

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/20/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	51.85	49.76	48.00	47.11	48.60	48.20	56.56	62.09	65.02	54.16	61.71	55.73	56.29	57.25	59.21	64.77	74.30	80.99	72.81	69.27	64.20	65.01	57.07	56.67
24138	2.98	2.64	2.50	2.24	2.27	2.30	3.00	3.40	3.33	2.82	3.71	3.40	3.53	3.64	3.82	3.95	4.99	5.30	5.02	4.99	4.06	3.80	3.78	3.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.50	0.00	0.00	0.00	-0.27	-5.26	-9.18	-0.01	-0.33
74TH STREET_GT_1	51.95	49.85	48.09	47.24	48.74	48.33	56.72	62.21	65.14	54.26	61.82	55.83	56.39	57.35	59.32	64.94	74.44	81.14	72.94	69.34	64.31	65.17	57.18	56.83
24260	3.08	2.73	2.59	2.38	2.41	2.43	3.16	3.52	3.45	2.93	3.83	3.51	3.64	3.75	3.93	4.13	5.13	5.45	5.15	5.06	4.17	3.95	3.89	3.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.50	0.00	0.00	0.00	-0.27	-5.26	-9.18	-0.01	-0.33
74TH STREET_GT_2	51.95	49.85	48.09	47.24	48.74	48.33	56.72	62.21	65.14	54.26	61.82	55.83	56.39	57.35	59.32	64.94	74.44	81.14	72.94	69.34	64.31	65.17	57.18	56.83
24261	3.08	2.73	2.59	2.38	2.41	2.43	3.16	3.52	3.45	2.93	3.83	3.51	3.64	3.75	3.93	4.13	5.13	5.45	5.15	5.06	4.17	3.95	3.89	3.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.50	0.00	0.00	0.00	-0.27	-5.26	-9.18	-0.01	-0.33
ADK HUDSON___FALLS	50.97	49.38	47.59	46.97	48.69	48.38	56.24	61.91	64.52	53.39	60.37	54.37	54.86	55.75	57.94	64.60	72.71	79.48	71.38	67.68	64.33	66.33	56.11	56.18
24011	2.10	2.26	2.09	2.11	2.36	2.48	2.68	3.23	2.84	2.05	2.38	2.04	2.11	2.14	2.55	2.87	3.40	3.78	3.59	3.33	2.80	2.71	2.82	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.42	0.00	0.00	0.00	-0.35	-6.65	-11.59	-0.01	-0.42
ADK RESOURCE___RCVRY	51.17	49.57	47.77	47.11	48.83	48.52	56.40	62.21	64.77	53.54	60.43	54.47	55.02	55.85	58.05	64.77	72.91	79.78	71.65	67.87	64.50	66.49	56.27	56.33
23798	2.30	2.45	2.27	2.24	2.50	2.62	2.84	3.52	3.08	2.21	2.44	2.15	2.27	2.25	2.66	3.04	3.60	4.08	3.86	3.52	2.96	2.86	2.98	3.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.43	0.00	0.00	0.00	-0.35	-6.65	-11.60	-0.01	-0.42
ADK S GLENS___FALLS	50.97	49.38	47.59	46.97	48.69	48.38	56.24	61.91	64.52	53.39	60.37	54.37	54.86	55.75	57.94	64.60	72.71	79.48	71.38	67.68	64.33	66.33	56.11	56.18
24028	2.10	2.26	2.09	2.11	2.36	2.48	2.68	3.23	2.84	2.05	2.38	2.04	2.11	2.14	2.55	2.87	3.40	3.78	3.59	3.33	2.80	2.71	2.82	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.42	0.00	0.00	0.00	-0.35	-6.65	-11.59	-0.01	-0.42
ADK_NYS___DAM	51.56	49.66	47.95	47.24	48.74	48.33	56.34	61.85	64.83	53.90	61.18	55.25	55.76	56.71	58.72	65.06	73.40	80.23	72.06	68.44	64.80	66.52	56.70	56.53
23527	2.69	2.54	2.46	2.38	2.41	2.43	2.78	3.17	3.14	2.57	3.19	2.93	3.01	3.11	3.32	3.50	4.09	4.54	4.27	4.10	3.52	3.33	3.41	3.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.26	0.00	0.00	0.00	-0.33	-6.40	-11.16	-0.01	-0.41
AIR_PRODUCTS___DRP	50.24	48.53	46.86	46.21	47.67	47.32	54.69	59.86	62.80	52.15	59.56	53.74	54.28	54.89	56.83	63.12	71.04	77.43	69.62	66.13	62.82	64.65	55.10	55.26
24190	1.37	1.41	1.36	1.35	1.34	1.42	1.12	1.17	1.11	0.82	1.57	1.41	1.53	1.29	1.44	1.55	1.73	1.74	1.83	1.79	1.54	1.46	1.81	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.26	0.00	0.00	0.00	-0.33	-6.40	-11.16	-0.01	-0.41
AKWESSNE_115KV_BK	49.02	47.35	45.73	45.04	46.56	46.18	53.94	59.33	62.49	52.21	58.87	53.22	53.60	54.30	56.17	58.00	70.07	76.30	68.13	64.39	55.21	52.56	53.76	53.22
355683	0.15	0.24	0.23	0.18	0.23	0.28	0.37	0.65	0.80	0.87	0.87	0.89	0.84	0.70	0.78	0.69	0.76	0.61	0.34	0.38	0.33	0.52	0.48	0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.77	49.05	47.37	46.66	48.19	47.74	55.54	60.86	63.66	52.66	59.73	53.89	54.44	55.37	57.38	63.69	72.01	78.64	70.64	66.90	63.45	65.18	55.74	55.78
323833	1.90	1.93	1.87	1.80	1.86	1.84	1.98	2.17	1.97	1.33	1.74	1.57	1.69	1.77	1.99	2.18	2.70	2.95	2.85	2.56	2.25	2.13	2.45	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.20	0.00	0.00	0.00	-0.33	-6.32	-11.01	-0.01	-0.40
ALBANY_2_SOLAR	50.77	49.00	47.32	46.66	48.19	47.74	55.54	60.86	63.66	52.66	59.73	53.89	54.44	55.32	57.38	63.69	71.94	78.64	70.57	66.90	63.40	65.13	55.74	55.78
323834	1.90	1.89	1.82	1.80	1.86	1.84	1.98	2.17	1.97	1.33	1.74	1.57	1.69	1.71	1.99	2.18	2.63	2.95	2.78	2.56	2.20	2.08	2.45	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.20	0.00	0.00	0.00	-0.33	-6.32	-11.01	-0.01	-0.40
ALBANY___1	50.24	48.53	46.86	46.21	47.67	47.32	54.69	59.86	62.80	52.15	59.56	53.74	54.28	54.89	56.83	63.12	71.04	77.43	69.62	66.13	62.82	64.65	55.10	55.26
23571	1.37	1.41	1.36	1.35	1.34	1.42	1.12	1.17	1.11	0.82	1.57	1.41	1.53	1.29	1.44	1.55	1.73	1.74	1.83	1.79	1.54	1.46	1.81	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.26	0.00	0.00	0.00	-0.33	-6.40	-11.16	-0.01	-0.41

ALBANY___2 23572	50.24 1.37 0.00	48.53 1.41 0.00	46.86 1.36 0.00	46.21 1.35 0.00	47.67 1.34 0.00	47.32 1.42 0.00	54.69 1.12 0.00	59.86 1.17 0.00	62.80 1.11 0.00	52.15 0.82 0.00	59.56 1.57 0.00	53.74 1.41 0.00	54.28 1.53 0.00	54.89 1.29 0.00	56.83 1.44 0.00	63.12 1.55 -4.26	71.04 1.73 0.00	77.43 1.74 0.00	69.62 1.83 0.00	66.13 1.79 -0.33	62.82 1.54 -6.40	64.65 1.46 -11.16	55.10 1.81 -0.01	55.26 2.06 -0.41
ALBANY___3 23573	50.24 1.37 0.00	48.53 1.41 0.00	46.86 1.36 0.00	46.21 1.35 0.00	47.67 1.34 0.00	47.32 1.42 0.00	54.69 1.12 0.00	59.86 1.17 0.00	62.80 1.11 0.00	52.15 0.82 0.00	59.56 1.57 0.00	53.74 1.41 0.00	54.28 1.53 0.00	54.89 1.29 0.00	56.83 1.44 0.00	63.12 1.55 -4.26	71.04 1.73 0.00	77.43 1.74 0.00	69.62 1.83 0.00	66.13 1.79 -0.33	62.82 1.54 -6.40	64.65 1.46 -11.16	55.10 1.81 -0.01	55.26 2.06 -0.41
ALBANY___4 23574	50.24 1.37 0.00	48.53 1.41 0.00	46.86 1.36 0.00	46.21 1.35 0.00	47.67 1.34 0.00	47.32 1.42 0.00	54.69 1.12 0.00	59.86 1.17 0.00	62.80 1.11 0.00	52.15 0.82 0.00	59.56 1.57 0.00	53.74 1.41 0.00	54.28 1.53 0.00	54.89 1.29 0.00	56.83 1.44 0.00	63.12 1.55 -4.26	71.04 1.73 0.00	77.43 1.74 0.00	69.62 1.83 0.00	66.13 1.79 -0.33	62.82 1.54 -6.40	64.65 1.46 -11.16	55.10 1.81 -0.01	55.26 2.06 -0.41
ALBANY___LFGE 323615	50.33 1.46 0.00	48.58 1.46 0.00	46.96 1.46 0.00	46.26 1.39 0.00	47.77 1.44 0.00	47.33 1.42 0.00	55.01 1.45 0.00	60.39 1.70 0.00	63.29 1.60 0.00	52.56 1.23 0.00	60.03 2.03 0.00	54.16 1.83 0.00	54.71 1.95 0.00	55.37 1.77 0.00	57.33 1.94 0.00	63.64 2.06 -4.28	71.67 2.36 0.00	78.19 2.49 0.00	70.23 2.44 0.00	66.71 2.37 -0.33	63.34 2.03 -6.43	65.16 1.93 -11.20	55.58 2.29 -0.01	55.74 2.53 -0.41
ALCOA_PA_115KV_PL-6C 55860	49.41 0.54 0.00	47.73 0.61 0.00	46.09 0.59 0.00	45.45 0.58 0.00	46.93 0.60 0.00	46.54 0.64 0.00	54.47 0.91 0.00	59.80 1.11 0.00	63.04 1.36 0.00	52.62 1.28 0.00	59.33 1.33 0.00	53.63 1.31 0.00	53.86 1.11 0.00	54.73 1.13 0.00	56.56 1.17 0.00	58.39 1.09 0.00	70.49 1.18 0.00	76.75 1.06 0.00	68.54 0.75 0.00	64.71 0.71 0.00	55.54 0.66 0.00	52.92 0.88 0.00	54.19 0.90 0.00	53.64 0.84 0.00
ALCOA_RYNLDS___DRP 24188	49.41 0.54 0.00	47.73 0.61 0.00	46.09 0.59 0.00	45.45 0.58 0.00	46.93 0.60 0.00	46.54 0.64 0.00	54.36 0.80 0.00	59.80 1.12 0.00	63.04 1.36 0.00	52.62 1.28 0.00	59.33 1.33 0.00	53.63 1.31 0.00	54.02 1.27 0.00	54.73 1.13 0.00	56.56 1.16 0.00	58.40 1.09 0.00	70.49 1.18 0.00	76.75 1.06 0.00	68.53 0.75 0.00	64.71 0.70 0.00	55.54 0.66 0.00	52.92 0.88 0.00	54.19 0.91 0.00	53.64 0.84 0.00
ALCOA___DSASP 323711	49.41 0.54 0.00	47.73 0.61 0.00	46.09 0.59 0.00	45.45 0.58 0.00	46.93 0.60 0.00	46.54 0.64 0.00	54.36 0.80 0.00	59.80 1.12 0.00	63.04 1.36 0.00	52.62 1.28 0.00	59.33 1.33 0.00	53.63 1.31 0.00	54.02 1.27 0.00	54.73 1.13 0.00	56.56 1.16 0.00	58.40 1.09 0.00	70.49 1.18 0.00	76.75 1.06 0.00	68.53 0.75 0.00	64.71 0.70 0.00	55.54 0.66 0.00	52.92 0.88 0.00	54.19 0.91 0.00	53.64 0.84 0.00
ALLEGHENY___COGEN 23514	49.50 0.63 0.00	47.68 0.57 0.00	45.95 0.45 0.00	45.71 0.85 0.00	47.53 1.20 0.00	46.96 1.06 0.00	54.79 1.23 0.00	59.21 0.53 0.00	62.06 0.37 0.00	50.92 -0.41 0.00	55.96 -2.03 0.00	50.02 -2.30 0.00	50.01 -2.75 -18.22	69.15 -2.68 -15.19	65.65 -4.93 -34.08	86.69 -4.70 -41.23	105.69 -4.85 -44.97	116.50 -4.16 -40.61	104.26 -4.14 -38.36	98.07 -4.29 -34.88	86.30 -3.46 -31.58	79.77 -3.85 -31.58	57.01 -2.02 -5.75	51.27 -1.58 -0.06
ALTAMONT_115KV_TB 2 55880	50.14 1.27 0.00	48.34 1.23 0.00	46.68 1.18 0.00	46.03 1.17 0.00	47.49 1.16 0.00	47.05 1.15 0.00	54.74 1.18 0.00	59.98 1.29 0.00	62.92 1.23 0.00	52.31 0.98 0.00	59.50 1.51 0.00	53.69 1.36 0.00	54.18 1.42 0.00	54.99 1.39 0.00	56.89 1.50 0.00	63.16 1.60 -4.24	71.18 1.87 0.00	77.66 1.97 0.00	69.69 1.90 0.00	66.19 1.86 -0.33	62.85 1.59 -6.38	64.66 1.51 -11.12	54.94 1.65 -0.01	54.89 1.69 -0.40
ALTONA_WT_PWR 323606	48.19 -0.68 0.00	46.55 -0.56 0.00	44.96 -0.54 0.00	44.28 -0.58 0.00	45.82 -0.51 0.00	45.44 -0.46 0.00	53.35 -0.21 0.00	58.98 0.29 0.00	62.67 0.98 0.00	52.62 1.28 0.00	59.45 1.45 0.00	53.79 1.46 0.00	54.07 1.32 0.00	54.94 1.34 0.00	56.78 1.39 0.00	58.63 1.32 0.00	70.70 1.39 0.00	76.67 0.98 0.00	68.20 0.41 0.00	64.26 0.26 0.00	55.10 0.22 0.00	52.40 0.37 0.00	53.44 0.16 0.00	52.80 0.00 0.00
AMERICAN_REF_FUEL 24010	46.33 -2.54 0.00	44.53 -2.59 0.00	42.95 -2.55 0.00	42.76 -2.11 0.00	44.25 -2.08 0.00	43.24 -2.66 0.00	49.12 -4.44 0.00	51.58 -7.10 0.00	54.28 -7.40 0.00	45.22 -6.11 0.00	49.59 -8.41 0.00	44.32 -8.00 0.00	44.31 -8.44 0.00	41.73 -7.72 4.16	43.44 -8.53 3.42	41.14 -8.54 7.62	50.25 -9.63 9.43	55.64 -9.76 10.29	49.62 -8.88 9.29	46.43 -8.83 8.75	40.27 -7.46 7.15	37.98 -7.29 6.77	45.04 -6.93 1.32	45.78 -7.07 -0.05
ARKWRIGHT___SUMMIT_WT_PWR 323751	46.48 -2.39 0.00	44.76 -2.35 0.00	42.91 -2.59 0.00	43.25 -1.61 0.00	45.22 -1.11 0.00	44.53 -1.38 0.00	51.53 -2.04 0.00	54.46 -4.23 0.00	56.69 -4.99 0.00	46.87 -4.47 0.00	51.38 -6.61 0.00	45.94 -6.39 0.00	45.00 -7.75 0.00	42.15 -7.61 3.84	43.82 -8.37 3.20	41.72 -8.37 7.22	51.05 -9.57 8.69	56.52 -9.69 9.48	50.62 -8.61 8.56	47.07 -8.89 8.04	40.09 -8.40 6.39	37.43 -8.38 6.23	44.40 -7.67 1.21	44.99 -7.87 -0.06
ARTHUR KILL_GT_1 23520	52.54 3.67 0.00	50.42 3.30 0.00	48.64 3.14 0.00	47.69 2.83 0.00	49.20 2.87 0.00	48.75 2.85 0.00	57.26 3.70 0.00	62.79 4.11 0.00	65.76 4.07 0.00	54.46 3.13 0.00	61.59 3.60 0.00	55.52 3.19 0.00	56.02 3.27 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.82 4.01 -3.50	74.23 4.92 0.00	80.99 5.30 0.00	72.74 4.95 0.00	69.14 4.86 -0.27	64.20 4.06 -5.26	65.07 3.85 -9.18	57.12 3.84 -0.01	56.77 3.64 -0.33
ARTHUR_KILL_2 23512	52.40 3.52 -0.01	50.37 3.25 -0.01	48.60 3.10 -0.01	47.79 2.91 -0.01	49.16 2.83 -0.01	48.62 2.71 -0.01	57.05 3.48 -0.01	62.57 3.87 -0.01	65.58 3.89 -0.01	54.26 2.92 -0.01	61.43 3.42 -0.01	55.42 3.09 -0.01	55.98 3.22 -0.01	56.93 3.32 -0.01	58.89 3.49 -0.01	64.60 3.78 -3.51	74.03 4.72 -0.01	80.77 5.07 -0.01	72.47 4.67 -0.01	68.96 4.67 -0.28	64.05 3.90 -5.27	64.92 3.69 -9.19	56.97 3.67 -0.02	56.62 3.48 -0.34
ARTHUR_KILL_3 23513	51.41 2.54 0.00	49.38 2.26 0.00	47.68 2.18 0.00	46.84 1.97 0.00	48.28 1.95 0.00	47.78 1.88 0.00	56.08 2.52 0.00	61.56 2.87 0.00	64.40 2.71 0.00	53.69 2.36 0.00	61.24 3.25 0.00	55.31 2.98 0.00	56.03 3.27 0.00	56.87 3.27 0.00	58.83 3.44 0.00	64.42 3.61 -3.50	73.81 4.50 0.00	80.46 4.77 0.00	72.33 4.54 0.00	68.76 4.48 -0.27	63.82 3.68 -5.26	64.70 3.49 -9.18	56.70 3.41 -0.01	56.30 3.17 -0.33

ARTHUR_KILL_COGEN 323718	52.55 3.67 -0.01	50.52 3.39 -0.01	48.74 3.23 -0.01	47.92 3.05 -0.01	49.31 2.97 -0.01	48.76 2.85 -0.01	57.21 3.64 -0.01	62.80 4.11 -0.01	65.76 4.07 -0.01	54.42 3.08 -0.01	61.54 3.54 -0.01	55.53 3.19 -0.01	56.14 3.38 -0.01	57.04 3.43 -0.01	59.05 3.65 -0.01	64.77 3.95 -3.51	74.24 4.92 -0.01	81.08 5.37 -0.01	72.74 4.95 -0.01	69.15 4.86 -0.28	64.21 4.06 -5.27	65.07 3.85 -9.19	57.14 3.84 -0.02	56.78 3.64 -0.34
ASHOKAN____ 23654	51.56 2.69 0.00	49.75 2.64 0.00	47.91 2.41 0.00	47.20 2.33 0.00	48.78 2.45 0.00	48.29 2.39 0.00	56.34 2.78 0.00	61.33 2.64 0.00	64.28 2.59 0.00	52.51 1.18 0.00	58.98 0.98 0.00	53.11 0.79 0.00	53.86 1.11 0.00	55.26 1.66 0.00	57.22 1.83 0.00	62.10 0.86 -3.93	72.64 3.33 0.00	79.55 3.86 0.00	71.58 3.79 0.00	66.30 1.99 -0.31	62.38 1.59 -5.91	64.01 1.66 -10.31	56.11 2.82 -0.01	55.81 2.64 -0.37
ASTORIA_EAST_ENERGY_CC1 323581	51.66 2.78 -0.01	49.62 2.50 -0.01	47.92 2.41 -0.01	47.16 2.29 -0.01	48.52 2.18 -0.01	48.07 2.16 -0.01	56.41 2.84 -0.01	61.92 3.23 -0.01	64.90 3.21 -0.01	54.06 2.72 -0.01	61.72 3.72 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.89 4.07 -3.51	74.31 4.99 -0.01	81.08 5.37 -0.01	72.81 5.02 -0.01	69.41 5.12 -0.28	64.27 4.12 -5.27	65.07 3.85 -9.19	57.08 3.78 -0.02	56.68 3.54 -0.34
ASTORIA_EAST_ENERGY_CC2 323582	51.66 2.78 -0.01	49.62 2.50 -0.01	47.92 2.41 -0.01	47.16 2.29 -0.01	48.52 2.18 -0.01	48.07 2.16 -0.01	56.41 2.84 -0.01	61.92 3.23 -0.01	64.90 3.21 -0.01	54.06 2.72 -0.01	61.77 3.77 -0.01	55.84 3.51 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.89 4.07 -3.51	74.38 5.06 -0.01	81.08 5.37 -0.01	72.88 5.09 -0.01	69.41 5.12 -0.28	64.32 4.17 -5.27	65.07 3.85 -9.19	57.08 3.78 -0.02	56.73 3.59 -0.34
ASTORIA_GT2_1 24094	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
ASTORIA_GT2_2 24095	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
ASTORIA_GT2_3 24096	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
ASTORIA_GT2_4 24097	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
ASTORIA_GT3_1 24098	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
ASTORIA_GT3_2 24099	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
ASTORIA_GT3_3 24100	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
ASTORIA_GT3_4 24101	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
ASTORIA_GT4_1 24102	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
ASTORIA_GT4_2 24103	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
ASTORIA_GT4_3 24104	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33

ASTORIA_GT4_4 24105	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.95 3.27 0.00	54.10 2.77 0.00	61.77 3.77 0.00	55.83 3.51 0.00	56.39 3.64 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.40 5.12 -0.27	64.31 4.17 -5.26	65.07 3.85 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
ASTORIA_GT_1 23523	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.55 2.22 0.00	48.20 2.30 0.00	56.56 3.00 0.00	62.03 3.35 0.00	65.08 3.39 0.00	54.21 2.87 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.50 3.75 0.00	57.41 3.81 0.00	59.38 3.99 0.00	64.94 4.13 -3.50	74.51 5.20 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.53 5.25 -0.27	64.37 4.23 -5.26	65.17 3.95 -9.18	57.18 3.89 -0.01	56.77 3.64 -0.33
ASTORIA_GT_10 24110	52.00 3.13 0.00	49.90 2.78 0.00	48.14 2.64 0.00	47.29 2.42 0.00	48.79 2.46 0.00	48.38 2.48 0.00	56.72 3.16 0.00	62.21 3.52 0.00	65.14 3.45 0.00	54.31 2.98 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.45 3.69 0.00	57.41 3.81 0.00	59.38 3.99 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
ASTORIA_GT_11 24225	52.00 3.13 0.00	49.90 2.78 0.00	48.14 2.64 0.00	47.29 2.42 0.00	48.79 2.46 0.00	48.38 2.48 0.00	56.72 3.16 0.00	62.21 3.52 0.00	65.14 3.45 0.00	54.31 2.98 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.45 3.69 0.00	57.41 3.81 0.00	59.38 3.99 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
ASTORIA_GT_12 24226	52.00 3.13 0.00	49.90 2.78 0.00	48.14 2.64 0.00	47.29 2.42 0.00	48.79 2.46 0.00	48.38 2.48 0.00	56.72 3.16 0.00	62.21 3.52 0.00	65.14 3.45 0.00	54.31 2.98 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.45 3.69 0.00	57.41 3.81 0.00	59.38 3.99 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
ASTORIA_GT_13 24227	52.00 3.13 0.00	49.90 2.78 0.00	48.14 2.64 0.00	47.29 2.42 0.00	48.79 2.46 0.00	48.38 2.48 0.00	56.72 3.16 0.00	62.21 3.52 0.00	65.14 3.45 0.00	54.31 2.98 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.45 3.69 0.00	57.41 3.81 0.00	59.38 3.99 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
ASTORIA_GT_5 24106	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.55 2.22 0.00	48.20 2.30 0.00	56.56 3.00 0.00	62.03 3.35 0.00	65.08 3.39 0.00	54.21 2.87 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.50 3.75 0.00	57.41 3.81 0.00	59.38 3.99 0.00	64.94 4.13 -3.50	74.51 5.20 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.53 5.25 -0.27	64.37 4.23 -5.26	65.17 3.95 -9.18	57.18 3.89 -0.01	56.77 3.64 -0.33
ASTORIA_GT_7 24107	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.55 2.22 0.00	48.20 2.30 0.00	56.56 3.00 0.00	62.03 3.35 0.00	65.08 3.39 0.00	54.21 2.87 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.50 3.75 0.00	57.41 3.81 0.00	59.38 3.99 0.00	64.94 4.13 -3.50	74.51 5.20 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.53 5.25 -0.27	64.37 4.23 -5.26	65.17 3.95 -9.18	57.18 3.89 -0.01	56.77 3.64 -0.33
ASTORIA_GT_8 24108	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.55 2.22 0.00	48.20 2.30 0.00	56.56 3.00 0.00	62.03 3.35 0.00	65.08 3.39 0.00	54.21 2.87 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.50 3.75 0.00	57.41 3.81 0.00	59.38 3.99 0.00	64.94 4.13 -3.50	74.51 5.20 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.53 5.25 -0.27	64.37 4.23 -5.26	65.17 3.95 -9.18	57.18 3.89 -0.01	56.77 3.64 -0.33
ASTORIA___2 24149	51.66 2.78 -0.01	49.67 2.54 -0.01	47.96 2.46 -0.01	47.16 2.29 -0.01	48.56 2.22 -0.01	48.11 2.20 -0.01	56.41 2.84 -0.01	61.92 3.23 -0.01	64.96 3.27 -0.01	54.11 2.77 -0.01	61.77 3.77 -0.01	55.84 3.51 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.89 4.07 -3.51	74.38 5.06 -0.01	81.08 5.37 -0.01	72.88 5.09 -0.01	69.41 5.12 -0.28	64.32 4.17 -5.27	65.07 3.85 -9.19	57.08 3.78 -0.02	56.73 3.59 -0.34
ASTORIA___3 23516	52.01 3.13 -0.01	50.00 2.87 -0.01	48.24 2.73 -0.01	47.43 2.56 -0.01	48.88 2.55 -0.01	48.39 2.48 -0.01	56.73 3.16 -0.01	62.22 3.52 -0.01	65.15 3.45 -0.01	54.26 2.92 -0.01	61.89 3.89 -0.01	55.89 3.56 -0.01	56.56 3.80 -0.01	57.42 3.81 -0.01	59.39 3.99 -0.01	65.00 4.18 -3.51	74.45 5.13 -0.01	81.22 5.52 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.29 4.00 -0.02	56.89 3.75 -0.34
ASTORIA___4 23517	52.00 3.13 0.00	49.90 2.78 0.00	48.14 2.64 0.00	47.29 2.42 0.00	48.79 2.46 0.00	48.38 2.48 0.00	56.72 3.16 0.00	62.21 3.52 0.00	65.14 3.45 0.00	54.31 2.98 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.45 3.69 0.00	57.41 3.81 0.00	59.38 3.99 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
ASTORIA___5 23518	52.01 3.13 -0.01	50.00 2.87 -0.01	48.24 2.73 -0.01	47.43 2.56 -0.01	48.88 2.55 -0.01	48.39 2.48 -0.01	56.73 3.16 -0.01	62.22 3.52 -0.01	65.15 3.45 -0.01	54.26 2.92 -0.01	61.89 3.89 -0.01	55.89 3.56 -0.01	56.56 3.80 -0.01	57.42 3.81 -0.01	59.39 3.99 -0.01	65.00 4.18 -3.51	74.45 5.13 -0.01	81.22 5.52 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.29 4.00 -0.02	56.89 3.75 -0.34
AST_ENERGY_2_CC3 323677	45.61 2.78 6.04	45.61 2.54 4.05	45.61 2.46 2.34	45.61 2.24 1.50	45.61 2.18 2.90	45.61 2.11 2.40	45.61 2.73 10.68	45.61 3.05 16.13	45.61 2.90 18.98	45.61 2.46 8.19	61.42 3.42 0.00	55.52 3.19 0.00	56.18 3.43 0.00	57.03 3.43 0.00	58.99 3.60 0.00	64.59 3.78 -3.50	74.03 4.72 0.00	80.69 4.99 0.00	72.53 4.74 0.00	68.95 4.67 -0.27	63.98 3.84 -5.26	64.86 3.64 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
AST_ENERGY_2_CC4 323678	45.61 2.78 6.04	45.61 2.54 4.05	45.61 2.46 2.34	45.61 2.24 1.50	45.61 2.18 2.90	45.61 2.11 2.40	45.61 2.73 10.68	45.61 3.05 16.13	45.61 2.90 18.98	45.61 2.46 8.19	61.42 3.42 0.00	55.52 3.19 0.00	56.18 3.43 0.00	57.03 3.43 0.00	58.99 3.60 0.00	64.59 3.78 -3.50	74.03 4.72 0.00	80.69 4.99 0.00	72.53 4.74 0.00	68.95 4.67 -0.27	63.98 3.84 -5.26	64.86 3.64 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33

ATHENS_STG_1 23668	50.33 1.46 0.00	48.48 1.37 0.00	46.86 1.36 0.00	46.17 1.30 0.00	47.58 1.25 0.00	47.09 1.19 0.00	55.01 1.45 0.00	60.33 1.64 0.00	63.41 1.72 0.00	52.72 1.39 0.00	59.85 1.86 0.00	54.05 1.72 0.00	54.60 1.85 0.00	55.48 1.88 0.00	57.38 1.99 0.00	63.27 2.12 -3.84	71.67 2.36 0.00	78.19 2.49 0.00	70.16 2.37 0.00	66.67 2.37 -0.30	62.68 2.03 -5.77	64.03 1.93 -10.07	55.20 1.92 -0.01	55.01 1.85 -0.37
ATHENS_STG_2 23670	50.33 1.46 0.00	48.48 1.37 0.00	46.86 1.36 0.00	46.17 1.30 0.00	47.58 1.25 0.00	47.09 1.19 0.00	55.01 1.45 0.00	60.33 1.64 0.00	63.41 1.72 0.00	52.72 1.39 0.00	59.85 1.86 0.00	54.05 1.72 0.00	54.60 1.85 0.00	55.48 1.88 0.00	57.38 1.99 0.00	63.27 2.12 -3.84	71.67 2.36 0.00	78.19 2.49 0.00	70.16 2.37 0.00	66.67 2.37 -0.30	62.68 2.03 -5.77	64.03 1.93 -10.07	55.20 1.92 -0.01	55.01 1.85 -0.37
ATHENS_STG_3 23677	50.33 1.46 0.00	48.48 1.37 0.00	46.86 1.36 0.00	46.17 1.30 0.00	47.58 1.25 0.00	47.09 1.19 0.00	55.01 1.45 0.00	60.33 1.64 0.00	63.41 1.72 0.00	52.72 1.39 0.00	59.85 1.86 0.00	54.05 1.72 0.00	54.60 1.85 0.00	55.48 1.88 0.00	57.38 1.99 0.00	63.27 2.12 -3.84	71.67 2.36 0.00	78.19 2.49 0.00	70.16 2.37 0.00	66.67 2.37 -0.30	62.68 2.03 -5.77	64.03 1.93 -10.07	55.20 1.92 -0.01	55.01 1.85 -0.37
AUBURN____LFGE 323710	48.48 -0.39 0.00	46.69 -0.42 0.00	45.09 -0.41 0.00	44.59 -0.27 0.00	46.10 -0.23 0.00	45.58 -0.32 0.00	53.29 -0.27 0.00	58.10 -0.59 0.00	61.01 -0.68 0.00	50.67 -0.67 0.00	56.72 -1.28 0.00	51.07 -1.26 0.00	51.49 -1.27 0.00	52.26 -1.34 0.00	53.95 -1.44 0.00	56.68 -1.43 -0.80	67.79 -1.52 0.00	74.48 -1.21 0.00	66.64 -1.15 0.00	62.76 -1.28 -0.03	54.45 -1.10 -0.67	52.63 -1.25 -1.85	52.06 -1.23 0.00	51.73 -1.11 -0.04
BABYLON_RES_REC 323704	65.79 3.96 -12.97	59.27 3.72 -8.44	49.10 3.59 -0.01	48.33 3.45 -0.01	49.77 3.43 -0.01	50.61 3.40 -1.31	63.78 4.12 -6.10	69.30 4.46 -6.16	69.03 4.44 -2.90	55.04 3.70 -0.01	62.47 4.47 -0.01	56.47 4.13 -0.01	57.81 4.33 -0.73	57.95 4.34 -0.01	66.58 4.59 -6.60	71.04 4.93 -8.80	91.08 6.03 -15.74	110.84 6.36 -28.78	106.56 5.89 -32.88	96.85 5.76 -27.08	85.05 4.83 -25.34	76.03 4.58 -19.41	62.53 4.74 -4.51	57.63 4.49 -0.34
BALL_HILL_WT_PWR 323825	46.86 -2.01 0.00	45.05 -2.07 0.00	43.45 -2.05 0.00	43.47 -1.39 0.00	45.13 -1.20 0.00	44.25 -1.65 0.00	51.31 -2.25 0.00	54.34 -4.34 0.00	56.75 -4.94 0.00	47.07 -4.26 0.00	51.73 -6.26 0.00	46.20 -6.12 0.00	45.84 -6.91 0.00	41.65 -7.13 4.83	43.61 -7.76 4.03	40.45 -7.79 9.06	49.58 -8.80 10.92	54.92 -8.86 11.91	49.17 -7.86 10.76	45.70 -8.19 10.11	39.39 -7.25 8.25	36.85 -7.29 7.90	45.20 -6.56 1.52	46.10 -6.76 -0.06
BARON_WINDS____WT_PWR 323822	46.91 -1.96 0.00	45.14 -1.98 0.00	43.63 -1.87 0.00	43.52 -1.34 0.00	45.35 -0.98 0.00	44.89 -1.01 0.00	52.22 -1.34 0.00	55.99 -2.70 0.00	58.54 -3.14 0.00	48.46 -2.87 0.00	53.41 -4.58 0.00	47.93 -4.40 0.00	48.01 -4.75 0.00	18.12 -5.20 30.28	24.34 -5.82 25.24	-6.00 -5.96 57.35	-6.00 -6.79 68.52	-6.00 -6.96 74.73	-6.00 -6.30 67.49	-6.00 -6.40 63.61	-6.00 -5.43 55.45	-6.00 -5.41 52.62	38.93 -4.80 9.55	47.96 -4.91 -0.07
BARRETT_IC_1 23704	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT_IC_10 23701	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT_IC_11 23702	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT_IC_12 23703	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT_IC_2 23705	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT_IC_3 23706	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT_IC_4 23707	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT_IC_5 23708	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35

