 6.50 -3.40	72.05 7.30 -9.44	89.47 6.66 -30.81	109.90 6.25 -57.68	147.32 7.23 -88.03	268.00 7.20 -208.64	285.41 7.21 -226.31	285.44 7.75 -222.34	341.09 10.89 -249.48	295.08 9.40 -209.23	239.14 7.16 -170.21	110.12 6.23 -49.68	61.54 5.05 -14.42	53.20 4.47 -8.49
PPL_SHRM_GT3 24213	51.40 5.79 -0.02	47.07 5.30 -0.01	42.25 4.47 -0.18	39.24 4.11 0.00	39.87 4.08 0.00	43.80 4.73 0.00	49.57 5.70 0.00	52.51 6.41 -0.01	58.21 6.73 -3.79	60.63 6.55 -2.53	61.15 6.60 -3.40	71.61 6.86 -9.44	88.84 6.03 -30.81	108.42 5.79 -56.65	144.91 6.76 -86.09	267.63 6.83 -208.64	285.11 6.90 -226.31	285.11 7.42 -222.34	340.61 10.42 -249.48	295.15 9.48 -209.23	240.06 8.09 -170.21	111.04 7.15 -49.68	61.92 5.43 -14.42	53.52 4.79 -8.49
PPL_SHRM_GT4 24214	51.40 5.79 -0.02	47.07 5.30 -0.01	42.25 4.47 -0.18	39.24 4.11 0.00	39.87 4.08 0.00	43.80 4.73 0.00	49.57 5.70 0.00	52.51 6.41 -0.01	58.21 6.73 -3.79	60.63 6.55 -2.53	61.15 6.60 -3.40	71.61 6.86 -9.44	88.84 6.03 -30.81	108.42 5.79 -56.65	144.91 6.76 -86.09	267.63 6.83 -208.64	285.11 6.90 -226.31	285.11 7.42 -222.34	340.61 10.42 -249.48	295.15 9.48 -209.23	240.06 8.09 -170.21	111.04 7.15 -49.68	61.92 5.43 -14.42	53.52 4.79 -8.49
PROJECT___ORANGE 1 24174	45.37 -0.23 0.00	41.47 -0.29 0.00	37.15 -0.26 0.19	34.85 -0.28 0.00	35.51 -0.29 0.00	38.76 -0.31 0.00	43.56 -0.31 0.00	45.40 -0.41 0.28	46.81 -0.43 0.45	48.79 -0.46 2.30	49.46 -0.41 1.27	54.68 -0.39 0.25	50.72 -0.47 0.81	45.41 -0.41 0.14	50.83 -0.57 0.65	51.37 -0.63 0.16	51.13 -0.62 0.13	54.38 -0.61 0.36	77.78 -0.73 2.21	74.25 -0.69 1.51	59.98 -0.49 1.30	52.70 -0.60 0.91	41.19 -0.63 0.25	39.81 -0.44 0.00
PROJECT___ORANGE 2 24166	45.37 -0.23 0.00	41.47 -0.29 0.00	37.15 -0.26 0.19	34.85 -0.28 0.00	35.51 -0.29 0.00	38.76 -0.31 0.00	43.56 -0.31 0.00	45.40 -0.41 0.28	46.81 -0.43 0.45	48.79 -0.46 2.30	49.46 -0.41 1.27	54.68 -0.39 0.25	50.72 -0.47 0.81	45.41 -0.41 0.14	50.83 -0.57 0.65	51.37 -0.63 0.16	51.13 -0.62 0.13	54.38 -0.61 0.36	77.78 -0.73 2.21	74.25 -0.69 1.51	59.98 -0.49 1.30	52.70 -0.60 0.91	41.19 -0.63 0.25	39.81 -0.44 0.00
PUCKETT___SOLAR 323809	46.87 1.27 0.00	43.15 1.08 -0.31	39.98 0.94 -1.44	36.27 0.84 -0.30	38.06 0.93 -1.34	42.79 1.09 -2.63	48.24 1.27 -3.10	49.90 1.34 -2.47	49.85 1.19 -0.96	70.20 1.24 -17.41	57.11 1.12 -4.84	56.02 1.49 0.79	51.64 1.20 1.56	48.66 0.83 -1.86	54.81 0.99 -1.78	56.58 0.89 -3.54	56.12 0.83 -3.40	59.62 1.11 -3.16	87.77 2.34 -4.71	80.28 2.14 -1.69	63.68 1.79 -0.12	55.21 1.41 0.41	42.74 0.80 0.14	40.74 0.48 0.00
PYRITES___HYD 24023	44.59 -1.00 0.00	40.76 -1.00 0.00	36.66 -0.94 0.00	34.21 -0.91 0.00	34.83 -0.97 0.00	38.02 -1.06 0.00	42.24 -1.62 0.00	44.44 -1.66 0.00	45.93 -1.76 0.00	49.28 -2.27 0.00	48.79 -2.35 0.00	52.33 -2.99 0.00	49.03 -2.96 0.00	43.21 -2.76 0.00	49.03 -3.02 0.00	49.11 -3.18 -0.14	49.04 -2.85 0.00	52.03 -3.32 0.00	77.33 -3.39 0.00	74.08 -2.37 0.00	60.72 -1.05 0.00	53.12 -1.08 0.00	41.27 -0.80 0.00	39.69 -0.56 0.00
QUAKERRD_115KV_BK1 80622	43.32 -2.28 0.00	38.97 -2.51 0.28	34.70 -2.29 0.60	32.68 -2.18 0.27	29.20 -2.22 4.38	27.12 -2.42 9.53	30.17 -2.54 11.15	33.38 -2.72 10.00	43.50 -2.81 1.38	41.75 -3.09 6.71	45.85 -3.12 2.17	51.35 -3.48 0.48	48.41 -3.38 0.21	41.73 -2.90 1.34	45.69 -3.54 2.82	46.44 -3.60 2.11	46.51 -3.58 1.80	47.16 -3.71 4.48	49.96 -5.00 25.76	59.23 -4.51 12.71	52.08 -3.52 6.16	48.74 -3.31 2.16	38.61 -2.86 0.60	37.92 -2.33 0.00
QUENSBRY_115KV_TB8 356137	49.06 3.47 0.00	44.97 3.22 0.00	40.42 2.82 0.00	37.59 2.46 0.00	38.48 2.68 0.00	42.20 3.13 0.00	47.37 3.51 0.00	49.69 3.60 0.00	51.17 3.48 0.00	55.16 3.61 0.00	54.72 3.58 0.00	59.13 3.82 0.00	55.07 3.07 0.00	49.07 2.39 -0.71	54.99 2.50 -0.44	63.04 3.08 -7.81	56.46 3.06 -1.51	60.16 3.54 -1.26	86.69 5.97 0.00	81.88 5.43 0.00	66.03 4.26 0.00	58.06 3.85 0.00	44.68 2.61 0.00	42.67 2.42 0.00
RAMAPO___LBMP 323565	48.79 3.19 0.00	44.89 3.13 0.00	40.46 2.67 -0.19	37.62 2.49 0.00	38.23 2.43 0.00	41.93 2.85 0.00	47.07 3.20 0.00	49.83 3.73 0.00	51.72 3.91 -0.12	58.76 4.59 -2.62	56.42 4.76 -0.52	60.48 5.48 0.32	69.61 5.30 -12.31	87.11 4.87 -36.27	117.58 5.57 -59.96	115.72 5.58 -57.98	142.46 5.55 -85.02	128.63 5.92 -67.35	101.52 8.31 -12.49	83.25 6.80 0.00	66.71 4.94 0.00	58.54 4.34 0.00	45.44 3.37 0.00	42.71 2.46 0.00

RANKINE_____	42.01	24.76	22.83	20.35	20.17	21.90	26.05	27.16	33.16	33.79	32.32	31.21	29.28	26.79	23.66	26.37	27.06	30.26	37.13	51.89	47.52	42.21	36.30	36.35
23646	-3.56	-3.80	-3.46	-3.30	-3.22	-3.48	-3.64	-3.78	-4.10	-4.33	-4.45	-4.54	-4.26	-3.72	-4.53	-4.59	-4.77	-4.87	-6.94	-6.65	-5.44	-4.45	-3.91	-3.90
	0.03	13.20	11.31	11.48	12.40	13.70	14.18	15.16	10.43	13.43	14.37	19.57	18.45	15.46	23.86	21.20	20.06	20.23	36.64	17.91	8.82	7.55	1.86	0.00
RAVENSWOOD_GT2_1	49.38	45.52	40.98	38.11	38.69	42.44	47.64	50.57	52.66	59.60	60.72	64.25	66.69	77.42	97.90	97.92	117.58	109.78	97.91	84.02	67.20	59.25	45.99	43.07
24244	3.78	3.76	3.20	2.99	2.90	3.36	3.77	4.47	4.72	5.52	5.63	6.47	6.14	5.65	6.45	6.36	6.33	6.70	9.36	7.57	5.44	5.04	3.91	2.82
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	49.38	45.52	40.98	38.11	38.69	42.44	47.64	50.57	52.66	59.60	60.72	64.25	66.69	77.42	97.90	97.92	117.58	109.78	97.91	84.02	67.20	59.25	45.99	43.07
24245	3.78	3.76	3.20	2.99	2.90	3.36	3.77	4.47	4.72	5.52	5.63	6.47	6.14	5.65	6.45	6.36	6.33	6.70	9.36	7.57	5.44	5.04	3.91	2.82
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	49.38	45.56	40.98	38.11	38.73	42.44	47.68	50.61	52.71	59.60	60.77	64.25	66.74	77.47	97.96	97.97	117.63	109.84	97.99	84.09	67.27	59.30	45.99	43.07
24246	3.78	3.80	3.20	2.99	2.94	3.36	3.82	4.52	4.77	5.52	5.68	6.47	6.19	5.70	6.51	6.42	6.38	6.75	9.44	7.64	5.50	5.10	3.91	2.82
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	49.38	45.56	40.98	38.11	38.73	42.44	47.68	50.61	52.71	59.60	60.77	64.25	66.74	77.47	97.96	97.97	117.63	109.84	97.99	84.09	67.27	59.30	45.99	43.07
24247	3.78	3.80	3.20	2.99	2.94	3.36	3.82	4.52	4.77	5.52	5.68	6.47	6.19	5.70	6.51	6.42	6.38	6.75	9.44	7.64	5.50	5.10	3.91	2.82
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	49.38	45.52	40.98	38.11	38.69	42.44	47.64	50.57	52.66	59.60	60.72	64.25	66.69	77.42	97.90	97.97	117.58	109.78	97.91	84.02	67.20	59.25	45.99	43.07
24248	3.78	3.76	3.20	2.99	2.90	3.36	3.77	4.47	4.72	5.52	5.63	6.47	6.14	5.65	6.45	6.42	6.33	6.70	9.36	7.57	5.44	5.04	3.91	2.82
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	49.38	45.52	40.98	38.11	38.69	42.44	47.64	50.57	52.66	59.60	60.72	64.25	66.69	77.42	97.90	97.97	117.58	109.78	97.91	84.02	67.20	59.25	45.99	43.07
24249	3.78	3.76	3.20	2.99	2.90	3.36	3.77	4.47	4.72	5.52	5.63	6.47	6.14	5.65	6.45	6.42	6.33	6.70	9.36	7.57	5.44	5.04	3.91	2.82
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	49.47	45.60	41.02	38.15	38.77	42.47	47.73	50.66	52.76	59.71	60.82	64.36	66.80	77.51	98.01	98.08	117.74	109.89	98.15	84.25	67.33	59.36	46.07	43.11
24250	3.88	3.84	3.23	3.02	2.97	3.40	3.86	4.56	4.82	5.62	5.73	6.58	6.24	5.75	6.56	6.52	6.49	6.81	9.61	7.80	5.56	5.15	4.00	2.86
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	49.47	45.60	41.02	38.15	38.77	42.47	47.73	50.66	52.76	59.71	60.82	64.36	66.80	77.51	98.01	98.08	117.74	109.89	98.15	84.25	67.33	59.36	46.07	43.11
24251	3.88	3.84	3.23	3.02	2.97	3.40	3.86	4.56	4.82	5.62	5.73	6.58	6.24	5.75	6.56	6.52	6.49	6.81	9.61	7.80	5.56	5.15	4.00	2.86
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	49.52	45.64	41.09	38.22	38.84	42.51	47.81	50.75	52.86	59.71	60.94	64.37	66.85	77.38	97.80	97.97	117.63	96.40	97.83	83.86	67.08	59.47	46.11	43.19
23729	3.92	3.88	3.31	3.09	3.04	3.44	3.95	4.66	4.91	5.62	5.83	6.58	6.29	5.61	6.35	6.42	6.38	6.64	9.28	7.42	5.31	5.26	4.04	2.94
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.97	-2.48	-8.56	-25.80	-39.40	-39.40	-59.36	-34.40	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_10	49.38	45.52	40.98	38.11	38.69	42.44	47.64	50.57	52.66	59.60	60.72	64.25	66.69	77.42	97.90	97.97	117.58	109.78	97.99	84.09	67.27	59.25	45.99	43.07
24258	3.78	3.76	3.20	2.99	2.90	3.36	3.77	4.47	4.72	5.52	5.63	6.47	6.14	5.65	6.45	6.42	6.33	6.70	9.44	7.64	5.50	5.04	3.91	2.82
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	49.38	45.52	40.98	38.11	38.69	42.44	47.64	50.57	52.66	59.60	60.72	64.25	66.69	77.42	97.90	97.97	117.58	109.78	97.99	84.09	67.27	59.25	45.99	43.07
24259	3.78	3.76	3.20	2.99	2.90	3.36	3.77	4.47	4.72	5.52	5.63	6.47	6.14	5.65	6.45	6.42	6.33	6.70	9.44	7.64	5.50	5.04	3.91	2.82
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.54	-3.95	-2.46	-8.56	-25.80	-39.40	-39.40	-59.36	-47.73	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_4	49.38	45.56	40.98	38.11	38.73	42.43	47.68	50.61	52.71	59.60	60.75	64.23	66.75	77.38	97.85	97.92	117.58	123.83	97.83	83.94	67.14	59.30	45.98	43.07
24252	3.78	3.80	3.20	2.99	2.94	3.36	3.82	4.52	4.77	5.52	5.68	6.47	6.19	5.61	6.40	6.36	6.33	6.64	9.28	7.49	5.37	5.10	3.91	2.82
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.53	-3.93	-2.45	-8.56	-25.80	-39.40	-39.40	-59.36	-61.83	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_5	49.38	45.56	40.98	38.11	38.73	42.43	47.68	50.61	52.71	59.60	60.75	64.23	66.75	77.38	97.85	97.92	117.58	123.83	97.83	83.94	67.14	59.30	45.98	43.07
24254	3.78	3.80	3.20	2.99	2.94	3.36	3.82	4.52	4.77	5.52	5.68	6.47	6.19	5.61	6.40	6.36	6.33	6.64	9.28	7.49	5.37	5.10	3.91	2.82
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.53	-3.93	-2.45	-8.56	-25.80	-39.40	-39.40	-59.36	-61.83	-7.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_6	49.38	45.56	40.98	38.11	38.73	42.43	47.68	50.61	52.71	59.60	60.75	64.23	66.75	77.38	97.85	97.92	117.58	123.83	97.83	83.94	67.14	59.30	45.98	43.07
24253	3.78	3.80	3.20	2.99	2.94	3.36	3.82	4.52	4.77	5.52	5.68	6.47	6.19	5.61	6.40	6.36	6.33	6.64	9.28	7.49	5.37	5.10	3.91	2.82
	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	-0.25	-2.53	-3.93	-2.45	-8.56	-25.80	-39.40	-39.40	-59.36	-61.83	-7.83	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_7 24255	49.38 3.78 0.00	45.56 3.80 0.00	40.98 3.20 -0.18	38.11 2.99 0.00	38.73 2.94 0.00	42.43 3.36 0.00	47.68 3.82 0.00	50.61 4.52 0.00	52.71 4.77 -0.25	59.60 5.52 -2.53	60.75 5.68 -3.93	64.23 6.47 -2.45	66.75 6.19 -8.56	77.38 5.61 -25.80	97.85 6.40 -39.40	97.92 6.36 -39.40	117.58 6.33 -59.36	123.83 6.64 -61.83	97.83 9.28 -7.83	83.94 7.49 0.00	67.14 5.37 0.00	59.30 5.10 0.00	45.98 3.91 0.00	43.07 2.82 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.38 3.78 0.00	45.52 3.76 0.00	40.98 3.20 -0.18	38.11 2.99 0.00	38.69 2.90 0.00	42.44 3.36 0.00	47.64 3.77 0.00	50.57 4.47 0.00	52.66 4.72 -0.25	59.60 5.52 -2.54	60.72 5.63 -3.95	64.25 6.47 -2.46	66.69 6.14 -8.56	77.42 5.65 -25.80	97.90 6.45 -39.40	97.97 6.42 -39.40	117.58 6.33 -59.36	109.78 6.70 -47.73	97.99 9.44 -7.83	84.09 7.64 0.00	67.27 5.50 0.00	59.25 5.04 0.00	45.99 3.91 0.00	43.07 2.82 0.00
RAVENSWOOD_GT_9 24257	49.38 3.78 0.00	45.52 3.76 0.00	40.98 3.20 -0.18	38.11 2.99 0.00	38.69 2.90 0.00	42.44 3.36 0.00	47.64 3.77 0.00	50.57 4.47 0.00	52.66 4.72 -0.25	59.60 5.52 -2.54	60.72 5.63 -3.95	64.25 6.47 -2.46	66.69 6.14 -8.56	77.42 5.65 -25.80	97.90 6.45 -39.40	97.97 6.42 -39.40	117.58 6.33 -59.36	109.78 6.70 -47.73	97.99 9.44 -7.83	84.09 7.64 0.00	67.27 5.50 0.00	59.25 5.04 0.00	45.99 3.91 0.00	43.07 2.82 0.00
RAVENSWOOD____1 23533	49.47 3.87 0.00	45.35 3.59 0.00	40.98 3.19 -0.18	38.11 2.98 0.00	38.69 2.90 0.00	42.51 3.44 0.00	47.86 3.99 0.00	50.75 4.65 0.00	52.81 4.87 -0.25	59.61 5.52 -2.54	60.82 5.73 -3.95	64.36 6.58 -2.46	66.79 6.24 -8.56	77.33 5.56 -25.80	97.80 6.35 -39.40	97.97 6.41 -39.40	117.57 6.33 -59.35	109.73 6.64 -47.74	97.75 9.20 -7.83	83.79 7.34 0.00	67.08 5.31 0.00	59.41 5.20 0.00	46.07 4.00 0.00	43.43 3.18 0.00
RAVENSWOOD____2 23534	49.34 3.74 0.00	45.27 3.51 0.00	40.87 3.08 -0.18	38.01 2.88 0.00	38.62 2.83 0.00	42.44 3.36 0.00	47.73 3.86 0.00	50.66 4.56 0.00	52.67 4.72 -0.25	59.50 5.41 -2.54	60.72 5.63 -3.95	64.25 6.47 -2.46	66.53 5.98 -8.56	77.05 5.28 -25.80	97.43 5.98 -39.40	97.66 6.10 -39.40	117.21 5.96 -59.35	109.34 6.25 -47.74	97.27 8.72 -7.83	83.33 6.88 0.00	66.71 4.94 0.00	59.30 5.09 0.00	45.99 3.91 0.00	43.35 3.10 0.00
RAVENSWOOD____3 23535	49.34 3.74 0.00	45.27 3.51 0.00	40.90 3.12 -0.18	38.01 2.88 0.00	38.62 2.83 0.00	42.39 3.32 0.00	47.73 3.86 0.00	50.57 4.47 0.00	52.67 4.72 -0.25	59.50 5.41 -2.54	60.72 5.63 -3.95	64.25 6.47 -2.46	66.69 6.13 -8.56	77.42 5.65 -25.80	97.90 6.45 -39.40	97.97 6.41 -39.40	117.57 6.33 -59.35	109.79 6.70 -47.74	97.99 9.44 -7.83	84.02 7.57 0.00	67.20 5.44 0.00	59.25 5.04 0.00	45.99 3.91 0.00	43.35 3.10 0.00
RAVENSWOOD____4 23820	49.43 3.83 0.00	45.35 3.59 0.00	40.94 3.16 -0.18	38.08 2.95 0.00	38.66 2.86 0.00	42.47 3.40 0.00	47.81 3.95 0.00	50.70 4.61 0.00	52.76 4.82 -0.25	59.55 5.46 -2.53	60.81 5.73 -3.94	64.34 6.58 -2.45	66.80 6.24 -8.56	77.33 5.56 -25.80	97.75 6.30 -39.40	97.97 6.41 -39.40	117.57 6.33 -59.35	121.86 6.58 -59.92	97.75 9.20 -7.83	83.72 7.27 0.00	67.02 5.25 0.00	59.36 5.15 0.00	46.03 3.95 0.00	43.39 3.14 0.00
RCPL_TRUST___DRP 24196	49.88 4.29 0.00	45.98 4.22 0.00	41.35 3.57 -0.18	38.46 3.34 0.00	39.05 3.26 0.00	42.83 3.75 0.00	48.21 4.34 0.00	51.21 5.12 0.00	53.30 5.34 -0.26	60.48 6.39 -2.54	61.80 6.39 -4.27	65.39 7.36 -2.71	67.62 6.97 -8.65	78.25 6.44 -25.85	99.05 7.55 -39.45	98.97 7.35 -39.46	118.60 7.26 -59.44	110.96 7.81 -47.80	99.38 10.82 -7.84	85.24 8.79 0.00	68.13 6.36 0.00	59.95 5.75 0.00	46.49 4.42 0.00	43.47 3.22 0.00
RED___ROCHESTER 323720	44.09 -1.50 0.00	39.47 -1.84 0.45	35.09 -1.77 0.74	32.98 -1.72 0.42	31.15 -1.72 2.93	31.24 -1.80 6.04	34.82 -1.97 7.07	37.48 -2.03 6.59	44.17 -2.10 1.42	41.94 -2.32 7.30	47.20 -2.35 1.59	52.74 -2.76 -0.19	50.08 -2.65 -0.73	41.98 -2.25 1.74	45.69 -2.86 3.49	46.55 -2.92 2.69	46.70 -2.96 2.24	48.57 -2.99 3.80	58.28 -3.79 18.65	63.61 -3.44 9.40	54.18 -2.54 5.06	49.59 -2.44 2.18	39.19 -2.27 0.61	38.40 -1.85 0.00
REGAN___SOLAR 323812	48.61 3.01 0.00	44.43 2.67 0.00	40.13 2.37 -0.16	37.20 2.07 0.00	38.09 2.29 0.00	41.73 2.66 0.00	46.71 2.85 0.00	48.58 2.49 0.00	49.76 1.96 -0.11	55.41 1.65 -2.21	53.40 1.48 -0.77	56.86 1.55 0.00	52.88 0.88 0.00	46.90 0.51 -0.43	52.99 0.67 -0.27	61.54 1.15 -8.24	53.89 1.09 -0.91	57.89 1.82 -0.71	85.07 4.36 0.00	81.27 4.82 0.00	65.72 3.96 0.00	57.62 3.42 0.00	44.47 2.40 0.00	42.38 2.13 0.00
RENSSELAER___COGEN 23796	46.78 1.18 0.00	42.93 1.17 0.00	38.69 1.09 0.00	36.11 0.98 0.00	36.79 1.00 0.00	40.17 1.09 0.00	45.09 1.23 0.00	47.43 1.34 0.00	48.84 1.14 0.00	52.84 1.29 0.00	52.32 1.18 0.00	56.48 1.16 0.00	53.14 1.14 0.00	47.66 0.97 -0.72	53.59 1.09 -0.45	61.05 1.30 -7.59	54.52 1.19 -1.43	57.90 1.55 -1.00	82.74 2.02 0.00	78.06 1.61 0.00	62.88 1.11 0.00	55.23 1.03 0.00	43.08 1.01 0.00	41.13 0.88 0.00
REPUBLIC_115KV_BARTNBRK 55605	50.84 5.24 0.00	46.52 4.76 0.00	41.77 4.17 0.00	38.78 3.65 0.00	39.77 3.97 0.00	43.73 4.65 0.00	49.17 5.31 0.00	51.44 5.35 0.00	53.03 5.34 0.00	56.91 5.36 0.00	56.46 5.32 0.00	60.85 5.53 0.00	56.26 4.26 0.00	50.01 3.31 -0.73	55.99 3.49 -0.45	64.34 4.38 -7.81	57.90 4.46 -1.55	62.02 5.37 -1.29	90.00 9.28 0.00	85.16 8.72 0.00	68.75 6.98 0.00	60.28 6.07 0.00	46.11 4.04 0.00	44.03 3.78 0.00
REVERE_CPPR_DRP 24186	46.74 1.14 0.00	42.63 0.88 0.00	38.35 0.75 0.00	35.72 0.60 0.00	36.44 0.64 0.00	39.93 0.86 0.00	44.92 1.05 0.00	47.20 1.24 0.14	48.88 1.34 0.15	52.88 1.19 -0.14	51.94 0.97 0.18	56.65 1.44 0.11	52.28 0.68 0.39	45.75 0.00 0.22	52.06 0.42 0.41	52.24 0.10 0.03	51.63 0.05 0.31	54.96 0.00 0.40	81.97 2.18 0.93	78.19 2.37 0.63	63.51 2.29 0.54	55.62 1.79 0.38	43.19 1.22 0.11	41.30 1.05 0.00
REYNLDDPA_13_KV_LD 356490	45.10 -0.50 0.00	41.30 -0.46 0.00	37.19 -0.41 0.00	34.74 -0.39 0.00	35.37 -0.43 0.00	38.61 -0.47 0.00	43.29 -0.57 0.00	45.49 -0.60 0.00	47.26 -0.43 0.00	50.99 -0.57 0.00	50.73 -0.41 0.00	54.15 -1.16 0.00	51.38 -0.62 0.00	45.42 -0.55 0.00	51.37 -0.68 0.00	51.38 -0.78 0.00	51.32 -0.57 0.00	53.97 -1.38 0.00	78.78 -1.94 0.00	74.99 -1.45 0.00	60.84 -0.92 0.00	53.50 -0.71 0.00	41.91 -0.17 0.00	40.17 -0.08 0.00
REYNOLDS_115KV_TB3 80639	47.06 1.46 0.00	43.30 1.55 0.00	38.99 1.39 0.00	36.39 1.26 0.00	37.12 1.32 0.00	40.52 1.45 0.00	45.44 1.58 0.00	47.75 1.66 0.00	49.22 1.53 0.00	53.15 1.60 0.00	52.68 1.53 0.00	57.03 1.71 0.00	53.71 1.72 0.00	48.41 1.47 -0.97	54.32 1.67 -0.60	61.63 1.83 -7.65	55.71 1.76 -2.06	59.17 2.05 -1.76	83.54 2.83 0.00	78.74 2.29 0.00	63.44 1.67 0.00	55.78 1.57 0.00	43.42 1.35 0.00	41.34 1.09 0.00

RIVERBAY____ 323610	50.85 5.24 -0.01	46.86 5.09 -0.01	42.19 4.40 -0.19	39.25 4.11 -0.01	39.88 4.08 -0.01	43.57 4.49 0.00	48.87 5.00 0.00	51.86 5.76 0.00	53.76 5.82 -0.25	60.69 6.60 -2.54	61.90 6.80 -3.95	64.39 7.58 -1.50	68.00 7.44 -8.57	78.30 6.53 -25.80	99.06 7.60 -39.41	99.28 7.72 -39.41	119.00 7.73 -59.37	111.18 8.08 -47.74	99.94 11.38 -7.84	85.71 9.25 -0.01	68.57 6.79 -0.01	60.72 6.50 -0.01	47.13 5.05 -0.01	44.12 3.86 -0.01
RIVERSIDE_115KV_TB3 55908	46.92 1.32 0.00	43.18 1.42 0.00	38.88 1.28 0.00	36.29 1.16 0.00	37.01 1.22 0.00	40.40 1.33 0.00	45.31 1.45 0.00	47.62 1.52 0.00	49.08 1.38 0.00	52.94 1.39 0.00	52.52 1.38 0.00	56.86 1.55 0.00	53.45 1.46 0.00	48.05 1.24 -0.84	53.98 1.41 -0.52	61.41 1.62 -7.64	55.23 1.56 -1.78	58.76 1.88 -1.52	83.22 2.50 0.00	78.51 2.06 0.00	63.25 1.48 0.00	55.56 1.36 0.00	43.29 1.22 0.00	41.22 0.97 0.00