BARRETT_IC_6 23709	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT_IC_7 23710	64.52 3.08 -12.57	58.08 2.78 -8.18	48.47 2.96 -0.02	47.80 2.92 -0.02	49.22 2.87 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.63 3.29 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	56.94 3.48 -0.70	57.48 3.86 -0.02	65.55 3.77 -6.40	69.96 4.01 -8.64	89.29 4.71 -15.27	108.30 4.69 -27.91	104.08 4.41 -31.88	94.76 4.48 -26.27	83.62 4.01 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT_IC_8 23711	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT_IC_9 23700	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT___1 23545	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BARRETT___2 23546	64.52 3.08 -12.57	58.17 2.87 -8.18	48.61 3.10 -0.02	47.89 3.01 -0.02	49.27 2.92 -0.02	49.74 2.57 -1.27	62.63 3.16 -5.91	68.12 3.46 -5.97	67.89 3.39 -2.82	54.58 3.24 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.05 3.59 -0.70	57.48 3.86 -0.02	65.56 3.77 -6.40	69.96 4.01 -8.64	89.29 4.72 -15.27	108.30 4.69 -27.91	104.08 4.40 -31.88	94.75 4.48 -26.27	83.61 4.00 -24.73	74.94 3.80 -19.10	61.49 3.84 -4.37	57.11 3.96 -0.35
BATAVIA___115KV_TB1 55881	47.84 -1.03 0.00	45.89 -1.23 0.00	44.45 -1.05 0.00	44.10 -0.76 0.00	45.64 -0.69 0.00	44.39 -1.51 0.00	51.47 -2.09 0.00	54.75 -3.93 0.00	57.68 -4.01 0.00	47.79 -3.54 0.00	52.49 -5.51 0.00	47.04 -5.28 0.00	47.06 -5.70 0.00	45.42 -5.20 2.98	47.06 -5.87 2.46	46.18 -5.67 5.46	56.39 -6.17 6.75	62.57 -5.75 7.37	55.58 -5.56 6.65	52.06 -5.70 6.25	45.24 -4.72 4.92	42.35 -5.00 4.69	47.54 -4.80 0.94	48.30 -4.54 -0.05
BAYONEEC___CTG1 323682	51.65 2.78 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.11 2.24 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.34 2.78 0.00	61.85 3.17 0.00	64.77 3.08 0.00	53.90 2.57 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.23 3.48 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.01 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
BAYONEEC___CTG10 323750	51.65 2.78 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.11 2.24 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.34 2.78 0.00	61.85 3.17 0.00	64.77 3.08 0.00	53.90 2.57 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.23 3.48 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.01 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
BAYONEEC___CTG2 323683	51.65 2.78 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.11 2.24 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.34 2.78 0.00	61.85 3.17 0.00	64.77 3.08 0.00	53.90 2.57 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.23 3.48 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.01 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
BAYONEEC___CTG3 323684	51.65 2.78 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.11 2.24 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.34 2.78 0.00	61.85 3.17 0.00	64.77 3.08 0.00	53.90 2.57 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.23 3.48 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.01 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
BAYONEEC___CTG4 323685	51.65 2.78 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.11 2.24 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.34 2.78 0.00	61.85 3.17 0.00	64.77 3.08 0.00	53.90 2.57 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.23 3.48 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.01 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
BAYONEEC___CTG5 323686	51.65 2.78 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.11 2.24 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.34 2.78 0.00	61.85 3.17 0.00	64.77 3.08 0.00	53.90 2.57 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.23 3.48 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.01 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
BAYONEEC___CTG6 323687	51.65 2.78 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.11 2.24 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.34 2.78 0.00	61.85 3.17 0.00	64.77 3.08 0.00	53.90 2.57 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.23 3.48 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.01 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
BAYONEEC___CTG7 323688	51.65 2.78 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.11 2.24 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.34 2.78 0.00	61.85 3.17 0.00	64.77 3.08 0.00	53.90 2.57 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.23 3.48 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.01 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33

BAYONEEC___CTG8 323689	51.65 2.78 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.11 2.24 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.34 2.78 0.00	61.85 3.17 0.00	64.77 3.08 0.00	53.90 2.57 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.23 3.48 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.01 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
BAYONEEC___CTG9 323749	51.65 2.78 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.11 2.24 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.34 2.78 0.00	61.85 3.17 0.00	64.77 3.08 0.00	53.90 2.57 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.23 3.48 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.01 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
BEACON___LESR 323632	50.68 1.81 0.00	48.91 1.79 0.00	47.23 1.73 0.00	46.57 1.70 0.00	48.09 1.76 0.00	47.69 1.79 0.00	55.49 1.93 0.00	60.92 2.23 0.00	63.78 2.10 0.00	52.97 1.64 0.00	60.37 2.38 0.00	54.47 2.15 0.00	54.97 2.22 0.00	55.64 2.04 0.00	57.66 2.27 0.00	64.03 2.46 -4.26	72.15 2.84 0.00	78.80 3.10 0.00	70.84 3.05 0.00	67.22 2.88 -0.33	63.75 2.47 -6.40	65.48 2.29 -11.16	55.95 2.66 -0.01	56.05 2.85 -0.41
BEAVER RIVER___HYD 24048	49.02 0.15 0.00	47.35 0.24 0.00	45.77 0.27 0.00	45.04 0.18 0.00	46.56 0.23 0.00	46.23 0.32 0.00	54.15 0.59 0.00	59.80 1.11 0.00	63.11 1.42 0.00	52.36 1.03 0.00	59.04 1.05 0.00	53.16 0.83 0.00	53.39 0.64 0.00	54.35 0.75 0.00	56.06 0.67 0.00	57.72 0.29 -0.13	69.17 -0.14 0.00	75.84 0.15 0.00	67.72 -0.07 0.00	63.82 -0.19 -0.01	54.86 -0.22 -0.19	52.37 0.00 -0.34	53.49 0.21 0.00	53.02 0.21 -0.01
BEEBEE_GT_13 23619	47.60 -1.27 0.00	45.75 -1.37 0.00	44.23 -1.27 0.00	43.79 -1.08 0.00	45.22 -1.11 0.00	44.29 -1.61 0.00	51.69 -1.87 0.00	55.75 -2.93 0.00	58.66 -3.02 0.00	48.71 -2.62 0.00	54.11 -3.89 0.00	48.61 -3.72 0.00	48.80 -3.96 0.00	49.90 -3.70 0.00	51.13 -4.27 0.00	53.31 -4.13 -0.13	64.74 -4.57 0.00	71.46 -4.24 0.00	63.66 -4.14 0.00	59.88 -4.16 -0.03	52.09 -3.46 -0.66	48.92 -3.64 -0.53	49.50 -3.78 0.00	49.88 -2.96 -0.04
BENSHRST_27_KV_BENSHRST_1 355998	52.44 3.57 0.00	50.32 3.20 0.00	48.55 3.05 0.00	47.69 2.83 0.00	49.20 2.87 0.00	48.75 2.85 0.00	57.20 3.64 0.00	62.74 4.05 0.00	65.76 4.07 0.00	54.62 3.29 0.00	62.06 4.06 0.00	55.99 3.66 0.00	56.55 3.80 0.00	57.51 3.91 0.00	59.49 4.10 0.00	65.17 4.36 -3.50	74.79 5.48 0.00	81.60 5.90 0.00	73.28 5.44 0.00	69.72 5.44 -0.27	64.59 4.45 -5.26	65.43 4.21 -9.18	57.44 4.16 -0.01	57.09 3.96 -0.33
BETHLEHEM___GRP 23843	50.24 1.37 0.00	48.53 1.41 0.00	46.86 1.36 0.00	46.21 1.35 0.00	47.67 1.34 0.00	47.32 1.42 0.00	54.69 1.12 0.00	59.86 1.17 0.00	62.80 1.11 0.00	52.15 0.82 0.00	59.56 1.57 0.00	53.74 1.41 0.00	54.28 1.53 0.00	54.89 1.29 0.00	56.83 1.44 0.00	63.12 1.55 -4.26	71.04 1.73 0.00	77.43 1.74 0.00	69.62 1.83 0.00	66.13 1.79 -0.33	62.82 1.54 -6.40	64.65 1.46 -11.16	55.10 1.81 -0.01	55.26 2.06 -0.41
BETHLEHEM___GS1 323560	49.94 1.07 0.00	48.20 1.08 0.00	46.59 1.09 0.00	45.90 1.03 0.00	47.35 1.02 0.00	46.91 1.01 0.00	54.58 1.02 0.00	59.86 1.17 0.00	62.80 1.11 0.00	52.15 0.82 0.00	59.56 1.57 0.00	53.74 1.41 0.00	54.28 1.53 0.00	54.89 1.28 0.00	56.83 1.44 0.00	63.12 1.55 -4.26	71.04 1.73 0.00	77.51 1.81 0.00	69.62 1.83 0.00	66.13 1.79 -0.33	62.82 1.53 -6.40	64.65 1.45 -11.16	55.10 1.81 -0.01	55.32 2.11 -0.41
BETHLEHEM___GS2 323561	49.94 1.07 0.00	48.20 1.08 0.00	46.59 1.09 0.00	45.90 1.03 0.00	47.35 1.02 0.00	46.91 1.01 0.00	54.58 1.02 0.00	59.86 1.17 0.00	62.80 1.11 0.00	52.15 0.82 0.00	59.56 1.57 0.00	53.74 1.41 0.00	54.28 1.53 0.00	54.89 1.28 0.00	56.83 1.44 0.00	63.12 1.55 -4.26	71.04 1.73 0.00	77.51 1.81 0.00	69.62 1.83 0.00	66.13 1.79 -0.33	62.82 1.53 -6.40	64.65 1.45 -11.16	55.10 1.81 -0.01	55.32 2.11 -0.41
BETHLEHEM___GS3 323562	49.94 1.07 0.00	48.20 1.08 0.00	46.59 1.09 0.00	45.90 1.03 0.00	47.35 1.02 0.00	46.91 1.01 0.00	54.58 1.02 0.00	59.86 1.17 0.00	62.80 1.11 0.00	52.15 0.82 0.00	59.56 1.57 0.00	53.74 1.41 0.00	54.28 1.53 0.00	54.89 1.28 0.00	56.83 1.44 0.00	63.12 1.55 -4.26	71.04 1.73 0.00	77.51 1.81 0.00	69.62 1.83 0.00	66.13 1.79 -0.33	62.82 1.53 -6.40	64.65 1.45 -11.16	55.10 1.81 -0.01	55.32 2.11 -0.41
BETHLEHEM___STEEL 23779	46.96 -1.91 0.00	44.90 -2.21 0.00	43.59 -1.91 0.00	43.43 -1.44 0.00	44.99 -1.34 0.00	43.74 -2.16 0.00	50.78 -2.79 0.00	53.70 -4.99 0.00	56.32 -5.37 0.00	46.76 -4.57 0.00	51.27 -6.73 0.00	45.94 -6.38 0.00	45.84 -6.91 0.00	41.04 -7.34 5.22	43.07 -7.98 4.35	39.57 -7.97 9.77	48.41 -9.08 11.82	53.64 -9.16 12.89	47.81 -8.34 11.64	44.49 -8.58 10.94	38.60 -7.24 9.04	36.29 -7.13 8.61	45.29 -6.34 1.65	46.20 -6.65 -0.06
BETHLHEM_115KV_TB1 79974	50.24 1.37 0.00	48.48 1.37 0.00	46.86 1.36 0.00	46.16 1.30 0.00	47.63 1.30 0.00	47.28 1.38 0.00	54.69 1.12 0.00	59.86 1.17 0.00	62.86 1.17 0.00	52.21 0.87 0.00	59.56 1.57 0.00	53.74 1.41 0.00	54.23 1.48 0.00	54.94 1.34 0.00	56.89 1.50 0.00	63.17 1.60 -4.26	71.11 1.80 0.00	77.51 1.82 0.00	69.62 1.83 0.00	66.13 1.79 -0.33	62.87 1.59 -6.40	64.65 1.46 -11.15	55.10 1.81 -0.01	55.21 2.01 -0.41
BETHPAGE_CC_5 323564	66.19 3.67 -13.66	59.40 3.39 -8.88	48.83 3.32 -0.01	48.06 3.19 -0.01	49.49 3.15 -0.01	50.40 3.12 -1.38	63.63 3.64 -6.42	69.04 3.87 -6.48	68.70 3.95 -3.06	54.68 3.33 -0.01	62.07 4.06 -0.01	56.11 3.77 -0.01	57.53 4.01 -0.76	57.63 4.02 -0.01	66.49 4.16 -6.95	70.74 4.35 -9.08	91.23 5.34 -16.58	111.53 5.52 -30.32	107.57 5.15 -34.63	97.57 5.06 -28.51	85.57 4.28 -26.41	76.06 4.06 -19.96	62.24 4.21 -4.75	57.21 4.07 -0.34
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	47.01 -1.86 0.00	44.95 -2.17 0.00	43.68 -1.82 0.00	43.56 -1.30 0.00	45.13 -1.20 0.00	43.88 -2.02 0.00	50.99 -2.57 0.00	53.93 -4.75 0.00	56.57 -5.12 0.00	46.92 -4.41 0.00	51.44 -6.55 0.00	46.10 -6.23 0.00	46.00 -6.75 0.00	41.34 -7.34 4.92	43.37 -7.92 4.10	40.14 -7.97 9.20	49.09 -9.08 11.14	54.31 -9.23 12.15	48.41 -8.41 10.97	44.99 -8.70 10.31	39.07 -7.35 8.46	36.72 -7.23 8.09	45.49 -6.23 1.55	46.04 -6.81 -0.06
BINGHAMTON___COGEN 23790	48.67 -0.20 0.00	46.79 -0.33 0.00	45.23 -0.27 0.00	44.73 -0.13 0.00	46.19 -0.14 0.00	45.63 -0.28 0.00	53.35 -0.21 0.00	57.98 -0.70 0.00	60.76 -0.93 0.00	50.46 -0.87 0.00	56.55 -1.45 0.00	50.91 -1.41 0.00	51.28 -1.48 0.00	51.99 -1.61 0.00	53.67 -1.72 0.00	56.48 -1.72 -0.90	67.44 -1.87 0.00	73.95 -1.74 0.00	66.23 -1.56 0.00	62.43 -1.66 -0.09	55.06 -1.48 -1.66	52.99 -1.56 -2.51	51.90 -1.39 0.00	51.43 -1.48 -0.11

BIXINCNT_115KV_LOAD 355685	45.45 -3.42 0.00	43.54 -3.58 0.00	42.63 -2.87 0.00	43.07 -1.79 0.00	45.08 -1.25 0.00	44.20 -1.70 0.00	51.74 -1.82 0.00	54.93 -3.76 0.00	57.43 -4.26 0.00	47.38 -3.95 0.00	51.73 -6.26 0.00	46.10 -6.23 0.00	45.63 -7.12 0.00	42.02 -8.31 3.28	43.63 -9.03 2.73	41.94 -9.23 6.14	51.29 -10.60 7.42	56.25 -11.35 8.09	50.18 -10.30 7.31	46.47 -10.69 6.85	40.50 -9.06 5.33	37.94 -8.85 5.25	44.79 -7.46 1.03	44.15 -8.71 -0.06
BLACK RIVER___HYD 24047	49.50 0.63 0.00	47.87 0.75 0.00	46.32 0.82 0.00	45.49 0.63 0.00	47.03 0.70 0.00	46.68 0.78 0.00	54.79 1.23 0.00	60.33 1.64 0.00	63.48 1.79 0.00	52.62 1.28 0.00	59.10 1.10 0.00	53.21 0.89 0.00	53.39 0.64 0.00	54.41 0.81 0.00	56.28 0.88 0.00	58.18 0.69 -0.18	70.07 0.76 0.00	77.06 1.36 0.00	68.74 0.95 0.00	64.72 0.71 -0.01	55.65 0.49 -0.27	53.18 0.67 -0.47	53.92 0.64 0.00	53.45 0.64 -0.02
BLACKRVR_115KV_TB2 79977	49.51 0.64 0.00	47.87 0.75 0.00	46.32 0.82 0.00	45.49 0.63 0.00	47.02 0.69 0.00	46.68 0.78 0.00	54.74 1.18 0.00	60.33 1.64 0.00	63.47 1.79 0.00	52.62 1.28 0.00	59.10 1.10 0.00	53.22 0.89 0.00	53.39 0.63 0.00	54.41 0.80 0.00	56.28 0.89 0.00	58.18 0.69 -0.18	70.07 0.76 0.00	77.06 1.36 0.00	68.74 0.95 0.00	64.72 0.70 -0.01	55.65 0.49 -0.27	53.18 0.68 -0.47	53.92 0.64 0.00	53.45 0.63 -0.02
BLDWN_LI_69_KV_BK4 356085	67.69 3.62 -15.21	60.31 3.30 -9.89	48.79 3.28 -0.01	48.02 3.14 -0.01	49.45 3.10 -0.01	50.46 3.03 -1.53	64.41 3.70 -7.15	69.90 3.99 -7.22	69.10 4.01 -3.41	54.84 3.49 -0.01	62.24 4.23 -0.01	56.26 3.92 -0.01	57.61 4.01 -0.85	57.80 4.18 -0.01	67.39 4.27 -7.74	71.55 4.53 -9.71	93.32 5.54 -18.47	115.21 5.75 -33.76	111.71 5.36 -38.56	101.03 5.31 -31.72	88.25 4.56 -28.81	77.49 4.27 -21.18	62.94 4.37 -5.29	57.37 4.22 -0.35
BLISS_WT_PWR 323608	44.86 -4.01 0.00	43.21 -3.91 0.00	42.18 -3.32 0.00	42.89 -1.97 0.00	45.08 -1.25 0.00	44.57 -1.33 0.00	51.68 -1.88 0.00	54.93 -3.76 0.00	57.43 -4.26 0.00	47.38 -3.95 0.00	51.73 -6.26 0.00	45.94 -6.39 0.00	45.37 -7.39 0.00	41.69 -8.63 3.28	43.25 -9.42 2.73	41.54 -9.63 6.14	50.73 -11.16 7.42	55.49 -12.11 8.09	49.50 -10.98 7.31	45.70 -11.46 6.85	39.95 -9.60 5.33	37.47 -9.31 5.25	44.25 -7.99 1.03	43.88 -8.97 -0.06
BLUESTONE___WT_PWR 323821	50.14 1.27 0.00	48.39 1.27 0.00	46.82 1.32 0.00	46.17 1.30 0.00	47.81 1.48 0.00	47.46 1.56 0.00	55.76 2.20 0.00	61.33 2.64 0.00	64.46 2.78 0.00	53.49 2.16 0.00	59.91 1.91 0.00	53.79 1.46 0.00	53.97 1.21 0.00	54.78 1.18 0.00	56.83 1.44 0.00	60.59 1.55 -1.73	71.53 2.22 0.00	78.57 2.88 0.00	70.16 2.37 0.00	66.15 2.05 -0.10	58.34 1.64 -1.82	56.88 0.67 -4.17	53.97 0.69 0.00	53.55 0.64 -0.12
BLUE_CIRC_CHEM_DRP 24182	50.58 1.71 0.00	48.81 1.70 0.00	47.14 1.64 0.00	46.48 1.62 0.00	48.00 1.67 0.00	47.55 1.65 0.00	55.22 1.66 0.00	60.45 1.76 0.00	63.35 1.67 0.00	52.51 1.18 0.00	59.68 1.68 0.00	53.84 1.52 0.00	54.34 1.58 0.00	55.21 1.61 0.00	57.16 1.77 0.00	63.41 1.89 -4.21	71.60 2.29 0.00	78.11 2.42 0.00	70.16 2.37 0.00	66.57 2.24 -0.33	63.13 1.92 -6.33	64.89 1.82 -11.03	55.37 2.08 -0.01	55.36 2.16 -0.40
BOC_GAS_DRP 24189	50.04 1.17 0.00	48.30 1.18 0.00	46.64 1.14 0.00	45.94 1.08 0.00	47.40 1.07 0.00	47.00 1.10 0.00	54.69 1.12 0.00	59.86 1.17 0.00	62.86 1.17 0.00	52.26 0.92 0.00	59.45 1.45 0.00	53.63 1.31 0.00	54.13 1.37 0.00	54.94 1.34 0.00	56.83 1.44 0.00	63.10 1.55 -4.24	71.04 1.73 0.00	77.51 1.82 0.00	69.55 1.76 0.00	66.06 1.73 -0.33	62.80 1.54 -6.38	64.56 1.40 -11.12	54.89 1.60 -0.01	54.84 1.64 -0.40
BOONVILLE_115KV_TB1 79983	49.55 0.68 0.00	47.82 0.71 0.00	46.23 0.73 0.00	45.54 0.67 0.00	47.07 0.74 0.00	46.68 0.78 0.00	54.63 1.07 0.00	60.15 1.47 0.00	63.35 1.67 0.00	52.62 1.28 0.00	59.27 1.28 0.00	53.37 1.05 0.00	53.70 0.95 0.00	54.62 1.02 0.00	56.39 1.00 0.00	58.22 0.80 -0.11	70.14 0.83 0.00	76.83 1.14 0.00	68.67 0.88 0.00	64.78 0.77 -0.01	55.65 0.60 -0.16	52.95 0.62 -0.29	53.92 0.64 0.00	53.44 0.63 -0.01
BORALEX_4TH_BRANCH 23824	51.56 2.69 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.24 2.38 0.00	48.74 2.41 0.00	48.33 2.43 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.83 3.15 0.00	53.90 2.57 0.00	61.19 3.19 0.00	55.26 2.93 0.00	55.76 3.01 0.00	56.76 3.16 0.00	58.72 3.32 0.00	65.06 3.50 -4.26	73.40 4.09 0.00	80.23 4.54 0.00	72.06 4.27 0.00	68.43 4.10 -0.33	64.79 3.51 -6.40	66.52 3.33 -11.16	56.70 3.41 -0.01	56.53 3.33 -0.41
BOWLINE___1 23526	51.02 2.15 0.00	49.14 2.02 0.00	47.45 1.96 0.00	46.66 1.80 0.00	48.09 1.76 0.00	47.60 1.70 0.00	55.65 2.09 0.00	61.04 2.35 0.00	63.90 2.22 0.00	53.18 1.85 0.00	60.49 2.49 0.00	54.63 2.30 0.00	55.23 2.48 0.00	56.12 2.52 0.00	58.05 2.66 0.00	63.52 2.81 -3.40	72.71 3.40 0.00	79.40 3.71 0.00	71.24 3.46 0.00	67.72 3.45 -0.27	62.89 2.91 -5.11	63.70 2.76 -8.91	56.00 2.72 -0.01	55.71 2.59 -0.32
BOWLINE___2 23595	50.97 2.10 0.00	49.10 1.98 0.00	47.41 1.91 0.00	46.66 1.80 0.00	48.05 1.72 0.00	47.55 1.65 0.00	55.60 2.03 0.00	60.92 2.23 0.00	63.78 2.10 0.00	53.13 1.80 0.00	60.43 2.44 0.00	54.57 2.25 0.00	55.23 2.48 0.00	56.07 2.47 0.00	58.00 2.60 0.00	63.46 2.75 -3.40	72.64 3.33 0.00	79.25 3.56 0.00	71.18 3.39 0.00	67.66 3.39 -0.27	62.84 2.85 -5.11	63.60 2.65 -8.91	55.95 2.66 -0.01	55.66 2.53 -0.32
BRADY___115KV_TB2 356060	49.85 0.98 0.00	48.20 1.08 0.00	46.55 1.05 0.00	45.85 0.99 0.00	47.40 1.07 0.00	47.00 1.10 0.00	54.90 1.34 0.00	60.45 1.76 0.00	63.66 1.97 0.00	53.08 1.75 0.00	59.74 1.74 0.00	54.00 1.67 0.00	54.39 1.64 0.00	55.10 1.50 0.00	57.00 1.61 0.00	58.86 1.55 0.00	71.04 1.73 0.00	77.43 1.74 0.00	69.08 1.29 0.00	65.22 1.22 0.00	55.92 1.04 0.00	53.39 1.35 0.00	54.72 1.44 0.00	54.17 1.37 0.00
BRANSCOMB___SOLAR 323811	50.97 2.10 0.00	49.29 2.17 0.00	47.55 2.05 0.00	46.88 2.02 0.00	48.46 2.13 0.00	48.10 2.20 0.00	55.97 2.41 0.00	61.56 2.87 0.00	64.34 2.65 0.00	53.23 1.90 0.00	60.20 2.20 0.00	54.26 1.94 0.00	54.87 2.11 0.00	55.75 2.15 0.00	57.89 2.49 0.00	64.45 2.75 -4.40	72.57 3.26 0.00	79.33 3.63 0.00	71.24 3.46 0.00	67.55 3.20 -0.34	64.23 2.74 -6.61	66.15 2.60 -11.51	56.01 2.72 -0.01	56.01 2.80 -0.42
BRDGHMPT_69_KV_BK1 55812	66.60 5.82 -11.92	60.34 5.47 -7.75	50.74 5.23 -0.01	49.81 4.93 -0.01	51.44 5.10 -0.01	52.29 5.19 -1.20	65.48 6.32 -5.60	71.21 6.87 -5.66	71.20 6.85 -2.67	56.68 5.34 -0.01	64.33 6.32 -0.01	58.20 5.86 -0.01	59.43 6.01 -0.67	59.72 6.11 -0.01	67.60 6.15 -6.06	72.21 6.53 -8.37	91.69 7.90 -14.47	109.80 7.64 -26.46	104.99 6.98 -30.22	96.03 7.10 -24.92	84.52 5.93 -23.72	76.19 5.57 -18.59	63.77 6.34 -4.15	59.16 6.02 -0.34

BRENTWOD_69_KV_W. BRTWOOD 56703	65.36 4.40 -12.09	59.08 4.10 -7.86	49.42 3.91 -0.01	48.60 3.72 -0.01	50.09 3.75 -0.01	50.98 3.86 -1.22	63.90 4.66 -5.68	69.42 4.99 -5.74	69.39 5.00 -2.71	55.45 4.11 -0.01	62.94 4.93 -0.01	56.89 4.55 -0.01	58.18 4.75 -0.68	58.43 4.82 -0.01	66.58 5.04 -6.15	71.14 5.39 -8.44	90.64 6.65 -14.68	109.41 6.89 -26.83	104.88 6.44 -30.65	95.54 6.27 -25.26	84.13 5.27 -23.98	75.75 5.00 -18.72	62.71 5.22 -4.21	58.05 4.91 -0.34
BRISTLHL_115KV_TB1 79998	47.45 -1.42 0.00	45.75 -1.37 0.00	44.18 -1.32 0.00	43.61 -1.26 0.00	45.08 -1.25 0.00	44.62 -1.29 0.00	52.06 -1.50 0.00	56.87 -1.82 0.00	59.77 -1.91 0.00	49.64 -1.69 0.00	55.85 -2.15 0.00	50.34 -1.99 0.00	50.75 -2.00 0.00	51.62 -1.98 0.00	53.29 -2.10 0.00	55.47 -2.12 -0.28	66.82 -2.50 0.00	73.19 -2.50 0.00	65.55 -2.24 0.00	61.79 -2.24 -0.02	53.38 -1.92 -0.42	50.84 -1.93 -0.73	51.31 -1.97 0.00	50.92 -1.90 -0.03
BROOKHAVEN___DRP 24191	65.38 4.59 -11.91	59.11 4.24 -7.75	49.56 4.05 -0.01	48.69 3.81 -0.01	50.23 3.89 -0.01	51.14 4.04 -1.20	64.09 4.93 -5.60	69.63 5.28 -5.66	69.60 5.24 -2.67	55.50 4.16 -0.01	62.99 4.99 -0.01	57.04 4.71 -0.01	58.27 4.85 -0.67	58.54 4.93 -0.01	66.38 4.93 -6.06	70.95 5.27 -8.37	90.15 6.38 -14.47	108.20 6.06 -26.45	103.56 5.56 -30.21	94.67 5.76 -24.91	83.42 4.83 -23.71	75.15 4.53 -18.58	62.59 5.17 -4.15	58.00 4.86 -0.34
BROOKLYN_NAVY_YARD 23515	51.61 2.74 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.02 2.15 0.00	48.42 2.09 0.00	47.97 2.07 0.00	56.34 2.78 0.00	61.85 3.17 0.00	64.83 3.14 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.25 0.00	56.23 3.48 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.71 3.90 -3.50	74.09 4.78 0.00	80.84 5.15 0.00	72.67 4.88 0.00	69.08 4.80 -0.27	64.10 3.95 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.51 3.38 -0.33
BROOKLYN___ARMY_DRP 323595	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
BROOME_2_LFGE 323671	48.68 -0.19 0.00	46.88 -0.23 0.00	45.23 -0.27 0.00	44.77 -0.09 0.00	46.28 -0.05 0.00	45.72 -0.18 0.00	53.29 -0.27 0.00	57.99 -0.70 0.00	60.76 -0.92 0.00	50.51 -0.82 0.00	56.60 -1.39 0.00	50.92 -1.41 0.00	51.28 -1.48 0.00	51.99 -1.61 0.00	53.67 -1.72 0.00	56.49 -1.72 -0.90	67.44 -1.87 0.00	73.95 -1.74 0.00	66.23 -1.56 0.00	62.37 -1.73 -0.09	55.06 -1.48 -1.66	53.04 -1.51 -2.51	51.90 -1.39 0.00	51.43 -1.48 -0.11
BROOME___LFGE 323600	48.68 -0.19 0.00	46.88 -0.23 0.00	45.23 -0.27 0.00	44.77 -0.09 0.00	46.28 -0.05 0.00	45.72 -0.18 0.00	53.29 -0.27 0.00	57.99 -0.70 0.00	60.76 -0.92 0.00	50.51 -0.82 0.00	56.60 -1.39 0.00	50.92 -1.41 0.00	51.28 -1.48 0.00	51.99 -1.61 0.00	53.67 -1.72 0.00	56.49 -1.72 -0.90	67.44 -1.87 0.00	73.95 -1.74 0.00	66.23 -1.56 0.00	62.37 -1.73 -0.09	55.06 -1.48 -1.66	53.04 -1.51 -2.51	51.90 -1.39 0.00	51.43 -1.48 -0.11
BROWNFLS_115KV_TB 3_5 80003	49.11 0.24 0.00	47.49 0.38 0.00	45.86 0.36 0.00	45.18 0.31 0.00	46.70 0.37 0.00	46.31 0.41 0.00	54.20 0.64 0.00	59.80 1.12 0.00	63.10 1.42 0.00	52.51 1.18 0.00	59.16 1.16 0.00	53.42 1.10 0.00	53.70 0.95 0.00	54.51 0.91 0.00	56.28 0.89 0.00	57.91 0.52 -0.09	69.31 0.00 0.00	75.69 0.00 0.00	67.59 -0.20 0.00	63.76 -0.26 -0.01	54.79 -0.22 -0.13	52.42 0.16 -0.23	53.81 0.53 0.00	53.28 0.48 -0.01
BROWNSV1_27_KV_LOAD 356125	52.10 3.23 0.00	49.94 2.83 0.00	48.27 2.78 0.00	47.33 2.47 0.00	48.83 2.50 0.00	48.43 2.52 0.00	56.83 3.27 0.00	62.38 3.70 0.00	65.33 3.64 0.00	54.41 3.08 0.00	62.00 4.00 0.00	55.94 3.61 0.00	56.55 3.80 0.00	57.51 3.91 0.00	59.49 4.10 0.00	65.05 4.24 -3.50	74.72 5.41 0.00	81.45 5.75 0.00	73.21 5.42 0.00	69.59 5.31 -0.27	64.53 4.39 -5.26	65.32 4.11 -9.18	57.34 4.05 -0.01	56.98 3.85 -0.33
BURROWS___LYONSDAL 23803	49.36 0.49 0.00	47.64 0.52 0.00	46.05 0.55 0.00	45.36 0.49 0.00	46.89 0.56 0.00	46.50 0.60 0.00	54.42 0.86 0.00	60.10 1.41 0.00	63.29 1.60 0.00	52.56 1.23 0.00	59.21 1.22 0.00	53.32 0.99 0.00	53.65 0.90 0.00	54.57 0.96 0.00	56.28 0.89 0.00	57.99 0.57 -0.11	69.87 0.55 0.00	76.53 0.83 0.00	68.40 0.61 0.00	64.46 0.45 -0.01	55.38 0.33 -0.17	52.75 0.42 -0.30	53.76 0.48 0.00	53.28 0.48 -0.01
CAITHNESS_CC_1 323624	65.18 4.40 -11.91	59.01 4.15 -7.75	49.46 3.96 -0.01	48.64 3.77 -0.01	50.14 3.80 -0.01	50.91 3.81 -1.20	63.77 4.61 -5.60	69.33 4.99 -5.66	69.35 4.99 -2.67	55.35 4.01 -0.01	62.82 4.81 -0.01	56.84 4.50 -0.01	58.17 4.75 -0.67	58.33 4.72 -0.01	66.21 4.76 -6.06	70.84 5.16 -8.37	90.01 6.24 -14.46	108.19 6.06 -26.44	103.55 5.56 -30.20	94.60 5.69 -24.90	83.36 4.77 -23.70	75.09 4.48 -18.58	62.43 5.01 -4.14	57.89 4.75 -0.34
CALPINE BETH_PAGE_GT4 24209	67.04 3.71 -14.45	59.91 3.39 -9.40	48.79 3.28 -0.01	47.97 3.10 -0.01	49.49 3.15 -0.01	50.53 3.17 -1.46	64.05 3.70 -6.80	69.42 3.87 -6.86	68.81 3.89 -3.24	54.63 3.29 -0.01	62.07 4.06 -0.01	56.11 3.77 -0.01	57.47 3.90 -0.81	57.63 4.02 -0.01	66.73 3.99 -7.35	70.95 4.24 -9.41	92.06 5.20 -17.55	113.15 5.37 -32.08	109.52 5.08 -36.65	99.15 4.99 -30.15	86.74 4.23 -27.64	76.58 3.95 -20.59	62.41 4.10 -5.03	57.21 4.07 -0.35
CALPINE_BETH_PAGE_GT_4 323586	67.03 3.71 -14.45	60.01 3.49 -9.40	48.88 3.37 -0.01	48.11 3.23 -0.01	49.54 3.19 -0.01	50.52 3.16 -1.46	64.00 3.64 -6.80	69.42 3.87 -6.86	68.81 3.89 -3.24	54.63 3.29 -0.01	62.07 4.06 -0.01	56.11 3.77 -0.01	57.52 3.96 -0.81	57.58 3.97 -0.01	66.73 3.99 -7.35	70.95 4.24 -9.41	92.06 5.20 -17.55	113.23 5.45 -32.08	109.52 5.09 -36.65	99.15 5.00 -30.15	86.74 4.23 -27.64	76.57 3.95 -20.59	62.41 4.10 -5.03	57.21 4.07 -0.35
CALPINE_BP_GT1 23823	67.03 3.71 -14.45	60.01 3.49 -9.40	48.88 3.37 -0.01	48.11 3.23 -0.01	49.54 3.19 -0.01	50.52 3.16 -1.46	64.00 3.64 -6.80	69.42 3.87 -6.86	68.81 3.89 -3.24	54.63 3.29 -0.01	62.07 4.06 -0.01	56.11 3.77 -0.01	57.52 3.96 -0.81	57.58 3.97 -0.01	66.73 3.99 -7.35	70.95 4.24 -9.41	92.06 5.20 -17.55	113.23 5.45 -32.08	109.52 5.09 -36.65	99.15 5.00 -30.15	86.74 4.23 -27.64	76.57 3.95 -20.59	62.41 4.10 -5.03	57.21 4.07 -0.35
CALSPAN___DRP 24200	46.96 -1.91 0.00	44.90 -2.21 0.00	43.59 -1.91 0.00	43.43 -1.44 0.00	44.99 -1.34 0.00	43.74 -2.16 0.00	50.78 -2.79 0.00	53.70 -4.99 0.00	56.32 -5.37 0.00	46.76 -4.57 0.00	51.27 -6.73 0.00	45.94 -6.38 0.00	45.84 -6.91 0.00	41.04 -7.34 5.22	43.07 -7.98 4.35	39.57 -7.97 9.77	48.41 -9.08 11.82	53.64 -9.16 12.89	47.81 -8.34 11.64	44.49 -8.58 10.94	38.60 -7.24 9.04	36.29 -7.13 8.61	45.29 -6.34 1.65	46.20 -6.65 -0.06

CALVERTON___SOLAR 323806	65.62 4.84 -11.92	59.44 4.57 -7.75	49.92 4.41 -0.01	49.05 4.17 -0.01	50.55 4.22 -0.01	51.37 4.27 -1.20	64.31 5.14 -5.60	69.92 5.58 -5.66	69.91 5.55 -2.67	55.70 4.36 -0.01	63.23 5.22 -0.01	57.25 4.92 -0.01	58.54 5.12 -0.67	58.71 5.09 -0.01	66.55 5.09 -6.06	71.18 5.50 -8.37	90.37 6.59 -14.47	108.35 6.21 -26.45	103.70 5.70 -30.22	94.80 5.88 -24.91	83.53 4.94 -23.71	75.31 4.69 -18.59	62.81 5.38 -4.15	58.26 5.12 -0.34
CANDIGU_WT_PWR 323617	46.91 -1.96 0.00	45.14 -1.98 0.00	43.63 -1.87 0.00	43.52 -1.34 0.00	45.35 -0.98 0.00	44.89 -1.01 0.00	52.22 -1.34 0.00	55.99 -2.70 0.00	58.54 -3.14 0.00	48.46 -2.87 0.00	53.41 -4.58 0.00	47.93 -4.40 0.00	48.01 -4.75 0.00	18.12 -5.20 30.28	24.34 -5.82 25.24	-6.00 -5.96 57.35	-6.00 -6.79 68.52	-6.00 -6.96 74.73	-6.00 -6.30 67.49	-6.00 -6.40 63.61	-6.00 -5.43 55.45	-6.00 -5.41 52.62	38.93 -4.80 9.55	47.96 -4.91 -0.07
CARR STREET_E_SYR 24060	47.94 -0.93 0.00	46.18 -0.94 0.00	44.54 -0.96 0.00	44.01 -0.85 0.00	45.50 -0.83 0.00	45.03 -0.87 0.00	52.33 -1.23 0.00	57.10 -1.58 0.00	60.02 -1.66 0.00	49.90 -1.44 0.00	56.08 -1.91 0.00	50.49 -1.83 0.00	50.96 -1.79 0.00	51.78 -1.82 0.00	53.45 -1.94 0.00	55.68 -1.95 -0.32	67.03 -2.29 0.00	73.42 -2.27 0.00	65.76 -2.03 0.00	62.05 -1.98 -0.02	53.66 -1.70 -0.48	51.10 -1.77 -0.83	51.47 -1.81 0.00	51.14 -1.69 -0.03
CARTHAGE___PAPER 23857	49.21 0.34 0.00	47.59 0.47 0.00	46.00 0.50 0.00	45.22 0.36 0.00	46.75 0.42 0.00	46.45 0.55 0.00	54.47 0.91 0.00	60.15 1.47 0.00	63.35 1.67 0.00	52.56 1.23 0.00	59.16 1.16 0.00	53.32 0.99 0.00	53.49 0.74 0.00	54.46 0.85 0.00	56.28 0.88 0.00	58.04 0.57 -0.16	69.73 0.42 0.00	76.53 0.83 0.00	68.27 0.48 0.00	64.34 0.32 -0.01	55.34 0.22 -0.24	52.87 0.41 -0.42	53.76 0.48 0.00	53.29 0.47 -0.02
CASSADAGA_WT_PWR 323784	46.82 -2.05 0.00	45.09 -2.02 0.00	42.77 -2.73 0.00	43.29 -1.57 0.00	45.40 -0.93 0.00	44.94 -0.97 0.00	52.06 -1.50 0.00	55.10 -3.58 0.00	57.37 -4.32 0.00	47.38 -3.95 0.00	51.96 -6.03 0.00	46.36 -5.97 0.00	44.89 -7.86 0.00	42.68 -7.34 3.58	44.37 -8.03 2.99	42.56 -8.02 6.73	52.06 -9.15 8.10	57.54 -9.31 8.84	51.60 -8.20 7.98	47.88 -8.64 7.49	40.31 -8.67 5.90	37.61 -8.64 5.78	44.37 -7.78 1.13	44.67 -8.18 -0.06
CE_DUNWOOD___DRP 24194	51.41 2.54 0.00	49.38 2.26 0.00	47.68 2.18 0.00	46.88 2.02 0.00	48.32 1.99 0.00	47.92 2.02 0.00	56.13 2.57 0.00	61.56 2.88 0.00	64.46 2.78 0.00	53.69 2.36 0.00	61.07 3.07 0.00	55.15 2.83 0.00	55.71 2.95 0.00	56.66 3.06 0.00	58.60 3.21 0.00	64.19 3.38 -3.50	73.47 4.16 0.00	80.16 4.47 0.00	71.99 4.20 0.00	68.44 4.16 -0.27	63.59 3.46 -5.25	64.47 3.28 -9.16	56.54 3.25 -0.01	56.19 3.06 -0.33
CE_MILLWOOD___DRP 24193	51.31 2.44 0.00	49.28 2.17 0.00	47.59 2.09 0.00	46.79 1.93 0.00	48.23 1.90 0.00	47.83 1.93 0.00	56.02 2.46 0.00	61.39 2.70 0.00	64.34 2.65 0.00	53.54 2.21 0.00	60.90 2.90 0.00	54.99 2.67 0.00	55.55 2.80 0.00	56.50 2.89 0.00	58.44 3.05 0.00	64.00 3.21 -3.48	73.26 3.95 0.00	79.93 4.24 0.00	71.79 4.00 0.00	68.25 3.97 -0.27	63.40 3.29 -5.23	64.28 3.12 -9.12	56.38 3.09 -0.01	56.03 2.90 -0.33
CE_NYC2_DRP 24202	52.05 3.18 0.00	49.94 2.83 0.00	48.18 2.68 0.00	47.33 2.47 0.00	48.83 2.50 0.00	48.43 2.52 0.00	56.77 3.21 0.00	62.27 3.58 0.00	65.20 3.52 0.00	54.31 2.98 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.45 3.69 0.00	57.41 3.81 0.00	59.38 3.99 0.00	65.00 4.18 -3.50	74.51 5.20 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.42 4.28 -5.26	65.22 4.01 -9.18	57.28 4.00 -0.01	56.88 3.75 -0.33
CE_NYC_DRP 24195	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.97 3.29 0.00	64.89 3.21 0.00	54.05 2.72 0.00	61.59 3.60 0.00	55.62 3.30 0.00	56.24 3.48 0.00	57.14 3.54 0.00	59.10 3.71 0.00	64.71 3.90 -3.50	74.16 4.85 0.00	80.84 5.15 0.00	72.67 4.88 0.00	69.08 4.80 -0.27	64.09 3.95 -5.26	64.96 3.75 -9.18	57.02 3.73 -0.01	56.62 3.48 -0.33
CHAFFEE___LFGE 323603	47.16 -1.71 0.00	45.28 -1.84 0.00	43.72 -1.78 0.00	43.65 -1.21 0.00	45.31 -1.02 0.00	44.34 -1.56 0.00	50.99 -2.57 0.00	53.94 -4.75 0.00	56.57 -5.12 0.00	46.97 -4.36 0.00	51.56 -6.44 0.00	46.10 -6.23 0.00	46.00 -6.75 0.00	42.18 -7.18 4.24	44.05 -7.81 3.53	41.52 -7.85 7.94	50.77 -8.94 9.60	56.06 -9.16 10.47	50.13 -8.20 9.45	46.61 -8.51 8.88	40.58 -7.13 7.16	38.09 -7.03 6.92	45.76 -6.18 1.34	46.36 -6.50 -0.06
CHATEAUG_35_KV_LOAD 355732	48.14 -0.73 0.00	46.50 -0.61 0.00	44.86 -0.64 0.00	44.24 -0.63 0.00	45.77 -0.56 0.00	45.40 -0.50 0.00	53.19 -0.37 0.00	58.86 0.18 0.00	62.49 0.80 0.00	52.46 1.13 0.00	59.21 1.22 0.00	53.58 1.26 0.00	54.02 1.27 0.00	54.73 1.13 0.00	56.61 1.22 0.00	58.45 1.15 0.00	70.56 1.25 0.00	76.45 0.76 0.00	67.99 0.20 0.00	64.13 0.13 0.00	54.99 0.11 0.00	52.30 0.26 0.00	53.33 0.05 0.00	52.69 -0.11 0.00
CHATEAUG_WT_PWR 323614	48.04 -0.83 0.00	46.36 -0.76 0.00	44.77 -0.73 0.00	44.14 -0.72 0.00	45.64 -0.69 0.00	45.30 -0.60 0.00	53.13 -0.43 0.00	58.69 0.00 0.00	62.30 0.62 0.00	52.26 0.92 0.00	59.04 1.05 0.00	53.43 1.10 0.00	53.70 0.95 0.00	54.57 0.97 0.00	56.44 1.05 0.00	58.22 0.91 0.00	70.28 0.97 0.00	76.23 0.53 0.00	67.79 0.00 0.00	63.94 -0.06 0.00	54.83 -0.05 0.00	52.09 0.05 0.00	53.17 -0.11 0.00	52.53 -0.26 0.00
CHAT_HIGH_FALL_HYD 323578	48.14 -0.73 0.00	46.50 -0.61 0.00	44.86 -0.64 0.00	44.24 -0.63 0.00	45.77 -0.56 0.00	45.40 -0.50 0.00	53.19 -0.37 0.00	58.86 0.18 0.00	62.49 0.80 0.00	52.46 1.13 0.00	59.21 1.22 0.00	53.58 1.26 0.00	54.02 1.27 0.00	54.73 1.13 0.00	56.61 1.22 0.00	58.45 1.15 0.00	70.56 1.25 0.00	76.45 0.76 0.00	67.99 0.20 0.00	64.13 0.13 0.00	54.99 0.11 0.00	52.30 0.26 0.00	53.33 0.05 0.00	52.69 -0.11 0.00
CHAUTAUQUA___LFGE 323629	46.91 -1.96 0.00	45.14 -1.98 0.00	43.41 -2.09 0.00	43.56 -1.30 0.00	45.35 -0.98 0.00	44.57 -1.33 0.00	51.63 -1.93 0.00	54.64 -4.05 0.00	56.99 -4.69 0.00	47.22 -4.11 0.00	51.85 -6.15 0.00	46.31 -6.02 0.00	45.74 -7.02 0.00	42.04 -7.13 4.43	43.89 -7.81 3.69	41.20 -7.79 8.31	50.41 -8.87 10.03	55.82 -8.93 10.94	49.98 -7.93 9.88	46.47 -8.26 9.27	39.91 -7.46 7.51	37.26 -7.55 7.23	45.06 -6.82 1.40	45.88 -6.97 -0.06
CHERRYST_13_KV_LD 356241	51.90 3.03 0.00	49.76 2.64 0.00	48.05 2.55 0.00	47.15 2.29 0.00	48.65 2.32 0.00	48.24 2.34 0.00	56.61 3.05 0.00	62.15 3.46 0.00	65.08 3.39 0.00	54.21 2.87 0.00	61.77 3.77 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.82 4.01 -3.50	74.37 5.06 0.00	81.07 5.37 0.00	72.87 5.08 0.00	69.27 4.99 -0.27	64.26 4.12 -5.26	65.12 3.90 -9.18	57.12 3.84 -0.01	56.72 3.59 -0.33

CHESTROR_138KV_BK263 355645	50.78 1.91 0.00	48.81 1.70 0.00	47.14 1.64 0.00	46.39 1.53 0.00	47.81 1.48 0.00	47.42 1.51 0.00	55.44 1.87 0.00	60.74 2.05 0.00	63.66 1.97 0.00	52.92 1.59 0.00	60.03 2.03 0.00	54.21 1.88 0.00	54.76 2.00 0.00	55.75 2.14 0.00	57.66 2.27 0.00	62.97 2.41 -3.26	72.29 2.98 0.00	78.87 3.18 0.00	70.84 3.05 0.00	67.27 3.01 -0.25	62.30 2.52 -4.89	62.97 2.39 -8.54	55.63 2.34 -0.01	55.32 2.22 -0.31
CH_MIDHUDSON___DRP 24192	51.26 2.39 0.00	49.33 2.21 0.00	47.59 2.09 0.00	46.84 1.97 0.00	48.28 1.95 0.00	47.88 1.97 0.00	56.02 2.46 0.00	61.33 2.64 0.00	64.34 2.65 0.00	53.44 2.10 0.00	60.66 2.67 0.00	54.73 2.41 0.00	55.34 2.58 0.00	56.39 2.79 0.00	58.33 2.94 0.00	63.97 3.09 -3.57	73.05 3.74 0.00	79.78 4.09 0.00	71.65 3.86 0.00	68.12 3.84 -0.28	63.47 3.24 -5.35	64.45 3.07 -9.34	56.33 3.04 -0.01	55.99 2.85 -0.34
CH_MISC_IPPS 23765	51.51 2.64 0.00	49.61 2.50 0.00	47.86 2.36 0.00	47.11 2.24 0.00	48.60 2.27 0.00	48.10 2.20 0.00	56.24 2.68 0.00	61.56 2.87 0.00	64.59 2.90 0.00	53.54 2.21 0.00	60.67 2.67 0.00	54.73 2.41 0.00	55.39 2.64 0.00	56.44 2.84 0.00	58.38 2.99 0.00	64.02 3.21 -3.50	73.33 4.02 0.00	80.08 4.39 0.00	71.92 4.14 0.00	68.31 4.03 -0.27	63.54 3.40 -5.26	64.49 3.28 -9.17	56.43 3.14 -0.01	56.09 2.95 -0.33
CH_RES_BVR_FALLS 23983	48.77 -0.10 0.00	47.02 -0.09 0.00	45.41 -0.09 0.00	44.77 -0.09 0.00	46.24 -0.09 0.00	45.81 -0.09 0.00	53.51 -0.05 0.00	58.63 -0.06 0.00	61.69 0.00 0.00	51.33 0.00 0.00	58.00 0.00 0.00	52.33 0.00 0.00	52.75 0.00 0.00	53.60 0.00 0.00	55.39 0.00 0.00	57.31 0.00 0.00	69.24 -0.07 0.00	75.62 -0.08 0.00	67.65 -0.14 0.00	63.88 -0.13 0.00	54.77 -0.11 0.00	51.93 -0.10 0.00	53.17 -0.11 0.00	52.69 -0.11 0.00
CH_RES_NIAGARA 23895	45.45 -3.42 0.00	43.49 -3.63 0.00	42.22 -3.28 0.00	41.95 -2.92 0.00	43.32 -3.01 0.00	41.91 -3.99 0.00	48.53 -5.03 0.00	51.23 -7.45 0.00	53.91 -7.77 0.00	44.86 -6.47 0.00	49.12 -8.87 0.00	44.06 -8.27 0.00	44.05 -8.70 0.00	41.57 -7.88 4.15	43.28 -8.64 3.47	40.95 -8.60 7.76	50.15 -9.77 9.39	55.69 -9.76 10.24	49.52 -9.02 9.25	46.43 -8.90 8.68	40.19 -7.57 7.12	37.94 -7.39 6.71	44.89 -7.09 1.31	46.35 -6.49 -0.05
CH_RES_SYRACUSE 23985	48.19 -0.68 0.00	46.46 -0.66 0.00	44.82 -0.68 0.00	44.28 -0.58 0.00	45.78 -0.55 0.00	45.35 -0.55 0.00	52.86 -0.70 0.00	57.69 -1.00 0.00	60.64 -1.05 0.00	50.36 -0.98 0.00	56.60 -1.39 0.00	51.02 -1.31 0.00	51.44 -1.32 0.00	52.26 -1.34 0.00	53.95 -1.44 0.00	56.23 -1.43 -0.36	67.65 -1.66 0.00	74.18 -1.51 0.00	66.43 -1.36 0.00	62.62 -1.41 -0.03	54.16 -1.26 -0.54	51.67 -1.30 -0.93	51.95 -1.33 0.00	51.62 -1.21 -0.03
CLINTON_WT_PWR 323605	48.04 -0.83 0.00	46.36 -0.76 0.00	44.77 -0.73 0.00	44.14 -0.72 0.00	45.64 -0.69 0.00	45.30 -0.60 0.00	53.13 -0.43 0.00	58.69 0.00 0.00	62.30 0.62 0.00	52.26 0.92 0.00	59.04 1.05 0.00	53.43 1.10 0.00	53.70 0.95 0.00	54.57 0.97 0.00	56.44 1.05 0.00	58.22 0.91 0.00	70.28 0.97 0.00	76.23 0.53 0.00	67.79 0.00 0.00	63.94 -0.06 0.00	54.83 -0.05 0.00	52.09 0.05 0.00	53.17 -0.11 0.00	52.53 -0.26 0.00
CLINTON___LFGE 323618	48.82 -0.05 0.00	47.21 0.09 0.00	45.54 0.05 0.00	44.91 0.04 0.00	46.47 0.14 0.00	46.13 0.23 0.00	54.21 0.65 0.00	59.86 1.17 0.00	63.48 1.79 0.00	53.33 2.00 0.00	60.14 2.15 0.00	54.47 2.15 0.00	54.60 1.85 0.00	55.48 1.88 0.00	57.38 1.99 0.00	59.26 1.95 0.00	71.59 2.28 0.00	77.59 1.89 0.00	68.94 1.15 0.00	65.09 1.09 0.00	55.76 0.88 0.00	53.13 1.09 0.00	54.13 0.85 0.00	53.48 0.68 0.00
COBBLENY_34_KV_TB1 80064	47.11 -1.76 0.00	45.04 -2.07 0.00	43.77 -1.73 0.00	43.61 -1.26 0.00	45.17 -1.16 0.00	43.88 -2.02 0.00	50.99 -2.57 0.00	53.93 -4.75 0.00	56.57 -5.12 0.00	46.92 -4.41 0.00	51.44 -6.55 0.00	46.10 -6.23 0.00	46.00 -6.75 0.00	42.13 -7.24 4.24	44.05 -7.81 3.53	41.52 -7.85 7.94	50.77 -8.94 9.60	56.22 -9.01 10.47	50.13 -8.20 9.45	46.68 -8.45 8.87	40.58 -7.13 7.16	38.04 -7.08 6.92	45.82 -6.13 1.34	46.20 -6.65 -0.06
COFFEEN___115KV_TB3 355620	49.70 0.83 0.00	48.06 0.94 0.00	46.50 1.00 0.00	45.67 0.81 0.00	47.21 0.88 0.00	46.82 0.92 0.00	54.95 1.39 0.00	60.56 1.88 0.00	63.72 2.04 0.00	52.77 1.44 0.00	59.21 1.22 0.00	53.32 0.99 0.00	53.49 0.74 0.00	54.57 0.96 0.00	56.39 1.00 0.00	58.35 0.86 -0.18	70.35 1.04 0.00	77.43 1.74 0.00	69.01 1.22 -0.01	64.98 0.96 -0.01	55.93 0.77 -0.28	53.40 0.88 -0.48	54.13 0.85 0.00	53.61 0.79 -0.02
COLDSPRG_115KV_BK1 355956	47.75 -1.12 0.00	45.66 -1.46 0.00	44.00 -1.50 0.00	44.15 -0.72 0.00	45.96 -0.37 0.00	44.94 -0.96 0.00	52.60 -0.96 0.00	55.81 -2.88 0.00	58.17 -3.52 0.00	48.10 -3.23 0.00	52.83 -5.16 0.00	47.25 -5.08 0.00	46.53 -6.22 0.00	44.61 -6.75 2.24	46.27 -7.26 1.87	45.80 -7.28 4.23	55.99 -8.25 5.07	61.84 -8.33 5.53	55.34 -7.46 4.99	51.34 -8.00 4.66	44.11 -7.41 3.36	41.15 -7.39 3.50	46.50 -6.07 0.71	45.57 -7.29 -0.06
COLONIE_LFGE___ 323577	50.73 1.86 0.00	48.95 1.84 0.00	47.27 1.77 0.00	46.57 1.70 0.00	48.09 1.76 0.00	47.65 1.74 0.00	55.54 1.98 0.00	60.97 2.29 0.00	63.84 2.16 0.00	53.02 1.69 0.00	60.20 2.20 0.00	54.36 2.04 0.00	54.87 2.11 0.00	55.75 2.15 0.00	57.72 2.33 0.00	64.16 2.52 -4.33	72.22 2.91 0.00	78.95 3.25 0.00	70.84 3.05 0.00	67.23 2.88 -0.34	63.92 2.53 -6.51	65.73 2.34 -11.35	55.80 2.50 -0.01	55.74 2.53 -0.41
COOPERNY_115KV_TB1 80082	50.24 1.37 0.00	48.34 1.23 0.00	46.68 1.18 0.00	45.94 1.08 0.00	47.40 1.07 0.00	47.00 1.10 0.00	54.90 1.34 0.00	60.15 1.47 0.00	63.04 1.36 0.00	52.46 1.13 0.00	59.45 1.45 0.00	53.63 1.31 0.00	54.13 1.37 0.00	55.10 1.50 0.00	56.94 1.55 0.00	61.62 1.66 -2.65	71.39 2.08 0.00	77.96 2.27 0.00	69.89 2.10 0.00	66.32 2.11 -0.21	60.62 1.76 -3.98	60.65 1.67 -6.95	54.94 1.65 -0.01	54.58 1.53 -0.25
COPENHAGEN_WT_PWR 323753	49.36 0.49 0.00	47.68 0.57 0.00	46.09 0.59 0.00	45.31 0.45 0.00	46.89 0.56 0.00	46.50 0.60 0.00	54.53 0.97 0.00	59.98 1.29 0.00	63.11 1.42 0.00	52.31 0.97 0.00	58.81 0.81 0.00	52.96 0.63 0.00	53.13 0.37 0.00	54.19 0.59 0.00	56.00 0.61 0.00	57.90 0.40 -0.19	69.80 0.49 0.00	76.67 0.98 0.00	68.40 0.61 0.00	64.41 0.39 -0.01	55.44 0.28 -0.29	52.95 0.41 -0.50	53.71 0.42 0.00	53.24 0.42 -0.02
CORNELL_____ 23752	49.31 0.44 0.00	47.49 0.38 0.00	45.86 0.36 0.00	45.31 0.45 0.00	46.89 0.56 0.00	46.41 0.50 0.00	54.31 0.75 0.00	59.27 0.59 0.00	62.12 0.43 0.00	51.54 0.21 0.00	57.65 -0.35 0.00	51.91 -0.42 0.00	52.28 -0.47 0.00	54.95 -0.54 -1.89	56.41 -0.55 -1.57	65.05 -0.52 -8.26	73.23 -0.35 -4.27	80.42 0.08 -4.66	71.99 0.00 -4.20	67.84 -0.19 -4.03	59.34 -0.22 -4.67	64.43 -0.42 -12.81	53.56 -0.32 -0.60	52.50 -0.37 -0.07

CORONA__69_KV_TB1 355595	76.87 3.52 -24.48	66.25 3.20 -15.93	48.66 3.14 -0.02	47.89 3.01 -0.02	49.36 3.01 -0.02	51.31 2.94 -2.47	68.71 3.64 -11.51	74.24 3.93 -11.63	71.12 3.95 -5.48	54.79 3.44 -0.02	62.19 4.18 -0.02	56.17 3.82 -0.02	58.08 3.96 -1.37	57.70 4.07 -0.02	72.11 4.27 -12.45	75.28 4.47 -13.50	104.51 5.48 -29.73	135.79 5.75 -54.35	135.22 5.36 -62.08	120.14 5.25 -50.89	102.55 4.50 -43.17	84.80 4.27 -28.50	66.11 4.32 -8.51	57.27 4.12 -0.36
CORTLAND__115KV_TB3 80093	48.97 0.10 0.00	47.16 0.05 0.00	45.59 0.09 0.00	45.00 0.13 0.00	46.52 0.19 0.00	46.04 0.14 0.00	53.83 0.27 0.00	58.75 0.06 0.00	61.62 -0.06 0.00	51.13 -0.21 0.00	57.36 -0.64 0.00	51.65 -0.68 0.00	52.07 -0.69 0.00	52.85 -0.75 0.00	54.62 -0.78 0.00	58.22 -0.75 -1.66	68.62 -0.69 0.00	75.16 -0.53 0.00	67.31 -0.47 0.00	63.48 -0.58 -0.05	55.27 -0.55 -0.94	54.97 -0.68 -3.61	52.70 -0.59 0.00	52.22 -0.63 -0.06
COXSACKIE__GT 23611	52.19 3.32 0.00	50.41 3.30 0.00	48.59 3.10 0.00	47.92 3.05 0.00	49.62 3.29 0.00	49.16 3.26 0.00	57.20 3.64 0.00	62.45 3.76 0.00	65.39 3.70 0.00	53.49 2.16 0.00	60.26 2.26 0.00	54.16 1.83 0.00	54.81 2.06 0.00	56.07 2.47 0.00	58.11 2.71 0.00	64.33 2.92 -4.10	73.75 4.44 0.00	80.76 5.07 0.00	72.60 4.81 0.00	68.36 4.03 -0.32	64.45 3.40 -6.16	66.12 3.33 -10.75	56.96 3.67 -0.01	56.94 3.75 -0.39
CPV_VALLEY__CC1 323721	50.43 1.56 0.00	48.53 1.41 0.00	46.86 1.36 0.00	46.12 1.25 0.00	47.53 1.20 0.00	47.09 1.19 0.00	55.01 1.45 0.00	60.27 1.59 0.00	63.16 1.48 0.00	52.56 1.23 0.00	59.68 1.68 0.00	53.84 1.52 0.00	54.44 1.69 0.00	55.37 1.77 0.00	57.28 1.88 0.00	62.36 2.00 -3.04	71.74 2.42 0.00	78.27 2.58 0.00	70.30 2.51 0.00	66.74 2.49 -0.24	61.53 2.08 -4.57	61.98 1.98 -7.97	55.20 1.92 -0.01	54.88 1.80 -0.29
CPV_VALLEY__CC2 323722	50.43 1.56 0.00	48.53 1.41 0.00	46.86 1.36 0.00	46.12 1.25 0.00	47.53 1.20 0.00	47.09 1.19 0.00	55.01 1.45 0.00	60.27 1.59 0.00	63.16 1.48 0.00	52.56 1.23 0.00	59.68 1.68 0.00	53.84 1.52 0.00	54.44 1.69 0.00	55.37 1.77 0.00	57.28 1.88 0.00	62.36 2.00 -3.04	71.74 2.42 0.00	78.27 2.58 0.00	70.30 2.51 0.00	66.74 2.49 -0.24	61.53 2.08 -4.57	61.98 1.98 -7.97	55.20 1.92 -0.01	54.88 1.80 -0.29
CRESCENT__HYD 24018	50.73 1.86 0.00	48.95 1.84 0.00	47.27 1.77 0.00	46.57 1.70 0.00	48.09 1.76 0.00	47.65 1.74 0.00	55.54 1.98 0.00	60.97 2.29 0.00	63.84 2.16 0.00	53.02 1.69 0.00	60.20 2.20 0.00	54.36 2.04 0.00	54.87 2.11 0.00	55.75 2.15 0.00	57.72 2.33 0.00	64.16 2.52 -4.33	72.22 2.91 0.00	78.95 3.25 0.00	70.84 3.05 0.00	67.23 2.88 -0.34	63.92 2.53 -6.51	65.73 2.34 -11.35	55.80 2.50 -0.01	55.74 2.53 -0.41
CRICKET__VALLEY_CC1 323756	50.77 1.90 0.00	48.86 1.74 0.00	47.23 1.73 0.00	46.48 1.61 0.00	47.86 1.53 0.00	47.41 1.51 0.00	55.43 1.87 0.00	60.80 2.11 0.00	63.72 2.03 0.00	53.02 1.69 0.00	60.43 2.44 0.00	54.63 2.30 0.00	55.23 2.48 0.00	56.12 2.52 0.00	58.05 2.66 0.00	63.80 2.81 -3.68	72.43 3.12 0.00	79.10 3.41 0.00	70.98 3.19 0.00	67.49 3.20 -0.29	63.26 2.85 -5.53	64.39 2.70 -9.65	56.00 2.72 -0.01	55.73 2.59 -0.35
CRICKET__VALLEY_CC2 323757	50.77 1.90 0.00	48.86 1.74 0.00	47.23 1.73 0.00	46.48 1.61 0.00	47.86 1.53 0.00	47.41 1.51 0.00	55.43 1.87 0.00	60.80 2.11 0.00	63.72 2.03 0.00	53.02 1.69 0.00	60.43 2.44 0.00	54.63 2.30 0.00	55.23 2.48 0.00	56.12 2.52 0.00	58.05 2.66 0.00	63.80 2.81 -3.68	72.43 3.12 0.00	79.10 3.41 0.00	70.98 3.19 0.00	67.49 3.20 -0.29	63.26 2.85 -5.53	64.39 2.70 -9.65	56.00 2.72 -0.01	55.73 2.59 -0.35
CRICKET__VALLEY_CC3 323758	50.77 1.90 0.00	48.86 1.74 0.00	47.23 1.73 0.00	46.48 1.61 0.00	47.86 1.53 0.00	47.41 1.51 0.00	55.43 1.87 0.00	60.80 2.11 0.00	63.72 2.03 0.00	53.02 1.69 0.00	60.43 2.44 0.00	54.63 2.30 0.00	55.23 2.48 0.00	56.12 2.52 0.00	58.05 2.66 0.00	63.80 2.81 -3.68	72.43 3.12 0.00	79.10 3.41 0.00	70.98 3.19 0.00	67.49 3.20 -0.29	63.26 2.85 -5.53	64.39 2.70 -9.65	56.00 2.72 -0.01	55.73 2.59 -0.35
CRUCIBLE__METL_DRP 24180	48.19 -0.68 0.00	46.46 -0.66 0.00	44.86 -0.64 0.00	44.28 -0.58 0.00	45.77 -0.56 0.00	45.26 -0.64 0.00	52.86 -0.70 0.00	57.69 -1.00 0.00	60.64 -1.05 0.00	50.36 -0.98 0.00	56.60 -1.39 0.00	51.02 -1.31 0.00	51.43 -1.32 0.00	52.26 -1.34 0.00	53.95 -1.44 0.00	56.23 -1.43 -0.36	67.65 -1.66 0.00	74.18 -1.51 0.00	66.43 -1.36 0.00	62.62 -1.41 -0.03	54.15 -1.26 -0.54	51.67 -1.30 -0.93	51.95 -1.33 -0.01	51.62 -1.21 -0.03
DAHOWA__HYDRO 323763	51.07 2.20 0.00	49.38 2.26 0.00	47.64 2.14 0.00	46.97 2.11 0.00	48.60 2.27 0.00	48.24 2.34 0.00	56.13 2.57 0.00	61.74 3.05 0.00	64.46 2.78 0.00	53.33 2.00 0.00	60.32 2.32 0.00	54.36 2.04 0.00	54.92 2.16 0.00	55.80 2.20 0.00	57.94 2.55 0.00	64.58 2.86 -4.41	72.71 3.40 0.00	79.48 3.78 0.00	71.38 3.59 0.00	67.68 3.33 -0.34	64.36 2.85 -6.62	66.28 2.70 -11.54	56.11 2.82 -0.01	56.12 2.90 -0.42
DANC__LFGE 323619	48.68 -0.19 0.00	46.98 -0.14 0.00	45.41 -0.09 0.00	44.73 -0.13 0.00	46.24 -0.09 0.00	45.86 -0.05 0.00	53.61 0.05 0.00	58.80 0.12 0.00	61.81 0.12 0.00	51.28 -0.05 0.00	57.65 -0.35 0.00	52.01 -0.31 0.00	52.28 -0.48 0.00	53.23 -0.37 0.00	55.01 -0.39 0.00	57.02 -0.52 -0.23	68.69 -0.63 0.00	75.32 -0.38 0.00	67.24 -0.54 0.00	63.32 -0.70 -0.02	54.56 -0.66 -0.34	52.16 -0.47 -0.59	52.80 -0.48 0.00	52.39 -0.42 -0.02
DANSKAMMER__1 23586	51.51 2.64 0.00	49.61 2.50 0.00	47.86 2.36 0.00	47.11 2.24 0.00	48.60 2.27 0.00	48.10 2.20 0.00	56.24 2.68 0.00	61.56 2.87 0.00	64.59 2.90 0.00	53.54 2.21 0.00	60.67 2.67 0.00	54.73 2.41 0.00	55.39 2.64 0.00	56.44 2.84 0.00	58.38 2.99 0.00	64.02 3.21 -3.50	73.33 4.02 0.00	80.08 4.39 0.00	71.92 4.14 0.00	68.31 4.03 -0.27	63.54 3.40 -5.26	64.49 3.28 -9.17	56.43 3.14 -0.01	56.09 2.95 -0.33
DANSKAMMER__2 23589	51.51 2.64 0.00	49.61 2.50 0.00	47.86 2.36 0.00	47.11 2.24 0.00	48.60 2.27 0.00	48.10 2.20 0.00	56.24 2.68 0.00	61.56 2.87 0.00	64.59 2.90 0.00	53.54 2.21 0.00	60.67 2.67 0.00	54.73 2.41 0.00	55.39 2.64 0.00	56.44 2.84 0.00	58.38 2.99 0.00	64.02 3.21 -3.50	73.33 4.02 0.00	80.08 4.39 0.00	71.92 4.14 0.00	68.31 4.03 -0.27	63.54 3.40 -5.26	64.49 3.28 -9.17	56.43 3.14 -0.01	56.09 2.95 -0.33
DANSKAMMER__3 23590	51.51 2.64 0.00	49.61 2.50 0.00	47.86 2.36 0.00	47.11 2.24 0.00	48.60 2.27 0.00	48.10 2.20 0.00	56.24 2.68 0.00	61.56 2.87 0.00	64.59 2.90 0.00	53.54 2.21 0.00	60.67 2.67 0.00	54.73 2.41 0.00	55.39 2.64 0.00	56.44 2.84 0.00	58.38 2.99 0.00	64.02 3.21 -3.50	73.33 4.02 0.00	80.08 4.39 0.00	71.92 4.14 0.00	68.31 4.03 -0.27	63.54 3.40 -5.26	64.49 3.28 -9.17	56.43 3.14 -0.01	56.09 2.95 -0.33