ROARING____BROOK_WT_PWR 323790	44.37 -1.23 0.00	40.63 -1.13 0.00	36.59 -1.01 0.00	34.18 -0.95 0.00	34.86 -0.93 0.00	38.10 -0.98 0.00	42.86 -1.01 0.00	45.13 -0.97 0.00	46.79 -0.91 0.00	50.57 -0.98 0.00	50.12 -1.02 0.00	54.10 -1.22 0.00	50.85 -1.14 0.00	44.96 -1.01 0.00	50.95 -1.10 0.00	51.11 -1.04 0.00	50.96 -0.93 0.00	54.36 -0.99 0.00	79.42 -1.29 0.00	75.30 -1.14 0.00	60.90 -0.86 0.00	53.50 -0.71 0.00	41.65 -0.42 0.00	39.85 -0.40 0.00
ROCHESRG_115KV_T4 355643	43.54 -2.05 0.00	37.69 -2.42 1.65	33.62 -2.22 1.76	31.54 -2.14 1.44	29.70 -2.15 3.94	29.63 -2.34 7.10	33.27 -2.46 8.14	35.59 -2.63 7.88	42.04 -2.77 2.88	40.59 -3.04 7.92	45.71 -3.07 2.36	50.22 -3.48 1.61	47.80 -3.33 0.87	40.76 -2.80 2.41	44.82 -3.44 3.80	45.61 -3.49 3.05	44.84 -3.48 3.57	46.37 -3.54 5.44	54.97 -4.76 20.98	61.33 -4.36 10.76	52.75 -3.34 5.69	48.04 -3.09 3.08	38.49 -2.78 0.81	38.12 -2.13 0.00
ROCHESTER_9_IC 23652	43.96 -1.64 0.00	39.22 -2.09 0.45	34.93 -1.92 0.75	32.84 -1.86 0.43	30.98 -1.86 2.96	30.94 -2.03 6.10	34.65 -2.06 7.15	37.23 -2.21 6.65	43.99 -2.29 1.41	41.65 -2.58 7.32	47.02 -2.61 1.51	52.60 -2.99 -0.28	49.93 -2.91 -0.84	41.80 -2.44 1.73	45.52 -3.07 3.46	46.38 -3.13 2.65	46.55 -3.11 2.23	48.34 -3.21 3.80	57.77 -4.20 18.75	63.27 -3.75 9.44	53.93 -2.78 5.06	49.34 -2.71 2.16	38.99 -2.48 0.60	38.36 -1.89 0.00
ROCKVIEW_13_KV_LD 356306	49.43 3.83 0.00	45.52 3.76 0.00	40.94 3.16 -0.18	38.08 2.95 0.00	38.69 2.90 0.00	42.44 3.36 0.00	47.68 3.82 0.00	50.57 4.47 0.00	52.60 4.72 -0.18	59.58 5.52 -2.51	59.02 5.68 -2.20	62.90 6.53 -1.06	66.53 6.40 -8.13	77.70 6.02 -25.71	98.37 6.87 -39.45	98.49 6.88 -39.45	118.12 7.25 -59.43	110.39 7.25 -47.78	98.49 9.93 -7.84	84.71 8.26 0.00	67.82 6.05 0.00	59.47 5.26 0.00	46.03 3.95 0.00	43.15 2.90 0.00
ROME____115KV_TB2 80656	46.74 1.14 0.00	42.63 0.88 0.00	38.35 0.75 0.00	35.72 0.60 0.00	36.44 0.64 0.00	39.93 0.86 0.00	44.92 1.05 0.00	47.20 1.24 0.14	48.88 1.34 0.15	52.88 1.19 -0.14	51.94 0.97 0.18	56.65 1.44 0.11	52.28 0.68 0.39	45.75 0.00 0.22	52.06 0.42 0.41	52.24 0.10 0.03	51.63 0.05 0.31	54.96 0.00 0.40	81.97 2.18 0.93	78.19 2.37 0.63	63.51 2.29 0.54	55.62 1.79 0.38	43.19 1.22 0.11	41.30 1.05 0.00
ROSETON____1 23587	48.47 2.87 0.00	44.43 2.67 0.00	40.15 2.37 -0.18	37.34 2.21 0.00	37.94 2.15 0.00	41.61 2.54 0.00	46.80 2.94 0.00	49.46 3.36 0.00	51.35 3.53 -0.13	58.06 4.02 -2.49	56.24 4.14 -0.95	60.25 4.87 -0.07	56.70 4.68 -0.02	56.69 4.32 -6.40	60.99 4.95 -3.99	64.76 4.96 -7.65	70.40 4.88 -13.63	72.97 5.20 -12.41	87.99 7.27 0.00	82.42 5.97 0.00	66.09 4.32 0.00	58.06 3.85 0.00	45.02 2.94 0.00	42.62 2.37 0.00
ROSETON____2 23588	48.47 2.87 0.00	44.43 2.67 0.00	40.15 2.37 -0.18	37.34 2.21 0.00	37.94 2.15 0.00	41.61 2.54 0.00	46.80 2.94 0.00	49.46 3.36 0.00	51.35 3.53 -0.13	58.06 4.02 -2.49	56.24 4.14 -0.95	60.25 4.87 -0.07	56.70 4.68 -0.02	56.69 4.32 -6.40	60.99 4.95 -3.99	64.76 4.96 -7.65	70.40 4.88 -13.63	72.97 5.20 -12.41	87.99 7.27 0.00	82.42 5.97 0.00	66.09 4.32 0.00	58.06 3.85 0.00	45.02 2.94 0.00	42.62 2.37 0.00
ROTTDRAM_115KV_TB3 80664	47.19 1.60 0.00	43.30 1.55 0.00	38.99 1.39 0.00	36.39 1.26 0.00	37.12 1.32 0.00	40.56 1.48 0.00	45.49 1.62 0.00	47.75 1.66 0.00	49.31 1.62 0.00	53.25 1.70 0.00	52.83 1.69 0.00	57.20 1.88 0.00	53.71 1.72 -0.31	47.75 1.47 -0.20	53.91 1.67 -0.20	61.78 1.83 -7.80	54.37 1.82 -0.67	57.99 2.05 -0.58	83.87 3.15 0.00	79.20 2.75 0.00	63.87 2.10 0.00	56.10 1.90 0.00	43.46 1.39 0.00	41.42 1.17 0.00
RUSSELL____1 23602	44.14 -1.46 0.00	39.39 -1.92 0.45	35.09 -1.77 0.74	32.98 -1.72 0.42	31.11 -1.75 2.93	31.16 -1.88 6.04	34.91 -1.89 7.07	37.48 -2.03 6.59	44.17 -2.10 1.42	41.93 -2.32 7.30	47.20 -2.35 1.59	52.74 -2.77 -0.19	50.02 -2.70 -0.73	41.98 -2.25 1.74	45.69 -2.86 3.49	46.50 -2.97 2.69	46.70 -2.96 2.24	48.57 -2.99 3.80	58.19 -3.87 18.65	63.61 -3.44 9.40	54.18 -2.53 5.06	49.54 -2.49 2.18	39.15 -2.31 0.61	38.48 -1.77 0.00
RUSSELL____2 23532	44.14 -1.46 0.00	39.39 -1.92 0.45	35.09 -1.77 0.74	32.98 -1.72 0.42	31.11 -1.75 2.93	31.16 -1.88 6.04	34.91 -1.89 7.07	37.48 -2.03 6.59	44.17 -2.10 1.42	41.93 -2.32 7.30	47.20 -2.35 1.59	52.74 -2.77 -0.19	50.02 -2.70 -0.73	41.98 -2.25 1.74	45.69 -2.86 3.49	46.50 -2.97 2.69	46.70 -2.96 2.24	48.57 -2.99 3.80	58.19 -3.87 18.65	63.61 -3.44 9.40	54.18 -2.53 5.06	49.54 -2.49 2.18	39.15 -2.31 0.61	38.48 -1.77 0.00
RUSSELL____3 23549	44.14 -1.46 0.00	39.39 -1.92 0.45	35.09 -1.77 0.74	32.98 -1.72 0.42	31.11 -1.75 2.93	31.16 -1.88 6.04	34.91 -1.89 7.07	37.48 -2.03 6.59	44.17 -2.10 1.42	41.93 -2.32 7.30	47.20 -2.35 1.59	52.74 -2.77 -0.19	50.02 -2.70 -0.73	41.98 -2.25 1.74	45.69 -2.86 3.49	46.50 -2.97 2.69	46.70 -2.96 2.24	48.57 -2.99 3.80	58.19 -3.87 18.65	63.61 -3.44 9.40	54.18 -2.53 5.06	49.54 -2.49 2.18	39.15 -2.31 0.61	38.48 -1.77 0.00
RUSSELL____4 23556	44.14 -1.46 0.00	39.39 -1.92 0.45	35.09 -1.77 0.74	32.98 -1.72 0.42	31.11 -1.75 2.93	31.16 -1.88 6.04	34.91 -1.89 7.07	37.48 -2.03 6.59	44.17 -2.10 1.42	41.93 -2.32 7.30	47.20 -2.35 1.59	52.74 -2.77 -0.19	50.02 -2.70 -0.73	41.98 -2.25 1.74	45.69 -2.86 3.49	46.50 -2.97 2.69	46.70 -2.96 2.24	48.57 -2.99 3.80	58.19 -3.87 18.65	63.61 -3.44 9.40	54.18 -2.53 5.06	49.54 -2.49 2.18	39.15 -2.31 0.61	38.48 -1.77 0.00
RUSSELL____STATION 23914	44.14 -1.46 0.00	39.39 -1.92 0.45	35.09 -1.77 0.74	32.98 -1.72 0.42	31.11 -1.75 2.93	31.16 -1.88 6.04	34.91 -1.89 7.07	37.48 -2.03 6.59	44.17 -2.10 1.42	41.93 -2.32 7.30	47.20 -2.35 1.59	52.74 -2.77 -0.19	50.02 -2.70 -0.73	41.98 -2.25 1.74	45.69 -2.86 3.49	46.50 -2.97 2.69	46.70 -2.96 2.24	48.57 -2.99 3.80	58.19 -3.87 18.65	63.61 -3.44 9.40	54.18 -2.53 5.06	49.54 -2.49 2.18	39.15 -2.31 0.61	38.48 -1.77 0.00

S SALMON___HYD 24043	45.19 -0.41 0.00	41.30 -0.46 0.00	36.96 -0.49 0.15	34.60 -0.53 0.00	35.29 -0.50 0.00	38.61 -0.47 0.00	43.34 -0.52 0.00	45.49 -0.60 0.00	47.11 -0.71 -0.13	49.44 -0.98 1.13	49.75 -1.08 0.31	55.00 -1.05 -0.74	50.60 -1.40 0.00	44.70 -1.52 -0.24	50.64 -1.56 -0.15	51.00 -1.72 -0.57	51.17 -1.66 -0.94	54.63 -1.77 -1.05	80.66 -1.37 -1.31	76.35 -1.00 -0.90	62.04 -0.50 -0.77	54.04 -0.71 -0.54	41.59 -0.63 -0.15	39.73 -0.52 0.00
S.PERRY___115KV_TB1 80734	45.18 -0.50 -0.09	71.46 -0.92 -30.62	61.34 -0.94 -24.68	60.37 -0.91 -26.16	63.52 -0.86 -28.59	71.04 -0.74 -32.71	75.62 -2.02 -33.77	80.55 -2.21 -36.67	74.73 -2.58 -29.61	48.97 -4.38 -1.80	52.02 -4.86 -5.74	83.73 -5.86 -34.27	73.51 -5.46 -26.98	62.52 -4.73 -21.28	62.67 -5.78 -16.39	63.71 -5.84 -17.39	83.07 -5.71 -36.88	92.00 -5.92 -42.57	140.48 -7.83 -67.60	104.52 -6.50 -34.57	72.55 -2.66 -13.44	70.57 -0.76 -17.12	44.69 -1.18 -3.79	39.16 -1.09 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.46 -4.10 0.03	24.75 -4.43 12.58	22.86 -3.99 10.76	20.39 -3.79 10.94	20.06 -3.76 11.97	21.65 -4.06 13.36	25.68 -4.39 13.80	26.73 -4.56 14.81	32.86 -5.25 9.58	32.26 -5.57 13.73	32.01 -5.68 13.45	31.19 -5.97 18.15	29.26 -5.56 17.17	26.49 -4.78 14.70	22.93 -5.62 23.50	25.63 -5.69 20.85	27.76 -5.55 18.58	30.14 -5.70 19.52	36.48 -8.23 36.01	51.00 -7.87 17.57	46.80 -6.30 8.67	41.71 -5.37 7.13	35.64 -4.63 1.80	36.06 -4.19 0.00
SAWYER___23_KV_LOAD 55526	41.46 -4.10 0.03	24.75 -4.43 12.58	22.86 -3.99 10.76	20.39 -3.79 10.94	20.06 -3.76 11.97	21.65 -4.06 13.36	25.68 -4.39 13.80	26.73 -4.56 14.81	32.86 -5.25 9.58	32.26 -5.57 13.73	32.01 -5.68 13.45	31.19 -5.97 18.15	29.26 -5.56 17.17	26.49 -4.78 14.70	22.93 -5.62 23.50	25.63 -5.69 20.85	27.76 -5.55 18.58	30.14 -5.70 19.52	36.48 -8.23 36.01	51.00 -7.87 17.57	46.80 -6.30 8.67	41.71 -5.37 7.13	35.64 -4.63 1.80	36.06 -4.19 0.00
SELKIRK___I 23801	47.29 1.69 0.00	43.34 1.59 0.00	39.06 1.46 0.00	36.43 1.30 0.00	37.15 1.36 0.00	40.52 1.45 0.00	45.49 1.62 0.00	47.80 1.71 0.00	49.22 1.53 0.00	53.20 1.65 0.00	52.68 1.53 0.00	56.86 1.55 0.00	53.45 1.45 0.00	47.65 1.33 -0.35	53.82 1.56 -0.22	61.32 1.72 -7.44	54.28 1.71 -0.68	57.91 1.94 -0.62	83.30 2.58 0.00	78.67 2.22 0.00	63.44 1.67 0.00	55.72 1.52 0.00	43.46 1.39 0.00	41.50 1.25 0.00
SELKIRK___II 23799	46.83 1.23 0.00	42.97 1.21 0.00	38.73 1.13 0.00	36.15 1.02 0.00	36.87 1.07 0.00	40.21 1.13 0.00	45.14 1.27 0.00	47.53 1.43 0.00	49.03 1.33 0.00	53.05 1.50 0.00	52.57 1.43 0.00	56.42 1.11 0.00	53.09 1.09 0.00	47.23 1.01 -0.25	53.35 1.14 -0.15	60.87 1.25 -7.46	53.08 1.19 0.00	56.74 1.38 0.00	82.42 1.70 0.00	77.75 1.30 0.00	62.70 0.93 0.00	55.07 0.86 0.00	43.21 1.14 0.00	41.21 0.96 0.00
SENECA OSWGO___HYD 24041	44.78 -0.82 0.00	41.01 -0.75 0.00	36.71 -0.72 0.17	34.46 -0.67 0.00	35.11 -0.68 0.00	38.33 -0.74 0.00	42.99 -0.88 0.00	45.60 -1.01 -0.52	47.85 -1.10 -1.25	50.89 -1.18 -0.52	51.29 -1.17 -1.32	57.00 -1.27 -2.96	52.18 -1.30 -1.48	45.91 -1.15 -1.09	52.40 -1.35 -1.70	53.02 -1.36 -2.22	52.30 -1.40 -1.81	56.06 -1.44 -2.14	82.63 -1.85 -3.77	77.34 -1.68 -2.57	62.68 -1.30 -2.21	54.46 -1.30 -1.55	41.37 -1.13 -0.43	39.25 -1.00 0.00