DANSKAMMER___4 23591	51.51 2.64 0.00	49.61 2.50 0.00	47.86 2.36 0.00	47.11 2.24 0.00	48.60 2.27 0.00	48.10 2.20 0.00	56.24 2.68 0.00	61.56 2.87 0.00	64.59 2.90 0.00	53.54 2.21 0.00	60.67 2.67 0.00	54.73 2.41 0.00	55.39 2.64 0.00	56.44 2.84 0.00	58.38 2.99 0.00	64.02 3.21 -3.50	73.33 4.02 0.00	80.08 4.39 0.00	71.92 4.14 0.00	68.31 4.03 -0.27	63.54 3.40 -5.26	64.49 3.28 -9.17	56.43 3.14 -0.01	56.09 2.95 -0.33
DANSKAMMER___DIESEL 23592	51.51 2.64 0.00	49.52 2.40 0.00	47.77 2.27 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.29 2.73 0.00	61.56 2.88 0.00	64.58 2.90 0.00	53.54 2.21 0.00	60.66 2.67 0.00	54.73 2.41 0.00	55.34 2.58 0.00	56.44 2.84 0.00	58.38 2.99 0.00	64.02 3.21 -3.50	73.33 4.02 0.00	80.08 4.39 0.00	71.92 4.14 0.00	68.31 4.03 -0.27	63.54 3.40 -5.26	64.48 3.28 -9.17	56.43 3.14 -0.01	56.09 2.96 -0.33
DARBY___SOLAR 323810	50.97 2.10 0.00	49.29 2.17 0.00	47.50 2.00 0.00	46.84 1.97 0.00	48.46 2.13 0.00	48.06 2.16 0.00	55.97 2.41 0.00	61.56 2.87 0.00	64.28 2.59 0.00	53.23 1.90 0.00	60.20 2.20 0.00	54.26 1.94 0.00	54.81 2.06 0.00	55.75 2.15 0.00	57.83 2.43 0.00	64.45 2.75 -4.40	72.57 3.26 0.00	79.33 3.63 0.00	71.18 3.39 0.00	67.55 3.20 -0.34	64.18 2.69 -6.61	66.15 2.60 -11.52	56.01 2.72 -0.01	56.01 2.80 -0.42
DASHVILLE___HYD 23610	51.02 2.15 0.00	49.05 1.93 0.00	47.32 1.82 0.00	46.57 1.70 0.00	48.04 1.71 0.00	47.65 1.74 0.00	55.76 2.20 0.00	60.98 2.29 0.00	63.97 2.28 0.00	52.92 1.59 0.00	59.97 1.97 0.00	54.11 1.78 0.00	54.71 1.95 0.00	55.85 2.25 0.00	57.77 2.38 0.00	63.09 2.18 -3.61	72.57 3.26 0.00	79.25 3.56 0.00	71.18 3.39 0.00	67.62 3.33 -0.28	62.71 2.41 -5.42	63.83 2.34 -9.45	55.90 2.61 -0.01	55.31 2.16 -0.34
DELAWARE___LFGE 323621	50.09 1.22 0.00	48.25 1.13 0.00	46.64 1.14 0.00	45.94 1.08 0.00	47.44 1.11 0.00	46.96 1.06 0.00	54.95 1.39 0.00	60.15 1.47 0.00	63.10 1.42 0.00	52.41 1.08 0.00	59.16 1.16 0.00	53.32 0.99 0.00	53.70 0.95 0.00	54.62 1.02 0.00	56.55 1.16 0.00	60.10 1.26 -1.53	70.91 1.59 0.00	77.59 1.89 0.00	69.48 1.69 0.00	65.72 1.60 -0.12	58.48 1.32 -2.28	57.23 1.20 -4.00	54.46 1.17 0.00	54.05 1.11 -0.15
DERFIELD_115KV_TB7 355931	49.02 0.15 0.00	47.26 0.14 0.00	45.64 0.14 0.00	44.95 0.09 0.00	46.42 0.09 0.00	46.04 0.14 0.00	53.72 0.16 0.00	58.92 0.23 0.00	61.87 0.19 0.00	51.49 0.15 0.00	58.23 0.23 0.00	52.54 0.21 0.00	52.91 0.16 0.00	53.82 0.21 0.00	55.61 0.22 0.00	57.48 0.17 0.00	69.45 0.14 0.00	75.92 0.23 0.00	67.99 0.20 0.00	64.20 0.19 0.00	55.05 0.16 0.00	52.19 0.16 0.00	53.44 0.16 0.00	53.01 0.21 0.00
DOGLEVILLE___HYD 23807	51.31 2.44 0.00	49.47 2.36 0.00	47.77 2.27 0.00	47.11 2.24 0.00	48.69 2.36 0.00	48.33 2.43 0.00	56.56 3.00 0.00	62.21 3.52 0.00	65.70 4.01 0.00	54.82 3.49 0.00	62.06 4.06 0.00	55.99 3.66 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.10 3.71 0.00	60.98 3.67 0.00	73.40 4.09 0.00	80.01 4.31 0.00	71.52 3.73 0.00	67.46 3.46 0.00	57.85 2.96 0.00	55.00 2.97 0.00	56.42 3.14 0.00	55.91 3.12 0.00
DUNKIRK___115KV_TB_200 55889	46.96 -1.91 0.00	44.95 -2.17 0.00	43.45 -2.05 0.00	43.47 -1.39 0.00	45.17 -1.16 0.00	44.07 -1.84 0.00	51.63 -1.93 0.00	54.64 -4.05 0.00	57.00 -4.69 0.00	47.17 -4.16 0.00	51.79 -6.21 0.00	46.36 -5.97 0.00	45.79 -6.96 0.00	41.96 -7.13 4.51	43.88 -7.75 3.76	41.11 -7.74 8.47	50.30 -8.80 10.21	55.85 -8.70 11.14	49.87 -7.86 10.06	46.43 -8.13 9.44	39.87 -7.35 7.66	37.27 -7.39 7.37	45.20 -6.66 1.42	45.89 -6.97 -0.06
DUNKIRK___1 23563	46.96 -1.91 0.00	44.95 -2.17 0.00	43.45 -2.05 0.00	43.47 -1.39 0.00	45.17 -1.16 0.00	44.07 -1.84 0.00	51.63 -1.93 0.00	54.64 -4.05 0.00	57.00 -4.69 0.00	47.17 -4.16 0.00	51.79 -6.21 0.00	46.36 -5.97 0.00	45.79 -6.96 0.00	41.96 -7.13 4.51	43.88 -7.75 3.76	41.11 -7.74 8.47	50.30 -8.80 10.21	55.85 -8.70 11.14	49.87 -7.86 10.06	46.43 -8.13 9.44	39.87 -7.35 7.66	37.27 -7.39 7.37	45.20 -6.66 1.42	45.89 -6.97 -0.06
DUNKIRK___2 23564	46.96 -1.91 0.00	44.95 -2.17 0.00	43.45 -2.05 0.00	43.47 -1.39 0.00	45.17 -1.16 0.00	44.07 -1.84 0.00	51.63 -1.93 0.00	54.64 -4.05 0.00	57.00 -4.69 0.00	47.17 -4.16 0.00	51.79 -6.21 0.00	46.36 -5.97 0.00	45.79 -6.96 0.00	41.96 -7.13 4.51	43.88 -7.75 3.76	41.11 -7.74 8.47	50.30 -8.80 10.21	55.85 -8.70 11.14	49.87 -7.86 10.06	46.43 -8.13 9.44	39.87 -7.35 7.66	37.27 -7.39 7.37	45.20 -6.66 1.42	45.89 -6.97 -0.06
DUNKIRK___3 23565	46.92 -1.95 0.00	44.90 -2.21 0.00	43.50 -2.00 0.00	43.43 -1.44 0.00	45.08 -1.25 0.00	43.88 -2.02 0.00	51.36 -2.20 0.00	54.40 -4.28 0.00	56.81 -4.87 0.00	47.07 -4.26 0.00	51.67 -6.32 0.00	46.26 -6.07 0.00	45.90 -6.86 0.00	41.65 -7.13 4.83	43.61 -7.75 4.03	40.51 -7.74 9.06	49.58 -8.80 10.92	55.07 -8.70 11.91	49.17 -7.86 10.76	45.77 -8.13 10.10	39.39 -7.24 8.25	36.85 -7.28 7.90	45.26 -6.50 1.52	45.99 -6.86 -0.06
DUNKIRK___4 23566	46.92 -1.95 0.00	44.90 -2.21 0.00	43.50 -2.00 0.00	43.43 -1.44 0.00	45.08 -1.25 0.00	43.88 -2.02 0.00	51.36 -2.20 0.00	54.40 -4.28 0.00	56.81 -4.87 0.00	47.07 -4.26 0.00	51.67 -6.32 0.00	46.26 -6.07 0.00	45.90 -6.86 0.00	41.65 -7.13 4.83	43.61 -7.75 4.03	40.51 -7.74 9.06	49.58 -8.80 10.92	55.07 -8.70 11.91	49.17 -7.86 10.76	45.77 -8.13 10.10	39.39 -7.24 8.25	36.85 -7.28 7.90	45.26 -6.50 1.52	45.99 -6.86 -0.06
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.56 2.69 0.00	49.52 2.40 0.00	47.77 2.27 0.00	46.97 2.11 0.00	48.41 2.08 0.00	48.06 2.16 0.00	56.29 2.73 0.00	61.74 3.05 0.00	64.65 2.96 0.00	53.85 2.52 0.00	61.30 3.31 0.00	55.36 3.03 0.00	55.92 3.17 0.00	56.87 3.27 0.00	58.83 3.43 0.00	64.42 3.61 -3.50	73.75 4.44 0.00	80.46 4.77 0.00	72.26 4.47 0.00	68.70 4.42 -0.27	63.82 3.68 -5.26	64.65 3.43 -9.18	56.70 3.41 -0.01	56.35 3.22 -0.33
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.12 2.25 0.00	49.14 2.03 0.00	47.41 1.91 0.00	46.66 1.79 0.00	48.14 1.81 0.00	47.74 1.84 0.00	55.81 2.25 0.00	61.09 2.41 0.00	64.03 2.34 0.00	53.18 1.85 0.00	60.32 2.32 0.00	54.42 2.09 0.00	55.02 2.27 0.00	56.07 2.47 0.00	57.99 2.60 0.00	63.45 2.75 -3.40	72.78 3.47 0.00	79.40 3.71 0.00	71.31 3.53 0.00	67.79 3.52 -0.27	62.94 2.96 -5.10	63.74 2.81 -8.90	56.01 2.72 -0.01	55.65 2.53 -0.32
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.80 2.93 0.00	49.71 2.59 0.00	47.96 2.46 0.00	47.11 2.24 0.00	48.55 2.22 0.00	48.20 2.30 0.00	56.51 2.95 0.00	61.97 3.29 0.00	64.89 3.21 0.00	54.10 2.77 0.00	61.65 3.65 0.00	55.67 3.35 0.00	56.24 3.48 0.00	57.19 3.59 0.00	59.16 3.77 0.00	64.71 3.90 -3.50	74.23 4.92 0.00	80.92 5.22 0.00	72.74 4.95 0.00	69.14 4.86 -0.27	64.15 4.01 -5.26	65.01 3.80 -9.18	57.02 3.73 -0.01	56.67 3.54 -0.33

E179THST_13_KV_LOAD 356214	52.00 3.13 0.00	49.90 2.78 0.00	48.14 2.64 0.00	47.29 2.42 0.00	48.74 2.41 0.00	48.38 2.48 0.00	56.72 3.16 0.00	62.21 3.52 0.00	65.20 3.52 0.00	54.31 2.98 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.50 3.75 0.00	57.46 3.86 0.00	59.44 4.04 0.00	65.00 4.18 -3.50	74.51 5.20 0.00	81.29 5.60 0.00	73.08 5.29 0.00	69.46 5.18 -0.27	64.42 4.28 -5.26	65.22 4.01 -9.18	57.28 4.00 -0.01	56.88 3.75 -0.33
EAST HAMPTON___GT 23717	67.14 6.35 -11.92	60.90 6.03 -7.75	51.29 5.78 -0.01	50.39 5.52 -0.01	51.99 5.65 -0.01	52.79 5.69 -1.20	66.08 6.91 -5.60	71.86 7.51 -5.66	71.82 7.46 -2.67	57.09 5.75 -0.01	64.85 6.84 -0.01	58.61 6.28 -0.01	60.01 6.59 -0.67	60.20 6.59 -0.01	68.15 6.70 -6.06	72.84 7.16 -8.37	92.38 8.59 -14.47	110.78 8.63 -26.46	105.81 7.79 -30.22	96.73 7.81 -24.92	85.07 6.47 -23.72	76.71 6.09 -18.59	64.25 6.82 -4.15	59.69 6.55 -0.34
EAST RIVER___6 23660	51.75 2.88 0.00	49.71 2.59 0.00	47.95 2.46 0.00	47.15 2.29 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.40 2.84 0.00	61.91 3.23 0.00	64.83 3.14 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.25 0.00	56.29 3.53 0.00	57.14 3.54 0.00	59.10 3.71 0.00	64.71 3.90 -3.50	74.23 4.92 0.00	80.91 5.22 0.00	72.67 4.88 0.00	69.14 4.86 -0.27	64.10 3.95 -5.26	64.91 3.69 -9.18	56.96 3.67 -0.01	56.56 3.43 -0.33
EAST RIVER___7 23524	51.75 2.88 0.00	49.71 2.59 0.00	47.95 2.46 0.00	47.15 2.29 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.40 2.84 0.00	61.91 3.23 0.00	64.83 3.14 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.25 0.00	56.29 3.53 0.00	57.14 3.54 0.00	59.10 3.71 0.00	64.71 3.90 -3.50	74.23 4.92 0.00	80.91 5.22 0.00	72.67 4.88 0.00	69.14 4.86 -0.27	64.10 3.95 -5.26	64.91 3.69 -9.18	56.96 3.67 -0.01	56.56 3.43 -0.33
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.41 2.54 0.00	49.38 2.26 0.00	47.68 2.18 0.00	46.88 2.02 0.00	48.32 1.99 0.00	47.92 2.02 0.00	56.13 2.57 0.00	61.56 2.88 0.00	64.46 2.78 0.00	53.69 2.36 0.00	61.07 3.07 0.00	55.15 2.83 0.00	55.71 2.95 0.00	56.66 3.06 0.00	58.60 3.21 0.00	64.19 3.38 -3.50	73.47 4.16 0.00	80.16 4.47 0.00	71.99 4.20 0.00	68.44 4.16 -0.27	63.59 3.46 -5.25	64.47 3.28 -9.16	56.54 3.25 -0.01	56.19 3.06 -0.33
EAST_HAMPTON___DIESEL 23722	67.14 6.35 -11.92	60.90 6.03 -7.75	51.29 5.78 -0.01	50.39 5.52 -0.01	51.99 5.65 -0.01	52.79 5.69 -1.20	66.08 6.91 -5.60	71.86 7.51 -5.66	71.82 7.46 -2.67	57.09 5.75 -0.01	64.85 6.84 -0.01	58.61 6.28 -0.01	60.01 6.59 -0.67	60.20 6.59 -0.01	68.15 6.70 -6.06	72.84 7.16 -8.37	92.38 8.59 -14.47	110.78 8.63 -26.46	105.81 7.79 -30.22	96.73 7.81 -24.92	85.02 6.42 -23.72	76.71 6.09 -18.59	64.25 6.82 -4.15	59.69 6.55 -0.34
EAST_POINT___SOLAR 323840	50.83 1.96 0.00	49.24 2.12 0.00	47.41 1.91 0.00	46.79 1.93 0.00	48.51 2.18 0.00	48.24 2.34 0.00	56.29 2.73 0.00	62.09 3.40 0.00	63.78 2.10 0.00	51.74 0.41 0.00	58.17 0.17 0.00	52.54 0.21 0.00	53.17 0.42 0.00	54.57 0.97 0.00	57.11 1.72 0.00	64.79 2.58 -4.90	72.71 3.40 0.00	79.70 4.01 0.00	71.58 3.79 0.00	67.84 3.45 -0.38	65.04 2.80 -7.36	67.42 2.55 -12.84	55.90 2.61 -0.01	55.90 2.64 -0.47
EAST_PULASKI___ESR 323781	48.04 -0.83 0.00	46.36 -0.76 0.00	44.77 -0.73 0.00	44.14 -0.72 0.00	45.64 -0.69 0.00	45.21 -0.69 0.00	52.81 -0.75 0.00	57.69 -1.00 0.00	60.64 -1.05 0.00	50.36 -0.98 0.00	56.60 -1.39 0.00	51.12 -1.20 0.00	51.49 -1.27 0.00	52.37 -1.23 0.00	54.12 -1.27 0.00	56.19 -1.38 -0.26	67.65 -1.66 0.00	74.10 -1.59 0.00	66.23 -1.56 0.00	62.43 -1.60 -0.02	53.90 -1.37 -0.39	51.46 -1.25 -0.67	52.00 -1.28 0.00	51.61 -1.21 -0.02
EAST_RIVER___1 323558	51.75 2.88 0.00	49.75 2.64 0.00	48.00 2.50 0.00	47.20 2.33 0.00	48.60 2.27 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.97 3.28 0.00	64.89 3.21 0.00	54.00 2.67 0.00	61.59 3.60 0.00	55.62 3.30 0.00	56.29 3.53 0.00	57.14 3.54 0.00	59.10 3.71 0.00	64.71 3.90 -3.50	74.16 4.85 0.00	80.91 5.22 0.00	72.67 4.88 0.00	69.08 4.80 -0.27	64.10 3.95 -5.26	64.96 3.75 -9.18	57.02 3.73 -0.01	56.61 3.48 -0.33
EAST_RIVER___2 323559	51.75 2.88 0.00	49.71 2.59 0.00	47.95 2.46 0.00	47.15 2.29 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.40 2.84 0.00	61.91 3.23 0.00	64.83 3.14 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.25 0.00	56.29 3.53 0.00	57.14 3.54 0.00	59.10 3.71 0.00	64.71 3.90 -3.50	74.23 4.92 0.00	80.91 5.22 0.00	72.67 4.88 0.00	69.14 4.86 -0.27	64.10 3.95 -5.26	64.91 3.69 -9.18	56.96 3.67 -0.01	56.56 3.43 -0.33
EAST___DELAWARE_HYD 23607	51.70 2.83 0.00	49.80 2.68 0.00	48.05 2.55 0.00	47.28 2.42 0.00	48.78 2.45 0.00	48.29 2.39 0.00	56.50 2.94 0.00	61.74 3.05 0.00	64.77 3.08 0.00	53.54 2.21 0.00	60.43 2.44 0.00	54.47 2.15 0.00	55.07 2.32 0.00	56.23 2.63 0.00	58.21 2.82 0.00	63.60 3.09 -3.20	73.26 3.95 0.00	80.16 4.46 0.00	71.99 4.20 0.00	68.35 4.10 -0.25	63.09 3.40 -4.80	63.75 3.33 -8.39	56.38 3.09 -0.01	55.95 2.85 -0.30
EIGHT_POINT___WT_PWR 323820	47.16 -1.71 0.00	45.38 -1.74 0.00	43.86 -1.64 0.00	43.83 -1.03 0.00	45.82 -0.51 0.00	45.53 -0.37 0.00	53.19 -0.37 0.00	57.04 -1.64 0.00	59.59 -2.10 0.00	49.28 -2.05 0.00	54.05 -3.95 0.00	48.45 -3.87 0.00	48.48 -4.27 0.00	66.60 -4.82 -17.82	64.65 -5.59 -14.85	84.19 -5.85 -32.73	103.06 -6.59 -40.33	113.02 -6.66 -43.99	101.48 -6.03 -39.72	95.32 -6.21 -37.53	83.89 -5.27 -34.27	76.55 -5.31 -29.83	54.32 -4.58 -5.63	48.17 -4.70 -0.07
ELBRIDGE_115KV_TB2 80188	47.94 -0.93 0.00	46.22 -0.90 0.00	44.63 -0.86 0.00	44.06 -0.81 0.00	45.54 -0.79 0.00	45.03 -0.87 0.00	52.60 -0.96 0.00	57.34 -1.35 0.00	60.27 -1.42 0.00	50.05 -1.28 0.00	56.20 -1.80 0.00	50.65 -1.67 0.00	51.07 -1.69 0.00	51.89 -1.72 0.00	53.56 -1.83 0.00	55.85 -1.83 -0.38	67.23 -2.08 0.00	73.65 -2.04 0.00	65.96 -1.83 0.00	62.18 -1.86 -0.03	53.86 -1.59 -0.57	51.41 -1.61 -0.99	51.63 -1.65 0.00	51.30 -1.53 -0.04
ELEC_TRO_TEK 24086	72.75 3.27 -20.61	63.54 3.02 -13.41	48.38 2.87 -0.02	47.66 2.78 -0.02	49.08 2.73 -0.02	50.73 2.75 -2.08	66.62 3.37 -9.69	72.11 3.64 -9.79	69.94 3.64 -4.62	54.48 3.13 -0.02	61.84 3.83 -0.02	55.90 3.56 -0.02	57.60 3.69 -1.15	57.42 3.81 -0.02	69.86 3.99 -10.48	73.41 4.18 -11.92	99.46 5.13 -25.02	126.74 5.30 -45.75	125.06 5.02 -52.26	111.82 4.93 -42.88	96.22 4.17 -37.17	81.44 3.95 -25.45	64.49 4.05 -7.16	57.00 3.85 -0.35
ELLENBURG_WT_PWR 323604	48.04 -0.83 0.00	46.36 -0.76 0.00	44.77 -0.73 0.00	44.14 -0.72 0.00	45.64 -0.69 0.00	45.30 -0.60 0.00	53.13 -0.43 0.00	58.69 0.00 0.00	62.30 0.62 0.00	52.26 0.92 0.00	59.04 1.05 0.00	53.43 1.10 0.00	53.70 0.95 0.00	54.57 0.97 0.00	56.44 1.05 0.00	58.22 0.91 0.00	70.28 0.97 0.00	76.23 0.53 0.00	67.79 0.00 0.00	63.94 -0.06 0.00	54.83 -0.05 0.00	52.09 0.05 0.00	53.17 -0.11 0.00	52.53 -0.26 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	46.67 -2.20 0.00	44.67 -2.45 0.00	43.36 -2.14 0.00	43.16 -1.70 0.00	44.66 -1.67 0.00	43.38 -2.52 0.00	50.35 -3.21 0.00	53.23 -5.46 0.00	55.89 -5.80 0.00	46.40 -4.93 0.00	50.86 -7.13 0.00	45.58 -6.75 0.00	45.53 -7.23 0.00	40.44 -7.40 5.76	42.55 -8.03 4.81	38.46 -8.02 10.82	47.12 -9.15 13.04	52.31 -9.16 14.23	46.54 -8.41 12.85	43.42 -8.51 12.08	37.56 -7.24 10.08	35.35 -7.13 9.55	44.96 -6.50 1.82	46.30 -6.55 -0.05
EMPIRE_CC_1 323656	50.29 1.42 0.00	48.53 1.41 0.00	46.86 1.36 0.00	46.17 1.30 0.00	47.63 1.30 0.00	47.18 1.28 0.00	54.79 1.23 0.00	60.15 1.47 0.00	63.04 1.36 0.00	52.41 1.08 0.00	60.08 2.08 0.00	54.21 1.88 0.00	54.76 2.00 0.00	55.64 2.04 0.00	57.55 2.16 0.00	63.73 2.29 -4.12	71.80 2.49 0.00	78.41 2.72 0.00	70.36 2.58 0.00	66.82 2.49 -0.32	63.32 2.25 -6.19	64.97 2.13 -10.80	55.58 2.29 -0.01	55.51 2.32 -0.39
EMPIRE_CC_2 323658	50.29 1.42 0.00	48.53 1.41 0.00	46.86 1.36 0.00	46.17 1.30 0.00	47.63 1.30 0.00	47.18 1.28 0.00	54.79 1.23 0.00	60.15 1.47 0.00	63.04 1.36 0.00	52.41 1.08 0.00	60.08 2.08 0.00	54.21 1.88 0.00	54.76 2.00 0.00	55.64 2.04 0.00	57.55 2.16 0.00	63.73 2.29 -4.12	71.80 2.49 0.00	78.41 2.72 0.00	70.36 2.58 0.00	66.82 2.49 -0.32	63.32 2.25 -6.19	64.97 2.13 -10.80	55.58 2.29 -0.01	55.51 2.32 -0.39
ENORWICH_115KV_TB1 80156	50.82 1.95 0.00	49.05 1.93 0.00	47.55 2.05 0.00	46.93 2.06 0.00	48.65 2.32 0.00	48.33 2.43 0.00	56.99 3.43 0.00	62.62 3.93 0.00	65.70 4.01 0.00	54.36 3.03 0.00	60.66 2.67 0.00	54.37 2.04 0.00	54.44 1.69 0.00	56.25 1.72 -0.93	58.05 1.88 -0.77	63.47 2.01 -4.15	74.25 2.84 -2.10	81.62 3.63 -2.29	72.77 2.91 -2.07	68.54 2.50 -2.04	60.26 2.03 -3.34	60.52 1.51 -6.98	55.01 1.44 -0.30	54.33 1.43 -0.10
ERIE_ST__34_KV_TB1-2 80199	47.45 -1.42 0.00	45.33 -1.79 0.00	44.04 -1.46 0.00	43.88 -0.99 0.00	45.45 -0.88 0.00	44.20 -1.70 0.00	51.36 -2.79 0.00	54.29 -4.40 0.00	56.94 -4.75 0.00	47.23 -4.11 0.00	51.85 -6.15 0.00	46.41 -5.91 0.00	46.32 -6.44 0.00	41.69 -7.29 4.63	43.73 -7.81 3.85	40.83 -7.85 8.63	49.82 -9.01 10.48	55.11 -9.16 11.43	49.20 -8.41 10.32	45.54 -8.64 9.70	39.56 -7.30 7.92	37.24 -7.13 7.57	46.01 -5.81 1.46	45.78 -7.07 -0.06
ERIE_WT_PWR 323693	46.96 -1.91 0.00	45.09 -2.02 0.00	43.54 -1.96 0.00	43.52 -1.34 0.00	45.13 -1.20 0.00	44.20 -1.70 0.00	50.77 -2.79 0.00	53.70 -4.99 0.00	56.32 -5.37 0.00	46.81 -4.52 0.00	51.38 -6.61 0.00	45.94 -6.39 0.00	45.84 -6.91 0.00	41.09 -7.29 5.22	43.07 -7.98 4.35	39.57 -7.96 9.77	48.41 -9.08 11.82	53.49 -9.31 12.89	47.74 -8.41 11.64	44.42 -8.64 10.95	38.55 -7.30 9.04	36.30 -7.13 8.61	45.29 -6.34 1.65	46.30 -6.55 -0.06
ESPRGFLD_115KV_TB1 80157	49.36 0.49 0.00	47.64 0.52 0.00	46.00 0.50 0.00	45.31 0.45 0.00	46.89 0.56 0.00	46.54 0.64 0.00	54.52 0.96 0.00	59.92 1.23 0.00	62.36 0.68 0.00	51.38 0.05 0.00	57.76 -0.23 0.00	52.01 -0.31 0.00	52.38 -0.37 0.00	53.49 -0.11 0.00	55.61 0.22 0.00	58.02 0.63 -0.08	70.35 1.04 0.00	77.13 1.44 0.00	69.15 1.36 0.00	65.16 1.15 -0.01	55.88 0.88 -0.12	52.93 0.68 -0.22	53.87 0.59 0.00	53.33 0.53 -0.01
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.26 0.39 0.00	47.45 0.33 0.00	45.82 0.32 0.00	45.27 0.40 0.00	46.84 0.51 0.00	46.31 0.41 0.00	54.26 0.70 0.00	59.16 0.47 0.00	62.06 0.37 0.00	51.49 0.15 0.00	57.59 -0.41 0.00	51.86 -0.47 0.00	52.23 -0.53 0.00	54.58 -0.59 -1.57	56.09 -0.61 -1.30	63.66 -0.52 -6.86	72.44 -0.42 -3.55	79.48 -0.08 -3.87	71.21 -0.07 -3.49	67.10 -0.26 -3.36	58.68 -0.27 -4.08	62.31 -0.47 -10.74	53.40 -0.37 -0.50	52.45 -0.42 -0.07
ETNA____115KV_TB2 80207	49.26 0.39 0.00	47.45 0.33 0.00	45.82 0.32 0.00	45.27 0.40 0.00	46.84 0.51 0.00	46.31 0.41 0.00	54.26 0.70 0.00	59.16 0.47 0.00	62.06 0.37 0.00	51.49 0.15 0.00	57.59 -0.41 0.00	51.86 -0.47 0.00	52.23 -0.53 0.00	54.58 -0.59 -1.57	56.09 -0.61 -1.30	63.66 -0.52 -6.86	72.44 -0.42 -3.55	79.48 -0.08 -3.87	71.21 -0.07 -3.49	67.10 -0.26 -3.36	58.68 -0.27 -4.08	62.31 -0.47 -10.74	53.40 -0.37 -0.50	52.45 -0.42 -0.07
EUCLID__115KV_TB2 356179	47.70 -1.17 0.00	45.94 -1.18 0.00	44.36 -1.14 0.00	43.79 -1.08 0.00	45.26 -1.07 0.00	44.75 -1.15 0.00	52.22 -1.34 0.00	56.98 -1.70 0.00	59.84 -1.85 0.00	49.74 -1.59 0.00	55.97 -2.03 0.00	50.44 -1.88 0.00	50.80 -1.95 0.00	51.67 -1.93 0.00	53.34 -2.05 0.00	55.54 -2.06 -0.30	66.89 -2.43 0.00	73.27 -2.42 0.00	65.62 -2.17 0.00	61.92 -2.11 -0.02	53.52 -1.81 -0.45	50.99 -1.82 -0.78	51.42 -1.86 0.00	51.08 -1.74 -0.03
E_CANADA_CAP_HY 24051	49.46 0.59 0.00	47.87 0.75 0.00	46.09 0.59 0.00	45.49 0.63 0.00	47.12 0.79 0.00	46.82 0.92 0.00	54.69 1.13 0.00	60.27 1.59 0.00	62.30 0.62 0.00	50.98 -0.36 0.00	57.30 -0.69 0.00	51.64 -0.68 0.00	52.12 -0.63 0.00	53.33 -0.27 0.00	55.73 0.33 0.00	63.39 0.97 -5.11	70.77 1.46 0.00	77.59 1.89 0.00	69.62 1.83 0.00	66.00 1.60 -0.40	63.81 1.26 -7.67	66.45 1.04 -13.37	54.36 1.07 -0.01	54.34 1.06 -0.49
E_CANADA_MHWK_HY 24050	51.31 2.44 0.00	49.47 2.35 0.00	47.77 2.27 0.00	47.11 2.24 0.00	48.69 2.36 0.00	48.33 2.43 0.00	56.56 3.00 0.00	62.21 3.52 0.00	65.69 4.01 0.00	54.82 3.49 0.00	62.05 4.06 0.00	55.99 3.66 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.10 3.71 0.00	60.98 3.67 0.00	73.40 4.09 0.00	80.01 4.31 0.00	71.52 3.73 0.00	67.46 3.45 0.00	57.84 2.96 0.00	55.00 2.96 0.00	56.42 3.14 0.00	55.91 3.11 0.00
E_FISHKILL__LBMP 23776	51.07 2.20 0.00	49.10 1.98 0.00	47.41 1.91 0.00	46.61 1.75 0.00	48.04 1.71 0.00	47.69 1.79 0.00	55.76 2.20 0.00	61.15 2.46 0.00	64.09 2.41 0.00	53.33 2.00 0.00	60.66 2.67 0.00	54.79 2.46 0.00	55.34 2.58 0.00	56.28 2.68 0.00	58.22 2.82 0.00	63.86 2.98 -3.58	72.92 3.60 0.00	79.48 3.78 0.00	71.38 3.59 0.00	67.87 3.58 -0.28	63.27 3.02 -5.37	64.27 2.86 -9.37	56.17 2.88 -0.01	55.83 2.69 -0.34
FALCON__SEABRD_CC1 323796	48.63 -0.24 0.00	46.98 -0.14 0.00	45.36 -0.14 0.00	44.73 -0.13 0.00	46.24 -0.09 0.00	45.90 0.00 0.00	53.88 0.32 0.00	59.51 0.82 0.00	63.16 1.48 0.00	53.08 1.75 0.00	59.91 1.91 0.00	54.21 1.88 0.00	54.44 1.69 0.00	55.26 1.66 0.00	57.16 1.77 0.00	59.03 1.72 0.00	71.25 1.94 0.00	77.21 1.51 0.00	68.67 0.88 0.00	64.78 0.77 0.00	55.54 0.66 0.00	52.86 0.83 0.00	53.87 0.59 0.00	53.22 0.42 0.00
FALCON__SEABRD_CC2 323797	48.63 -0.24 0.00	46.98 -0.14 0.00	45.36 -0.14 0.00	44.73 -0.13 0.00	46.24 -0.09 0.00	45.90 0.00 0.00	53.88 0.32 0.00	59.51 0.82 0.00	63.16 1.48 0.00	53.08 1.75 0.00	59.91 1.91 0.00	54.21 1.88 0.00	54.44 1.69 0.00	55.26 1.66 0.00	57.16 1.77 0.00	59.03 1.72 0.00	71.25 1.94 0.00	77.21 1.51 0.00	68.67 0.88 0.00	64.78 0.77 0.00	55.54 0.66 0.00	52.86 0.83 0.00	53.87 0.59 0.00	53.22 0.42 0.00

FAR ROCKAWAY___4 23548	74.16 3.96 -21.33	64.63 3.63 -13.88	49.07 3.55 -0.02	48.29 3.41 -0.02	49.78 3.43 -0.02	51.45 3.40 -2.15	67.72 4.12 -10.03	73.34 4.52 -10.13	70.97 4.50 -4.78	55.25 3.90 -0.02	62.71 4.70 -0.02	56.64 4.29 -0.02	58.33 4.38 -1.19	58.18 4.56 -0.02	71.01 4.76 -10.85	74.51 4.99 -12.22	101.32 6.10 -25.91	129.49 6.43 -47.36	127.92 6.03 -54.10	114.28 5.89 -44.38	98.17 4.99 -38.29	82.74 4.68 -26.02	65.44 4.74 -7.42	57.74 4.59 -0.35
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.97 3.29 0.00	64.89 3.21 0.00	54.05 2.72 0.00	61.59 3.60 0.00	55.62 3.30 0.00	56.24 3.48 0.00	57.14 3.54 0.00	59.10 3.71 0.00	64.71 3.90 -3.50	74.16 4.85 0.00	80.84 5.15 0.00	72.67 4.88 0.00	69.08 4.80 -0.27	64.15 4.01 -5.26	64.96 3.75 -9.18	57.02 3.73 -0.01	56.62 3.48 -0.33
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.75 2.88 0.00	49.66 2.54 0.00	47.96 2.46 0.00	47.06 2.20 0.00	48.51 2.18 0.00	48.15 2.25 0.00	56.51 2.95 0.00	61.97 3.29 0.00	64.89 3.21 0.00	54.05 2.72 0.00	61.59 3.60 0.00	55.62 3.30 0.00	56.24 3.48 0.00	57.19 3.59 0.00	59.10 3.71 0.00	64.71 3.90 -3.50	74.23 4.92 0.00	80.92 5.22 0.00	72.74 4.95 0.00	69.14 4.86 -0.27	64.15 4.01 -5.26	64.96 3.75 -9.18	57.02 3.73 -0.01	56.62 3.48 -0.33
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.90 3.03 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.83 3.15 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.24 0.00	56.18 3.43 0.00	57.14 3.54 0.00	59.10 3.71 0.00	64.65 3.84 -3.50	74.16 4.85 0.00	80.84 5.15 0.00	72.67 4.88 0.00	69.08 4.80 -0.27	64.09 3.95 -5.26	64.96 3.75 -9.18	56.97 3.68 -0.01	56.62 3.48 -0.33
FARRAGUT___LBMP 323566	51.70 2.83 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.06 2.16 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.77 3.08 0.00	53.95 2.62 0.00	61.53 3.54 0.00	55.57 3.24 0.00	56.13 3.38 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.59 3.78 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.02 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
FENNER___WINDPWR 24204	49.46 0.59 0.00	47.73 0.61 0.00	46.14 0.64 0.00	45.49 0.63 0.00	47.03 0.70 0.00	46.63 0.73 0.00	54.47 0.91 0.00	59.62 0.94 0.00	62.67 0.98 0.00	52.00 0.67 0.00	58.46 0.46 0.00	52.64 0.32 0.00	53.02 0.27 0.00	53.87 0.27 0.00	55.73 0.33 0.00	58.60 0.29 -1.01	69.73 0.42 0.00	76.37 0.68 0.00	68.33 0.54 0.00	64.42 0.39 -0.03	55.78 0.28 -0.62	54.46 0.21 -2.22	53.50 0.21 0.00	53.05 0.21 -0.04
FIBERTEK___ENERGY 23856	48.19 -0.68 0.00	46.46 -0.66 0.00	44.86 -0.64 0.00	44.28 -0.58 0.00	45.77 -0.56 0.00	45.26 -0.64 0.00	52.86 -0.70 0.00	57.69 -1.00 0.00	60.64 -1.05 0.00	50.36 -0.98 0.00	56.60 -1.39 0.00	51.02 -1.31 0.00	51.43 -1.32 0.00	52.26 -1.34 0.00	53.95 -1.44 0.00	56.23 -1.43 -0.36	67.65 -1.66 0.00	74.18 -1.51 0.00	66.43 -1.36 0.00	62.62 -1.41 -0.03	54.15 -1.26 -0.54	51.67 -1.30 -0.93	51.95 -1.33 0.00	51.62 -1.21 -0.03
FITZPATRICK___ 23598	47.01 -1.86 0.00	45.28 -1.84 0.00	43.72 -1.78 0.00	43.16 -1.70 0.00	44.62 -1.71 0.00	44.16 -1.74 0.00	51.47 -2.09 0.00	56.22 -2.46 0.00	59.10 -2.59 0.00	49.13 -2.21 0.00	55.33 -2.67 0.00	49.87 -2.46 0.00	50.27 -2.48 0.00	51.14 -2.46 0.00	52.79 -2.60 0.00	54.83 -2.69 -0.21	66.12 -3.19 0.00	72.36 -3.33 0.00	64.81 -2.98 0.00	61.14 -2.88 -0.02	52.73 -2.47 -0.32	50.19 -2.39 -0.55	50.83 -2.45 0.00	50.50 -2.32 -0.02
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.61 2.74 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.11 2.24 0.00	48.60 2.27 0.00	48.20 2.30 0.00	56.40 2.84 0.00	61.68 2.99 0.00	64.71 3.02 0.00	53.64 2.31 0.00	60.78 2.78 0.00	54.84 2.51 0.00	55.39 2.64 0.00	56.55 2.95 0.00	58.49 3.10 0.00	64.21 3.38 -3.52	73.47 4.16 0.00	80.23 4.54 0.00	72.06 4.27 0.00	68.50 4.22 -0.28	63.68 3.51 -5.29	64.64 3.38 -9.22	56.54 3.25 -0.01	56.19 3.06 -0.34
FORT ORANGE___ 23900	50.39 1.52 0.00	48.62 1.51 0.00	47.00 1.50 0.00	46.30 1.44 0.00	47.81 1.48 0.00	47.37 1.47 0.00	55.11 1.55 0.00	60.45 1.76 0.00	63.35 1.67 0.00	52.51 1.18 0.00	59.85 1.86 0.00	54.00 1.67 0.00	54.55 1.79 0.00	55.26 1.66 0.00	57.22 1.83 0.00	63.50 1.95 -4.24	71.67 2.36 0.00	78.19 2.49 0.00	70.30 2.51 0.00	66.64 2.30 -0.33	63.29 2.03 -6.38	65.03 1.87 -11.12	55.53 2.24 -0.01	55.63 2.43 -0.40
FORT_DRUM_COGEN 23780	49.46 0.59 0.00	47.82 0.71 0.00	46.27 0.77 0.00	45.45 0.58 0.00	46.98 0.65 0.00	46.59 0.69 0.00	54.69 1.12 0.00	60.27 1.58 0.00	63.41 1.73 0.00	52.56 1.23 0.00	59.10 1.10 0.00	53.22 0.89 0.00	53.39 0.63 0.00	54.41 0.80 0.00	56.22 0.83 0.00	58.11 0.63 -0.18	70.00 0.69 0.00	76.90 1.21 0.00	68.60 0.81 0.00	64.66 0.64 -0.01	55.59 0.44 -0.27	53.12 0.62 -0.46	53.92 0.64 0.00	53.39 0.58 -0.02
FOX_HILLS___ESR 323835	52.39 3.52 0.00	50.27 3.16 0.00	48.55 3.05 0.00	47.60 2.74 0.00	49.06 2.73 0.00	48.66 2.75 0.00	57.10 3.53 0.00	62.62 3.93 0.00	65.57 3.89 0.00	54.41 3.08 0.00	61.71 3.71 0.00	55.67 3.35 0.00	56.18 3.43 0.00	57.19 3.59 0.00	59.16 3.77 0.00	64.88 4.07 -3.50	74.30 4.99 0.00	81.07 5.37 0.00	72.81 5.02 0.00	69.27 4.99 -0.27	64.26 4.12 -5.26	65.12 3.90 -9.18	57.18 3.89 -0.01	56.83 3.70 -0.33
FPL_FAR_ROCK_GT1 24212	74.16 3.96 -21.33	64.72 3.72 -13.88	49.16 3.64 -0.02	48.43 3.54 -0.02	49.87 3.52 -0.02	51.40 3.35 -2.15	67.72 4.12 -10.03	73.34 4.52 -10.13	70.96 4.50 -4.78	55.20 3.85 -0.02	62.71 4.70 -0.02	56.64 4.29 -0.02	58.43 4.48 -1.19	58.18 4.55 -0.02	71.01 4.76 -10.85	74.51 4.98 -12.22	101.32 6.10 -25.91	129.49 6.43 -47.36	127.92 6.03 -54.10	114.27 5.88 -44.38	98.17 4.99 -38.29	82.74 4.69 -26.02	65.44 4.74 -7.42	57.74 4.59 -0.35
FPL_FAR_ROCK_GT2 23815	74.16 3.96 -21.33	64.72 3.72 -13.88	49.16 3.64 -0.02	48.43 3.54 -0.02	49.87 3.52 -0.02	51.40 3.35 -2.15	67.72 4.12 -10.03	73.34 4.52 -10.13	70.96 4.50 -4.78	55.20 3.85 -0.02	62.71 4.70 -0.02	56.64 4.29 -0.02	58.43 4.48 -1.19	58.18 4.55 -0.02	71.01 4.76 -10.85	74.51 4.98 -12.22	101.32 6.10 -25.91	129.49 6.43 -47.36	127.92 6.03 -54.10	114.27 5.88 -44.38	98.17 4.99 -38.29	82.74 4.69 -26.02	65.44 4.74 -7.42	57.74 4.59 -0.35
FRANKLIN_FALL_HYD 24054	49.07 0.20 0.00	47.45 0.33 0.00	45.82 0.32 0.00	45.18 0.31 0.00	46.70 0.37 0.00	46.36 0.46 0.00	54.31 0.75 0.00	60.10 1.41 0.00	63.72 2.04 0.00	53.44 2.10 0.00	60.20 2.20 0.00	54.52 2.20 0.00	54.86 2.11 0.00	55.48 1.88 0.00	57.39 1.99 0.00	59.20 1.89 0.00	71.46 2.15 0.00	77.51 1.82 0.00	68.87 1.08 0.00	65.03 1.02 0.00	55.76 0.88 0.00	53.28 1.25 0.00	54.35 1.07 0.00	53.69 0.90 0.00

FREEPORT_EQUS_GT1 23764	68.12	60.66	48.88	48.15	49.59	50.59	64.61	70.17	69.23	54.84	62.30	56.27	57.74	57.80	67.62	71.74	93.78	116.08	112.67	101.77	88.75	77.79	63.10	57.42
	3.71	3.44	3.37	3.27	3.24	3.12	3.75	4.11	4.07	3.49	4.29	3.93	4.12	4.18	4.32	4.59	5.61	5.91	5.49	5.38	4.55	4.32	4.42	4.27
	-15.53	-10.11	-0.01	-0.01	-0.01	-1.57	-7.30	-7.38	-3.48	-0.01	-0.01	-0.01	-0.87	-0.01	-7.90	-9.85	-18.86	-34.48	-39.39	-32.39	-29.31	-21.44	-5.40	-0.35
FREEPORT___CT2 23818	68.12	60.66	48.88	48.15	49.59	50.59	64.61	70.17	69.23	54.84	62.30	56.27	57.74	57.80	67.62	71.74	93.78	116.08	112.67	101.77	88.75	77.79	63.10	57.42
	3.71	3.44	3.37	3.27	3.24	3.12	3.75	4.11	4.07	3.49	4.29	3.93	4.12	4.18	4.32	4.59	5.61	5.91	5.49	5.38	4.55	4.32	4.42	4.27
	-15.53	-10.11	-0.01	-0.01	-0.01	-1.57	-7.30	-7.38	-3.48	-0.01	-0.01	-0.01	-0.87	-0.01	-7.90	-9.85	-18.86	-34.48	-39.39	-32.39	-29.31	-21.44	-5.40	-0.35
FRESHKLS_33_KV_LOAD 356253	52.54	50.42	48.64	47.69	49.20	48.75	57.26	62.79	65.76	54.46	61.59	55.52	56.02	57.09	59.05	64.82	74.23	80.99	72.74	69.14	64.20	65.07	57.12	56.77
	3.67	3.30	3.14	2.83	2.87	2.85	3.70	4.11	4.07	3.13	3.60	3.19	3.27	3.48	3.66	4.01	4.92	5.30	4.95	4.86	4.06	3.85	3.84	3.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.50	0.00	0.00	0.00	-0.27	-5.26	-9.18	-0.01	-0.33
FULTON COGEN____ 23766	47.45	45.75	44.18	43.61	45.08	44.62	52.06	56.87	59.77	49.64	55.85	50.34	50.75	51.62	53.29	55.47	66.82	73.19	65.55	61.79	53.38	50.84	51.31	50.92
	-1.42	-1.37	-1.32	-1.26	-1.25	-1.29	-1.50	-1.82	-1.91	-1.69	-2.15	-1.99	-2.00	-1.98	-2.10	-2.12	-2.50	-2.50	-2.24	-2.24	-1.92	-1.93	-1.97	-1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	0.00	-0.02	-0.42	-0.73	0.00	-0.03
FULTON___LFGE 323630	50.68	49.05	47.27	46.61	48.32	48.01	56.03	61.68	63.78	52.20	58.64	52.80	53.33	54.51	57.00	64.57	72.43	79.33	71.24	67.52	64.75	67.10	55.69	55.69
	1.81	1.93	1.77	1.75	1.99	2.11	2.47	2.99	2.10	0.87	0.64	0.47	0.58	0.91	1.61	2.41	3.12	3.63	3.46	3.14	2.58	2.34	2.40	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.85	0.00	0.00	0.00	-0.38	-7.29	-12.72	-0.01	-0.46
G.F.CEMENT___DRP 24184	50.97	49.38	47.59	46.97	48.69	48.38	56.24	61.91	64.52	53.39	60.37	54.37	54.86	55.75	57.94	64.60	72.71	79.48	71.38	67.68	64.33	66.33	56.11	56.18
	2.10	2.26	2.09	2.11	2.36	2.48	2.68	3.23	2.84	2.05	2.38	2.04	2.11	2.14	2.55	2.87	3.40	3.78	3.59	3.33	2.80	2.71	2.82	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.42	0.00	0.00	0.00	-0.35	-6.65	-11.59	-0.01	-0.42
GARDENVILLE___LBMP 24039	46.77	44.76	43.41	43.25	44.85	43.56	50.56	53.46	56.13	46.56	51.04	45.73	45.63	39.86	42.08	37.32	45.74	50.73	45.18	42.08	36.39	34.23	44.81	46.20
	-2.10	-2.36	-2.09	-1.62	-1.48	-2.34	-3.00	-5.22	-5.55	-4.77	-6.96	-6.59	-7.12	-7.34	-7.98	-7.97	-9.08	-9.16	-8.34	-8.51	-7.24	-7.13	-6.45	-6.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.40	5.34	12.02	14.49	15.80	14.27	13.42	11.24	10.68	2.02	-0.06
GARDNVLA_35_KV_LD 355827	47.06	45.00	43.68	43.52	45.13	43.84	50.88	53.82	56.50	46.92	51.44	46.05	46.00	41.41	43.36	40.10	49.04	54.33	48.43	45.13	39.12	36.78	45.47	46.36
	-1.81	-2.12	-1.82	-1.35	-1.20	-2.07	-2.68	-4.87	-5.18	-4.41	-6.55	-6.28	-6.75	-7.18	-7.87	-7.85	-8.94	-9.01	-8.20	-8.38	-7.13	-7.02	-6.23	-6.49
	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	5.00	4.17	9.36	11.33	12.36	11.16	10.49	8.63	8.23	1.58	-0.06
GELCKHM___115KV_LOAD 80723	47.84	46.13	44.54	43.97	45.45	44.94	52.44	57.28	60.14	50.00	56.20	50.65	51.07	51.94	53.62	55.79	67.23	73.65	65.96	62.17	53.77	51.26	51.63	51.30
	-1.03	-0.99	-0.96	-0.90	-0.88	-0.96	-1.12	-1.41	-1.54	-1.33	-1.80	-1.67	-1.69	-1.66	-1.77	-1.83	-2.08	-2.04	-1.83	-1.86	-1.59	-1.61	-1.65	-1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	0.00	0.00	0.00	-0.02	-0.48	-0.83	0.00	-0.03
GENERAL___MILLS 23808	46.96	44.90	43.59	43.43	44.99	43.74	50.78	53.70	56.32	46.76	51.27	45.94	45.84	41.04	43.07	39.57	48.41	53.64	47.81	44.49	38.60	36.29	45.29	46.20
	-1.91	-2.21	-1.91	-1.44	-1.34	-2.16	-2.79	-4.99	-5.37	-4.57	-6.73	-6.38	-6.91	-7.34	-7.98	-7.97	-9.08	-9.16	-8.34	-8.58	-7.24	-7.13	-6.34	-6.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.22	4.35	9.77	11.82	12.89	11.64	10.94	9.04	8.61	1.65	-0.06
GE_PLASTICS___DRP 24183	50.24	48.44	46.77	46.12	47.58	47.19	54.79	59.98	62.98	52.31	59.56	53.74	54.23	55.05	56.94	63.21	71.18	77.66	69.76	66.26	62.84	64.65	55.05	55.05
	1.37	1.32	1.27	1.26	1.25	1.29	1.23	1.29	1.30	0.98	1.57	1.41	1.48	1.45	1.55	1.66	1.87	1.97	1.97	1.92	1.59	1.51	1.76	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.24	0.00	0.00	0.00	-0.33	-6.37	-11.10	-0.01	-0.40
GILBOA___1 23756	50.04	48.20	46.59	45.90	47.30	46.87	54.69	59.98	62.92	52.31	59.33	53.53	54.07	54.89	56.78	62.17	71.04	77.59	69.55	66.00	61.43	62.23	54.73	54.49
	1.17	1.08	1.09	1.03	0.97	0.97	1.13	1.29	1.23	0.97	1.33	1.20	1.32	1.28	1.39	1.49	1.73	1.89	1.76	1.73	1.48	1.35	1.44	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.38	0.00	0.00	0.00	-0.26	-5.07	-8.85	-0.01	-0.32
GILBOA___2 23757	50.04	48.20	46.59	45.90	47.30	46.87	54.69	59.98	62.92	52.31	59.33	53.53	54.07	54.89	56.78	62.17	71.04	77.59	69.55	66.00	61.43	62.23	54.73	54.49
	1.17	1.08	1.09	1.03	0.97	0.97	1.13	1.29	1.23	0.97	1.33	1.20	1.32	1.28	1.39	1.49	1.73	1.89	1.76	1.73	1.48	1.35	1.44	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.38	0.00	0.00	0.00	-0.26	-5.07	-8.85	-0.01	-0.32
GILBOA___3 23758	50.04	48.20	46.59	45.90	47.30	46.87	54.69	59.98	62.92	52.31	59.33	53.53	54.07	54.89	56.78	62.17	71.04	77.59	69.55	66.00	61.43	62.23	54.73	54.49
	1.17	1.08	1.09	1.03	0.97	0.97	1.13	1.29	1.23	0.97	1.33	1.20	1.32	1.28	1.39	1.49	1.73	1.89	1.76	1.73	1.48	1.35	1.44	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.38	0.00	0.00	0.00	-0.26	-5.07	-8.85	-0.01	-0.32
GILBOA___4 23759	50.04	48.20	46.59	45.90	47.30	46.87	54.69	59.98	62.92	52.31	59.33	53.53	54.07	54.89	56.78	62.17	71.04	77.59	69.55	66.00	61.43	62.23	54.73	54.49
	1.17	1.08	1.09	1.03	0.97	0.97	1.13	1.29	1.23	0.97	1.33	1.20	1.32	1.28	1.39	1.49	1.73	1.89	1.76	1.73	1.48	1.35	1.44	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.38	0.00	0.00	0.00	-0.26	-5.07	-8.85	-0.01	-0.32

GILBOA____ 23599	50.04 1.17 0.00	48.20 1.08 0.00	46.55 1.05 0.00	45.85 0.99 0.00	47.30 0.97 0.00	46.91 1.01 0.00	54.74 1.18 0.00	59.98 1.29 0.00	62.92 1.23 0.00	52.31 0.98 0.00	59.33 1.33 0.00	53.53 1.20 0.00	54.02 1.27 0.00	54.89 1.29 0.00	56.78 1.38 0.00	62.18 1.49 -3.38	71.04 1.73 0.00	77.51 1.82 0.00	69.55 1.76 0.00	66.00 1.73 -0.26	61.43 1.48 -5.07	62.24 1.35 -8.85	54.73 1.44 -0.01	54.49 1.37 -0.32
GINNA____ 23603	45.40 -3.47 0.00	43.77 -3.34 0.00	42.22 -3.28 0.00	41.77 -3.10 0.00	43.23 -3.10 0.00	42.60 -3.31 0.00	49.49 -4.07 0.00	53.64 -5.05 0.00	56.50 -5.18 0.00	46.97 -4.36 0.00	52.31 -5.68 0.00	46.94 -5.39 0.00	47.22 -5.54 0.00	48.24 -5.36 0.00	49.52 -5.87 0.00	51.54 -5.90 -0.13	62.52 -6.79 0.00	68.81 -6.89 0.00	61.35 -6.44 0.00	57.83 -6.21 -0.03	50.26 -5.27 -0.64	47.22 -5.36 -0.54	47.69 -5.59 0.00	47.98 -4.86 -0.04
GLEN PARK____ 23778	49.60 0.73 0.00	47.97 0.85 0.00	46.36 0.86 0.00	45.58 0.72 0.00	47.12 0.79 0.00	46.77 0.87 0.00	54.90 1.34 0.00	60.45 1.76 0.00	63.60 1.91 0.00	52.66 1.33 0.00	59.16 1.16 0.00	53.21 0.89 0.00	53.39 0.64 0.00	54.46 0.85 0.00	56.28 0.88 0.00	58.23 0.74 -0.18	70.21 0.90 0.00	77.21 1.51 0.00	68.87 1.08 0.00	64.85 0.83 -0.01	55.76 0.60 -0.27	53.30 0.78 -0.48	54.03 0.75 0.00	53.50 0.68 -0.02
GLENDALE_27_KV_LOAD 356172	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.61 2.71 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.51 3.82 0.00	54.57 3.23 0.00	62.11 4.12 0.00	56.09 3.77 0.00	56.71 3.96 0.00	57.62 4.02 0.00	59.60 4.21 0.00	65.22 4.41 -3.50	74.79 5.48 0.00	81.60 5.90 0.00	73.35 5.56 0.00	69.72 5.44 -0.27	64.64 4.50 -5.26	65.43 4.21 -9.18	57.50 4.21 -0.01	57.09 3.96 -0.33
GLENWOOD_IC_1_G5 23712	71.17 3.32 -18.98	62.48 3.02 -12.35	48.38 2.87 -0.02	47.62 2.74 -0.02	49.08 2.73 -0.02	50.57 2.75 -1.91	65.91 3.43 -8.92	71.40 3.70 -9.01	69.64 3.70 -4.25	54.48 3.13 -0.02	61.96 3.94 -0.02	55.95 3.61 -0.02	57.56 3.75 -1.06	57.48 3.86 -0.02	69.09 4.04 -9.65	72.80 4.24 -11.25	97.55 5.20 -23.04	123.35 5.53 -42.13	121.06 5.15 -48.12	108.57 5.06 -39.51	93.75 4.23 -34.64	80.20 4.01 -24.16	63.93 4.05 -6.60	57.00 3.85 -0.35
GLENWOOD_IC_2_G1 23688	52.73 2.98 -0.88	50.47 2.78 -0.57	48.18 2.68 0.00	47.38 2.51 0.00	48.78 2.45 0.00	48.42 2.43 -0.09	56.97 3.00 -0.41	62.45 3.34 -0.42	65.15 3.27 -0.20	54.10 2.77 0.00	61.54 3.54 0.00	55.57 3.25 0.00	56.28 3.48 -0.05	57.08 3.48 0.00	59.49 3.65 -0.45	65.07 3.90 -3.86	75.16 4.78 -1.07	82.71 5.07 -1.95	74.76 4.74 -2.23	70.76 4.67 -2.09	65.40 3.90 -6.62	65.60 3.69 -9.87	57.32 3.73 -0.31	56.67 3.54 -0.33
GLENWOOD_IC_3_G1 23689	52.73 2.98 -0.88	50.47 2.78 -0.57	48.18 2.68 0.00	47.38 2.51 0.00	48.78 2.45 0.00	48.42 2.43 -0.09	56.97 3.00 -0.41	62.45 3.34 -0.42	65.15 3.27 -0.20	54.10 2.77 0.00	61.54 3.54 0.00	55.57 3.25 0.00	56.28 3.48 -0.05	57.08 3.48 0.00	59.49 3.65 -0.45	65.07 3.90 -3.86	75.16 4.78 -1.07	82.71 5.07 -1.95	74.76 4.74 -2.23	70.76 4.67 -2.09	65.40 3.90 -6.62	65.60 3.69 -9.87	57.32 3.73 -0.31	56.67 3.54 -0.33
GLENWOOD____4 23550	71.17 3.32 -18.98	62.48 3.02 -12.35	48.38 2.87 -0.02	47.62 2.74 -0.02	49.08 2.73 -0.02	50.57 2.75 -1.91	65.91 3.43 -8.92	71.40 3.70 -9.01	69.64 3.70 -4.25	54.48 3.13 -0.02	61.96 3.94 -0.02	55.95 3.61 -0.02	57.56 3.75 -1.06	57.48 3.86 -0.02	69.09 4.04 -9.65	72.80 4.24 -11.25	97.55 5.20 -23.04	123.35 5.53 -42.13	121.06 5.15 -48.12	108.57 5.06 -39.51	93.75 4.23 -34.64	80.20 4.01 -24.16	63.93 4.05 -6.60	57.00 3.85 -0.35
GLENWOOD____5 23614	71.17 3.32 -18.98	62.48 3.02 -12.35	48.38 2.87 -0.02	47.62 2.74 -0.02	49.08 2.73 -0.02	50.57 2.75 -1.91	65.91 3.43 -8.92	71.40 3.70 -9.01	69.64 3.70 -4.25	54.48 3.13 -0.02	61.96 3.94 -0.02	55.95 3.61 -0.02	57.56 3.75 -1.06	57.48 3.86 -0.02	69.09 4.04 -9.65	72.80 4.24 -11.25	97.55 5.20 -23.04	123.35 5.53 -42.13	121.06 5.15 -48.12	108.57 5.06 -39.51	93.75 4.23 -34.64	80.20 4.01 -24.16	63.93 4.05 -6.60	57.00 3.85 -0.35
GLOBAL GREEN_PORT_GT1 23814	67.10 6.31 -11.92	60.86 5.98 -7.75	51.24 5.73 -0.01	50.34 5.47 -0.01	51.94 5.60 -0.01	52.75 5.64 -1.20	66.02 6.86 -5.60	71.80 7.45 -5.66	71.75 7.40 -2.67	57.09 5.75 -0.01	64.85 6.84 -0.01	58.61 6.28 -0.01	59.96 6.54 -0.67	60.15 6.54 -0.01	68.10 6.64 -6.06	72.78 7.10 -8.37	92.38 8.59 -14.47	110.70 8.55 -26.46	105.81 7.79 -30.22	96.66 7.74 -24.92	85.02 6.42 -23.72	76.66 6.03 -18.59	64.20 6.77 -4.15	59.63 6.49 -0.34
GLOBE____DSASP 323697	45.35 -3.52 0.00	43.40 -3.72 0.00	42.13 -3.37 0.00	41.81 -3.05 0.00	43.18 -3.15 0.00	41.82 -4.09 0.00	48.42 -5.14 0.00	51.12 -7.57 0.00	53.79 -7.90 0.00	44.76 -6.57 0.00	49.01 -8.99 0.00	43.95 -8.37 0.00	43.94 -8.81 0.00	41.54 -7.93 4.13	43.29 -8.64 3.46	40.99 -8.60 7.73	50.12 -9.84 9.34	55.66 -9.84 10.19	49.57 -9.02 9.20	46.41 -8.96 8.64	40.22 -7.57 7.08	37.97 -7.39 6.67	44.89 -7.09 1.30	46.30 -6.55 -0.05
GOETHSLN____LBMP 323567	51.41 2.54 0.00	49.28 2.17 0.00	47.55 2.05 0.00	46.70 1.84 0.00	48.18 1.85 0.00	47.78 1.88 0.00	56.08 2.52 0.00	61.50 2.82 0.00	64.40 2.71 0.00	53.69 2.36 0.00	61.24 3.25 0.00	55.31 2.98 0.00	55.92 3.17 0.00	56.87 3.27 0.00	58.83 3.43 0.00	64.36 3.55 -3.50	73.82 4.51 0.00	80.39 4.69 0.00	72.33 4.54 0.00	68.76 4.48 -0.27	63.82 3.68 -5.26	64.70 3.49 -9.18	56.70 3.41 -0.01	56.30 3.17 -0.33
GOLAH____69_KV_TB 1_2 80279	47.36 -1.51 0.00	45.52 -1.60 0.00	44.09 -1.41 0.00	43.65 -1.21 0.00	45.13 -1.20 0.00	44.16 -1.74 0.00	51.42 -2.14 0.00	55.17 -3.52 0.00	58.11 -3.58 0.00	48.30 -3.03 0.00	53.47 -4.52 0.00	48.04 -4.29 0.00	48.16 -4.59 0.00	49.26 -4.34 0.00	50.52 -4.87 -0.01	52.63 -4.81 -0.13	63.98 -5.34 0.00	70.70 -5.00 0.00	63.05 -4.75 0.00	59.24 -4.80 -0.03	51.43 -4.12 -0.66	48.30 -4.27 -0.53	49.02 -4.26 0.00	49.30 -3.54 -0.04
GOODYEAR_LAKE_HYD 323669	50.09 1.22 0.00	48.25 1.13 0.00	46.64 1.14 0.00	45.94 1.08 0.00	47.44 1.11 0.00	47.00 1.10 0.00	55.06 1.50 0.00	60.39 1.70 0.00	63.23 1.54 0.00	52.36 1.03 0.00	59.04 1.04 0.00	53.16 0.84 0.00	53.49 0.74 0.00	54.51 0.91 0.00	56.44 1.05 0.00	59.68 1.26 -1.11	71.04 1.73 0.00	77.81 2.12 0.00	69.69 1.90 0.00	65.76 1.66 -0.09	57.91 1.37 -1.66	56.20 1.25 -2.91	54.46 1.17 0.00	53.96 1.06 -0.11
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.67 -0.20 0.00	46.83 -0.28 0.00	45.27 -0.23 0.00	44.73 -0.13 0.00	46.24 -0.09 0.00	45.63 -0.28 0.00	53.35 -0.21 0.00	57.92 -0.76 0.00	60.76 -0.93 0.00	50.46 -0.87 0.00	56.55 -1.45 0.00	50.86 -1.47 0.00	51.17 -1.58 0.00	51.89 -1.72 0.00	53.56 -1.83 -0.86	56.39 -1.78 0.00	67.37 -1.94 0.00	73.88 -1.82 0.00	66.16 -1.63 0.00	62.30 -1.79 -0.09	54.99 -1.54 -1.65	52.86 -1.61 -2.44	51.90 -1.39 0.00	51.37 -1.53 -0.11

GOUDEY___7 23579	48.67 -0.20 0.00	46.83 -0.28 0.00	45.27 -0.23 0.00	44.73 -0.13 0.00	46.24 -0.09 0.00	45.63 -0.28 0.00	53.35 -0.21 0.00	57.92 -0.76 0.00	60.76 -0.93 0.00	50.46 -0.87 0.00	56.55 -1.45 0.00	50.86 -1.47 0.00	51.17 -1.58 0.00	51.89 -1.72 0.00	53.56 -1.83 0.00	56.39 -1.78 -0.86	67.37 -1.94 0.00	73.88 -1.82 0.00	66.16 -1.63 0.00	62.30 -1.79 -0.09	54.99 -1.54 -1.65	52.86 -1.61 -2.44	51.90 -1.39 0.00	51.37 -1.53 -0.11
GOUDEY___8 23580	48.67 -0.20 0.00	46.83 -0.28 0.00	45.27 -0.23 0.00	44.73 -0.13 0.00	46.24 -0.09 0.00	45.63 -0.28 0.00	53.35 -0.21 0.00	57.92 -0.76 0.00	60.76 -0.93 0.00	50.46 -0.87 0.00	56.55 -1.45 0.00	50.86 -1.47 0.00	51.17 -1.58 0.00	51.89 -1.72 0.00	53.56 -1.83 0.00	56.39 -1.78 -0.86	67.37 -1.94 0.00	73.88 -1.82 0.00	66.16 -1.63 0.00	62.30 -1.79 -0.09	54.99 -1.54 -1.65	52.86 -1.61 -2.44	51.90 -1.39 0.00	51.37 -1.53 -0.11
GOWANUS_GT1_1 24077	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GOWANUS_GT1_2 24078	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GOWANUS_GT1_3 24079	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GOWANUS_GT1_4 24080	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GOWANUS_GT1_5 24084	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GOWANUS_GT1_6 24111	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00																		

GOWANUS_GT2_6 24119	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
GOWANUS_GT2_7 24120	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
GOWANUS_GT2_8 24121	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
GOWANUS_GT3_1 24122	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
GOWANUS_GT3_2 24123	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
GOWANUS_GT3_3 24124	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
GOWANUS_GT3_4 24125	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
GOWANUS_GT3_5 24126	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
GOWANUS_GT3_6 24127	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
GOWANUS_GT3_7 24128	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
GOWANUS_GT3_8 24129	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
GOWANUS_GT4_1 24130	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GOWANUS_GT4_2 24131	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GOWANUS_GT4_3 24132	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GOWANUS_GT4_4 24133	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33

GOWANUS_GT4_5 24134	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GOWANUS_GT4_6 24135	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GOWANUS_GT4_7 24136	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GOWANUS_GT4_8 24137	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GREATVR_69_KV_BK1 356245	65.91 4.84 -12.21	59.54 4.48 -7.94	49.79 4.28 -0.01	48.91 4.04 -0.01	50.46 4.12 -0.01	51.36 4.22 -1.23	64.44 5.14 -5.74	70.00 5.52 -5.80	69.97 5.55 -2.73	55.86 4.52 -0.01	63.40 5.39 -0.01	57.31 4.97 -0.01	58.55 5.12 -0.68	58.81 5.20 -0.01	67.03 5.43 -6.21	71.58 5.79 -8.49	91.27 7.14 -14.82	110.28 7.49 -27.10	105.66 6.91 -30.95	96.24 6.72 -25.51	84.70 5.65 -24.16	76.16 5.31 -18.82	63.12 5.59 -4.25	58.42 5.28 -0.34
GREENBSH_115KV_TB3 55895	50.38 1.51 0.00	48.63 1.51 0.00	46.96 1.46 0.00	46.30 1.44 0.00	47.77 1.44 0.00	47.42 1.51 0.00	54.85 1.29 0.00	60.04 1.35 0.00	62.98 1.30 0.00	52.36 1.03 0.00	59.74 1.74 0.00	53.90 1.57 0.00	54.39 1.64 0.00	55.10 1.50 0.00	57.05 1.66 0.00	63.34 1.78 -4.26	71.32 2.01 0.00	77.74 2.04 0.00	69.89 2.10 0.00	66.39 2.05 -0.33	63.04 1.76 -6.40	64.80 1.61 -11.16	55.26 1.97 -0.01	55.37 2.16 -0.41
GREENDGE_115KV_TB5 80291	48.19 -0.68 0.00	46.36 -0.75 0.00	44.82 -0.68 0.00	44.46 -0.40 0.00	46.05 -0.28 0.00	45.44 -0.46 0.00	53.24 -0.32 0.00	57.04 -1.64 0.00	59.34 -2.34 0.00	50.00 -1.33 0.00	55.10 -2.90 0.00	49.87 -2.46 0.00	50.12 -2.64 0.00	58.02 -3.32 -7.74	58.02 -3.82 -6.45	66.47 -4.07 -13.23	82.39 -4.44 -17.52	90.56 -4.24 -19.11	81.11 -3.93 -17.25	76.37 -3.97 -16.33	66.87 -3.46 -15.45	59.80 -3.59 -11.35	53.06 -2.66 -2.44	50.38 -2.48 -0.07
GREENIDGE___3 23582	48.19 -0.68 0.00	46.36 -0.75 0.00	44.82 -0.68 0.00	44.46 -0.40 0.00	46.05 -0.28 0.00	45.44 -0.46 0.00	53.24 -0.32 0.00	57.04 -1.64 0.00	59.34 -2.34 0.00	50.00 -1.33 0.00	55.10 -2.90 0.00	49.87 -2.46 0.00	50.12 -2.64 0.00	58.02 -3.32 -7.74	58.02 -3.82 -6.45	66.47 -4.07 -13.23	82.39 -4.44 -17.52	90.56 -4.24 -19.11	81.11 -3.93 -17.25	76.37 -3.97 -16.33	66.87 -3.46 -15.45	59.80 -3.59 -11.35	53.06 -2.66 -2.44	50.38 -2.48 -0.07
GREENIDGE___4 23583	48.23 -0.64 0.00	46.46 -0.66 0.00	44.82 -0.68 0.00	44.50 -0.36 0.00	46.15 -0.18 0.00	45.63 -0.27 0.00	53.24 -0.32 0.00	57.04 -1.64 0.00	59.34 -2.34 0.00	50.05 -1.28 0.00	55.16 -2.84 0.00	49.87 -2.46 0.00	50.12 -2.64 0.00	58.02 -3.32 -7.74	58.02 -3.82 -6.45	66.47 -4.07 -13.23	82.39 -4.44 -17.52	90.49 -4.31 -19.11	81.11 -3.93 -17.25	76.30 -4.03 -16.33	66.87 -3.46 -15.45	59.80 -3.59 -11.35	53.01 -2.72 -2.44	50.38 -2.48 -0.07
GREENLWN_69_KV_BK 3 55738	64.71 3.71 -12.13	58.45 3.44 -7.89	48.78 3.28 -0.01	47.97 3.10 -0.01	49.44 3.10 -0.01	50.34 3.21 -1.22	63.12 3.86 -5.70	68.56 4.11 -5.76	68.54 4.13 -2.72	54.83 3.49 -0.01	62.24 4.23 -0.01	56.26 3.92 -0.01	57.55 4.11 -0.68	57.79 4.18 -0.01	65.99 4.43 -6.17	70.47 4.70 -8.46	89.86 5.82 -14.73	108.60 5.98 -26.93	104.18 5.63 -30.76	94.86 5.50 -25.35	83.59 4.66 -24.04	75.16 4.37 -18.76	62.03 4.53 -4.22	57.36 4.22 -0.34
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
GRISSOM___SOLAR 323813	50.83 1.96 0.00	49.14 2.02 0.00	47.37 1.87 0.00	46.70 1.84 0.00	48.42 2.09 0.00	48.06 2.16 0.00	56.08 2.52 0.00	61.74 3.05 0.00	63.90 2.22 0.00	52.31 0.97 0.00	58.81 0.81 0.00	52.96 0.63 0.00	53.49 0.74 0.00	54.67 1.07 0.00	57.16 1.77 0.00	64.63 2.52 -4.80	72.50 3.19 0.00	79.40 3.71 0.00	71.31 3.52 0.00	67.58 3.20 -0.38	64.78 2.69 -7.21	67.06 2.45 -12.58	55.85 2.56 -0.01	55.84 2.59 -0.46
GROVEVILLE___HYD 323602	51.61 2.74 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.11 2.24 0.00	48.60 2.27 0.00	48.20 2.30 0.00	56.40 2.84 0.00	61.68 2.99 0.00	64.71 3.02 0.00	53.64 2.31 0.00	60.78 2.78 0.00	54.84 2.51 0.00	55.39 2.64 0.00	56.55 2.95 0.00	58.49 3.10 0.00	64.21 3.38 -3.52	73.47 4.16 0.00	80.23 4.54 0.00	72.06 4.27 0.00	68.50 4.22 -0.28	63.68 3.51 -5.29	64.64 3.38 -9.22	56.54 3.25 -0.01	56.19 3.06 -0.34
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.19 -0.68 0.00	46.46 -0.66 0.00	44.86 -0.64 0.00	44.28 -0.58 0.00	45.77 -0.56 0.00	45.26 -0.64 0.00	52.86 -0.70 0.00	57.69 -1.00 0.00	60.64 -1.05 0.00	50.36 -0.98 0.00	56.60 -1.39 0.00	51.02 -1.31 0.00	51.43 -1.32 0.00	52.26 -1.34 0.00	53.95 -1.44 0.00	56.23 -1.43 -0.36	67.65 -1.66 0.00	74.18 -1.51 0.00	66.43 -1.36 0.00	62.62 -1.41 -0.03	54.15 -1.26 -0.54	51.67 -1.30 -0.93	51.95 -1.33 0.00	51.62 -1.21 -0.03
HAMLTNNY_34_KV_TB 80303	48.23 -0.64 0.00	46.50 -0.61 0.00	44.91 -0.59 0.00	44.37 -0.49 0.00	45.87 -0.46 0.00	45.30 -0.60 0.00	52.97 -0.59 0.00	57.75 -0.94 0.00	60.64 -1.05 0.00	50.41 -0.92 0.00	56.55 -1.45 0.00	50.91 -1.41 0.00	51.33 -1.42 0.00	52.15 -1.45 0.00	53.84 -1.55 0.00	56.14 -1.55 -0.38	67.58 -1.73 0.00	74.10 -1.59 0.00	66.37 -1.42 0.00	62.56 -1.47 -0.03	54.14 -1.32 -0.57	51.63 -1.40 -1.00	51.90 -1.39 0.00	51.57 -1.27 -0.04