SENECA___115KV_TB3 355854	42.01 -3.56 0.03	24.80 -3.76 13.20	22.87 -3.42 11.31	20.39 -3.27 11.48	20.21 -3.19 12.40	21.97 -3.40 13.70	25.96 -3.73 14.18	27.25 -3.69 15.16	33.21 -4.05 10.43	33.89 -4.23 13.43	32.43 -4.35 14.37	31.27 -4.48 19.57	29.33 -4.21 18.45	26.83 -3.68 15.46	23.71 -4.48 23.86	26.42 -4.54 21.20	27.05 -4.77 20.07	30.31 -4.82 20.23	37.21 -6.86 36.64	51.96 -6.58 17.91	47.58 -5.37 8.82	42.26 -4.39 7.55	36.43 -3.79 1.86	36.39 -3.86 0.00
SENECA___ENERGY 23797	45.33 -0.27 -0.01	43.45 -0.34 -2.03	38.52 -0.38 -1.29	36.46 -0.39 -1.72	46.62 -0.32 -11.15	61.95 -0.27 -23.15	70.41 -0.22 -26.76	68.71 -0.27 -22.89	49.08 -0.38 -1.77	46.74 -0.52 4.30	49.25 -0.56 1.33	57.28 -0.66 -2.63	52.72 -0.78 -1.50	46.56 -0.69 -1.28	51.33 -0.89 -0.17	52.20 -0.94 -0.98	53.60 -0.93 -2.64	63.15 -0.83 -8.63	127.57 -0.73 -47.58	97.51 -0.61 -21.67	68.49 -0.37 -7.09	54.47 -0.49 -0.75	41.54 -0.67 -0.15	39.57 -0.68 0.00
SHOEMAKER___GT 23640	48.43 2.83 0.00	44.35 2.59 0.00	40.14 2.33 -0.20	37.31 2.18 0.00	37.91 2.11 0.00	41.58 2.50 0.00	46.76 2.89 0.00	49.37 3.27 0.00	51.17 3.34 -0.13	58.15 3.81 -2.79	55.82 3.94 -0.74	59.71 4.59 0.19	14.06 4.42 42.35	-45.68 4.00 95.65	-130.17 4.63 186.85	-107.97 4.64 164.76	-173.39 4.62 229.90	-114.71 5.04 175.10	45.18 7.10 42.64	82.26 5.81 0.00	66.03 4.26 0.00	57.90 3.69 0.00	44.94 2.86 0.00	42.50 2.25 0.00
SHOEMAKR_138KV_BK 111 55601	48.42 2.83 0.00	44.51 2.76 0.00	40.17 2.37 -0.20	37.34 2.21 0.00	37.98 2.18 0.00	41.61 2.54 0.00	46.72 2.85 0.00	49.37 3.27 0.00	51.17 3.34 -0.14	58.23 3.87 -2.81	55.89 3.99 -0.76	59.78 4.65 0.18	-7.50 4.42 63.92	-97.54 4.05 147.55	-227.38 4.68 284.11	-195.69 4.69 252.54	-297.26 4.67 353.82	-210.10 5.04 270.49	23.44 7.10 64.38	82.26 5.81 0.00	66.03 4.26 0.00	57.89 3.69 0.00	44.93 2.86 0.00	42.34 2.09 0.00
SHOREHAM_IC_1 23715	51.40 5.79 -0.02	47.07 5.30 -0.01	42.25 4.47 -0.18	39.24 4.11 0.00	39.87 4.08 0.00	43.80 4.73 0.00	49.57 5.70 0.00	52.51 6.41 -0.01	58.21 6.73 -3.79	60.63 6.55 -2.53	61.15 6.60 -3.40	71.61 6.86 -9.44	88.84 6.03 -30.81	108.42 5.79 -56.65	144.91 6.76 -86.09	267.63 6.83 -208.64	285.11 6.90 -226.31	285.11 7.42 -222.34	340.61 10.42 -249.48	295.15 9.48 -209.23	240.06 8.09 -170.21	111.04 7.15 -49.68	61.92 5.43 -14.42	53.52 4.79 -8.49
SHOREHAM_IC_2 23716	51.40 5.79 -0.02	47.07 5.30 -0.01	42.25 4.47 -0.18	39.24 4.11 0.00	39.87 4.08 0.00	43.80 4.73 0.00	49.57 5.70 0.00	52.51 6.41 -0.01	58.21 6.73 -3.79	60.63 6.55 -2.53	61.15 6.60 -3.40	71.61 6.86 -9.44	88.84 6.03 -30.81	108.42 5.79 -56.65	144.91 6.76 -86.09	267.63 6.83 -208.64	285.11 6.90 -226.31	285.11 7.42 -222.34	340.61 10.42 -249.48	295.15 9.48 -209.23	240.06 8.09 -170.21	111.04 7.15 -49.68	61.92 5.43 -14.42	53.52 4.79 -8.49
SISSONVILLE____ 23735	43.64 -1.96 0.00	39.92 -1.84 0.00	35.91 -1.69 0.00	33.55 -1.58 0.00	34.15 -1.65 0.00	37.20 -1.88 0.00	41.10 -2.76 0.00	43.24 -2.86 0.00	44.93 -2.81 -0.05	48.45 -3.30 -0.19	47.90 -3.32 -0.08	51.53 -3.93 -0.14	48.15 -3.85 0.00	42.34 -3.63 0.00	48.04 -4.01 0.00	48.14 -4.17 -0.15	48.00 -3.89 0.00	50.87 -4.48 0.00	75.63 -5.09 0.00	72.40 -4.05 0.00	59.42 -2.35 0.00	51.98 -2.22 0.00	40.43 -1.64 0.00	38.96 -1.29 0.00
SITHE_IND_GS1 24169	44.37 -1.23 0.00	40.63 -1.13 0.00	36.59 -1.01 0.00	34.18 -0.95 0.00	34.83 -0.96 0.00	38.02 -1.05 0.00	42.59 -1.27 0.00	40.02 -1.52 4.56	37.12 -1.57 9.00	37.56 -1.75 12.24	36.18 -1.74 13.22	37.18 -1.88 16.25	37.18 -1.77 13.05	37.18 -1.56 7.23	36.75 -1.77 13.53	36.75 -1.83 13.58	37.75 -1.82 12.32	37.75 -1.88 15.72	41.58 -2.59 36.55	49.05 -2.45 24.95	38.37 -1.98 21.42	37.37 -1.79 15.05	36.40 -1.47 4.20	39.00 -1.25 0.00

SITHE_IND_GS2 24170	44.37 -1.23 0.00	40.63 -1.13 0.00	36.59 -1.01 0.00	34.18 -0.95 0.00	34.83 -0.96 0.00	38.02 -1.05 0.00	42.59 -1.27 0.00	40.02 -1.52 4.56	37.12 -1.57 9.00	37.56 -1.75 12.24	36.18 -1.74 13.22	37.18 -1.88 16.25	37.18 -1.77 13.05	37.18 -1.56 7.23	36.75 -1.77 13.53	36.75 -1.83 13.58	37.75 -1.82 12.32	37.75 -1.88 15.72	41.58 -2.59 36.55	49.05 -2.45 24.95	38.37 -1.98 21.42	37.37 -1.79 15.05	36.40 -1.47 4.20	39.00 -1.25 0.00
SITHE_IND_GS3 24171	44.37 -1.23 0.00	40.63 -1.13 0.00	36.59 -1.01 0.00	34.18 -0.95 0.00	34.83 -0.96 0.00	38.02 -1.05 0.00	42.59 -1.27 0.00	40.02 -1.52 4.56	37.12 -1.57 9.00	37.56 -1.75 12.24	36.18 -1.74 13.22	37.18 -1.88 16.25	37.18 -1.77 13.05	37.18 -1.56 7.23	36.75 -1.77 13.53	36.75 -1.83 13.58	37.75 -1.82 12.32	37.75 -1.88 15.72	41.58 -2.59 36.55	49.05 -2.45 24.95	38.37 -1.98 21.42	37.37 -1.79 15.05	36.40 -1.47 4.20	39.00 -1.25 0.00
SITHE_IND_GS4 24172	44.37 -1.23 0.00	40.63 -1.13 0.00	36.59 -1.01 0.00	34.18 -0.95 0.00	34.83 -0.96 0.00	38.02 -1.05 0.00	42.59 -1.27 0.00	40.02 -1.52 4.56	37.12 -1.57 9.00	37.56 -1.75 12.24	36.18 -1.74 13.22	37.18 -1.88 16.25	37.18 -1.77 13.05	37.18 -1.56 7.23	36.75 -1.77 13.53	36.75 -1.83 13.58	37.75 -1.82 12.32	37.75 -1.88 15.72	41.58 -2.59 36.55	49.05 -2.45 24.95	38.37 -1.98 21.42	37.37 -1.79 15.05	36.40 -1.47 4.20	39.00 -1.25 0.00
SITHE___BATAVIA 24024	42.85 -2.73 0.02	31.74 -2.96 7.05	28.66 -2.74 6.20	26.34 -2.64 6.15	25.27 -2.61 7.91	26.07 -2.81 10.19	29.78 -3.07 11.02	31.38 -3.23 11.49	38.08 -3.63 5.99	36.05 -4.02 11.48	9.56 -4.14 37.44	12.67 -4.65 38.00	2.88 -4.42 44.69	30.05 -3.77 12.16	20.19 -4.58 27.28	23.56 -4.69 23.90	35.96 -4.57 11.36	38.32 -4.59 12.44	45.99 -6.14 28.59	56.64 -5.73 14.07	50.21 -4.45 7.11	45.20 -4.07 4.94	37.20 -3.53 1.34	37.11 -3.14 0.00
SITHE___INDEPEND 23800	44.37 -1.23 0.00	40.55 -1.21 0.00	36.51 -1.09 0.00	34.14 -0.98 0.00	34.76 -1.04 0.00	37.90 -1.17 0.00	42.59 -1.27 0.00	40.02 -1.52 4.56	37.12 -1.57 9.00	37.56 -1.75 12.24	36.18 -1.74 13.22	37.18 -1.88 16.25	37.18 -1.77 13.05	37.18 -1.56 7.23	36.75 -1.77 13.53	36.75 -1.83 13.58	37.75 -1.82 12.32	37.75 -1.88 15.72	41.59 -2.58 36.55	49.05 -2.45 24.95	38.37 -1.98 21.42	37.37 -1.79 15.05	36.40 -1.47 4.20	39.12 -1.13 0.00
SITHE___MASSENA 23902	45.00 -0.59 0.00	41.21 -0.54 0.00	37.07 -0.53 0.00	34.67 -0.46 0.00	35.26 -0.54 0.00	38.49 -0.59 0.00	43.12 -0.75 0.00	45.36 -0.74 0.00	47.12 -0.57 0.00	50.73 -0.83 0.00	50.48 -0.67 0.00	54.26 -1.05 0.00	51.06 -0.93 0.00	45.09 -0.87 0.00	51.06 -0.99 0.00	51.06 -1.10 0.00	51.06 -0.83 0.00	54.14 -1.22 0.00	79.18 -1.54 0.00	75.54 -0.91 0.00	61.27 -0.50 0.00	53.72 -0.49 0.00	41.78 -0.29 0.00	40.09 -0.16 0.00
SITHE___OGDNSBRG 24021	44.96 -0.64 0.00	41.13 -0.63 0.00	37.00 -0.60 0.00	34.53 -0.60 0.00	35.15 -0.64 0.00	38.41 -0.66 0.00	42.81 -1.05 0.00	44.99 -1.11 0.00	46.50 -1.19 0.00	49.95 -1.60 0.00	49.46 -1.69 0.00	53.05 -2.27 0.00	49.81 -2.18 0.00	43.95 -2.02 0.00	49.81 -2.24 0.00	49.97 -2.29 -0.11	49.92 -1.97 0.00	52.92 -2.44 0.00	78.30 -2.42 0.00	75.00 -1.45 0.00	61.27 -0.49 0.00	53.61 -0.60 0.00	41.69 -0.38 0.00	40.01 -0.24 0.00
SITHE___STERLING 23777	46.65 1.05 0.00	42.59 0.83 0.00	38.31 0.71 0.00	35.72 0.60 0.00	36.47 0.68 0.00	39.90 0.82 0.00	44.87 1.01 0.00	47.04 1.10 0.16	48.66 1.14 0.18	52.71 1.03 -0.13	51.80 0.87 0.21	56.39 1.22 0.14	52.22 0.67 0.45	45.95 0.23 0.25	52.10 0.52 0.46	52.43 0.31 0.04	51.77 0.26 0.39	55.20 0.33 0.49	81.43 1.86 1.15	77.50 1.83 0.78	62.89 1.79 0.67	55.14 1.41 0.47	42.87 0.92 0.13	41.01 0.76 0.00
SLEIGHT__34_KV_TB1 80719	44.50 -1.09 0.00	40.20 -1.34 0.22	35.82 -1.24 0.54	33.73 -1.19 0.21	31.50 -1.22 3.08	31.10 -1.29 6.68	34.78 -1.27 7.82	37.64 -1.38 7.07	45.18 -1.43 1.08	43.98 -1.65 5.92	47.58 -1.69 1.88	53.22 -1.94 0.16	49.94 -1.92 0.13	43.36 -1.65 0.95	47.79 -2.13 2.13	48.53 -2.19 1.43	48.47 -2.18 1.24	49.99 -2.21 3.15	59.39 -2.74 18.59	64.83 -2.37 9.25	55.36 -1.79 4.62	50.64 -1.84 1.72	39.83 -1.77 0.48	38.84 -1.41 0.00
SOUTH CAIRO___GT 23612	48.70 3.10 0.00	44.64 2.88 0.00	40.16 2.56 0.00	37.48 2.35 0.00	38.12 2.33 0.00	41.69 2.62 0.00	46.85 2.98 0.00	49.09 3.00 0.00	50.13 2.43 0.00	53.67 2.11 0.00	53.04 1.89 0.00	57.31 1.99 0.00	53.71 1.72 0.00	48.99 1.75 -1.27	54.93 2.08 -0.79	62.04 2.40 -7.48	57.20 2.59 -2.71	61.20 3.43 -2.42	85.24 4.52 0.00	80.35 3.90 0.00	64.92 3.15 0.00	56.86 2.66 0.00	44.39 2.31 0.00	42.22 1.97 0.00
SOUTH HAMPTN___IC 23720	51.31 5.70 -0.02	46.99 5.22 -0.01	42.14 4.36 -0.18	39.13 4.00 0.00	39.77 3.97 0.00	43.68 4.61 0.00	49.44 5.57 0.00	52.51 6.41 -0.01	58.25 6.77 -3.79	60.73 6.65 -2.53	61.30 6.75 -3.40	72.00 7.24 -9.44	89.26 6.45 -30.81	108.80 6.25 -56.58	145.28 7.29 -85.94	268.10 7.30 -208.64	285.52 7.32 -226.31	285.44 7.75 -222.34	341.09 10.89 -249.48	295.69 10.01 -209.23	240.37 8.40 -170.21	111.15 7.27 -49.68	61.88 5.39 -14.42	53.44 4.71 -8.49
SOUTHDOW__115KV_TB1 355954	43.20 -2.37 0.03	27.41 -2.67 11.68	24.94 -2.52 10.14	22.56 -2.42 10.15	22.64 -2.33 10.83	25.12 -2.15 11.81	29.89 -1.80 12.17	31.35 -1.61 13.13	36.26 -1.96 9.48	36.05 -1.80 13.70	35.37 -2.10 13.68	35.86 -1.83 17.63	33.50 -1.77 16.73	30.65 -1.70 13.62	28.34 -2.55 21.16	30.86 -2.66 18.64	31.46 -2.80 17.62	35.20 -2.44 17.72	45.33 -3.39 32.00	57.96 -2.75 15.74	51.44 -2.47 7.86	45.63 -1.73 6.85	38.50 -1.89 1.68	37.67 -2.58 0.00
SOUTHOLD_69_KV_BK 2 55809	51.08 5.47 -0.02	46.94 5.18 0.00	41.96 4.17 -0.18	39.03 3.90 0.00	39.62 3.83 0.00	43.45 4.38 0.00	49.13 5.26 0.00	52.41 6.32 0.00	58.21 6.72 -3.79	61.25 7.17 -2.53	61.35 6.80 -3.40	72.05 7.30 -9.44	89.41 6.60 -30.81	108.99 6.44 -56.58	145.50 7.50 -85.95	268.26 7.46 -208.64	285.74 7.52 -226.32	285.49 7.81 -222.33	341.09 10.90 -249.48	296.00 10.32 -209.23	240.68 8.71 -170.21	111.26 7.37 -49.68	61.71 5.22 -14.42	53.00 4.27 -8.49
SOUTHOLD___IC 23719	51.04 5.42 -0.02	46.73 4.97 -0.01	41.88 4.10 -0.18	38.92 3.79 0.00	39.52 3.72 0.00	43.41 4.34 0.00	49.17 5.31 0.00	52.42 6.32 -0.01	58.21 6.73 -3.79	60.68 6.60 -2.53	61.30 6.75 -3.40	72.05 7.30 -9.44	89.42 6.60 -30.81	108.99 6.44 -56.58	145.50 7.50 -85.95	268.26 7.46 -208.64	285.68 7.47 -226.31	285.50 7.81 -222.34	341.09 10.89 -249.48	295.99 10.32 -209.23	240.68 8.71 -170.21	111.26 7.37 -49.68	61.71 5.22 -14.42	53.24 4.51 -8.49
SOUTH_FORK_WT_PWR 323839	50.40 4.79 -0.02	46.15 4.38 -0.01	41.39 3.61 -0.18	38.43 3.30 0.00	39.05 3.26 0.00	42.91 3.83 0.00	48.56 4.70 0.00	51.86 5.76 -0.01	57.64 6.15 -3.79	60.11 6.03 -2.53	60.73 6.19 -3.40	71.44 6.69 -9.44	88.84 6.03 -30.81	108.48 5.93 -56.58	144.92 6.92 -85.95	267.68 6.88 -208.64	285.11 6.90 -226.31	284.72 7.03 -222.34	340.04 9.84 -249.48	295.15 9.48 -209.23	240.13 8.15 -170.21	110.66 6.78 -49.68	61.16 4.67 -14.42	52.72 3.99 -8.49

SPIERFLS_115KV_TB 1 80737	48.65 3.06 0.00	44.60 2.84 0.00	40.08 2.48 0.00	37.34 2.21 0.00	38.16 2.36 0.00	41.81 2.74 0.00	46.94 3.07 0.00	49.28 3.18 0.00	50.75 3.05 0.00	54.70 3.14 0.00	54.26 3.12 0.00	58.69 3.37 0.00	54.70 2.70 0.00	48.81 2.16 -0.68	54.71 2.24 -0.42	62.67 2.71 -7.81	56.03 2.70 -1.44	59.61 3.04 -1.21	85.88 5.17 0.00	81.11 4.66 0.00	65.41 3.64 0.00	57.51 3.31 0.00	44.30 2.23 0.00	42.38 2.13 0.00
ST LAWRENCE____ 23600	44.78 -0.82 0.00	41.01 -0.75 0.00	36.92 -0.68 0.00	34.53 -0.60 0.00	35.15 -0.64 0.00	38.37 -0.70 0.00	43.08 -0.79 0.00	45.31 -0.78 0.00	46.98 -0.71 0.00	50.68 -0.88 0.00	50.38 -0.77 0.00	54.21 -1.11 0.00	51.06 -0.93 0.00	45.09 -0.87 0.00	51.06 -0.99 0.00	51.11 -1.04 0.00	51.01 -0.88 0.00	54.19 -1.17 0.00	79.10 -1.61 0.00	75.30 -1.14 0.00	60.96 -0.80 0.00	53.50 -0.71 0.00	41.65 -0.42 0.00	39.89 -0.36 0.00
STATE_CA_115KV_115_LB 55624	47.01 1.41 0.00	43.22 1.46 0.00	38.92 1.32 0.00	36.29 1.16 0.00	37.01 1.22 0.00	40.44 1.37 0.00	45.36 1.49 0.00	47.66 1.57 0.00	49.08 1.38 0.00	52.94 1.39 0.00	52.58 1.43 0.00	56.92 1.60 0.00	53.45 1.46 0.00	47.87 1.20 -0.71	53.84 1.35 -0.44	61.38 1.56 -7.65	54.90 1.50 -1.50	58.47 1.83 -1.29	83.30 2.58 0.00	78.51 2.06 0.00	63.25 1.48 0.00	55.56 1.36 0.00	43.29 1.22 0.00	41.22 0.97 0.00
STATE_ST_34_KV_LOAD 55959	45.74 0.14 0.00	42.90 0.04 -1.10	38.19 0.00 -0.59	36.03 -0.04 -0.94	40.32 -0.04 -4.56	48.27 0.00 -9.19	54.62 0.18 -10.58	55.39 0.09 -9.21	48.85 0.00 -1.15	48.17 -0.10 3.28	50.20 -0.10 0.85	57.20 -0.17 -2.05	52.75 -0.31 -1.07	46.68 -0.32 -1.03	52.11 -0.42 -0.48	52.94 -0.47 -1.25	53.56 -0.42 -2.08	59.56 -0.28 -4.48	100.14 0.00 -19.43	85.63 0.15 -9.03	65.19 0.25 -3.18	54.92 0.00 -0.71	41.94 -0.29 -0.16	40.05 -0.20 0.00
STATION 5_MISC_HYD 23604	43.91 -1.69 0.00	39.31 -2.00 0.45	34.94 -1.92 0.75	32.87 -1.83 0.43	30.97 -1.86 2.96	31.02 -1.95 6.10	34.56 -2.15 7.15	37.23 -2.21 6.65	43.99 -2.29 1.41	41.71 -2.52 7.32	47.02 -2.61 1.51	52.60 -2.99 -0.28	49.93 -2.91 -0.84	41.80 -2.44 1.73	45.52 -3.07 3.46	46.38 -3.13 2.65	46.55 -3.11 2.23	48.34 -3.21 3.80	57.76 -4.20 18.75	63.27 -3.74 9.44	53.93 -2.78 5.06	49.39 -2.65 2.16	39.03 -2.44 0.60	38.28 -1.97 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	44.73 -0.87 0.00	40.40 -1.17 0.19	35.94 -1.09 0.57	33.89 -1.05 0.18	28.05 -1.04 6.70	23.06 -1.09 14.92	25.36 -1.05 17.45	29.81 -1.15 15.13	45.42 -1.19 1.08	43.57 -1.39 6.59	47.76 -1.43 1.95	53.64 -1.71 -0.03	50.37 -1.72 -0.09	43.68 -1.47 0.82	48.29 -1.93 1.84	49.03 -1.98 1.14	48.82 -1.97 1.10	48.21 -1.94 5.21	42.58 -2.34 35.80	57.42 -1.99 17.04	53.09 -1.48 7.20	51.03 -1.52 1.66	40.05 -1.56 0.46	39.04 -1.21 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.77 -1.82 0.00	39.19 -2.17 0.39	34.91 -1.99 0.70	32.82 -1.93 0.37	30.29 -1.97 3.54	29.48 -2.11 7.48	32.91 -2.19 8.77	35.74 -2.35 8.00	43.85 -2.43 1.41	41.75 -2.68 7.12	46.72 -2.71 1.71	52.26 -3.10 -0.04	49.55 -2.96 -0.52	41.84 -2.53 1.60	45.68 -3.12 3.25	46.50 -3.18 2.48	46.58 -3.22 2.09	47.99 -3.27 4.10	54.75 -4.36 21.61	61.78 -3.90 10.77	53.29 -2.96 5.51	49.22 -2.82 2.17	38.90 -2.57 0.60	38.24 -2.01 0.00
STA_56____34_KV_BUS2 355983	43.77 -1.82 0.00	39.19 -2.17 0.39	34.91 -1.99 0.70	32.82 -1.93 0.37	30.29 -1.97 3.54	29.48 -2.11 7.48	32.91 -2.19 8.77	35.74 -2.35 8.00	43.85 -2.43 1.41	41.75 -2.68 7.12	46.72 -2.71 1.71	52.26 -3.10 -0.04	49.55 -2.96 -0.52	41.84 -2.53 1.60	45.68 -3.12 3.25	46.50 -3.18 2.48	46.58 -3.22 2.09	47.99 -3.27 4.10	54.75 -4.36 21.61	61.78 -3.90 10.77	53.29 -2.96 5.51	49.22 -2.82 2.17	38.90 -2.57 0.60	38.24 -2.01 0.00
STA_67____115KV_BK2 355882	43.87 -1.73 0.00	39.14 -2.17 0.45	34.86 -1.99 0.75	32.77 -1.93 0.43	30.90 -1.93 2.97	30.88 -2.07 6.12	34.54 -2.15 7.18	37.12 -2.30 6.67	43.90 -2.38 1.41	41.54 -2.68 7.33	46.94 -2.71 1.49	52.52 -3.10 -0.30	49.86 -3.02 -0.87	41.71 -2.53 1.73	45.48 -3.12 3.45	46.28 -3.23 2.64	46.45 -3.22 2.23	48.29 -3.27 3.80	57.57 -4.36 18.78	63.10 -3.90 9.45	53.81 -2.90 5.06	49.29 -2.76 2.16	38.95 -2.52 0.60	38.32 -1.93 0.00
STA_7____115KV_9TRANS 80674	44.14 -1.46 0.00	39.39 -1.92 0.45	35.09 -1.77 0.74	32.98 -1.72 0.42	31.11 -1.75 2.93	31.16 -1.88 6.04	34.91 -1.89 7.07	37.48 -2.03 6.59	44.17 -2.10 1.42	41.93 -2.32 7.30	47.20 -2.35 1.59	52.74 -2.77 -0.19	50.02 -2.70 -0.73	41.98 -2.25 1.74	45.69 -2.86 3.49	46.50 -2.97 2.69	46.70 -2.96 2.24	48.57 -2.99 3.80	58.19 -3.87 18.65	63.61 -3.44 9.40	54.18 -2.53 5.06	49.54 -2.49 2.18	39.15 -2.31 0.61	38.48 -1.77 0.00
STA_82____115KV_TB1 80780	43.77 -1.82 0.00	39.09 -2.21 0.45	34.82 -2.03 0.75	32.73 -1.97 0.43	30.82 -2.00 2.97	30.79 -2.15 6.13	34.44 -2.24 7.19	37.02 -2.40 6.68	43.80 -2.48 1.41	41.44 -2.78 7.33	46.86 -2.81 1.47	52.43 -3.21 -0.32	49.77 -3.12 -0.90	41.62 -2.62 1.72	45.38 -3.23 3.44	46.24 -3.29 2.63	46.35 -3.32 2.22	48.17 -3.38 3.80	57.47 -4.44 18.80	62.94 -4.05 9.46	53.69 -3.03 5.06	49.18 -2.87 2.15	38.86 -2.61 0.60	38.24 -2.01 0.00
STEEL____WIND 323596	41.96 -3.60 0.03	24.76 -3.80 13.20	22.79 -3.50 11.31	20.35 -3.30 11.48	20.17 -3.22 12.40	21.94 -3.44 13.70	25.91 -3.77 14.18	27.21 -3.73 15.16	33.16 -4.10 10.43	33.84 -4.28 13.43	32.37 -4.40 14.37	31.21 -4.53 19.57	29.28 -4.26 18.45	26.79 -3.72 15.46	23.66 -4.53 23.86	26.37 -4.59 21.20	27.05 -4.77 20.07	30.26 -4.87 20.23	37.13 -6.94 36.64	51.89 -6.65 17.91	47.58 -5.37 8.82	42.21 -4.44 7.55	36.39 -3.83 1.86	36.35 -3.90 0.00
STEPHTWN_115KV_BK_2 55603	47.29 1.69 0.00	43.47 1.71 0.00	39.14 1.54 0.00	36.50 1.37 0.00	37.23 1.43 0.00	40.72 1.64 0.00	45.71 1.84 0.00	48.03 1.94 0.00	49.41 1.72 0.00	53.20 1.65 0.00	52.73 1.59 0.00	57.09 1.77 0.00	53.61 1.61 0.00	47.98 1.29 -0.72	53.96 1.46 -0.45	61.52 1.77 -7.59	55.14 1.71 -1.53	58.82 2.16 -1.31	83.79 3.07 0.00	78.97 2.52 0.00	63.62 1.85 0.00	55.83 1.63 0.00	43.50 1.43 0.00	41.42 1.17 0.00
STEBEN_REC_LFGE 323667	43.34 -2.33 -0.07	63.63 -2.34 -24.21	54.17 -2.18 -18.75	53.84 -2.00 -20.71	60.00 -1.79 -26.00	70.96 -1.56 -33.45	78.12 -1.40 -35.66	81.18 -1.43 -36.52	68.96 -1.62 -22.89	41.82 -1.91 7.82	48.52 -2.10 0.53	78.54 -2.21 -25.44	68.81 -2.13 -18.94	61.89 -1.88 -17.80	63.98 -2.50 -14.43	64.96 -2.76 -15.56	79.60 -2.65 -30.35	89.46 -2.49 -36.59	148.39 -2.74 -70.41	108.97 -2.37 -34.89	73.60 -1.48 -13.31	66.45 -1.36 -13.60	43.46 -1.64 -3.03	38.40 -1.85 0.00
STILLWATER____SOLAR 323814	48.20 2.60 0.00	44.14 2.38 0.00	39.74 2.14 0.00	37.02 1.90 0.00	37.83 2.04 0.00	41.38 2.30 0.00	46.41 2.54 0.00	48.72 2.63 0.00	50.17 2.48 0.00	54.18 2.63 0.00	53.65 2.51 0.00	58.08 2.76 0.00	54.34 2.34 0.00	48.76 1.93 -0.86	54.72 2.13 -0.54	62.47 2.50 -7.81	56.00 2.44 -1.67	59.61 2.88 -1.38	85.32 4.60 0.00	80.50 4.05 0.00	64.98 3.21 0.00	57.08 2.87 0.00	44.09 2.02 0.00	42.14 1.89 0.00

STONY___BROOK 24151	51.17 5.56 -0.02	46.86 5.09 -0.01	42.07 4.28 -0.18	39.06 3.93 0.00	39.70 3.90 0.00	43.61 4.53 0.00	49.35 5.48 0.00	52.28 6.18 -0.01	57.97 6.49 -3.79	60.42 6.34 -2.53	61.10 6.55 -3.40	71.89 7.14 -9.44	89.15 6.34 -30.81	108.81 6.02 -56.82	145.43 6.98 -86.40	267.79 6.99 -208.64	285.21 7.00 -226.31	285.28 7.58 -222.34	340.85 10.65 -249.48	295.00 9.32 -209.23	239.20 7.22 -170.21	110.23 6.34 -49.68	61.67 5.17 -14.42	53.28 4.55 -8.49