HAMPSHIRE___PAPER_HYD 323593	49.12 0.25 0.00	47.49 0.38 0.00	45.86 0.36 0.00	45.18 0.32 0.00	46.70 0.37 0.00	46.31 0.41 0.00	54.25 0.69 0.00	59.80 1.11 0.00	63.11 1.42 0.00	52.51 1.18 0.00	59.16 1.16 0.00	53.43 1.10 0.00	53.59 0.84 0.00	54.51 0.91 0.00	56.28 0.88 0.00	57.91 0.51 -0.09	69.31 0.00 0.00	75.69 0.00 0.00	67.59 -0.20 0.00	63.76 -0.25 -0.01	54.80 -0.22 -0.13	52.42 0.16 -0.23	53.81 0.53 0.00	53.28 0.47 -0.01
HARDSCRABBLE_WT_PWR 323673	50.43 1.56 0.00	48.62 1.51 0.00	46.96 1.46 0.00	46.30 1.44 0.00	47.86 1.53 0.00	47.55 1.65 0.00	55.60 2.03 0.00	61.21 2.52 0.00	64.71 3.02 0.00	54.05 2.72 0.00	61.18 3.19 0.00	55.25 2.93 0.00	55.60 2.85 0.00	56.55 2.95 0.00	58.38 2.99 0.00	60.17 2.86 0.00	72.43 3.12 0.00	78.80 3.10 0.00	70.50 2.71 0.00	66.50 2.49 0.00	57.02 2.14 0.00	54.22 2.19 0.00	55.57 2.29 0.00	55.07 2.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.17 2.30 0.00	49.19 2.07 0.00	47.50 2.00 0.00	46.70 1.84 0.00	48.18 1.85 0.00	47.78 1.88 0.00	55.86 2.30 0.00	61.15 2.46 0.00	64.09 2.41 0.00	53.23 1.90 0.00	60.37 2.38 0.00	54.47 2.15 0.00	55.07 2.32 0.00	56.12 2.52 0.00	58.05 2.66 0.00	63.41 2.81 -3.30	72.85 3.53 0.00	79.48 3.78 0.00	71.38 3.59 0.00	67.85 3.58 -0.26	62.85 3.02 -4.95	63.53 2.86 -8.64	56.06 2.77 -0.01	55.70 2.59 -0.31
HARSNRAD_115KV_TB1 81005	46.62 -2.25 0.00	44.62 -2.50 0.00	43.32 -2.18 0.00	43.07 -1.79 0.00	44.52 -1.81 0.00	43.15 -2.75 0.00	49.81 -3.75 0.00	52.47 -6.22 0.00	55.21 -6.48 0.00	45.89 -5.44 0.00	50.22 -7.77 0.00	45.05 -7.27 0.00	45.00 -7.75 0.00	42.14 -7.34 4.11	43.90 -8.09 3.41	41.67 -8.02 7.61	50.90 -9.08 9.33	56.51 -9.01 10.17	50.26 -8.34 9.19	46.98 -8.38 8.64	40.75 -7.08 7.05	38.38 -6.97 6.68	45.37 -6.61 1.30	46.35 -6.49 -0.05
HARZA MOOSE___RIVER 24016	49.36 0.49 0.00	47.64 0.52 0.00	46.05 0.55 0.00	45.36 0.49 0.00	46.89 0.56 0.00	46.50 0.60 0.00	54.42 0.86 0.00	60.10 1.41 0.00	63.29 1.60 0.00	52.56 1.23 0.00	59.21 1.22 0.00	53.32 0.99 0.00	53.65 0.90 0.00	54.57 0.96 0.00	56.28 0.89 0.00	57.99 0.57 -0.11	69.87 0.55 0.00	76.53 0.83 0.00	68.40 0.61 0.00	64.46 0.45 -0.01	55.38 0.33 -0.17	52.75 0.42 -0.30	53.76 0.48 0.00	53.28 0.48 -0.01
HDSNBRDG_115KV_BRDG_TB1 355580	47.89 -0.98 0.00	46.13 -0.99 0.00	44.54 -0.96 0.00	44.01 -0.85 0.00	45.45 -0.88 0.00	44.94 -0.96 0.00	52.44 -1.12 0.00	57.22 -1.47 0.00	60.08 -1.60 0.00	49.95 -1.39 0.00	56.14 -1.86 0.00	50.60 -1.73 0.00	50.96 -1.79 0.00	51.83 -1.77 0.00	53.51 -1.88 0.00	55.74 -1.89 -0.32	67.16 -2.15 0.00	73.57 -2.12 0.00	65.89 -1.90 0.00	62.11 -1.92 -0.03	53.72 -1.65 -0.48	51.16 -1.72 -0.84	51.58 -1.70 0.00	51.19 -1.64 -0.03
HELLGATE_13_KV_LD 55870	52.19 3.32 0.00	50.09 2.97 0.00	48.32 2.82 0.00	47.47 2.60 0.00	48.97 2.64 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.52 3.18 0.00	62.11 4.12 0.00	56.09 3.77 0.00	56.71 3.96 0.00	57.67 4.07 0.00	59.60 4.21 0.00	65.22 4.41 -3.50	74.79 5.48 0.00	81.60 5.90 0.00	73.35 5.56 0.00	69.72 5.44 -0.27	64.64 4.50 -5.26	65.43 4.21 -9.18	57.50 4.21 -0.01	57.09 3.96 -0.33
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	52.19 3.32 0.00	50.09 2.97 0.00	48.32 2.82 0.00	47.47 2.60 0.00	48.97 2.64 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.52 3.18 0.00	62.11 4.12 0.00	56.09 3.77 0.00	56.71 3.96 0.00	57.67 4.07 0.00	59.60 4.21 0.00	65.22 4.41 -3.50	74.79 5.48 0.00	81.60 5.90 0.00	73.35 5.56 0.00	69.72 5.44 -0.27	64.64 4.50 -5.26	65.43 4.21 -9.18	57.50 4.21 -0.01	57.09 3.96 -0.33
HEMPSTEAD____ 23647	69.11 3.32 -16.92	61.19 3.06 -11.01	48.52 3.00 -0.01	47.75 2.87 -0.01	49.17 2.83 -0.01	50.36 2.75 -1.71	64.84 3.32 -7.95	70.36 3.64 -8.03	69.11 3.64 -3.79	54.43 3.08 -0.01	61.84 3.83 -0.01	55.90 3.56 -0.01	57.45 3.75 -0.95	57.37 3.75 -0.01	67.93 3.93 -8.61	71.90 4.18 -10.41	94.98 5.13 -20.54	118.62 5.37 -37.56	115.70 5.02 -42.90	104.19 4.93 -35.25	90.51 4.17 -31.46	78.47 3.90 -22.53	63.16 4.00 -5.88	56.95 3.80 -0.35
HICKLING___1 23621	48.04 -0.83 0.00	46.13 -0.99 0.00	44.63 -0.86 0.00	44.33 -0.54 0.00	45.96 -0.37 0.00	45.26 -0.64 0.00	52.97 -0.59 0.00	56.98 -1.70 0.00	59.59 -2.10 0.00	49.43 -1.90 0.00	54.75 -3.25 0.00	49.24 -3.09 0.00	49.43 -3.32 0.00	52.75 -3.75 -2.90	53.71 -4.10 -2.42	57.77 -4.18 -4.65	71.31 -4.57 -6.57	78.32 -4.54 -7.17	70.20 -4.07 -6.47	65.89 -4.29 -6.18	57.84 -3.73 -6.69	52.39 -3.75 -4.10	51.00 -3.20 -0.92	49.40 -3.48 -0.08
HICKLING___2 23622	48.04 -0.83 0.00	46.13 -0.99 0.00	44.63 -0.86 0.00	44.33 -0.54 0.00	45.96 -0.37 0.00	45.26 -0.64 0.00	52.97 -0.59 0.00	56.98 -1.70 0.00	59.59 -2.10 0.00	49.43 -1.90 0.00	54.75 -3.25 0.00	49.24 -3.09 0.00	49.43 -3.32 0.00	52.75 -3.75 -2.90	53.71 -4.10 -2.42	57.77 -4.18 -4.65	71.31 -4.57 -6.57	78.32 -4.54 -7.17	70.20 -4.07 -6.47	65.89 -4.29 -6.18	57.84 -3.73 -6.69	52.39 -3.75 -4.10	51.00 -3.20 -0.92	49.40 -3.48 -0.08
HIGH FALLS___HY 23754	51.75 2.88 0.00	49.71 2.59 0.00	47.96 2.46 0.00	47.15 2.29 0.00	48.69 2.36 0.00	48.29 2.39 0.00	56.61 3.05 0.00	61.86 3.17 0.00	64.89 3.21 0.00	53.64 2.31 0.00	60.61 2.61 0.00	54.63 2.30 0.00	55.23 2.48 0.00	56.50 2.89 0.00	58.44 3.05 0.00	64.14 3.32 -3.51	73.54 4.23 0.00	80.46 4.77 0.00	72.26 4.47 0.00	68.70 4.42 -0.27	63.82 3.68 -5.26	64.81 3.59 -9.18	56.54 3.25 -0.01	56.09 2.96 -0.33
HIGH_RIVER___SOLAR 323847	50.48 1.61 0.00	48.81 1.69 0.00	47.09 1.59 0.00	46.43 1.57 0.00	48.05 1.72 0.00	47.69 1.79 0.00	55.65 2.09 0.00	61.21 2.52 0.00	63.29 1.60 0.00	51.90 0.57 0.00	58.46 0.46 0.00	52.69 0.37 0.00	53.17 0.42 0.00	54.30 0.69 0.00	56.78 1.39 0.00	64.12 2.06 -4.75	72.01 2.70 0.00	78.87 3.18 0.00	70.77 2.98 0.00	67.13 2.75 -0.37	64.32 2.30 -7.13	66.56 2.08 -12.44	55.43 2.13 -0.01	55.41 2.17 -0.45
HILLBURN___GT 23639	51.12 2.25 0.00	49.19 2.07 0.00	47.50 2.00 0.00	46.75 1.88 0.00	48.14 1.81 0.00	47.65 1.74 0.00	55.76 2.20 0.00	61.15 2.46 0.00	64.03 2.34 0.00	53.23 1.90 0.00	60.55 2.55 0.00	54.68 2.36 0.00	55.29 2.53 0.00	56.17 2.57 0.00	58.16 2.77 0.00	63.52 2.86 -3.34	72.84 3.53 0.00	79.55 3.86 0.00	71.38 3.59 0.00	67.85 3.58 -0.26	62.92 3.02 -5.02	63.65 2.86 -8.76	56.11 2.82 -0.01	55.75 2.64 -0.32
HILLSIDE_115KV_TB1 80332	47.65 -1.22 0.00	45.70 -1.41 0.00	44.27 -1.23 0.00	43.88 -0.99 0.00	45.40 -0.93 0.00	44.66 -1.24 0.00	52.28 -1.29 0.00	56.34 -2.35 0.00	58.91 -2.78 0.00	48.92 -2.41 0.00	54.34 -3.65 0.00	48.87 -3.45 0.00	49.06 -3.69 0.00	51.78 -4.07 -2.25	52.89 -4.38 -1.87	56.49 -4.41 -3.59	69.48 -4.92 -5.09	76.25 -5.00 -5.55	68.33 -4.47 -5.01	64.20 -4.61 -4.80	56.34 -4.06 -5.52	51.41 -3.95 -3.33	50.48 -3.52 -0.71	49.08 -3.80 -0.09

HISHELDN_WT_PWR 323625	46.23 -2.64 0.00	44.43 -2.68 0.00	42.95 -2.55 0.00	43.02 -1.84 0.00	44.85 -1.48 0.00	44.16 -1.74 0.00	50.88 -2.68 0.00	53.99 -4.70 0.00	56.57 -5.12 0.00	46.87 -4.47 0.00	51.33 -6.67 0.00	45.89 -6.44 0.00	45.84 -6.91 0.00	31.99 -7.18 14.43	35.44 -7.92 12.03	22.01 -8.02 27.28	27.43 -9.22 32.66	30.61 -9.46 35.62	27.08 -8.54 32.16	25.00 -8.70 30.30	21.39 -7.35 26.14	19.99 -7.23 24.81	42.12 -6.61 4.55	46.20 -6.65 -0.06
HOLTSVILLE_IC_1 23690	65.02 4.25 -11.90	58.86 4.00 -7.74	49.37 3.87 -0.01	48.55 3.68 -0.01	50.00 3.66 -0.01	50.78 3.67 -1.20	63.60 4.44 -5.60	69.15 4.81 -5.65	69.17 4.81 -2.67	55.24 3.90 -0.01	62.70 4.70 -0.01	56.73 4.40 -0.01	58.01 4.59 -0.67	58.22 4.61 -0.01	66.21 4.76 -6.05	70.77 5.10 -8.36	90.00 6.24 -14.45	108.39 6.28 -26.42	103.73 5.76 -30.18	94.71 5.82 -24.88	83.45 4.88 -23.69	75.19 4.58 -18.57	62.38 4.96 -4.14	57.84 4.70 -0.34
HOLTSVILLE_IC_10 23699	65.39 4.55 -11.97	59.24 4.33 -7.79	49.65 4.14 -0.01	48.82 3.95 -0.01	50.32 3.98 -0.01	51.10 3.99 -1.21	64.01 4.82 -5.63	69.59 5.22 -5.69	69.55 5.18 -2.68	55.55 4.21 -0.01	63.05 5.04 -0.01	57.05 4.71 -0.01	58.33 4.91 -0.67	58.49 4.88 -0.01	66.52 5.04 -6.09	71.15 5.45 -8.39	90.51 6.65 -14.54	109.01 6.73 -26.58	104.32 6.17 -30.36	95.18 6.15 -25.03	83.84 5.16 -23.80	75.56 4.89 -18.63	62.72 5.28 -4.17	58.10 4.96 -0.34
HOLTSVILLE_IC_2 23691	65.02 4.25 -11.90	58.86 4.00 -7.74	49.37 3.87 -0.01	48.55 3.68 -0.01	50.00 3.66 -0.01	50.78 3.67 -1.20	63.60 4.44 -5.60	69.15 4.81 -5.65	69.17 4.81 -2.67	55.24 3.90 -0.01	62.70 4.70 -0.01	56.73 4.40 -0.01	58.01 4.59 -0.67	58.22 4.61 -0.01	66.21 4.76 -6.05	70.77 5.10 -8.36	90.00 6.24 -14.45	108.39 6.28 -26.42	103.73 5.76 -30.18	94.71 5.82 -24.88	83.45 4.88 -23.69	75.19 4.58 -18.57	62.38 4.96 -4.14	57.84 4.70 -0.34
HOLTSVILLE_IC_3 23692	65.02 4.25 -11.90	58.86 4.00 -7.74	49.37 3.87 -0.01	48.55 3.68 -0.01	50.00 3.66 -0.01	50.78 3.67 -1.20	63.60 4.44 -5.60	69.15 4.81 -5.65	69.17 4.81 -2.67	55.24 3.90 -0.01	62.70 4.70 -0.01	56.73 4.40 -0.01	58.01 4.59 -0.67	58.22 4.61 -0.01	66.21 4.76 -6.05	70.77 5.10 -8.36	90.00 6.24 -14.45	108.39 6.28 -26.42	103.73 5.76 -30.18	94.71 5.82 -24.88	83.45 4.88 -23.69	75.19 4.58 -18.57	62.38 4.96 -4.14	57.84 4.70 -0.34
HOLTSVILLE_IC_4 23693	65.02 4.25 -11.90	58.86 4.00 -7.74	49.37 3.87 -0.01	48.55 3.68 -0.01	50.00 3.66 -0.01	50.78 3.67 -1.20	63.60 4.44 -5.60	69.15 4.81 -5.65	69.17 4.81 -2.67	55.24 3.90 -0.01	62.70 4.70 -0.01	56.73 4.40 -0.01	58.01 4.59 -0.67	58.22 4.61 -0.01	66.21 4.76 -6.05	70.77 5.10 -8.36	90.00 6.24 -14.45	108.39 6.28 -26.42	103.73 5.76 -30.18	94.71 5.82 -24.88	83.45 4.88 -23.69	75.19 4.58 -18.57	62.38 4.96 -4.14	57.84 4.70 -0.34
HOLTSVILLE_IC_5 23694	65.02 4.25 -11.90	58.86 4.00 -7.74	49.37 3.87 -0.01	48.55 3.68 -0.01	50.00 3.66 -0.01	50.78 3.67 -1.20	63.60 4.44 -5.60	69.15 4.81 -5.65	69.17 4.81 -2.67	55.24 3.90 -0.01	62.70 4.70 -0.01	56.73 4.40 -0.01	58.01 4.59 -0.67	58.22 4.61 -0.01	66.21 4.76 -6.05	70.77 5.10 -8.36	90.00 6.24 -14.45	108.39 6.28 -26.42	103.73 5.76 -30.18	94.71 5.82 -24.88	83.45 4.88 -23.69	75.19 4.58 -18.57	62.38 4.96 -4.14	57.84 4.70 -0.34
HOLTSVILLE_IC_6 23695	65.39 4.55 -11.97	59.24 4.33 -7.79	49.65 4.14 -0.01	48.82 3.95 -0.01	50.32 3.98 -0.01	51.10 3.99 -1.21	64.01 4.82 -5.63	69.59 5.22 -5.69	69.55 5.18 -2.68	55.55 4.21 -0.01	63.05 5.04 -0.01	57.05 4.71 -0.01	58.33 4.91 -0.67	58.49 4.88 -0.01	66.52 5.04 -6.09	71.15 5.45 -8.39	90.51 6.65 -14.54	109.01 6.73 -26.58	104.32 6.17 -30.36	95.18 6.15 -25.03	83.84 5.16 -23.80	75.56 4.89 -18.63	62.72 5.28 -4.17	58.10 4.96 -0.34
HOLTSVILLE_IC_7 23696	65.39 4.55 -11.97	59.24 4.33 -7.79	49.65 4.14 -0.01	48.82 3.95 -0.01	50.32 3.98 -0.01	51.10 3.99 -1.21	64.01 4.82 -5.63	69.59 5.22 -5.69	69.55 5.18 -2.68	55.55 4.21 -0.01	63.05 5.04 -0.01	57.05 4.71 -0.01	58.33 4.91 -0.67	58.49 4.88 -0.01	66.52 5.04 -6.09	71.15 5.45 -8.39	90.51 6.65 -14.54	109.01 6.73 -26.58	104.32 6.17 -30.36	95.18 6.15 -25.03	83.84 5.16 -23.80	75.56 4.89 -18.63	62.72 5.28 -4.17	58.10 4.96 -0.34
HOLTSVILLE_IC_8 23697	65.39 4.55 -11.97	59.24 4.33 -7.79	49.65 4.14 -0.01	48.82 3.95 -0.01	50.32 3.98 -0.01	51.10 3.99 -1.21	64.01 4.82 -5.63	69.59 5.22 -5.69	69.55 5.18 -2.68	55.55 4.21 -0.01	63.05 5.04 -0.01	57.05 4.71 -0.01	58.33 4.91 -0.67	58.49 4.88 -0.01	66.52 5.04 -6.09	71.15 5.45 -8.39	90.51 6.65 -14.54	109.01 6.73 -26.58	104.32 6.17 -30.36	95.18 6.15 -25.03	83.84 5.16 -23.80	75.56 4.89 -18.63	62.72 5.28 -4.17	58.10 4.96 -0.34
HOLTSVILLE_IC_9 23698	65.39 4.55 -11.97	59.24 4.33 -7.79	49.65 4.14 -0.01	48.82 3.95 -0.01	50.32 3.98 -0.01	51.10 3.99 -1.21	64.01 4.82 -5.63	69.59 5.22 -5.69	69.55 5.18 -2.68	55.55 4.21 -0.01	63.05 5.04 -0.01	57.05 4.71 -0.01	58.33 4.91 -0.67	58.49 4.88 -0.01	66.52 5.04 -6.09	71.15 5.45 -8.39	90.51 6.65 -14.54	109.01 6.73 -26.58	104.32 6.17 -30.36	95.18 6.15 -25.03	83.84 5.16 -23.80	75.56 4.89 -18.63	62.72 5.28 -4.17	58.10 4.96 -0.34
HOMER_HL_115KV_TB2 355744	47.45 -1.42 0.00	45.28 -1.84 0.00	43.95 -1.55 0.00	43.83 -1.03 0.00	45.40 -0.93 0.00	44.34 -1.56 0.00	51.79 -1.77 0.00	54.99 -3.70 0.00	57.37 -4.32 0.00	47.53 -3.80 0.00	52.31 -5.68 0.00	46.83 -5.49 0.00	46.69 -6.07 0.00	45.08 -7.45 1.07	46.69 -7.81 0.89	47.35 -7.91 2.05	57.80 -9.08 2.43	63.58 -9.46 2.65	56.93 -8.47 2.39	52.65 -9.15 2.21	45.77 -7.96 1.15	42.93 -7.60 1.51	47.08 -5.86 0.34	45.15 -7.71 -0.06
HOWARD_WT_PWR 323690	47.01 -1.86 0.00	45.23 -1.89 0.00	43.72 -1.78 0.00	43.79 -1.08 0.00	45.78 -0.55 0.00	45.53 -0.37 0.00	53.24 -0.32 0.00	57.10 -1.58 0.00	59.65 -2.03 0.00	49.33 -2.00 0.00	54.11 -3.89 0.00	48.45 -3.87 0.00	48.48 -4.27 0.00	65.08 -4.88 -16.36	63.37 -5.65 -13.63	81.20 -5.90 -29.80	99.60 -6.72 -37.01	109.32 -6.74 -40.37	98.08 -6.17 -36.46	92.11 -6.34 -34.44	81.06 -5.38 -31.56	73.58 -5.41 -26.96	53.76 -4.69 -5.16	48.06 -4.80 -0.07
HQ_GEN_CEDARS 23644	49.51 0.64 0.00	47.82 0.71 0.00	46.18 0.68 0.00	45.54 0.67 0.00	47.07 0.74 0.00	46.68 0.78 0.00	54.52 0.96 0.00	59.98 1.29 0.00	63.23 1.54 0.00	52.77 1.44 0.00	59.45 1.45 0.00	53.79 1.47 0.00	54.18 1.42 0.00	54.83 1.23 0.00	56.72 1.33 0.00	58.51 1.20 0.00	70.63 1.32 0.00	76.90 1.21 0.00	68.60 0.81 0.00	64.84 0.83 0.00	55.59 0.71 0.00	53.02 0.99 0.00	54.35 1.07 0.00	53.80 1.00 0.00
HQ_GEN_CEDARS_PROXY 323590	49.50 0.63 0.00	47.83 0.71 0.00	46.18 0.68 0.00	45.54 0.67 0.00	47.07 0.74 0.00	46.68 0.78 0.00	54.63 1.07 0.00	59.98 1.29 0.00	63.23 1.54 0.00	56.98 1.44 -4.21	55.23 1.45 4.21	53.79 1.46 0.00	54.02 1.26 0.00	54.84 1.23 0.00	56.72 1.33 0.00	58.51 1.21 0.00	70.62 1.31 0.00	76.90 1.21 0.00	68.61 0.82 0.00	64.83 0.83 0.00	55.59 0.71 0.00	53.02 0.99 0.00	54.35 1.07 0.00	53.80 1.00 0.00

HQ_GEN_IMPORT 323601	48.92 0.05 0.00	47.21 0.09 0.00	45.54 0.05 0.00	44.91 0.04 0.00	46.42 0.09 0.00	45.99 0.09 0.00	53.72 0.16 0.00	58.98 0.29 0.00	62.06 0.37 0.00	55.95 0.41 -4.21	54.25 0.46 4.21	52.74 0.42 0.00	53.13 0.37 0.00	53.98 0.38 0.00	55.78 0.39 0.00	57.65 0.35 0.00	69.73 0.42 0.00	76.07 0.38 0.00	67.99 0.20 0.00	64.20 0.19 0.00	55.05 0.17 0.00	52.30 0.26 0.00	53.49 0.21 0.00	52.96 0.16 0.00
HQ_GEN_WHEEL 23651	48.92 0.05 0.00	47.21 0.09 0.00	45.54 0.05 0.00	44.91 0.04 0.00	46.42 0.09 0.00	45.99 0.09 0.00	53.72 0.16 0.00	58.98 0.29 0.00	62.06 0.37 0.00	55.95 0.41 -4.21	54.25 0.46 4.21	52.74 0.42 0.00	53.13 0.37 0.00	53.98 0.38 0.00	55.78 0.39 0.00	57.65 0.35 0.00	69.73 0.42 0.00	76.07 0.38 0.00	67.99 0.20 0.00	64.20 0.19 0.00	55.05 0.17 0.00	52.30 0.26 0.00	53.49 0.21 0.00	52.96 0.16 0.00
HUDSON AVE_GT_3 23810	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.51 2.18 0.00	48.15 2.25 0.00	56.51 2.95 0.00	61.97 3.29 0.00	64.89 3.21 0.00	54.05 2.72 0.00	61.59 3.60 0.00	55.62 3.30 0.00	56.24 3.48 0.00	57.19 3.59 0.00	59.16 3.77 0.00	64.71 3.90 -3.50	74.23 4.92 0.00	80.92 5.22 0.00	72.74 4.95 0.00	69.14 4.86 -0.27	64.15 4.01 -5.26	65.01 3.80 -9.18	57.02 3.73 -0.01	56.62 3.48 -0.33
HUDSON AVE_GT_4 23540	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.51 2.18 0.00	48.15 2.25 0.00	56.51 2.95 0.00	61.97 3.29 0.00	64.89 3.21 0.00	54.05 2.72 0.00	61.59 3.60 0.00	55.62 3.30 0.00	56.24 3.48 0.00	57.19 3.59 0.00	59.16 3.77 0.00	64.71 3.90 -3.50	74.23 4.92 0.00	80.92 5.22 0.00	72.74 4.95 0.00	69.14 4.86 -0.27	64.15 4.01 -5.26	65.01 3.80 -9.18	57.02 3.73 -0.01	56.62 3.48 -0.33
HUDSON AVE_GT_5 23657	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.51 2.18 0.00	48.15 2.25 0.00	56.51 2.95 0.00	61.97 3.29 0.00	64.89 3.21 0.00	54.05 2.72 0.00	61.59 3.60 0.00	55.62 3.30 0.00	56.24 3.48 0.00	57.19 3.59 0.00	59.16 3.77 0.00	64.71 3.90 -3.50	74.23 4.92 0.00	80.92 5.22 0.00	72.74 4.95 0.00	69.14 4.86 -0.27	64.15 4.01 -5.26	65.01 3.80 -9.18	57.02 3.73 -0.01	56.62 3.48 -0.33
HUDSON_AVE_10 24168	51.61 2.74 0.00	49.47 2.36 0.00	47.73 2.23 0.00	46.88 2.02 0.00	48.32 1.99 0.00	47.97 2.07 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.83 3.15 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.24 0.00	56.18 3.43 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.67 4.88 0.00	69.08 4.80 -0.27	64.09 3.95 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.51 3.38 -0.33
HUDSON___115KV_TB 4 355613	51.36 2.49 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.24 2.38 0.00	48.83 2.50 0.00	48.43 2.52 0.00	56.13 2.57 0.00	61.39 2.70 0.00	64.21 2.53 0.00	53.03 1.69 0.00	60.20 2.20 0.00	54.21 1.88 0.00	54.71 1.95 0.00	55.64 2.04 0.00	57.66 2.27 0.00	63.90 2.41 -4.19	72.57 3.26 0.00	79.33 3.63 0.00	71.31 3.53 0.00	67.66 3.33 -0.33	63.81 2.63 -6.29	65.50 2.50 -10.97	56.22 2.93 -0.01	56.10 2.90 -0.40
HUNTER MOUNT___DRP 323613	51.56 2.69 0.00	49.85 2.73 0.00	48.05 2.55 0.00	47.38 2.51 0.00	49.02 2.69 0.00	48.61 2.71 0.00	56.35 2.79 0.00	61.50 2.82 0.00	64.40 2.71 0.00	52.98 1.64 0.00	59.97 1.97 0.00	54.00 1.67 0.00	54.55 1.79 0.00	55.58 1.98 0.00	57.61 2.22 0.00	63.70 2.29 -4.10	72.71 3.40 0.00	79.48 3.78 0.00	71.45 3.66 0.00	67.78 3.46 -0.32	63.62 2.58 -6.16	65.23 2.45 -10.75	56.27 2.98 -0.01	56.04 2.85 -0.39
HUNTINGTON_RES_REC 323705	64.98 4.11 -12.00	58.79 3.86 -7.81	49.24 3.73 -0.01	48.42 3.54 -0.01	49.86 3.52 -0.01	50.65 3.53 -1.21	63.49 4.29 -5.64	69.02 4.64 -5.70	69.00 4.63 -2.69	55.14 3.80 -0.01	62.59 4.58 -0.01	56.57 4.24 -0.01	57.91 4.48 -0.67	58.11 4.50 -0.01	66.20 4.71 -6.10	70.81 5.10 -8.40	90.12 6.24 -14.57	108.76 6.43 -26.64	104.19 5.97 -30.43	94.97 5.88 -25.09	83.67 4.94 -23.84	75.37 4.69 -18.65	62.35 4.90 -4.18	57.73 4.59 -0.34
HUNTLEY___63 23557	46.57 -2.30 0.00	44.57 -2.54 0.00	43.27 -2.23 0.00	43.02 -1.84 0.00	44.52 -1.81 0.00	43.15 -2.75 0.00	49.97 -3.59 0.00	52.76 -5.93 0.00	55.46 -6.23 0.00	46.10 -5.24 0.00	50.46 -7.54 0.00	45.21 -7.12 0.00	45.16 -7.60 0.00	41.99 -7.24 4.37	43.83 -7.92 3.64	41.31 -7.85 8.15	50.46 -8.94 9.91	56.03 -8.86 10.80	49.90 -8.13 9.76	46.64 -8.19 9.17	40.45 -6.92 7.51	38.04 -6.87 7.12	45.51 -6.39 1.38	46.57 -6.28 -0.05
HUNTLEY___64 23558	46.57 -2.30 0.00	44.57 -2.54 0.00	43.27 -2.23 0.00	43.02 -1.84 0.00	44.52 -1.81 0.00	43.15 -2.75 0.00	49.97 -3.59 0.00	52.76 -5.93 0.00	55.46 -6.23 0.00	46.10 -5.24 0.00	50.46 -7.54 0.00	45.21 -7.12 0.00	45.16 -7.60 0.00	41.99 -7.24 4.37	43.83 -7.92 3.64	41.31 -7.85 8.15	50.46 -8.94 9.91	56.03 -8.86 10.80	49.90 -8.13 9.76	46.64 -8.19 9.17	40.45 -6.92 7.51	38.04 -6.87 7.12	45.51 -6.39 1.38	46.57 -6.28 -0.05
HUNTLEY___65 23559	46.57 -2.30 0.00	44.57 -2.54 0.00	43.27 -2.23 0.00	43.02 -1.84 0.00	44.52 -1.81 0.00	43.15 -2.75 0.00	49.97 -3.59 0.00	52.76 -5.93 0.00	55.46 -6.23 0.00	46.10 -5.24 0.00	50.46 -7.54 0.00	45.21 -7.12 0.00	45.16 -7.60 0.00	41.99 -7.24 4.37	43.83 -7.92 3.64	41.31 -7.85 8.15	50.46 -8.94 9.91	56.03 -8.86 10.80	49.90 -8.13 9.76	46.64 -8.19 9.17	40.45 -6.92 7.51	38.04 -6.87 7.12	45.51 -6.39 1.38	46.57 -6.28 -0.05
HUNTLEY___66 23560	46.57 -2.30 0.00	44.57 -2.54 0.00	43.27 -2.23 0.00	43.02 -1.84 0.00	44.52 -1.81 0.00	43.15 -2.75 0.00	49.97 -3.59 0.00	52.76 -5.93 0.00	55.46 -6.23 0.00	46.10 -5.24 0.00	50.46 -7.54 0.00	45.21 -7.12 0.00	45.16 -7.60 0.00	41.99 -7.24 4.37	43.83 -7.92 3.64	41.31 -7.85 8.15	50.46 -8.94 9.91	56.03 -8.86 10.80	49.90 -8.13 9.76	46.64 -8.19 9.17	40.45 -6.92 7.51	38.04 -6.87 7.12	45.51 -6.39 1.38	46.57 -6.28 -0.05
HUNTLEY___67 23561	46.48 -2.39 0.00	44.48 -2.64 0.00	43.13 -2.37 0.00	42.93 -1.93 0.00	44.38 -1.95 0.00	43.10 -2.80 0.00	49.92 -3.64 0.00	52.76 -5.93 0.00	55.46 -6.23 0.00	46.10 -5.24 0.00	50.51 -7.48 0.00	45.31 -7.01 0.00	45.21 -7.54 0.00	40.79 -7.56 5.26	42.74 -8.25 4.39	39.19 -8.25 9.86	48.06 -9.36 11.90	53.33 -9.39 12.97	47.46 -8.61 11.72	44.36 -8.64 11.01	38.38 -7.35 9.15	36.14 -7.23 8.66	44.91 -6.71 1.66	46.30 -6.55 -0.05
HUNTLEY___68 23562	46.48 -2.39 0.00	44.48 -2.64 0.00	43.13 -2.37 0.00	42.93 -1.93 0.00	44.38 -1.95 0.00	43.10 -2.80 0.00	49.92 -3.64 0.00	52.76 -5.93 0.00	55.46 -6.23 0.00	46.10 -5.24 0.00	50.51 -7.48 0.00	45.31 -7.01 0.00	45.21 -7.54 0.00	40.79 -7.56 5.26	42.74 -8.25 4.39	39.19 -8.25 9.86	48.06 -9.36 11.90	53.33 -9.39 12.97	47.46 -8.61 11.72	44.36 -8.64 11.01	38.38 -7.35 9.15	36.14 -7.23 8.66	44.91 -6.71 1.66	46.30 -6.55 -0.05