STURGEON_POOL_HYD 23609	48.79 3.19 0.00	44.85 3.09 0.00	40.41 2.63 -0.18	37.62 2.49 0.00	38.23 2.43 0.00	41.85 2.77 0.00	46.98 3.11 0.00	49.64 3.55 0.00	51.40 3.58 -0.13	58.22 4.23 -2.44	56.34 4.35 -0.85	60.29 4.98 0.00	59.20 4.84 -2.37	60.96 4.60 -10.39	70.91 5.26 -13.60	74.52 5.27 -17.10	80.80 5.29 -23.62	80.67 5.76 -19.56	90.79 7.59 -2.49	82.64 6.19 0.00	66.40 4.63 0.00	58.22 4.01 0.00	45.14 3.07 0.00	42.54 2.29 0.00
ST_LAW_115_BK7_LBMP 345037	44.73 -0.87 0.00	40.96 -0.79 0.00	36.88 -0.72 0.00	34.50 -0.63 0.00	35.11 -0.68 0.00	38.33 -0.74 0.00	42.99 -0.88 0.00	45.22 -0.88 0.00	46.93 -0.76 0.00	50.57 -0.98 0.00	50.27 -0.87 0.00	54.10 -1.22 0.00	50.96 -1.04 0.00	45.00 -0.97 0.00	50.95 -1.10 0.00	51.01 -1.15 0.00	50.96 -0.93 0.00	54.08 -1.27 0.00	78.94 -1.78 0.00	75.15 -1.30 0.00	60.90 -0.86 0.00	53.45 -0.76 0.00	41.61 -0.46 0.00	39.89 -0.36 0.00
ST_LAW_115_BK8_LBMP 345038	44.73 -0.87 0.00	40.96 -0.79 0.00	36.88 -0.72 0.00	34.50 -0.63 0.00	35.11 -0.68 0.00	38.33 -0.74 0.00	42.99 -0.88 0.00	45.22 -0.88 0.00	46.93 -0.76 0.00	50.57 -0.98 0.00	50.27 -0.87 0.00	54.10 -1.22 0.00	50.96 -1.04 0.00	45.00 -0.97 0.00	50.95 -1.10 0.00	51.01 -1.15 0.00	50.96 -0.93 0.00	54.08 -1.27 0.00	78.94 -1.78 0.00	75.15 -1.30 0.00	60.90 -0.86 0.00	53.45 -0.76 0.00	41.61 -0.46 0.00	39.89 -0.36 0.00
ST_LAW_230_BK5_LBMP 345035	44.78 -0.82 0.00	41.01 -0.75 0.00	36.92 -0.68 0.00	34.53 -0.60 0.00	35.15 -0.64 0.00	38.37 -0.70 0.00	43.08 -0.79 0.00	45.31 -0.78 0.00	46.98 -0.71 0.00	50.68 -0.88 0.00	50.38 -0.77 0.00	54.21 -1.11 0.00	51.06 -0.93 0.00	45.09 -0.87 0.00	51.06 -0.99 0.00	51.11 -1.04 0.00	51.01 -0.88 0.00	54.19 -1.17 0.00	79.10 -1.61 0.00	75.30 -1.14 0.00	60.96 -0.80 0.00	53.50 -0.71 0.00	41.65 -0.42 0.00	39.89 -0.36 0.00
ST_LAW_230_BK6_LBMP 345036	44.78 -0.82 0.00	41.01 -0.75 0.00	36.92 -0.68 0.00	34.53 -0.60 0.00	35.15 -0.64 0.00	38.37 -0.70 0.00	43.08 -0.79 0.00	45.31 -0.78 0.00	46.98 -0.71 0.00	50.68 -0.88 0.00	50.38 -0.77 0.00	54.21 -1.11 0.00	51.06 -0.93 0.00	45.09 -0.87 0.00	51.06 -0.99 0.00	51.11 -1.04 0.00	51.01 -0.88 0.00	54.19 -1.17 0.00	79.10 -1.61 0.00	75.30 -1.14 0.00	60.96 -0.80 0.00	53.50 -0.71 0.00	41.65 -0.42 0.00	39.89 -0.36 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.65 3.06 0.00	44.76 3.01 0.00	40.35 2.56 -0.20	37.52 2.39 0.00	38.12 2.33 0.00	41.81 2.74 0.00	46.94 3.07 0.00	49.64 3.55 0.00	51.50 3.67 -0.13	58.55 4.28 -2.72	56.26 4.45 -0.67	60.24 5.14 0.22	86.61 4.94 -29.67	128.14 4.51 -77.67	195.15 5.20 -137.90	185.69 5.22 -128.32	240.94 5.14 -183.91	204.31 5.59 -143.37	118.50 7.83 -29.95	82.87 6.42 0.00	66.46 4.69 0.00	58.27 4.07 0.00	45.23 3.16 0.00	42.54 2.29 0.00
SWANROAD_115KV_TB1 355699	40.42 -5.15 0.02	26.40 -5.09 10.26	24.18 -4.59 8.83	21.86 -4.32 8.95	21.34 -4.30 10.16	22.50 -4.81 11.77	25.88 -5.35 12.63	26.50 -5.85 13.74	32.11 -6.53 9.04	29.91 -6.96 14.68	28.64 -6.85 15.65	28.11 -7.36 19.84	25.92 -6.81 19.26	27.18 -5.88 12.90	23.86 -6.71 21.47	26.30 -6.88 18.97	29.32 -6.59 15.98	31.83 -6.92 16.61	37.90 -10.01 32.81	50.16 -10.17 16.12	45.80 -7.97 8.00	40.50 -7.05 6.66	34.44 -5.89 1.75	35.18 -5.07 0.00
SYNERGY___BIOGAS 323694	42.94 -2.64 0.02	31.70 -3.01 7.05	28.66 -2.74 6.20	26.31 -2.67 6.15	25.23 -2.65 7.91	26.04 -2.85 10.19	29.91 -2.94 11.02	31.38 -3.23 11.49	38.08 -3.62 5.99	36.00 -4.07 11.48	9.51 -4.19 37.44	12.67 -4.65 38.00	2.88 -4.42 44.69	30.04 -3.77 12.16	20.19 -4.58 27.28	23.56 -4.69 23.90	35.97 -4.57 11.36	38.32 -4.59 12.44	45.99 -6.13 28.59	56.64 -5.73 14.07	50.21 -4.45 7.11	45.20 -4.07 4.94	37.12 -3.62 1.34	37.15 -3.10 0.00
SYRACUSE___ENERGY_ST1 323597	45.69 0.09 0.00	41.76 0.00 0.00	37.32 -0.04 0.24	35.09 -0.04 0.00	36.89 -0.04 -1.13	41.55 -0.08 -2.55	46.81 -0.04 -2.99	48.46 -0.14 -2.50	47.61 -0.19 -0.11	49.26 -0.21 2.08	50.36 -0.15 0.63	56.03 -0.17 -0.88	51.74 -0.26 0.00	46.08 -0.23 -0.34	51.90 -0.36 -0.21	52.53 -0.42 -0.79	52.16 -0.42 -0.69	56.31 -0.39 -1.34	85.79 -0.32 -5.39	78.66 -0.23 -2.44	62.47 -0.12 -0.83	53.94 -0.27 0.00	41.69 -0.38 0.00	40.01 -0.24 0.00
SYRACUSE___ENERGY_ST2 323598	45.69 0.09 0.00	41.76 0.00 0.00	37.32 -0.04 0.24	35.09 -0.04 0.00	36.89 -0.04 -1.13	41.55 -0.08 -2.55	46.81 -0.04 -2.99	48.46 -0.14 -2.50	47.61 -0.19 -0.11	49.26 -0.21 2.08	50.36 -0.15 0.63	56.03 -0.17 -0.88	51.74 -0.26 0.00	46.08 -0.23 -0.34	51.90 -0.36 -0.21	52.53 -0.42 -0.79	52.16 -0.42 -0.69	56.31 -0.39 -1.34	85.79 -0.32 -5.39	78.66 -0.23 -2.44	62.47 -0.12 -0.83	53.94 -0.27 0.00	41.69 -0.38 0.00	40.01 -0.24 0.00
SYRACUSE___POWER 24017	45.55 -0.05 0.00	41.63 -0.13 0.00	37.23 -0.15 0.21	34.99 -0.14 0.00	36.29 -0.14 -0.64	40.37 -0.16 -1.45	45.43 -0.13 -1.70	47.14 -0.18 -1.22	47.15 -0.24 0.30	48.84 -0.26 2.45	49.72 -0.26 1.17	55.15 -0.22 -0.06	51.11 -0.31 0.58	45.68 -0.32 -0.04	51.25 -0.42 0.38	51.89 -0.47 -0.21	51.61 -0.47 -0.18	55.35 -0.39 -0.39	81.86 -0.32 -1.46	76.44 -0.31 -0.29	61.11 -0.19 0.47	53.22 -0.33 0.66	41.47 -0.42 0.18	39.93 -0.32 0.00
TALLMAN__138KV_BK151 55660	48.93 3.33 0.00	45.02 3.26 0.00	40.57 2.78 -0.19	37.73 2.60 0.00	38.34 2.54 0.00	42.04 2.97 0.00	47.20 3.33 0.00	49.97 3.87 0.00	51.87 4.05 -0.12	58.92 4.74 -2.62	56.63 4.96 -0.53	60.76 5.75 0.31	75.70 5.51 -18.19	101.44 5.06 -50.41	144.30 5.78 -86.47	139.84 5.79 -81.90	176.37 5.71 -118.77	154.83 6.14 -93.33	107.69 8.56 -18.41	83.48 7.03 0.00	66.89 5.13 0.00	58.71 4.50 0.00	45.57 3.49 0.00	42.83 2.58 0.00
TEALLAVE_115KV_TB7 355573	45.32 -0.27 0.00	41.42 -0.33 0.00	37.11 -0.30 0.18	34.81 -0.32 0.00	35.51 -0.29 0.00	38.72 -0.35 0.00	43.56 -0.31 0.00	45.40 -0.41 0.28	46.82 -0.43 0.44	48.75 -0.52 2.28	49.42 -0.46 1.26	54.63 -0.44 0.24	50.68 -0.52 0.80	45.37 -0.46 0.14	50.79 -0.62 0.64	51.32 -0.68 0.16	51.09 -0.67 0.13	54.33 -0.66 0.36	77.81 -0.73 2.18	74.27 -0.69 1.49	59.94 -0.56 1.28	52.71 -0.60 0.90	41.19 -0.63 0.25	39.81 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	41.84 -3.74 0.02	29.39 -3.93 8.44	26.69 -3.57 7.34	24.37 -3.41 7.35	23.52 -3.36 8.91	24.42 -3.71 10.94	28.17 -3.99 11.71	29.42 -4.29 12.39	36.06 -4.77 6.87	34.07 -5.16 12.32	28.88 -5.22 17.04	30.01 -5.70 19.61	26.26 -5.30 20.43	30.20 -4.55 11.22	26.78 -5.41 19.86	29.17 -5.53 17.46	33.16 -5.40 13.34	35.58 -5.54 14.24	42.49 -7.75 30.48	53.95 -7.57 14.93	48.40 -5.87 7.50	43.47 -5.26 5.48	36.09 -4.50 1.48	36.35 -3.90 0.00

TEMPLE___115KV_TB 2 55572	45.37 -0.23 0.00	41.47 -0.29 0.00	37.15 -0.26 0.19	34.85 -0.28 0.00	35.51 -0.29 0.00	38.76 -0.31 0.00	43.56 -0.31 0.00	45.40 -0.41 0.28	46.81 -0.43 0.45	48.79 -0.46 2.30	49.46 -0.41 1.27	54.68 -0.39 0.25	50.72 -0.47 0.81	45.41 -0.41 0.14	50.83 -0.57 0.65	51.37 -0.63 0.16	51.13 -0.62 0.13	54.38 -0.61 0.36	77.78 -0.73 2.21	74.25 -0.69 1.51	59.98 -0.49 1.30	52.70 -0.60 0.91	41.19 -0.63 0.25	39.81 -0.44 0.00
TIANA___69_KV_BK 1 55817	51.50 5.88 -0.02	47.31 5.55 0.00	42.33 4.55 -0.18	39.38 4.25 0.00	39.98 4.19 0.00	43.84 4.77 0.00	49.52 5.66 0.00	52.59 6.50 0.00	58.35 6.87 -3.79	61.35 7.27 -2.53	61.40 6.85 -3.40	72.05 7.30 -9.44	89.31 6.50 -30.81	108.85 6.30 -56.58	145.29 7.29 -85.95	268.10 7.30 -208.64	285.58 7.37 -226.32	285.55 7.86 -222.33	341.25 11.06 -249.48	295.77 10.09 -209.23	240.44 8.46 -170.21	111.26 7.37 -49.68	62.01 5.51 -14.42	53.32 4.59 -8.49
TILDEN___115KV_TB1 80814	45.55 -0.05 0.00	41.63 -0.13 0.00	37.23 -0.15 0.21	34.99 -0.14 0.00	36.29 -0.14 -0.64	40.37 -0.16 -1.45	45.43 -0.13 -1.70	47.14 -0.18 -1.22	47.15 -0.24 0.30	48.84 -0.26 2.45	49.72 -0.26 1.17	55.15 -0.22 -0.06	51.11 -0.31 0.58	45.68 -0.32 -0.04	51.25 -0.42 0.38	51.89 -0.47 -0.21	51.61 -0.47 -0.18	55.35 -0.39 -0.39	81.86 -0.32 -1.46	76.44 -0.31 -0.29	61.11 -0.19 0.47	53.22 -0.33 0.66	41.47 -0.42 0.18	39.93 -0.32 0.00
TRIGEN___CC 323695	49.99 4.38 -0.02	46.02 4.26 0.00	41.32 3.53 -0.18	38.43 3.30 0.00	39.02 3.22 0.00	42.79 3.71 0.00	48.21 4.34 0.00	51.12 5.02 0.00	56.68 5.20 -3.79	59.80 5.72 -2.53	60.43 5.88 -3.40	71.67 6.91 -9.44	89.47 6.66 -30.81	136.19 6.07 -84.15	197.36 6.92 -138.39	267.74 6.94 -208.64	285.06 6.85 -226.32	284.99 7.31 -222.33	340.52 10.33 -249.48	294.32 8.64 -209.23	238.34 6.36 -170.21	109.58 5.69 -49.68	60.91 4.42 -14.42	52.12 3.38 -8.49
TRINITY___115KV___ 4 BK 55933	46.83 1.23 0.00	43.09 1.34 0.00	38.77 1.17 0.00	36.18 1.05 0.00	36.90 1.11 0.00	40.29 1.21 0.00	45.18 1.32 0.00	47.48 1.38 0.00	48.93 1.24 0.00	52.74 1.19 0.00	52.32 1.18 0.00	56.64 1.33 0.00	53.30 1.30 0.00	47.80 1.10 -0.73	53.70 1.20 -0.45	61.17 1.41 -7.61	54.79 1.35 -1.55	58.33 1.66 -1.32	82.98 2.26 0.00	78.21 1.76 0.00	63.06 1.30 0.00	55.40 1.19 0.00	43.17 1.09 0.00	41.10 0.85 0.00
UNION___PROCESSING_DRP 323587	43.82 -1.78 0.00	39.08 -2.21 0.46	34.81 -2.03 0.76	32.72 -1.97 0.44	30.82 -1.97 3.00	30.74 -2.15 6.19	34.38 -2.24 7.25	36.97 -2.40 6.73	43.81 -2.48 1.41	41.44 -2.78 7.33	46.94 -2.81 1.39	52.50 -3.21 -0.39	49.87 -3.12 -0.99	41.60 -2.62 1.75	45.34 -3.23 3.49	46.20 -3.29 2.67	46.37 -3.27 2.25	48.15 -3.38 3.83	57.37 -4.44 18.91	62.98 -3.98 9.49	53.68 -3.03 5.06	49.19 -2.87 2.14	38.87 -2.61 0.60	38.28 -1.97 0.00
UPPER HUDSON___HYD 24058	48.65 3.06 0.00	44.51 2.76 0.00	40.04 2.44 0.00	37.27 2.14 0.00	38.12 2.33 0.00	41.77 2.69 0.00	46.93 3.07 0.00	49.27 3.18 0.00	50.75 3.06 0.00	54.75 3.20 0.00	54.26 3.12 0.00	58.69 3.37 0.00	54.70 2.70 0.00	48.81 2.16 -0.68	54.71 2.24 -0.42	62.67 2.71 -7.81	55.86 2.64 -1.32	59.47 3.04 -1.08	85.89 5.17 0.00	81.11 4.66 0.00	65.41 3.64 0.00	57.51 3.31 0.00	44.30 2.23 0.00	42.42 2.17 0.00
UPPER RAQUET___HYD 24056	43.64 -1.96 0.00	39.92 -1.84 0.00	35.91 -1.69 0.00	33.55 -1.58 0.00	34.15 -1.65 0.00	37.16 -1.91 0.00	41.10 -2.76 0.00	43.24 -2.86 0.00	44.93 -2.81 -0.05	48.29 -3.45 -0.19	47.90 -3.32 -0.08	51.53 -3.93 -0.14	48.10 -3.90 0.00	42.34 -3.63 0.00	48.04 -4.01 0.00	48.13 -4.17 -0.15	48.05 -3.84 0.00	50.87 -4.48 0.00	75.64 -5.08 0.00	72.40 -4.05 0.00	59.42 -2.35 0.00	51.98 -2.22 0.00	40.39 -1.68 0.00	38.96 -1.29 0.00
VALLEY44_115KV_TB2 355964	43.84 -1.73 0.03	29.39 -1.71 10.65	26.61 -1.65 9.34	24.29 -1.58 9.26	24.42 -1.54 9.83	26.89 -1.52 10.66	31.47 -1.40 11.00	32.73 -1.48 11.89	36.58 -2.24 8.87	35.87 -2.17 13.52	35.48 -2.25 13.41	36.99 -1.83 16.50	34.44 -1.66 15.89	32.10 -1.43 12.45	30.69 -1.82 19.54	33.23 -1.83 17.10	33.95 -1.92 16.02	37.57 -1.66 16.13	49.14 -2.34 29.24	59.24 -2.75 14.46	51.82 -2.66 7.29	46.02 -1.79 6.40	38.67 -1.85 1.55	36.95 -3.30 0.00
VALLEY___115KV_TB 1-4 80826	46.28 0.68 0.00	42.38 0.63 0.00	38.20 0.60 0.00	35.65 0.53 0.00	36.33 0.54 0.00	39.70 0.63 0.00	44.65 0.79 0.00	46.97 0.88 0.00	48.36 0.67 0.00	52.07 0.52 0.00	51.50 0.36 0.00	55.87 0.55 0.00	52.31 0.31 0.00	46.02 0.05 0.00	52.21 0.16 0.00	52.05 -0.10 0.00	51.73 -0.16 0.00	55.19 -0.17 0.00	81.04 0.32 0.00	76.83 0.38 0.00	62.26 0.49 0.00	54.70 0.49 0.00	42.66 0.59 0.00	40.81 0.56 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.97 2.37 0.00	44.08 2.17 -0.15	40.16 1.92 -0.64	36.99 1.72 -0.15	38.32 1.83 -0.70	42.53 2.07 -1.38	47.80 2.32 -1.61	50.07 2.72 -1.25	50.78 2.81 -0.27	62.12 3.04 -7.53	56.52 2.92 -2.47	58.99 3.71 0.04	54.79 3.07 0.27	50.04 2.21 -1.86	56.59 2.91 -1.62	58.71 2.61 -3.94	57.83 2.39 -3.56	61.12 2.49 -3.28	87.47 4.44 -2.31	81.19 3.98 -0.77	65.01 3.27 0.03	56.75 2.87 0.33	44.04 2.06 0.09	41.86 1.61 0.00
VISCHER___FERRY HYD 24020	47.56 1.96 0.00	43.59 1.84 0.00	39.29 1.69 0.00	36.64 1.51 0.00	37.41 1.61 0.00	40.87 1.80 0.00	45.79 1.93 0.00	48.17 2.08 0.00	49.70 2.00 0.00	53.72 2.16 0.00	53.14 1.99 0.00	57.58 2.27 0.00	54.13 2.13 0.00	49.20 1.79 -1.44	54.93 1.98 -0.90	62.22 2.24 -7.82	56.84 2.13 -2.82	60.24 2.49 -2.39	84.43 3.72 0.00	79.59 3.14 0.00	64.17 2.41 0.00	56.38 2.17 0.00	43.71 1.64 0.00	41.70 1.45 0.00
V_A_10_SYNC_DSASP 323832	41.57 -4.01 0.02	29.25 -4.43 8.08	26.64 -4.02 6.94	24.25 -3.79 7.08	23.61 -3.79 8.39	24.89 -4.14 10.05	28.39 -4.52 10.96	29.56 -4.79 11.74	33.70 -5.15 8.84	33.46 -5.52 12.57	32.11 -5.52 13.51	32.98 -6.03 16.31	30.38 -5.62 16.00	29.79 -4.83 11.35	26.56 -5.62 19.87	29.03 -5.63 17.49	32.76 -5.60 13.52	35.64 -5.81 13.90	43.32 -8.15 29.24	54.24 -7.80 14.41	48.39 -6.12 7.27	42.35 -5.47 6.38	35.86 -4.71 1.50	36.51 -3.74 0.00
V_CMM_10_SYNC_DSASP 323787	44.91 -0.68 0.00	41.13 -0.63 0.00	37.04 -0.56 0.00	34.64 -0.49 0.00	35.22 -0.57 0.00	38.45 -0.63 0.00	43.16 -0.70 0.00	45.36 -0.74 0.00	47.07 -0.62 0.00	50.88 -0.67 0.00	50.53 -0.61 0.00	54.15 -1.16 0.00	51.17 -0.83 0.00	45.23 -0.74 0.00	51.16 -0.88 0.00	51.22 -0.94 0.00	51.11 -0.78 0.00	54.03 -1.33 0.00	78.86 -1.86 0.00	75.07 -1.38 0.00	60.90 -0.86 0.00	53.50 -0.70 0.00	41.74 -0.34 0.00	40.01 -0.24 0.00
V_CMP_10_SYNC_DSASP 323788	45.42 -0.18 0.00	41.55 -0.21 0.00	37.41 -0.19 0.00	34.99 -0.14 0.00	35.58 -0.21 0.00	38.88 -0.20 0.00	43.82 -0.04 0.00	46.14 0.05 0.00	47.98 0.29 0.00	51.81 0.26 0.00	51.40 0.26 0.00	55.20 -0.11 0.00	51.89 -0.10 0.00	45.79 -0.18 0.00	51.79 -0.26 0.00	51.79 -0.37 0.00	51.79 -0.10 0.00	55.13 -0.22 0.00	80.80 0.08 0.00	77.14 0.69 0.00	62.57 0.80 0.00	54.86 0.65 0.00	42.62 0.55 0.00	40.81 0.56 0.00

V_D_10_SYNC_DSASP 323841	45.05 -0.55 0.00	41.22 -0.54 0.00	37.11 -0.49 0.00	34.67 -0.46 0.00	35.29 -0.50 0.00	38.53 -0.55 0.00	43.16 -0.70 0.00	45.36 -0.74 0.00	47.12 -0.57 0.00	50.88 -0.67 0.00	50.48 -0.66 0.00	54.26 -1.05 0.00	51.11 -0.88 0.00	45.14 -0.83 0.00	51.06 -0.99 0.00	51.11 -1.04 0.00	51.01 -0.88 0.00	54.14 -1.22 0.00	79.26 -1.45 0.00	75.53 -0.92 0.00	61.27 -0.49 0.00	53.72 -0.49 0.00	41.82 -0.25 0.00	40.09 -0.16 0.00
V_E_10_SYNC_DSASP 323830	48.52 2.92 0.00	45.94 2.51 -1.68	41.46 2.18 -1.68	38.51 1.93 -1.45	40.73 2.18 -2.75	46.12 2.62 -4.43	51.83 2.98 -4.98	53.95 3.36 -4.49	52.66 3.20 -1.77	59.94 2.99 -5.40	55.53 2.35 -2.03	60.43 3.21 -1.91	55.31 2.18 -1.13	49.72 0.97 -2.79	56.15 1.67 -2.44	57.66 1.30 -4.20	58.14 1.25 -5.01	62.33 1.55 -5.43	94.02 4.68 -8.62	85.15 4.89 -3.81	67.26 4.45 -1.05	58.27 3.52 -0.53	44.48 2.31 -0.09	42.10 1.85 0.00
V_F_30_NSYNC___DSASP 323816	48.24 2.64 0.00	44.26 2.51 0.00	39.82 2.22 0.00	37.09 1.97 0.00	37.91 2.11 0.00	41.46 2.38 0.00	46.45 2.59 0.00	48.77 2.67 0.00	50.27 2.58 0.00	54.23 2.68 0.00	53.80 2.66 0.00	58.19 2.88 0.00	54.44 2.44 0.00	48.77 2.02 -0.78	54.72 2.19 -0.49	62.52 2.56 -7.81	56.09 2.54 -1.66	59.67 2.93 -1.38	85.40 4.68 0.00	80.65 4.20 0.00	65.04 3.27 0.00	57.13 2.93 0.00	44.13 2.06 0.00	42.10 1.85 0.00
V_F_30_SYNC_DSASP 323786	47.01 1.41 0.00	43.22 1.46 0.00	38.88 1.28 0.00	36.29 1.16 0.00	37.01 1.22 0.00	40.44 1.37 0.00	45.36 1.49 0.00	47.66 1.57 0.00	49.08 1.38 0.00	52.94 1.39 0.00	52.52 1.38 0.00	56.92 1.60 0.00	53.45 1.46 0.00	47.87 1.20 -0.71	53.79 1.30 -0.44	61.37 1.56 -7.65	54.90 1.50 -1.51	58.47 1.83 -1.29	83.30 2.58 0.00	78.51 2.06 0.00	63.25 1.48 0.00	55.56 1.36 0.00	43.29 1.22 0.00	41.22 0.97 0.00
V_XM_10_SYNC_DSASP 323789	45.42 -0.18 0.00	41.55 -0.21 0.00	37.41 -0.19 0.00	34.99 -0.14 0.00	35.58 -0.21 0.00	38.88 -0.20 0.00	43.82 -0.04 0.00	46.14 0.05 0.00	47.98 0.29 0.00	51.81 0.26 0.00	51.40 0.26 0.00	55.20 -0.11 0.00	51.89 -0.10 0.00	45.79 -0.18 0.00	51.79 -0.26 0.00	51.79 -0.37 0.00	51.79 -0.10 0.00	55.13 -0.22 0.00	80.80 0.08 0.00	77.14 0.69 0.00	62.57 0.80 0.00	54.86 0.65 0.00	42.62 0.55 0.00	40.81 0.56 0.00
W.BABYLN_69_KV_BK1 56697	51.31 5.70 -0.02	47.14 5.39 0.00	42.22 4.44 -0.18	39.27 4.15 0.00	39.87 4.08 0.00	43.73 4.65 0.00	49.39 5.53 0.00	52.36 6.27 0.00	58.07 6.58 -3.79	61.09 7.01 -2.53	61.50 6.96 -3.40	72.66 7.91 -9.44	90.25 7.44 -30.81	116.53 6.94 -63.62	159.41 8.02 -99.34	268.78 7.98 -208.64	286.20 7.99 -226.32	286.27 8.58 -222.33	342.38 12.19 -249.48	296.23 10.55 -209.23	239.94 7.97 -170.21	110.88 6.99 -49.68	61.88 5.39 -14.42	53.16 4.43 -8.49
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.06 3.47 0.00	45.14 3.38 0.00	40.68 2.90 -0.19	37.83 2.70 0.00	38.44 2.65 0.00	42.16 3.09 0.00	47.37 3.51 0.00	50.11 4.01 0.00	52.01 4.20 -0.12	59.05 4.90 -2.60	56.75 5.11 -0.49	60.90 5.92 0.34	71.59 5.67 -13.92	91.37 5.15 -40.25	125.30 5.93 -67.31	122.66 5.89 -64.61	152.25 5.86 -94.49	136.33 6.31 -74.67	103.63 8.80 -14.12	83.71 7.26 0.00	67.08 5.31 0.00	58.87 4.66 0.00	45.69 3.62 0.00	42.91 2.66 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	49.56 3.97 0.00	45.68 3.93 0.00	41.09 3.31 -0.18	38.22 3.09 0.00	38.84 3.04 0.00	42.55 3.48 0.00	47.86 3.99 0.00	50.84 4.75 0.00	52.92 4.96 -0.26	59.92 5.83 -2.54	61.34 5.93 -4.27	64.83 6.80 -2.71	67.15 6.50 -8.65	77.79 5.98 -25.85	98.43 6.92 -39.45	98.40 6.78 -39.46	118.08 6.75 -59.44	110.29 7.14 -47.80	98.49 9.93 -7.84	84.55 8.10 0.00	67.57 5.81 0.00	59.52 5.31 0.00	46.15 4.08 0.00	43.23 2.98 0.00
W50THST__13_KV_LOAD 356117	49.98 4.38 0.00	46.02 4.26 0.00	41.39 3.61 -0.18	38.50 3.37 0.00	39.09 3.29 0.00	42.87 3.79 0.00	48.25 4.39 0.00	51.30 5.21 0.00	53.30 5.34 -0.26	60.54 6.44 -2.54	61.86 6.44 -4.27	65.44 7.41 -2.71	67.67 7.02 -8.65	78.34 6.53 -25.85	99.10 7.60 -39.45	99.03 7.41 -39.46	118.65 7.32 -59.44	111.01 7.86 -47.80	99.46 10.90 -7.84	85.39 8.94 0.00	68.19 6.42 0.00	60.01 5.80 0.00	46.53 4.46 0.00	43.51 3.26 0.00
WADING RIVER_IC_1 23522	51.40 5.79 -0.02	47.07 5.30 -0.01	42.22 4.43 -0.18	39.20 4.07 0.00	39.84 4.04 0.00	43.80 4.73 0.00	49.53 5.66 0.00	52.51 6.41 -0.01	58.21 6.73 -3.79	60.63 6.55 -2.53	61.15 6.60 -3.40	71.61 6.86 -9.44	88.79 5.98 -30.81	108.27 5.75 -56.56	144.62 6.66 -85.90	267.58 6.78 -208.64	285.00 6.80 -226.31	285.00 7.31 -222.34	340.45 10.25 -249.48	295.00 9.32 -209.23	240.00 8.03 -170.21	110.99 7.10 -49.68	61.92 5.43 -14.42	53.48 4.75 -8.49