HYLAND___LFGE 323620	49.80 0.93 0.00	47.97 0.85 0.00	46.23 0.73 0.00	45.99 1.12 0.00	47.81 1.48 0.00	47.23 1.33 0.00	55.11 1.55 0.00	59.62 0.94 0.00	62.43 0.74 0.00	51.18 -0.15 0.00	56.20 -1.80 0.00	50.18 -2.15 0.00	50.12 -2.64 0.00	69.31 -2.52 -18.22	65.87 -4.71 -15.19	86.92 -4.47 -34.08	106.11 -4.44 -41.23	117.03 -3.63 -44.97	104.74 -3.66 -40.61	98.45 -3.91 -38.36	86.69 -3.07 -34.88	80.08 -3.54 -31.58	57.33 -1.71 -5.75	51.59 -1.27 -0.06
INDECK___CORINTH 23802	50.33 1.46 0.00	48.77 1.65 0.00	47.00 1.50 0.00	46.34 1.48 0.00	48.00 1.67 0.00	47.69 1.79 0.00	55.38 1.82 0.00	61.04 2.35 0.00	63.66 1.97 0.00	52.66 1.33 0.00	59.56 1.57 0.00	53.68 1.36 0.00	54.23 1.48 0.00	55.05 1.45 0.00	57.16 1.77 0.00	63.80 2.06 -4.43	71.67 2.36 0.00	78.34 2.65 0.00	70.36 2.58 0.00	66.72 2.37 -0.35	63.52 1.97 -6.66	65.58 1.93 -11.62	55.37 2.08 -0.01	55.38 2.17 -0.42
INDECK___ILION 23567	49.95 1.08 0.00	48.11 0.99 0.00	46.45 0.96 0.00	45.81 0.94 0.00	47.35 1.02 0.00	46.96 1.06 0.00	54.90 1.34 0.00	60.27 1.58 0.00	63.47 1.79 0.00	52.92 1.59 0.00	59.85 1.86 0.00	54.00 1.67 0.00	54.39 1.64 0.00	55.32 1.72 0.00	57.11 1.72 0.00	58.97 1.66 0.00	71.18 1.87 0.00	77.66 1.97 0.00	69.48 1.69 0.00	65.61 1.60 0.00	56.25 1.37 0.00	53.39 1.35 0.00	54.67 1.39 0.00	54.17 1.37 0.00
INDECK___OLEAN 23982	47.45 -1.42 0.00	45.52 -1.60 0.00	43.95 -1.55 0.00	43.97 -0.90 0.00	45.59 -0.74 0.00	44.71 -1.19 0.00	51.79 -1.77 0.00	54.99 -3.70 0.00	57.37 -4.32 0.00	47.59 -3.75 0.00	52.37 -5.62 0.00	46.83 -5.49 0.00	46.69 -6.06 0.00	45.08 -7.45 1.07	46.69 -7.81 0.89	47.41 -7.85 2.05	57.73 -9.15 2.43	63.58 -9.46 2.65	56.92 -8.48 2.39	52.45 -9.35 2.21	45.83 -7.90 1.15	42.93 -7.60 1.51	47.08 -5.86 0.34	45.52 -7.34 -0.06
INDECK___OSWEGO 23783	47.35 -1.52 0.00	45.66 -1.46 0.00	44.04 -1.46 0.00	43.47 -1.39 0.00	44.94 -1.39 0.00	44.53 -1.38 0.00	51.90 -1.66 0.00	56.69 -2.00 0.00	59.59 -2.10 0.00	49.53 -1.80 0.00	55.73 -2.26 0.00	50.28 -2.04 0.00	50.70 -2.06 0.00	51.51 -2.09 0.00	53.23 -2.16 0.00	55.34 -2.24 -0.27	66.68 -2.63 0.00	72.97 -2.72 0.00	65.35 -2.44 0.00	61.59 -2.43 -0.02	53.20 -2.09 -0.41	50.71 -2.03 -0.71	51.20 -2.08 0.00	50.87 -1.95 -0.03
INDECK___YERKES 23781	46.62 -2.25 0.00	44.81 -2.31 0.00	43.27 -2.23 0.00	43.11 -1.75 0.00	44.66 -1.67 0.00	43.70 -2.20 0.00	50.02 -3.54 0.00	52.82 -5.87 0.00	55.52 -6.17 0.00	46.20 -5.13 0.00	50.63 -7.37 0.00	45.26 -7.07 0.00	45.21 -7.55 0.00	42.10 -7.13 4.37	43.88 -7.87 3.64	41.31 -7.85 8.15	50.53 -8.87 9.91	55.88 -9.01 10.80	49.90 -8.14 9.76	46.64 -8.19 9.17	40.51 -6.86 7.51	38.10 -6.81 7.12	45.50 -6.40 1.38	46.67 -6.18 -0.05
INDIAN POINT_GT_1 24139	51.22 2.35 0.00	49.24 2.12 0.00	47.55 2.05 0.00	46.70 1.84 0.00	48.18 1.85 0.00	47.78 1.88 0.00	55.97 2.41 0.00	61.33 2.64 0.00	64.21 2.53 0.00	53.49 2.16 0.00	60.84 2.84 0.00	54.89 2.56 0.00	55.44 2.69 0.00	56.44 2.84 0.00	58.38 2.99 0.00	63.93 3.15 -3.47	73.19 3.88 0.00	79.86 4.16 0.00	71.65 3.86 0.00	68.12 3.84 -0.27	63.33 3.24 -5.21	64.19 3.07 -9.09	56.33 3.04 -0.01	55.98 2.85 -0.33
INDIAN POINT_GT_2 23659	51.22 2.35 0.00	49.24 2.12 0.00	47.55 2.05 0.00	46.70 1.84 0.00	48.18 1.85 0.00	47.78 1.88 0.00	55.97 2.41 0.00	61.33 2.64 0.00	64.21 2.53 0.00	53.49 2.16 0.00	60.84 2.84 0.00	54.89 2.56 0.00	55.44 2.69 0.00	56.44 2.84 0.00	58.38 2.99 0.00	63.93 3.15 -3.47	73.19 3.88 0.00	79.86 4.16 0.00	71.65 3.86 0.00	68.12 3.84 -0.27	63.33 3.24 -5.21	64.19 3.07 -9.09	56.33 3.04 -0.01	55.98 2.85 -0.33
INDIAN POINT_GT_3 24019	51.22 2.35 0.00	49.24 2.12 0.00	47.55 2.05 0.00	46.70 1.84 0.00	48.18 1.85 0.00	47.78 1.88 0.00	55.97 2.41 0.00	61.33 2.64 0.00	64.21 2.53 0.00	53.49 2.16 0.00	60.84 2.84 0.00	54.89 2.56 0.00	55.44 2.69 0.00	56.44 2.84 0.00	58.38 2.99 0.00	63.93 3.15 -3.47	73.19 3.88 0.00	79.86 4.16 0.00	71.65 3.86 0.00	68.12 3.84 -0.27	63.33 3.24 -5.21	64.19 3.07 -9.09	56.33 3.04 -0.01	55.98 2.85 -0.33
INDIAN POINT___2 23530	51.17 2.30 0.00	49.24 2.12 0.00	47.55 2.05 0.00	46.75 1.88 0.00	48.19 1.86 0.00	47.69 1.79 0.00	55.81 2.25 0.00	61.21 2.52 0.00	64.09 2.40 0.00	53.33 2.00 0.00	60.67 2.67 0.00	54.79 2.46 0.00	55.44 2.69 0.00	56.33 2.73 0.00	58.27 2.88 0.00	63.77 3.04 -3.42	72.98 3.67 0.00	79.70 4.01 0.00	71.52 3.73 0.00	67.98 3.71 -0.27	63.15 3.13 -5.14	63.91 2.91 -8.97	56.22 2.93 -0.01	55.87 2.74 -0.33
INDIAN POINT___3 23531	51.17 2.30 0.00	49.19 2.07 0.00	47.46 1.96 0.00	46.66 1.79 0.00	48.14 1.81 0.00	47.74 1.84 0.00	55.86 2.30 0.00	61.21 2.52 0.00	64.15 2.47 0.00	53.39 2.05 0.00	60.72 2.73 0.00	54.84 2.51 0.00	55.39 2.64 0.00	56.33 2.73 0.00	58.27 2.88 0.00	63.81 3.04 -3.47	73.05 3.74 0.00	79.63 3.94 0.00	71.52 3.73 0.00	67.99 3.71 -0.27	63.22 3.13 -5.21	64.09 2.97 -9.09	56.22 2.93 -0.01	55.87 2.75 -0.33
INGHAM_C_115KV_TB7 356103	51.31 2.44 0.00	49.47 2.36 0.00	47.77 2.27 0.00	47.11 2.24 0.00	48.69 2.36 0.00	48.33 2.43 0.00	56.56 3.00 0.00	62.21 3.52 0.00	65.70 4.01 0.00	54.82 3.49 0.00	62.06 4.06 0.00	55.99 3.66 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.10 3.71 0.00	60.98 3.67 0.00	73.40 4.09 0.00	80.01 4.31 0.00	71.52 3.73 0.00	67.46 3.46 0.00	57.85 2.96 0.00	55.00 2.97 0.00	56.42 3.14 0.00	55.91 3.12 0.00
IP CORINTH___1 23988	50.53 1.66 0.00	49.00 1.88 0.00	47.23 1.73 0.00	46.57 1.70 0.00	48.28 1.95 0.00	47.97 2.07 0.00	55.76 2.20 0.00	61.39 2.70 0.00	64.03 2.34 0.00	52.98 1.64 0.00	59.91 1.91 0.00	53.95 1.62 0.00	54.49 1.74 0.00	55.32 1.72 0.00	57.44 2.05 0.00	64.09 2.35 -4.43	72.01 2.70 0.00	78.80 3.10 0.00	70.70 2.91 0.00	67.04 2.69 -0.35	63.79 2.25 -6.66	65.89 2.24 -11.62	55.64 2.34 -0.01	55.70 2.48 -0.42
IP___TICONDEROGA 23804	52.29 3.42 0.00	50.79 3.68 0.00	48.87 3.37 0.00	48.27 3.41 0.00	50.13 3.80 0.00	49.89 3.99 0.00	57.95 4.39 0.00	63.97 5.28 0.00	66.25 4.56 0.00	54.67 3.34 0.00	61.65 3.65 0.00	55.47 3.14 0.00	55.97 3.22 0.00	56.92 3.32 0.00	59.21 3.82 0.00	66.15 4.41 -4.43	74.65 5.34 0.00	81.82 6.13 0.00	73.48 5.69 0.00	69.54 5.18 -0.35	65.87 4.34 -6.65	67.74 4.11 -11.60	57.66 4.37 -0.01	57.76 4.54 -0.42
ISLIP_RES_REC 323679	65.69 4.79 -12.02	59.46 4.52 -7.82	49.83 4.32 -0.01	49.00 4.12 -0.01	50.51 4.17 -0.01	51.29 4.18 -1.21	64.30 5.09 -5.65	69.91 5.51 -5.71	69.87 5.49 -2.69	55.76 4.42 -0.01	63.28 5.28 -0.01	57.25 4.92 -0.01	58.60 5.17 -0.67	58.76 5.15 -0.01	66.83 5.32 -6.12	71.40 5.67 -8.41	90.84 6.93 -14.60	109.50 7.11 -26.69	104.79 6.51 -30.49	95.60 6.46 -25.13	84.19 5.43 -23.88	75.81 5.10 -18.67	62.95 5.49 -4.18	58.32 5.18 -0.34

JAMAICA__27_KV_LOAD 355505	51.56 2.69 0.00	49.38 2.26 0.00	47.64 2.14 0.00	46.75 1.88 0.00	48.23 1.90 0.00	48.01 2.11 0.00	56.83 3.27 0.00	62.62 3.93 0.00	65.65 3.95 -0.02	54.63 3.29 -0.02	62.25 4.23 -0.02	56.21 3.87 -0.02	56.78 4.01 -0.02	57.74 4.13 -0.02	59.73 4.32 -0.02	65.36 4.53 -3.52	74.99 5.68 0.00	81.75 6.06 0.00	73.48 5.69 0.00	69.93 5.63 -0.29	64.82 4.66 -5.28	65.58 4.37 -9.18	57.50 4.21 -0.01	56.88 3.75 -0.33
JANIS__SOLAR 323808	50.14 1.27 0.00	48.39 1.27 0.00	46.73 1.23 0.00	46.21 1.34 0.00	47.91 1.58 0.00	47.51 1.61 0.00	55.71 2.14 0.00	60.97 2.29 0.00	63.90 2.22 0.00	52.82 1.49 0.00	58.92 0.93 0.00	52.85 0.52 0.00	53.07 0.32 0.00	55.14 0.32 -1.22	56.84 0.44 -1.01	63.31 0.63 -5.37	73.24 1.18 -2.75	80.51 1.81 -3.00	71.99 1.49 -2.71	67.79 1.15 -2.63	59.43 0.88 -3.67	61.23 0.52 -8.67	54.20 0.53 -0.39	53.42 0.53 -0.09
JARVIS____ 23743	49.02 0.15 0.00	47.26 0.14 0.00	45.64 0.14 0.00	44.95 0.09 0.00	46.42 0.09 0.00	46.04 0.14 0.00	53.72 0.16 0.00	58.92 0.24 0.00	61.87 0.19 0.00	51.49 0.15 0.00	58.23 0.23 0.00	52.54 0.21 0.00	52.97 0.21 0.00	53.82 0.22 0.00	55.61 0.22 0.00	57.48 0.17 0.00	69.45 0.14 0.00	75.92 0.23 0.00	67.99 0.20 0.00	64.20 0.19 0.00	55.05 0.17 0.00	52.19 0.16 0.00	53.44 0.16 0.00	53.01 0.21 0.00
JENNISON____1 23625	50.19 1.32 0.00	48.39 1.27 0.00	46.86 1.36 0.00	46.21 1.35 0.00	47.81 1.48 0.00	47.42 1.51 0.00	55.76 2.20 0.00	61.09 2.41 0.00	64.21 2.53 0.00	53.23 1.90 0.00	59.62 1.62 0.00	53.53 1.20 0.00	53.70 0.95 0.00	54.57 0.96 0.00	56.55 1.16 0.00	60.30 1.26 -1.73	71.18 1.87 0.00	78.11 2.42 0.00	69.82 2.03 0.00	65.83 1.73 -0.10	58.07 1.37 -1.82	56.99 0.78 -4.17	54.03 0.75 0.00	53.60 0.69 -0.12
JENNISON____2 23626	50.19 1.32 0.00	48.39 1.27 0.00	46.86 1.36 0.00	46.21 1.35 0.00	47.81 1.48 0.00	47.42 1.51 0.00	55.76 2.20 0.00	61.09 2.41 0.00	64.21 2.53 0.00	53.23 1.90 0.00	59.62 1.62 0.00	53.53 1.20 0.00	53.70 0.95 0.00	54.57 0.96 0.00	56.55 1.16 0.00	60.30 1.26 -1.73	71.18 1.87 0.00	78.11 2.42 0.00	69.82 2.03 0.00	65.83 1.73 -0.10	58.07 1.37 -1.82	56.99 0.78 -4.17	54.03 0.75 0.00	53.60 0.69 -0.12
JERICOHO_RISE_WT_PWR 323719	47.94 -0.93 0.00	46.32 -0.80 0.00	44.73 -0.77 0.00	44.10 -0.76 0.00	45.59 -0.74 0.00	45.26 -0.64 0.00	53.08 -0.48 0.00	58.69 0.00 0.00	62.30 0.62 0.00	52.31 0.97 0.00	59.10 1.10 0.00	53.48 1.15 0.00	53.75 1.00 0.00	54.62 1.02 0.00	56.44 1.05 0.00	58.28 0.97 0.00	70.28 0.97 0.00	76.23 0.53 0.00	67.79 0.00 0.00	63.94 0.00 0.00	54.77 -0.06 0.00	52.09 -0.11 0.00	53.12 -0.16 0.00	52.48 -0.31 0.00
KATONAH__115KV_46KV_TB4 355592	51.61 2.74 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.11 2.24 0.00	48.65 2.32 0.00	48.20 2.30 0.00	56.45 2.89 0.00	61.86 3.17 0.00	64.89 3.21 0.00	53.95 2.62 0.00	61.30 3.31 0.00	55.31 2.98 0.00	55.81 3.06 0.00	56.76 3.16 0.00	58.77 3.38 0.00	64.47 3.61 -3.55	73.82 4.51 0.00	80.54 4.84 0.00	72.26 4.47 0.00	68.70 4.42 -0.28	63.89 3.68 -5.33	64.87 3.54 -9.29	56.75 3.46 -0.01	56.36 3.22 -0.34
KCE_NY_1 323755	51.07 2.20 0.00	49.38 2.26 0.00	47.64 2.14 0.00	46.97 2.11 0.00	48.55 2.22 0.00	48.20 2.29 0.00	56.08 2.52 0.00	61.68 2.99 0.00	64.40 2.71 0.00	53.39 2.06 0.00	60.37 2.38 0.00	54.47 2.15 0.00	55.02 2.27 0.00	55.90 2.30 0.00	58.00 2.60 0.00	64.65 2.92 -4.42	72.71 3.40 0.00	79.48 3.78 0.00	71.31 3.52 0.00	67.68 3.33 -0.35	64.38 2.85 -6.64	66.27 2.65 -11.58	56.11 2.82 -0.01	56.12 2.90 -0.42
KCE_NY_6_ESR 323823	46.96 -1.91 0.00	45.09 -2.02 0.00	43.54 -1.96 0.00	43.52 -1.34 0.00	45.13 -1.20 0.00	44.20 -1.70 0.00	50.77 -2.79 0.00	53.70 -4.99 0.00	56.32 -5.37 0.00	46.81 -4.52 0.00	51.38 -6.61 0.00	45.94 -6.39 0.00	45.84 -6.91 0.00	41.09 -7.29 5.22	43.07 -7.98 4.35	39.57 -7.96 9.77	48.41 -9.08 11.82	53.49 -9.31 12.89	47.74 -8.41 11.64	44.42 -8.64 10.95	38.55 -7.30 9.04	36.30 -7.13 8.61	45.29 -6.34 1.65	46.30 -6.55 -0.06
KEDC_PORT_JEFF_GT2 24210	65.27 4.45 -11.95	59.08 4.19 -7.77	49.56 4.05 -0.01	48.73 3.86 -0.01	50.23 3.89 -0.01	51.01 3.90 -1.21	63.89 4.71 -5.62	69.46 5.10 -5.67	69.42 5.06 -2.68	55.45 4.11 -0.01	62.93 4.93 -0.01	56.94 4.61 -0.01	58.27 4.85 -0.67	58.44 4.83 -0.01	66.46 4.99 -6.08	71.08 5.39 -8.38	90.33 6.51 -14.51	108.80 6.58 -26.53	104.19 6.10 -30.30	95.07 6.08 -24.98	83.75 5.10 -23.76	75.43 4.78 -18.61	62.60 5.17 -4.16	58.05 4.91 -0.34
KEDC_PORT_JEFF_GT3 24211	65.27 4.45 -11.95	59.08 4.19 -7.77	49.56 4.05 -0.01	48.73 3.86 -0.01	50.23 3.89 -0.01	51.01 3.90 -1.21	63.89 4.71 -5.62	69.46 5.10 -5.67	69.42 5.06 -2.68	55.45 4.11 -0.01	62.93 4.93 -0.01	56.94 4.61 -0.01	58.27 4.85 -0.67	58.44 4.83 -0.01	66.46 4.99 -6.08	71.08 5.39 -8.38	90.33 6.51 -14.51	108.80 6.58 -26.53	104.19 6.10 -30.30	95.07 6.08 -24.98	83.75 5.10 -23.76	75.43 4.78 -18.61	62.60 5.17 -4.16	58.05 4.91 -0.34
KEDC_GLWD_GT4 24219	71.17 3.32 -18.98	62.53 3.06 -12.35	48.52 3.00 -0.02	47.71 2.83 -0.02	49.17 2.83 -0.02	50.57 2.75 -1.91	65.86 3.38 -8.92	71.40 3.70 -9.01	69.64 3.70 -4.25	54.48 3.13 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.62 3.80 -1.06	57.48 3.86 -0.02	69.09 4.04 -9.65	72.80 4.24 -11.25	97.56 5.20 -23.04	123.34 5.52 -42.13	121.06 5.15 -48.12	108.57 5.06 -39.51	93.75 4.23 -34.64	80.20 4.01 -24.16	63.93 4.05 -6.60	57.00 3.85 -0.35
KEDC_GLWD_GT5 24220	71.17 3.32 -18.98	62.53 3.06 -12.35	48.52 3.00 -0.02	47.71 2.83 -0.02	49.17 2.83 -0.02	50.57 2.75 -1.91	65.86 3.38 -8.92	71.40 3.70 -9.01	69.64 3.70 -4.25	54.48 3.13 -0.02	61.90 3.89 -0.02	55.95 3.61 -0.02	57.62 3.80 -1.06	57.48 3.86 -0.02	69.09 4.04 -9.65	72.80 4.24 -11.25	97.56 5.20 -23.04	123.34 5.52 -42.13	121.06 5.15 -48.12	108.57 5.06 -39.51	93.75 4.23 -34.64	80.20 4.01 -24.16	63.93 4.05 -6.60	57.00 3.85 -0.35
KENSICO____ 23655	51.41 2.54 0.00	49.38 2.26 0.00	47.68 2.18 0.00	46.88 2.02 0.00	48.32 1.99 0.00	47.92 2.02 0.00	56.13 2.57 0.00	61.56 2.88 0.00	64.46 2.78 0.00	53.69 2.36 0.00	61.07 3.07 0.00	55.15 2.83 0.00	55.71 2.95 0.00	56.66 3.06 0.00	58.60 3.21 0.00	64.19 3.38 -3.50	73.47 4.16 0.00	80.16 4.47 0.00	71.99 4.20 0.00	68.44 4.16 -0.27	63.59 3.46 -5.25	64.47 3.28 -9.16	56.54 3.25 -0.01	56.19 3.06 -0.33
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.70 2.83 0.00	49.76 2.64 0.00	47.96 2.46 0.00	47.20 2.33 0.00	48.69 2.36 0.00	48.29 2.39 0.00	56.56 3.00 0.00	61.80 3.11 0.00	64.83 3.15 0.00	53.59 2.26 0.00	60.55 2.55 0.00	54.58 2.25 0.00	55.18 2.43 0.00	56.39 2.79 0.00	58.33 2.94 0.00	63.88 3.21 -3.36	73.47 4.16 0.00	80.31 4.62 0.00	72.20 4.41 0.00	68.56 4.29 -0.26	63.50 3.57 -5.05	64.33 3.49 -8.81	56.54 3.25 -0.01	56.07 2.96 -0.32

KIAC_JFK_GT1 23816	51.26 2.39 0.00	49.10 1.98 0.00	47.36 1.87 0.00	46.48 1.62 0.00	47.95 1.62 0.00	47.78 1.88 0.00	56.51 2.95 0.00	62.27 3.58 0.00	65.28 3.58 -0.02	54.38 3.03 -0.02	61.90 3.89 -0.02	55.90 3.56 -0.02	56.51 3.75 -0.02	57.48 3.86 -0.02	59.40 3.99 -0.02	65.01 4.18 -3.52	74.30 4.99 0.00	80.99 5.30 0.00	72.87 5.08 0.00	69.35 5.06 -0.29	64.49 4.34 -5.28	65.27 4.06 -9.18	57.18 3.89 -0.01	56.62 3.48 -0.33
KIAC_JFK_GT2 23817	51.26 2.39 0.00	49.10 1.98 0.00	47.36 1.87 0.00	46.48 1.62 0.00	47.95 1.62 0.00	47.78 1.88 0.00	56.51 2.95 0.00	62.27 3.58 0.00	65.28 3.58 -0.02	54.38 3.03 -0.02	61.90 3.89 -0.02	55.90 3.56 -0.02	56.51 3.75 -0.02	57.48 3.86 -0.02	59.40 3.99 -0.02	65.01 4.18 -3.52	74.30 4.99 0.00	80.99 5.30 0.00	72.87 5.08 0.00	69.35 5.06 -0.29	64.49 4.34 -5.28	65.27 4.06 -9.18	57.18 3.89 -0.01	56.62 3.48 -0.33
KIAC_JFK____ 323774	51.26 2.39 0.00	49.19 2.07 0.00	47.45 1.96 0.00	46.66 1.80 0.00	48.05 1.72 0.00	47.74 1.84 0.00	56.45 2.89 0.00	62.27 3.58 0.00	65.28 3.58 -0.02	54.32 2.98 -0.02	61.90 3.89 -0.02	55.90 3.56 -0.02	56.62 3.85 -0.02	57.42 3.81 -0.02	59.40 3.99 -0.02	65.07 4.24 -3.52	74.30 4.99 0.00	81.07 5.37 0.00	72.88 5.09 0.00	69.35 5.06 -0.29	64.49 4.33 -5.28	65.28 4.06 -9.18	57.18 3.89 -0.01	56.61 3.48 -0.33
KINTIGH__24_KV_GSU 356498	46.48 -2.39 0.00	44.72 -2.40 0.00	43.13 -2.37 0.00	42.85 -2.02 0.00	44.29 -2.04 0.00	43.42 -2.48 0.00	49.92 -3.64 0.00	53.17 -5.52 0.00	55.95 -5.73 0.00	46.61 -4.72 0.00	51.38 -6.61 0.00	46.05 -6.28 0.00	46.11 -6.65 0.00	44.59 -6.33 2.69	46.12 -7.04 2.24	45.33 -6.99 4.98	55.41 -7.83 6.07	61.12 -7.95 6.62	54.56 -7.25 5.98	51.36 -7.04 5.60	44.71 -5.98 4.19	41.92 -5.98 4.13	46.41 -6.02 0.85	47.72 -5.12 -0.05
KINTIGH____ 23543	46.43 -2.44 0.00	44.53 -2.59 0.00	43.13 -2.37 0.00	42.80 -2.06 0.00	44.20 -2.13 0.00	42.96 -2.94 0.00	49.92 -3.64 0.00	53.17 -5.52 0.00	55.89 -5.80 0.00	46.51 -4.83 0.00	51.21 -6.79 0.00	45.99 -6.33 0.00	46.05 -6.70 0.00	44.54 -6.38 2.69	46.12 -7.03 2.24	45.39 -6.93 4.98	55.34 -7.90 6.07	61.27 -7.80 6.62	54.55 -7.25 5.98	51.36 -7.04 5.60	44.71 -5.98 4.19	41.92 -5.98 4.13	46.41 -6.02 0.85	47.72 -5.12 -0.05
KNTFSRNC_46_KV_46KV_LOAD 80397	48.82 -0.05 0.00	47.21 0.09 0.00	45.54 0.05 0.00	44.91 0.04 0.00	46.47 0.14 0.00	46.13 0.23 0.00	54.04 0.48 0.00	59.86 1.17 0.00	63.47 1.79 0.00	53.33 2.00 0.00	60.14 2.15 0.00	54.47 2.15 0.00	54.81 2.06 0.00	55.48 1.88 0.00	57.39 1.99 0.00	59.26 1.95 0.00	71.60 2.29 0.00	77.59 1.89 0.00	68.94 1.15 0.00	65.09 1.09 0.00	55.76 0.88 0.00	53.13 1.09 0.00	54.13 0.85 0.00	53.48 0.69 0.00
LACHUTE____HYDRO 323717	52.34 3.47 0.00	50.84 3.72 0.00	48.87 3.37 0.00	48.27 3.41 0.00	50.13 3.80 0.00	49.85 3.95 0.00	57.95 4.39 0.00	63.97 5.28 0.00	66.25 4.56 0.00	54.67 3.33 0.00	61.59 3.60 0.00	55.47 3.14 0.00	55.97 3.22 0.00	56.93 3.32 0.00	59.21 3.82 0.00	66.15 4.41 -4.43	74.65 5.34 0.00	81.82 6.13 0.00	73.48 5.70 0.00	69.53 5.18 -0.35	65.87 4.33 -6.65	67.74 4.11 -11.60	57.66 4.37 -0.01	57.76 4.54 -0.42
LAWRNCALV_115KV_TB1 80681	49.41 0.54 0.00	47.78 0.66 0.00	46.14 0.64 0.00	45.49 0.63 0.00	46.98 0.65 0.00	46.59 0.69 0.00	54.47 0.91 0.00	60.04 1.35 0.00	63.29 1.60 0.00	52.82 1.49 0.00	59.50 1.51 0.00	53.84 1.52 0.00	54.18 1.42 0.00	54.89 1.29 0.00	56.72 1.33 0.00	58.40 1.09 0.00	70.21 0.90 0.00	76.37 0.68 0.00	68.13 0.34 0.00	64.39 0.38 0.00	55.21 0.33 0.00	52.87 0.83 0.00	54.29 1.01 0.00	53.75 0.95 0.00
LEDERLE____ 23769	51.26 2.39 0.00	49.24 2.12 0.00	47.55 2.05 0.00	46.75 1.88 0.00	48.18 1.85 0.00	47.78 1.88 0.00	55.97 2.41 0.00	61.27 2.58 0.00	64.15 2.47 0.00	53.39 2.05 0.00	60.66 2.67 0.00	54.79 2.46 0.00	55.34 2.58 0.00	56.33 2.73 0.00	58.27 2.88 0.00	63.73 3.04 -3.39	73.05 3.74 0.00	79.70 4.01 0.00	71.59 3.80 0.00	68.05 3.78 -0.26	63.15 3.18 -5.08	63.92 3.02 -8.87	56.22 2.93 -0.01	55.92 2.80 -0.32
LIGHTHSE_115KV_TB6 355974	48.19 -0.68 0.00	46.50 -0.61 0.00	44.95 -0.55 0.00	44.28 -0.58 0.00	45.77 -0.56 0.00	45.35 -0.55 0.00	52.97 -0.59 0.00	57.92 -0.76 0.00	60.88 -0.80 0.00	50.51 -0.82 0.00	56.78 -1.22 0.00	51.33 -0.99 0.00	51.65 -1.11 0.00	52.58 -1.02 0.00	54.28 -1.11 0.00	56.41 -1.15 -0.25	67.86 -1.46 0.00	74.33 -1.36 0.00	66.37 -1.42 0.00	62.55 -1.47 -0.02	54.00 -1.26 -0.38	51.60 -1.09 -0.66	52.22 -1.07 0.00	51.82 -1.00 -0.02
LINDEN COGEN____ 23786	51.41 2.54 0.00	49.33 2.22 0.00	47.64 2.14 0.00	46.84 1.97 0.00	48.23 1.90 0.00	47.74 1.84 0.00	56.03 2.47 0.00	61.50 2.82 0.00	64.40 2.71 0.00	53.64 2.31 0.00	61.18 3.19 0.00	55.31 2.98 0.00	55.97 3.22 0.00	56.82 3.22 0.00	58.77 3.38 0.00	64.37 3.55 -3.50	73.75 4.44 0.00	80.39 4.69 0.00	72.26 4.47 0.00	68.76 4.48 -0.27	63.82 3.68 -5.26	64.65 3.43 -9.18	56.65 3.36 -0.01	56.30 3.17 -0.33
LINDHRST_69_KV_BK1 356055	66.29 4.25 -13.17	59.59 3.91 -8.57	49.29 3.78 -0.01	48.42 3.54 -0.01	49.95 3.61 -0.01	50.90 3.67 -1.33	64.20 4.45 -6.19	69.69 4.75 -6.25	69.45 4.81 -2.95	55.35 4.00 -0.01	62.82 4.81 -0.01	56.78 4.45 -0.01	58.08 4.59 -0.74	58.33 4.72 -0.01	66.96 4.87 -6.70	71.40 5.22 -8.88	91.74 6.45 -15.99	111.66 6.74 -29.23	107.41 6.24 -33.39	97.58 6.08 -27.50	85.69 5.16 -25.65	76.45 4.84 -19.57	62.87 5.01 -4.58	57.89 4.75 -0.34
LIPA_MISC_IPP 23656	65.38 4.59 -11.91	59.11 4.24 -7.75	49.56 4.05 -0.01	48.69 3.81 -0.01	50.23 3.89 -0.01	51.14 4.04 -1.20	64.09 4.93 -5.60	69.63 5.28 -5.66	69.60 5.24 -2.67	55.50 4.16 -0.01	62.99 4.99 -0.01	57.04 4.71 -0.01	58.27 4.85 -0.67	58.54 4.93 -0.01	66.38 4.93 -6.06	70.95 5.27 -8.37	90.15 6.38 -14.47	108.20 6.06 -26.45	103.56 5.56 -30.21	94.67 5.76 -24.91	83.42 4.83 -23.71	75.15 4.53 -18.58	62.59 5.17 -4.15	58.00 4.86 -0.34
LISF____SOLAR 323691	65.49 4.69 -11.93	59.36 4.48 -7.76	49.78 4.28 -0.01	48.91 4.04 -0.01	50.46 4.12 -0.01	51.24 4.13 -1.20	64.15 4.98 -5.61	69.81 5.46 -5.66	69.72 5.36 -2.67	55.60 4.26 -0.01	63.11 5.10 -0.01	57.10 4.76 -0.01	58.44 5.01 -0.67	58.60 4.99 -0.01	66.45 4.99 -6.07	71.13 5.45 -8.37	90.31 6.51 -14.48	108.38 6.21 -26.48	103.73 5.70 -30.24	94.82 5.88 -24.93	83.55 4.94 -23.73	75.26 4.63 -18.59	62.71 5.28 -4.15	58.16 5.02 -0.34
LITTLE FALLS____HYD 24013	51.31 2.44 0.00	49.47 2.36 0.00	47.77 2.27 0.00	47.11 2.24 0.00	48.69 2.36 0.00	48.33 2.43 0.00	56.56 3.00 0.00	62.21 3.52 0.00	65.70 4.01 0.00	54.82 3.49 0.00	62.06 4.06 0.00	55.99 3.66 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.10 3.71 0.00	60.98 3.67 0.00	73.40 4.09 0.00	80.01 4.31 0.00	71.52 3.73 0.00	67.46 3.46 0.00	57.85 2.96 0.00	55.00 2.97 0.00	56.42 3.14 0.00	55.91 3.12 0.00