WADING RIVER_IC_2 23547	51.40 5.79 -0.02	47.07 5.30 -0.01	42.22 4.43 -0.18	39.20 4.07 0.00	39.84 4.04 0.00	43.80 4.73 0.00	49.53 5.66 0.00	52.51 6.41 -0.01	58.21 6.73 -3.79	60.63 6.55 -2.53	61.15 6.60 -3.40	71.61 6.86 -9.44	88.79 5.98 -30.81	108.27 5.75 -56.56	144.62 6.66 -85.90	267.58 6.78 -208.64	285.00 6.80 -226.31	285.00 7.31 -222.34	340.45 10.25 -249.48	295.00 9.32 -209.23	240.00 8.03 -170.21	110.99 7.10 -49.68	61.92 5.43 -14.42	53.48 4.75 -8.49
WADING RIVER_IC_3 23601	51.40 5.79 -0.02	47.07 5.30 -0.01	42.22 4.43 -0.18	39.20 4.07 0.00	39.84 4.04 0.00	43.80 4.73 0.00	49.53 5.66 0.00	52.51 6.41 -0.01	58.21 6.73 -3.79	60.63 6.55 -2.53	61.15 6.60 -3.40	71.61 6.86 -9.44	88.79 5.98 -30.81	108.27 5.75 -56.56	144.62 6.66 -85.90	267.58 6.78 -208.64	285.00 6.80 -226.31	285.00 7.31 -222.34	340.45 10.25 -249.48	295.00 9.32 -209.23	240.00 8.03 -170.21	110.99 7.10 -49.68	61.92 5.43 -14.42	53.48 4.75 -8.49
WALDENNY_12_KV_BK2 80841	41.87 -3.69 0.03	24.94 -3.93 12.89	23.02 -3.53 11.05	20.55 -3.37 11.21	20.30 -3.33 12.16	22.03 -3.56 13.48	26.08 -3.77 14.01	27.14 -3.92 15.03	33.05 -4.29 10.35	33.30 -4.49 13.77	32.04 -4.60 14.50	30.91 -4.76 19.65	28.99 -4.47 18.53	26.88 -3.91 15.19	23.71 -4.74 23.61	26.34 -4.85 20.96	27.28 -4.98 19.63	30.47 -5.04 19.85	37.23 -7.26 36.22	51.85 -6.88 17.72	47.42 -5.62 8.73	42.05 -4.66 7.49	36.18 -4.04 1.86	36.31 -3.94 0.00
WALDEN___HYDRO 24148	49.02 3.42 0.00	45.06 3.30 0.00	40.61 2.82 -0.19	37.76 2.63 0.00	38.37 2.58 0.00	42.08 3.01 0.00	47.24 3.38 0.00	49.97 3.87 0.00	51.83 4.01 -0.13	58.83 4.64 -2.64	56.74 4.76 -0.84	60.73 5.48 0.07	66.23 5.25 -8.98	78.62 4.73 -27.91	102.01 5.47 -44.49	101.78 5.53 -44.09	122.44 5.50 -65.05	113.26 5.98 -51.93	98.14 8.39 -9.03	83.41 6.96 0.00	66.89 5.13 0.00	58.65 4.45 0.00	45.48 3.41 0.00	42.79 2.54 0.00
WARRENSBURG____ 23737	48.65 3.06 0.00	44.60 2.84 0.00	40.08 2.48 0.00	37.34 2.21 0.00	38.16 2.36 0.00	41.81 2.74 0.00	46.94 3.07 0.00	49.28 3.18 0.00	50.75 3.05 0.00	54.70 3.14 0.00	54.26 3.12 0.00	58.69 3.37 0.00	54.70 2.70 0.00	48.81 2.16 -0.68	54.71 2.24 -0.42	62.67 2.71 -7.81	56.03 2.70 -1.44	59.61 3.04 -1.21	85.88 5.17 0.00	81.11 4.66 0.00	65.41 3.64 0.00	57.51 3.31 0.00	44.30 2.23 0.00	42.38 2.13 0.00

WATERSIDE___6 8 9 23538	49.47 3.88 0.00	45.60 3.84 0.00	41.01 3.23 -0.18	38.18 3.06 0.00	38.76 2.97 0.00	42.47 3.40 0.00	47.72 3.86 0.00	50.70 4.61 0.00	52.81 4.86 -0.25	59.65 5.57 -2.53	60.86 5.78 -3.94	64.35 6.58 -2.45	66.80 6.24 -8.56	77.33 5.56 -25.80	97.75 6.30 -39.40	97.97 6.42 -39.40	117.58 6.33 -59.36	121.86 6.59 -59.91	97.75 9.20 -7.83	83.71 7.26 0.00	67.02 5.25 0.00	59.36 5.15 0.00	46.07 4.00 0.00	43.11 2.86 0.00
WATKINRD_115KV_LN8_ILLION 55919	46.74 1.14 0.00	42.80 1.04 0.00	38.58 0.98 0.00	36.01 0.88 0.00	36.69 0.89 0.00	40.13 1.06 0.00	45.14 1.27 0.00	47.43 1.34 0.00	48.79 1.10 0.00	52.48 0.93 0.00	51.86 0.72 0.00	56.26 0.94 0.00	52.62 0.62 0.00	46.25 0.28 0.00	52.52 0.47 0.00	52.26 0.10 0.00	51.89 0.00 0.00	55.41 0.06 0.00	81.44 0.73 0.00	77.21 0.76 0.00	62.63 0.86 0.00	55.07 0.87 0.00	43.04 0.97 0.00	41.22 0.97 0.00
WDELAWARE___HYD 323627	49.25 3.65 0.00	45.02 3.26 0.00	40.76 2.93 -0.23	37.87 2.74 0.00	38.41 2.61 0.00	42.16 3.09 0.00	47.46 3.60 0.00	50.15 4.06 0.00	51.90 4.05 -0.16	59.38 4.69 -3.14	56.98 4.81 -1.03	60.84 5.58 0.06	57.23 5.25 0.02	55.63 4.51 -5.15	60.52 5.25 -3.21	64.35 5.27 -6.93	68.17 5.30 -10.99	71.27 5.93 -9.99	89.27 8.55 0.00	83.41 6.96 0.00	67.08 5.31 0.00	58.70 4.50 0.00	45.52 3.45 0.00	43.03 2.78 0.00
WEST BABYLON___IC 23714	51.31 5.70 -0.02	47.14 5.39 0.00	42.22 4.44 -0.18	39.27 4.15 0.00	39.87 4.08 0.00	43.73 4.65 0.00	49.39 5.53 0.00	52.36 6.27 0.00	58.07 6.58 -3.79	61.09 7.01 -2.53	61.50 6.96 -3.40	72.66 7.91 -9.44	90.25 7.44 -30.81	116.53 6.94 -63.62	159.41 8.02 -99.34	268.78 7.98 -208.64	286.20 7.99 -226.32	286.27 8.58 -222.33	342.38 12.19 -249.48	296.23 10.55 -209.23	239.94 7.97 -170.21	110.88 6.99 -49.68	61.88 5.39 -14.42	53.16 4.43 -8.49
WEST CANADA___HYD 24049	45.83 0.23 0.00	41.97 0.21 0.00	37.79 0.19 0.00	35.30 0.18 0.00	35.97 0.18 0.00	39.31 0.24 0.00	44.13 0.26 0.00	46.37 0.28 0.00	47.98 0.29 0.00	51.86 0.31 0.00	51.40 0.26 0.00	55.70 0.39 0.00	52.31 0.31 0.00	46.20 0.23 0.00	52.36 0.31 0.00	52.47 0.31 0.00	52.15 0.26 0.00	55.69 0.33 0.00	81.29 0.57 0.00	76.83 0.38 0.00	62.08 0.31 0.00	54.48 0.27 0.00	42.28 0.21 0.00	40.45 0.20 0.00
WESTERN_NY_WIND 24143	42.80 -2.78 0.02	31.03 -3.13 7.59	28.10 -2.86 6.64	25.77 -2.74 6.62	24.77 -2.72 8.30	25.62 -2.97 10.48	29.51 -3.07 11.29	30.94 -3.32 11.84	37.59 -3.77 6.33	35.52 -4.23 11.81	14.09 -4.35 32.71	16.64 -4.81 33.87	8.35 -4.52 39.13	29.95 -3.86 12.16	21.52 -4.68 25.85	24.63 -4.85 22.67	35.09 -4.67 12.13	37.45 -4.76 13.14	45.01 -6.38 29.33	56.08 -5.96 14.41	49.94 -4.57 7.26	44.83 -4.23 5.15	36.93 -3.74 1.39	37.07 -3.18 0.00
WESTOVER___LESR 323668	46.19 0.59 0.00	42.61 0.50 -0.35	39.91 0.38 -1.94	35.81 0.35 -0.34	37.65 0.39 -1.47	42.40 0.47 -2.85	47.85 0.61 -3.37	49.43 0.65 -2.68	49.53 0.52 -1.31	76.09 0.62 -23.92	58.77 0.66 -6.96	55.30 0.89 0.90	50.97 0.73 1.76	48.33 0.60 -1.76	54.53 0.68 -1.80	56.21 0.63 -3.43	55.62 0.57 -3.16	59.00 0.77 -2.87	87.22 1.37 -5.13	79.43 1.15 -1.84	62.76 0.86 -0.12	54.47 0.70 0.44	42.18 0.25 0.15	40.21 -0.04 0.00
WETHRSFD_WT_PWR 323626	42.09 -3.42 0.09	4.50 -3.51 33.75	6.20 -3.23 28.17	2.92 -2.99 29.23	2.90 -2.93 29.96	4.69 -2.97 31.42	8.56 -3.29 32.02	7.40 -3.27 35.42	16.37 -3.53 27.80	23.76 -3.81 23.98	28.30 -3.94 18.91	12.24 -4.26 38.82	15.80 -4.00 32.20	7.92 -3.54 34.51	1.08 -4.27 46.70	5.14 -4.38 42.64	-0.53 -4.36 48.06	2.19 -4.43 48.74	-2.84 -5.81 77.75	33.04 -5.51 37.90	40.25 -4.20 17.31	32.64 -3.52 18.05	34.57 -3.16 4.35	37.03 -3.22 0.00
WHAVSTOR_138KV_BK127 55557	48.84 3.24 0.00	44.97 3.22 0.00	40.53 2.74 -0.19	37.69 2.56 0.00	38.30 2.51 0.00	42.01 2.93 0.00	47.16 3.29 0.00	49.88 3.78 0.00	51.82 4.01 -0.12	58.78 4.64 -2.59	56.43 4.81 -0.48	60.56 5.59 0.34	70.54 5.36 -13.19	89.43 4.96 -38.50	121.73 5.67 -64.01	119.47 5.69 -61.62	147.80 5.60 -90.30	132.78 5.98 -71.45	102.49 8.39 -13.38	83.33 6.88 0.00	66.77 5.00 0.00	58.60 4.39 0.00	45.52 3.45 0.00	42.79 2.54 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.84 3.24 0.00	44.97 3.22 0.00	40.53 2.74 -0.19	37.69 2.56 0.00	38.30 2.51 0.00	42.01 2.93 0.00	47.16 3.29 0.00	49.88 3.78 0.00	51.82 4.01 -0.12	58.78 4.64 -2.59	56.43 4.81 -0.48	60.56 5.59 0.34	70.54 5.36 -13.19	89.43 4.96 -38.50	121.73 5.67 -64.01	119.47 5.69 -61.62	147.80 5.60 -90.30	132.78 5.98 -71.45	102.49 8.39 -13.38	83.33 6.88 0.00	66.77 5.00 0.00	58.60 4.39 0.00	45.52 3.45 0.00	42.79 2.54 0.00
WHITEHAL_115KV_TB1 80871	49.61 4.01 0.00	45.47 3.72 0.00	40.87 3.27 0.00	37.97 2.85 0.00	38.91 3.11 0.00	42.71 3.63 0.00	47.99 4.12 0.00	50.24 4.15 0.00	51.75 4.05 0.00	55.63 4.07 0.00	55.18 4.04 0.00	59.57 4.26 0.00	55.38 3.38 0.00	49.32 2.62 -0.73	55.31 2.81 -0.45	63.41 3.44 -7.81	56.91 3.48 -1.55	60.80 4.15 -1.29	87.82 7.10 0.00	83.02 6.57 0.00	66.96 5.19 0.00	58.82 4.61 0.00	45.14 3.07 0.00	43.11 2.86 0.00
WHITEPLN_13_KV_LOAD 356215	49.66 4.06 0.00	45.68 3.93 0.00	41.13 3.35 -0.18	38.22 3.09 0.00	38.84 3.04 0.00	42.63 3.56 0.00	47.90 4.04 0.00	50.75 4.66 0.00	52.71 4.91 -0.10	59.82 5.77 -2.50	57.33 5.98 -0.20	61.69 6.91 0.54	66.95 7.02 -7.93	79.01 6.76 -26.29	100.64 7.81 -40.78	100.63 7.82 -40.65	120.68 7.68 -61.11	112.68 8.25 -49.07	99.84 10.98 -8.14	85.70 9.25 0.00	68.56 6.79 0.00	59.90 5.69 0.00	46.20 4.12 0.00	43.31 3.06 0.00
WM_FLOYD_69_KV_BK2 356380	51.50 5.88 -0.02	47.31 5.55 0.00	42.37 4.59 -0.18	39.38 4.25 0.00	39.98 4.19 0.00	43.88 4.81 0.00	49.57 5.70 0.00	52.55 6.45 0.00	58.26 6.77 -3.79	61.25 7.17 -2.53	61.30 6.75 -3.40	72.00 7.25 -9.44	89.31 6.50 -30.81	108.91 6.25 -56.69	145.49 7.29 -86.15	268.10 7.30 -208.64	285.58 7.37 -226.32	285.60 7.92 -222.33	341.33 11.14 -249.48	295.69 10.01 -209.23	240.13 8.15 -170.21	111.04 7.16 -49.68	61.96 5.47 -14.42	53.28 4.55 -8.49
WOODARD__115KV_TB2 355635	45.28 -0.32 0.00	41.38 -0.38 0.00	37.06 -0.34 0.20	34.81 -0.32 0.00	36.05 -0.32 -0.58	39.99 -0.39 -1.31	45.00 -0.39 -1.53	46.69 -0.51 -1.10	46.93 -0.52 0.24	48.86 -0.57 2.13	49.57 -0.56 1.01	54.93 -0.55 -0.17	50.85 -0.62 0.52	45.43 -0.55 -0.02	51.02 -0.68 0.35	51.57 -0.73 -0.15	51.24 -0.78 -0.13	54.95 -0.72 -0.31	81.15 -0.89 -1.32	75.87 -0.84 -0.27	60.73 -0.62 0.42	52.96 -0.65 0.60	41.23 -0.67 0.17	39.77 -0.48 0.00
YORK___WARBASSE 23770	49.76 4.15 -0.01	45.86 4.09 -0.01	41.29 3.50 -0.19	38.40 3.27 -0.01	39.02 3.22 -0.01	42.72 3.63 -0.01	48.04 4.17 -0.01	50.99 4.89 -0.01	53.15 5.20 -0.26	59.97 5.88 -2.55	61.30 6.09 -4.07	64.78 6.91 -2.55	67.18 6.60 -8.58	77.51 5.75 -25.80	98.01 6.56 -39.40	98.29 6.73 -39.41	117.95 6.69 -59.37	195.62 6.92 -133.35	98.24 9.69 -7.83	84.25 7.80 0.00	67.33 5.56 0.00	59.74 5.53 -0.01	46.33 4.25 -0.01	43.40 3.14 -0.01