LITTLRIV_115KV_TB1 356100	49.95 1.08 0.00	48.30 1.18 0.00	46.68 1.18 0.00	45.94 1.08 0.00	47.49 1.16 0.00	47.09 1.19 0.00	55.01 1.45 0.00	60.68 2.00 0.00	63.91 2.22 0.00	53.28 1.95 0.00	59.97 1.97 0.00	54.21 1.88 0.00	54.55 1.79 0.00	55.26 1.66 0.00	57.16 1.77 0.00	58.91 1.60 0.00	70.91 1.59 0.00	77.21 1.51 0.00	68.87 1.08 0.00	65.03 1.02 0.00	55.76 0.88 0.00	53.44 1.40 0.00	54.83 1.55 0.00	54.28 1.48 0.00
LI_NEWBRDGE___DRP 323616	63.33 3.27 -11.19	57.36 2.97 -7.28	48.33 2.82 -0.01	47.56 2.69 -0.01	49.03 2.69 -0.01	49.78 2.75 -1.13	62.19 3.37 -5.26	67.64 3.64 -5.31	67.77 3.58 -2.51	54.42 3.08 -0.01	61.77 3.77 -0.01	55.84 3.51 -0.01	57.02 3.64 -0.63	57.36 3.75 -0.01	65.01 3.93 -5.69	69.56 4.18 -8.07	88.02 5.13 -13.58	105.83 5.30 -24.83	101.10 4.95 -28.37	92.27 4.86 -23.40	81.63 4.17 -22.58	73.95 3.90 -18.01	61.17 4.00 -3.89	56.94 3.80 -0.34
LOCKPORT_115KV_TB60_63_64 80432	46.72 -2.15 0.00	44.71 -2.40 0.00	43.36 -2.14 0.00	43.11 -1.75 0.00	44.57 -1.76 0.00	43.19 -2.71 0.00	49.86 -3.70 0.00	52.52 -6.16 0.00	55.21 -6.48 0.00	45.89 -5.44 0.00	50.22 -7.77 0.00	45.05 -7.27 0.00	45.00 -7.75 0.00	42.57 -7.24 3.80	44.28 -7.98 3.14	42.40 -7.91 7.00	51.82 -8.87 8.62	57.51 -8.78 9.40	51.17 -8.13 8.49	47.83 -8.19 7.98	41.50 -6.92 6.47	39.03 -6.87 6.13	45.63 -6.45 1.20	46.35 -6.49 -0.05
LOCKPORT___CC1 323769	46.67 -2.20 0.00	44.86 -2.26 0.00	43.27 -2.23 0.00	43.11 -1.75 0.00	44.66 -1.67 0.00	43.65 -2.25 0.00	49.81 -3.75 0.00	52.46 -6.22 0.00	55.21 -6.48 0.00	45.94 -5.39 0.00	50.40 -7.60 0.00	45.05 -7.27 0.00	45.00 -7.75 0.00	42.20 -7.29 4.11	43.89 -8.09 3.41	41.62 -8.08 7.61	50.91 -9.08 9.33	56.36 -9.16 10.17	50.26 -8.34 9.19	46.98 -8.38 8.64	40.81 -7.03 7.05	38.38 -6.97 6.68	45.37 -6.61 1.30	46.40 -6.44 -0.05
LOCKPORT___CC2 323770	46.67 -2.20 0.00	44.86 -2.26 0.00	43.27 -2.23 0.00	43.11 -1.75 0.00	44.66 -1.67 0.00	43.65 -2.25 0.00	49.81 -3.75 0.00	52.46 -6.22 0.00	55.21 -6.48 0.00	45.94 -5.39 0.00	50.40 -7.60 0.00	45.05 -7.27 0.00	45.00 -7.75 0.00	42.20 -7.29 4.11	43.89 -8.09 3.41	41.62 -8.08 7.61	50.91 -9.08 9.33	56.36 -9.16 10.17	50.26 -8.34 9.19	46.98 -8.38 8.64	40.81 -7.03 7.05	38.38 -6.97 6.68	45.37 -6.61 1.30	46.40 -6.44 -0.05
LOCKPORT___CC3 323771	46.67 -2.20 0.00	44.86 -2.26 0.00	43.27 -2.23 0.00	43.11 -1.75 0.00	44.66 -1.67 0.00	43.65 -2.25 0.00	49.81 -3.75 0.00	52.46 -6.22 0.00	55.21 -6.48 0.00	45.94 -5.39 0.00	50.40 -7.60 0.00	45.05 -7.27 0.00	45.00 -7.75 0.00	42.20 -7.29 4.11	43.89 -8.09 3.41	41.62 -8.08 7.61	50.91 -9.08 9.33	56.36 -9.16 10.17	50.26 -8.34 9.19	46.98 -8.38 8.64	40.81 -7.03 7.05	38.38 -6.97 6.68	45.37 -6.61 1.30	46.40 -6.44 -0.05
LOCUSVLY_69_KV_BK2 55797	69.63 3.67 -17.10	61.59 3.35 -11.12	48.74 3.23 -0.01	47.93 3.05 -0.01	49.40 3.06 -0.01	50.70 3.08 -1.72	65.40 3.80 -8.04	70.91 4.11 -8.12	69.59 4.07 -3.83	54.79 3.44 -0.01	62.24 4.23 -0.01	56.26 3.92 -0.01	57.77 4.06 -0.96	57.80 4.18 -0.01	68.46 4.38 -8.70	72.38 4.58 -10.49	95.69 5.61 -20.76	119.63 5.98 -37.96	116.70 5.56 -43.35	105.07 5.44 -35.62	91.17 4.56 -31.73	79.03 4.32 -22.67	63.59 4.37 -5.95	57.32 4.17 -0.35
LONG_LAKE_PHOENIX 24014	47.45 -1.42 0.00	45.75 -1.37 0.00	44.18 -1.32 0.00	43.61 -1.26 0.00	45.08 -1.25 0.00	44.62 -1.29 0.00	52.06 -1.50 0.00	56.87 -1.82 0.00	59.77 -1.91 0.00	49.64 -1.69 0.00	55.85 -2.15 0.00	50.34 -1.99 0.00	50.75 -2.00 0.00	51.62 -1.98 0.00	53.29 -2.10 0.00	55.47 -2.12 -0.28	66.82 -2.50 0.00	73.19 -2.50 0.00	65.55 -2.24 0.00	61.79 -2.24 -0.02	53.38 -1.92 -0.42	50.84 -1.93 -0.73	51.31 -1.97 0.00	50.92 -1.90 -0.03
LOVETT___3 23632	51.07 2.20 0.00	49.10 1.98 0.00	47.41 1.91 0.00	46.61 1.75 0.00	48.04 1.71 0.00	47.65 1.74 0.00	55.76 2.20 0.00	61.09 2.41 0.00	63.97 2.28 0.00	53.28 1.95 0.00	60.61 2.61 0.00	54.73 2.41 0.00	55.29 2.53 0.00	56.23 2.63 0.00	58.16 2.77 0.00	63.58 2.87 -3.41	72.85 3.53 0.00	79.48 3.78 0.00	71.38 3.59 0.00	67.86 3.58 -0.27	62.96 2.96 -5.12	63.77 2.81 -8.93	56.11 2.82 -0.01	55.76 2.64 -0.32
LOVETT___4 23642	51.07 2.20 0.00	49.10 1.98 0.00	47.41 1.91 0.00	46.61 1.75 0.00	48.04 1.71 0.00	47.65 1.74 0.00	55.76 2.20 0.00	61.09 2.41 0.00	63.97 2.28 0.00	53.28 1.95 0.00	60.61 2.61 0.00	54.73 2.41 0.00	55.29 2.53 0.00	56.23 2.63 0.00	58.16 2.77 0.00	63.58 2.87 -3.41	72.85 3.53 0.00	79.48 3.78 0.00	71.38 3.59 0.00	67.86 3.58 -0.27	62.96 2.96 -5.12	63.77 2.81 -8.93	56.11 2.82 -0.01	55.76 2.64 -0.32
LOVETT___5 23593	51.07 2.20 0.00	49.10 1.98 0.00	47.41 1.91 0.00	46.61 1.75 0.00	48.04 1.71 0.00	47.65 1.74 0.00	55.76 2.20 0.00	61.09 2.41 0.00	63.97 2.28 0.00	53.28 1.95 0.00	60.61 2.61 0.00	54.73 2.41 0.00	55.29 2.53 0.00	56.23 2.63 0.00	58.16 2.77 0.00	63.58 2.87 -3.41	72.85 3.53 0.00	79.48 3.78 0.00	71.38 3.59 0.00	67.86 3.58 -0.27	62.96 2.96 -5.12	63.77 2.81 -8.93	56.11 2.82 -0.01	55.76 2.64 -0.32
LOWER RAQUET___HYD 24057	49.41 0.54 0.00	47.78 0.66 0.00	46.14 0.64 0.00	45.45 0.58 0.00	46.98 0.65 0.00	46.59 0.69 0.00	54.58 1.02 0.00	60.04 1.35 0.00	63.35 1.67 0.00	52.87 1.54 0.00	59.56 1.57 0.00	53.84 1.52 0.00	54.02 1.26 0.00	54.89 1.28 0.00	56.78 1.39 0.00	58.39 1.09 0.00	70.07 0.76 0.00	76.30 0.60 0.00	67.99 0.20 0.00	64.26 0.26 0.00	55.10 0.22 0.00	52.86 0.83 0.00	54.29 1.01 0.00	53.75 0.95 0.00
LOWER___HUDSON 24059	50.73 1.86 0.00	48.95 1.84 0.00	47.27 1.77 0.00	46.57 1.70 0.00	48.09 1.76 0.00	47.65 1.74 0.00	55.54 1.98 0.00	60.97 2.29 0.00	63.84 2.16 0.00	53.02 1.69 0.00	60.20 2.20 0.00	54.36 2.04 0.00	54.87 2.11 0.00	55.75 2.15 0.00	57.72 2.33 0.00	64.16 2.52 -4.33	72.22 2.91 0.00	78.95 3.25 0.00	70.84 3.05 0.00	67.23 2.88 -0.34	63.92 2.53 -6.51	65.73 2.34 -11.35	55.80 2.50 -0.01	55.74 2.53 -0.41
LOWVILLE_115KV_TB2 356335	49.07 0.20 0.00	47.40 0.28 0.00	45.82 0.32 0.00	45.09 0.22 0.00	46.61 0.28 0.00	46.27 0.37 0.00	54.20 0.64 0.00	60.10 1.41 0.00	63.41 1.73 0.00	52.62 1.28 0.00	59.27 1.28 0.00	53.37 1.05 0.00	53.65 0.90 0.00	54.57 0.96 0.00	56.22 0.83 0.00	57.77 0.34 -0.12	69.38 0.07 0.00	76.07 0.38 0.00	67.92 0.14 0.00	64.08 0.06 -0.01	55.06 0.00 -0.18	52.51 0.16 -0.32	53.55 0.27 0.00	53.07 0.26 -0.01
LUTHERFT_115KV_GLOB_FND_222 355753	51.02 2.15 0.00	49.33 2.21 0.00	47.59 2.09 0.00	46.93 2.06 0.00	48.55 2.22 0.00	48.20 2.30 0.00	56.08 2.52 0.00	61.62 2.93 0.00	64.40 2.71 0.00	53.33 2.00 0.00	60.43 2.44 0.00	54.47 2.15 0.00	54.97 2.22 0.00	55.91 2.30 0.00	58.00 2.60 0.00	64.59 2.87 -4.42	72.64 3.33 0.00	79.40 3.71 0.00	71.31 3.53 0.00	67.61 3.26 -0.35	64.32 2.80 -6.64	66.27 2.65 -11.58	56.06 2.77 -0.01	56.07 2.85 -0.42

LUTHERNY_35_KV_BK2 355980	51.07 2.20 0.00	49.38 2.26 0.00	47.59 2.09 0.00	46.97 2.11 0.00	48.60 2.27 0.00	48.20 2.30 0.00	56.13 2.57 0.00	61.68 2.99 0.00	64.40 2.71 0.00	53.39 2.05 0.00	60.43 2.44 0.00	54.47 2.15 0.00	54.97 2.22 0.00	55.96 2.36 0.00	58.00 2.60 0.00	64.65 2.92 -4.42	72.71 3.40 0.00	79.48 3.78 0.00	71.31 3.53 0.00	67.68 3.33 -0.35	64.32 2.80 -6.64	66.27 2.65 -11.58	56.11 2.82 -0.01	56.07 2.85 -0.42
LWR___OSWEGATCHIE_HYD 23850	49.11 0.24 0.00	47.49 0.38 0.00	45.86 0.36 0.00	45.18 0.31 0.00	46.70 0.37 0.00	46.31 0.41 0.00	54.20 0.64 0.00	59.80 1.12 0.00	63.10 1.42 0.00	52.51 1.18 0.00	59.16 1.16 0.00	53.42 1.10 0.00	53.70 0.95 0.00	54.51 0.91 0.00	56.28 0.89 0.00	57.91 0.52 -0.09	69.31 0.00 0.00	75.69 0.00 0.00	67.59 -0.20 0.00	63.76 -0.26 -0.01	54.79 -0.22 -0.13	52.42 0.16 -0.23	53.81 0.53 0.00	53.28 0.48 -0.01
LYONS_FALL_HYD 23570	49.36 0.49 0.00	47.64 0.52 0.00	46.05 0.55 0.00	45.36 0.49 0.00	46.89 0.56 0.00	46.50 0.60 0.00	54.41 0.85 0.00	60.09 1.41 0.00	63.29 1.60 0.00	52.56 1.23 0.00	59.22 1.22 0.00	53.32 0.99 0.00	53.59 0.84 0.00	54.57 0.97 0.00	56.28 0.88 0.00	57.99 0.57 -0.11	69.86 0.55 0.00	76.53 0.83 0.00	68.40 0.61 0.00	64.47 0.45 -0.01	55.38 0.33 -0.17	52.75 0.41 -0.30	53.76 0.48 0.00	53.28 0.47 -0.01
MADISON___COUNTY_LFGE 323628	49.80 0.93 0.00	48.06 0.94 0.00	46.45 0.96 0.00	45.81 0.94 0.00	47.35 1.02 0.00	46.96 1.06 0.00	54.90 1.34 0.00	60.21 1.53 0.00	63.23 1.54 0.00	52.46 1.13 0.00	58.98 0.99 0.00	53.11 0.78 0.00	53.44 0.69 0.00	54.41 0.80 0.00	56.22 0.83 0.00	58.31 0.80 -0.20	70.28 0.97 0.00	76.98 1.29 0.00	68.87 1.08 0.00	64.92 0.90 -0.02	55.90 0.71 -0.30	53.24 0.68 -0.52	53.92 0.64 0.00	53.45 0.63 -0.02
MALONE___115KV_TB1 356076	49.07 0.20 0.00	47.45 0.33 0.00	45.82 0.32 0.00	45.18 0.31 0.00	46.70 0.37 0.00	46.36 0.46 0.00	54.31 0.75 0.00	60.10 1.41 0.00	63.72 2.04 0.00	53.44 2.10 0.00	60.20 2.20 0.00	54.52 2.20 0.00	54.86 2.11 0.00	55.48 1.88 0.00	57.39 1.99 0.00	59.20 1.89 0.00	71.46 2.15 0.00	77.51 1.82 0.00	68.87 1.08 0.00	65.03 1.02 0.00	55.76 0.88 0.00	53.28 1.25 0.00	54.35 1.07 0.00	53.69 0.90 0.00
MAPLEWOD_115KV_TB3 80458	50.68 1.81 0.00	48.96 1.84 0.00	47.23 1.73 0.00	46.57 1.70 0.00	48.09 1.76 0.00	47.69 1.79 0.00	55.33 1.77 0.00	60.62 1.94 0.00	63.54 1.85 0.00	52.82 1.49 0.00	60.14 2.15 0.00	54.26 1.94 0.00	54.76 2.00 0.00	55.58 1.98 0.00	57.55 2.16 0.00	63.95 2.35 -4.30	72.01 2.70 0.00	78.57 2.88 0.00	70.57 2.78 0.00	67.03 2.69 -0.34	63.64 2.31 -6.46	65.43 2.13 -11.26	55.69 2.40 -0.01	55.74 2.53 -0.41
MAPLE_RIDGE_WT_1 323574	47.55 -1.32 0.00	45.85 -1.27 0.00	44.27 -1.23 0.00	43.65 -1.21 0.00	45.17 -1.16 0.00	45.03 -0.87 0.00	52.97 -0.59 0.00	58.51 -0.18 0.00	61.69 0.00 0.00	51.38 0.05 0.00	58.00 0.00 0.00	52.22 -0.10 0.00	52.49 -0.26 0.00	53.23 -0.37 0.00	54.73 -0.66 0.00	56.28 -1.03 0.00	67.65 -1.66 0.00	73.72 -1.97 0.00	65.96 -1.83 0.00	62.34 -1.66 0.00	53.51 -1.37 0.00	50.79 -1.25 0.00	51.95 -1.33 0.00	51.48 -1.32 0.00
MAPLE_RIDGE_WT_2 323611	47.55 -1.32 0.00	45.85 -1.27 0.00	44.27 -1.23 0.00	43.65 -1.21 0.00	45.17 -1.16 0.00	45.03 -0.87 0.00	52.97 -0.59 0.00	58.51 -0.18 0.00	61.69 0.00 0.00	51.38 0.05 0.00	58.00 0.00 0.00	52.22 -0.10 0.00	52.49 -0.26 0.00	53.23 -0.37 0.00	54.73 -0.66 0.00	56.28 -1.03 0.00	67.65 -1.66 0.00	73.72 -1.97 0.00	65.96 -1.83 0.00	62.34 -1.66 0.00	53.51 -1.37 0.00	50.79 -1.25 0.00	51.95 -1.33 0.00	51.48 -1.32 0.00
MARBLE_RIVER_WT_PWR 323696	47.99 -0.88 0.00	46.36 -0.76 0.00	44.77 -0.73 0.00	44.14 -0.72 0.00	45.64 -0.69 0.00	45.26 -0.64 0.00	53.13 -0.43 0.00	58.69 0.00 0.00	62.24 0.55 0.00	52.26 0.92 0.00	59.10 1.10 0.00	53.43 1.10 0.00	53.70 0.95 0.00	54.57 0.97 0.00	56.44 1.05 0.00	58.22 0.91 0.00	70.28 0.97 0.00	76.23 0.53 0.00	67.79 0.00 0.00	63.94 -0.06 0.00	54.77 -0.11 0.00	52.09 0.05 0.00	53.12 -0.16 0.00	52.53 -0.26 0.00
MARSHVLE_115KV_TB1 80742	49.80 0.93 0.00	48.15 1.04 0.00	46.41 0.91 0.00	45.76 0.90 0.00	47.44 1.11 0.00	47.19 1.29 0.00	55.11 1.55 0.00	60.74 2.05 0.00	62.73 1.05 0.00	51.28 -0.05 0.00	57.71 -0.29 0.00	51.96 -0.37 0.00	52.44 -0.32 0.00	53.65 0.05 0.00	56.06 0.66 0.00	63.73 1.38 -5.05	71.25 1.94 0.00	78.11 2.42 0.00	70.09 2.30 0.00	66.45 2.05 -0.39	64.11 1.65 -7.58	66.72 1.46 -13.22	54.78 1.49 -0.01	54.76 1.48 -0.48
MARSH_HILL_WT_PWR 323713	47.16 -1.71 0.00	45.38 -1.74 0.00	43.86 -1.64 0.00	43.83 -1.03 0.00	45.82 -0.51 0.00	45.53 -0.37 0.00	53.19 -0.37 0.00	57.04 -1.64 0.00	59.59 -2.10 0.00	49.28 -2.05 0.00	54.05 -3.95 0.00	48.45 -3.87 0.00	48.48 -4.27 0.00	66.61 -4.82 -17.83	64.66 -5.59 -14.86	84.20 -5.85 -32.74	103.07 -6.59 -40.34	113.03 -6.66 -44.00	101.49 -6.03 -39.73	95.33 -6.21 -37.54	83.89 -5.27 -34.28	76.56 -5.31 -29.83	54.33 -4.58 -5.63	48.17 -4.70 -0.07
MCINTYRE_115KV_TB2 80467	50.24 1.37 0.00	48.58 1.46 0.00	46.96 1.46 0.00	46.21 1.35 0.00	47.77 1.44 0.00	47.37 1.47 0.00	55.38 1.82 0.00	61.03 2.35 0.00	64.21 2.53 0.00	53.49 2.16 0.00	60.20 2.20 0.00	54.42 2.09 0.00	54.76 2.00 0.00	55.48 1.88 0.00	57.44 2.05 0.00	59.26 1.95 0.00	71.53 2.22 0.00	77.96 2.27 0.00	69.48 1.69 0.00	65.61 1.60 0.00	56.31 1.43 0.00	53.86 1.82 0.00	55.15 1.86 0.00	54.59 1.80 0.00
MECO___69_KV_BK1 80468	51.36 2.49 0.00	49.76 2.64 0.00	47.91 2.41 0.00	47.24 2.38 0.00	49.02 2.69 0.00	48.75 2.85 0.00	56.88 3.32 0.00	62.68 3.99 0.00	64.71 3.02 0.00	52.87 1.54 0.00	59.45 1.45 0.00	53.42 1.10 0.00	53.91 1.16 0.00	55.21 1.61 0.00	57.72 2.33 0.00	65.38 3.21 -4.86	73.47 4.16 0.00	80.46 4.77 0.00	72.26 4.47 0.00	68.48 4.10 -0.38	65.59 3.40 -7.30	67.90 3.12 -12.74	56.54 3.25 -0.01	56.53 3.27 -0.46
MENANDS___115KV_TB5 355628	50.53 1.66 0.00	48.81 1.70 0.00	47.14 1.64 0.00	46.48 1.62 0.00	47.95 1.62 0.00	47.55 1.65 0.00	55.11 1.55 0.00	60.39 1.70 0.00	63.29 1.60 0.00	52.62 1.28 0.00	60.03 2.03 0.00	54.16 1.83 0.00	54.65 1.90 0.00	55.42 1.82 0.00	57.39 1.99 0.00	63.71 2.12 -4.28	71.74 2.43 0.00	78.27 2.57 0.00	70.30 2.51 0.00	66.77 2.43 -0.33	63.41 2.09 -6.44	65.24 1.98 -11.22	55.53 2.24 -0.01	55.58 2.38 -0.41
MG INDUSTRY___DRP 24185	50.58 1.71 0.00	48.81 1.70 0.00	47.14 1.64 0.00	46.48 1.62 0.00	48.00 1.67 0.00	47.55 1.65 0.00	55.22 1.66 0.00	60.45 1.76 0.00	63.35 1.67 0.00	52.51 1.18 0.00	59.68 1.68 0.00	53.84 1.52 0.00	54.34 1.58 0.00	55.21 1.61 0.00	57.16 1.77 0.00	63.41 1.89 -4.21	71.60 2.29 0.00	78.11 2.42 0.00	70.16 2.37 0.00	66.57 2.24 -0.33	63.13 1.92 -6.33	64.89 1.82 -11.03	55.37 2.08 -0.01	55.36 2.16 -0.40

MID___OSWEGATCHIE_HYD 23849	49.11 0.24 0.00	47.49 0.38 0.00	45.86 0.36 0.00	45.18 0.31 0.00	46.70 0.37 0.00	46.31 0.41 0.00	54.20 0.64 0.00	59.80 1.12 0.00	63.10 1.42 0.00	52.51 1.18 0.00	59.16 1.16 0.00	53.42 1.10 0.00	53.70 0.95 0.00	54.51 0.91 0.00	56.28 0.89 0.00	57.91 0.52 -0.09	69.31 0.00 0.00	75.69 0.00 0.00	67.59 -0.20 0.00	63.76 -0.26 -0.01	54.79 -0.22 -0.13	52.42 0.16 -0.23	53.81 0.53 0.00	53.28 0.48 -0.01
MID___RAQUETTE_HYD 23851	49.41 0.54 0.00	47.78 0.66 0.00	46.14 0.64 0.00	45.45 0.58 0.00	46.98 0.65 0.00	46.59 0.69 0.00	54.47 0.91 0.00	60.04 1.35 0.00	63.35 1.67 0.00	52.87 1.54 0.00	59.56 1.57 0.00	53.84 1.52 0.00	54.23 1.48 0.00	54.89 1.29 0.00	56.78 1.38 0.00	58.40 1.09 0.00	70.07 0.76 0.00	76.30 0.61 0.00	67.99 0.20 0.00	64.26 0.26 0.00	55.10 0.22 0.00	52.87 0.83 0.00	54.29 1.01 0.00	53.75 0.95 0.00
MILLIKEN___1 23584	49.21 0.34 0.00	47.45 0.33 0.00	45.82 0.32 0.00	45.27 0.40 0.00	46.84 0.51 0.00	46.31 0.41 0.00	54.20 0.64 0.00	59.16 0.47 0.00	62.06 0.37 0.00	51.49 0.15 0.00	57.59 -0.41 0.00	51.86 -0.47 0.00	52.23 -0.53 0.00	54.33 -0.59 -1.32	55.88 -0.61 -1.10	62.53 -0.52 -5.74	71.89 -0.42 -2.99	78.96 0.00 -3.26	70.67 -0.07 -2.95	66.59 -0.26 -2.84	58.12 -0.27 -3.51	60.55 -0.47 -8.99	53.33 -0.37 -0.42	52.44 -0.42 -0.07
MILLIKEN___2 23585	49.21 0.34 0.00	47.45 0.33 0.00	45.82 0.32 0.00	45.27 0.40 0.00	46.84 0.51 0.00	46.31 0.41 0.00	54.20 0.64 0.00	59.16 0.47 0.00	62.06 0.37 0.00	51.49 0.15 0.00	57.59 -0.41 0.00	51.86 -0.47 0.00	52.23 -0.53 0.00	54.33 -0.59 -1.32	55.88 -0.61 -1.10	62.53 -0.52 -5.74	71.89 -0.42 -2.99	78.96 0.00 -3.26	70.67 -0.07 -2.95	66.59 -0.26 -2.84	58.12 -0.27 -3.51	60.55 -0.47 -8.99	53.33 -0.37 -0.42	52.44 -0.42 -0.07
MILLIKEN___DIESEL 23629	49.21 0.34 0.00	47.45 0.33 0.00	45.82 0.32 0.00	45.27 0.40 0.00	46.84 0.51 0.00	46.31 0.41 0.00	54.20 0.64 0.00	59.16 0.47 0.00	62.06 0.37 0.00	51.49 0.15 0.00	57.59 -0.41 0.00	51.86 -0.47 0.00	52.23 -0.53 0.00	54.33 -0.59 -1.32	55.88 -0.61 -1.10	62.53 -0.52 -5.74	71.89 -0.42 -2.99	78.96 0.00 -3.26	70.67 -0.07 -2.95	66.59 -0.26 -2.84	58.12 -0.27 -3.51	60.55 -0.47 -8.99	53.33 -0.37 -0.42	52.44 -0.42 -0.07
MILLSEAT___LFGE 323607	47.55 -1.32 0.00	45.71 -1.41 0.00	44.09 -1.41 0.00	43.88 -0.99 0.00	45.45 -0.88 0.00	44.53 -1.38 0.00	50.99 -2.57 0.00	54.11 -4.58 0.00	56.94 -4.75 0.00	47.28 -4.06 0.00	51.96 -6.03 0.00	46.41 -5.91 0.00	46.42 -6.33 0.00	44.65 -5.73 3.22	46.25 -6.48 2.66	45.04 -6.36 5.90	55.02 -7.00 7.30	60.92 -6.81 7.96	54.23 -6.37 7.18	50.79 -6.46 6.75	44.13 -5.38 5.37	41.36 -5.57 5.11	46.93 -5.33 1.02	47.73 -5.12 -0.05
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.31 2.44 0.00	49.28 2.17 0.00	47.59 2.09 0.00	46.79 1.93 0.00	48.23 1.90 0.00	47.83 1.93 0.00	56.02 2.46 0.00	61.39 2.70 0.00	64.34 2.65 0.00	53.54 2.21 0.00	60.90 2.90 0.00	54.99 2.67 0.00	55.55 2.80 0.00	56.50 2.89 0.00	58.44 3.05 0.00	64.00 3.21 -3.48	73.26 3.95 0.00	79.93 4.24 0.00	71.79 4.00 0.00	68.25 3.97 -0.27	63.40 3.29 -5.23	64.28 3.12 -9.12	56.38 3.09 -0.01	56.03 2.90 -0.33
MILLWOOD_13_KV_LOAD 356217	51.41 2.54 0.00	49.38 2.26 0.00	47.68 2.18 0.00	46.88 2.02 0.00	48.37 2.04 0.00	47.97 2.07 0.00	56.13 2.57 0.00	61.56 2.88 0.00	64.46 2.78 0.00	53.64 2.31 0.00	61.01 3.02 0.00	55.10 2.77 0.00	55.65 2.90 0.00	56.60 3.00 0.00	58.55 3.16 0.00	64.11 3.32 -3.48	73.47 4.16 0.00	80.16 4.47 0.00	71.92 4.14 0.00	68.37 4.10 -0.27	63.51 3.40 -5.23	64.39 3.23 -9.12	56.49 3.20 -0.01	56.14 3.01 -0.33
MODEL_CITY_ENERGY 24167	46.43 -2.44 0.00	44.62 -2.50 0.00	43.09 -2.41 0.00	42.89 -1.97 0.00	44.43 -1.90 0.00	43.42 -2.48 0.00	49.33 -4.23 0.00	51.82 -6.87 0.00	54.53 -7.15 0.00	45.43 -5.90 0.00	49.76 -8.24 0.00	44.53 -7.80 0.00	44.47 -8.28 0.00	42.11 -7.50 3.99	43.80 -8.31 3.28	41.70 -8.31 7.30	50.90 -9.36 9.05	56.35 -9.46 9.87	50.26 -8.61 8.91	47.04 -8.58 8.39	40.80 -7.25 6.83	38.43 -7.13 6.47	45.25 -6.77 1.26	45.93 -6.91 -0.05
MODERN_LFGE___ 323580	46.43 -2.44 0.00	44.62 -2.50 0.00	43.09 -2.41 0.00	42.89 -1.97 0.00	44.43 -1.90 0.00	43.42 -2.48 0.00	49.33 -4.23 0.00	51.82 -6.87 0.00	54.53 -7.15 0.00	45.43 -5.90 0.00	49.76 -8.24 0.00	44.53 -7.80 0.00	44.47 -8.28 0.00	42.11 -7.50 3.99	43.80 -8.31 3.28	41.70 -8.31 7.30	50.90 -9.36 9.05	56.35 -9.46 9.87	50.26 -8.61 8.91	47.04 -8.58 8.39	40.80 -7.25 6.83	38.43 -7.13 6.47	45.25 -6.77 1.26	45.93 -6.91 -0.05
MOHAWK_PAPER___DRP 24187	50.68 1.81 0.00	48.96 1.84 0.00	47.23 1.73 0.00	46.57 1.70 0.00	48.09 1.76 0.00	47.69 1.79 0.00	55.33 1.77 0.00	60.62 1.94 0.00	63.54 1.85 0.00	52.82 1.49 0.00	60.14 2.15 0.00	54.26 1.94 0.00	54.76 2.00 0.00	55.58 1.98 0.00	57.55 2.16 0.00	63.95 2.35 -4.30	72.01 2.70 0.00	78.57 2.88 0.00	70.57 2.78 0.00	67.03 2.69 -0.34	63.64 2.31 -6.46	65.43 2.13 -11.26	55.69 2.40 -0.01	55.74 2.53 -0.41
MOHICAN___35_KV_115KV_LD 80490	50.97 2.10 0.00	49.38 2.26 0.00	47.59 2.09 0.00	46.97 2.11 0.00	48.69 2.36 0.00	48.38 2.48 0.00	56.24 2.68 0.00	61.91 3.23 0.00	64.52 2.84 0.00	53.39 2.05 0.00	60.37 2.38 0.00	54.37 2.04 0.00	54.86 2.11 0.00	55.75 2.14 0.00	57.94 2.55 0.00	64.60 2.87 -4.42	72.71 3.40 0.00	79.48 3.78 0.00	71.38 3.59 0.00	67.68 3.33 -0.35	64.33 2.80 -6.65	66.33 2.71 -11.59	56.11 2.82 -0.01	56.18 2.96 -0.42
MONGAUP___HYD 23641	51.26 2.39 0.00	49.38 2.26 0.00	47.64 2.14 0.00	46.88 2.02 0.00	48.37 2.04 0.00	47.92 2.02 0.00	56.03 2.47 0.00	61.21 2.52 0.00	64.09 2.40 0.00	52.97 1.64 0.00	59.85 1.86 0.00	54.00 1.67 0.00	54.65 1.90 0.00	55.69 2.09 0.00	57.66 2.27 0.00	63.09 2.58 -3.20	72.64 3.33 0.00	79.48 3.78 0.00	71.38 3.59 0.00	67.77 3.52 -0.25	62.65 2.96 -4.81	63.34 2.91 -8.40	56.00 2.72 -0.01	55.64 2.53 -0.31
MONTAUK___DIESEL 23721	67.14 6.35 -11.92	60.81 5.94 -7.75	51.20 5.69 -0.01	50.26 5.38 -0.01	51.90 5.56 -0.01	52.80 5.69 -1.20	66.07 6.91 -5.60	71.86 7.51 -5.66	71.82 7.46 -2.67	57.14 5.80 -0.01	64.85 6.84 -0.01	58.61 6.28 -0.01	59.91 6.49 -0.67	60.26 6.65 -0.01	68.16 6.70 -6.06	72.84 7.16 -8.37	92.38 8.59 -14.47	110.71 8.55 -26.46	105.81 7.80 -30.22	96.73 7.81 -24.92	85.02 6.42 -23.72	76.71 6.09 -18.59	64.25 6.82 -4.15	59.63 6.49 -0.34
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.82 -2.05 0.00	44.86 -2.26 0.00	42.77 -2.73 0.00	43.20 -1.66 0.00	45.26 -1.07 0.00	44.48 -1.42 0.00	52.06 -1.50 0.00	55.11 -3.58 0.00	57.37 -4.32 0.00	47.33 -4.00 0.00	51.91 -6.09 0.00	46.36 -5.97 0.00	44.89 -7.86 0.00	42.68 -7.34 3.58	44.37 -8.03 2.99	42.56 -8.02 6.73	52.06 -9.15 8.10	57.69 -9.16 8.84	51.60 -8.20 7.98	47.94 -8.58 7.48	40.31 -8.67 5.90	37.61 -8.64 5.78	44.37 -7.78 1.13	44.51 -8.34 -0.06

MORRIS_RIDGE___SOLAR 323848	46.57 -2.30 0.00	44.81 -2.31 0.00	43.32 -2.18 0.00	43.29 -1.57 0.00	45.17 -1.16 0.00	44.66 -1.24 0.00	51.79 -1.77 0.00	55.28 -3.41 0.00	57.80 -3.88 0.00	47.79 -3.54 0.00	52.49 -5.51 0.00	47.09 -5.23 0.00	47.11 -5.64 0.00	22.03 -6.00 25.57	27.32 -6.76 21.31	2.00 -6.88 48.43	3.55 -7.90 57.86	4.49 -8.10 63.10	3.48 -7.32 56.99	2.88 -7.42 53.71	1.79 -6.31 46.79	1.38 -6.25 44.41	39.62 -5.59 8.07	47.16 -5.70 -0.07
MORTIMER_115KV_TB3 55949	47.45 -1.42 0.00	45.66 -1.46 0.00	44.13 -1.36 0.00	43.70 -1.17 0.00	45.13 -1.20 0.00	44.16 -1.74 0.00	51.53 -2.04 0.00	55.58 -3.11 0.00	58.54 -3.15 0.00	48.61 -2.72 0.00	53.94 -4.06 0.00	48.45 -3.87 0.00	48.64 -4.11 0.00	49.74 -3.86 0.00	51.02 -4.38 -0.01	53.14 -4.30 -0.13	64.53 -4.78 0.00	71.23 -4.47 0.00	63.45 -4.34 0.00	59.75 -4.29 -0.03	51.92 -3.62 -0.66	48.76 -3.80 -0.53	49.39 -3.89 0.00	49.72 -3.12 -0.04
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.66 2.79 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.10 2.20 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.77 3.08 0.00	53.95 2.62 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.08 3.32 0.00	57.03 3.43 0.00	58.99 3.60 0.00	64.54 3.73 -3.50	73.95 4.64 0.00	80.69 5.00 0.00	72.47 4.68 0.00	68.89 4.61 -0.27	63.98 3.84 -5.26	64.86 3.64 -9.18	56.86 3.57 -0.01	56.51 3.38 -0.33
MUNSVILLE_WIND_PWR 323609	50.87 2.00 0.00	49.19 2.07 0.00	47.64 2.14 0.00	47.06 2.20 0.00	48.83 2.50 0.00	48.66 2.75 0.00	57.25 3.69 0.00	62.97 4.28 0.00	66.13 4.44 0.00	54.72 3.39 0.00	61.07 3.07 0.00	54.68 2.36 0.00	54.76 2.00 0.00	56.51 1.98 -0.93	58.27 2.10 -0.77	63.64 2.18 -4.15	74.46 3.05 -2.10	81.84 3.86 -2.29	72.91 3.05 -2.07	68.67 2.63 -2.04	60.36 2.14 -3.34	60.63 1.61 -6.98	55.12 1.55 -0.30	54.43 1.53 -0.10
N SALMON___HYD 24042	49.07 0.20 0.00	47.45 0.33 0.00	45.82 0.32 0.00	45.18 0.32 0.00	46.70 0.37 0.00	46.36 0.46 0.00	54.53 0.97 0.00	60.09 1.41 0.00	63.72 2.03 0.00	53.44 2.11 0.00	60.20 2.20 0.00	54.52 2.20 0.00	54.60 1.85 0.00	55.48 1.88 0.00	57.38 1.99 0.00	59.20 1.89 0.00	71.46 2.15 0.00	77.51 1.81 0.00	68.87 1.08 0.00	65.03 1.02 0.00	55.76 0.88 0.00	53.28 1.25 0.00	54.35 1.07 0.00	53.69 0.90 0.00
N.AKRON___115KV_KNAPP 355671	47.45 -1.42 0.00	45.47 -1.65 0.00	44.09 -1.41 0.00	43.79 -1.08 0.00	45.26 -1.07 0.00	43.97 -1.93 0.00	50.88 -2.68 0.00	53.93 -4.75 0.00	56.81 -4.87 0.00	47.12 -4.21 0.00	51.67 -6.32 0.00	46.31 -6.02 0.00	46.32 -6.44 0.00	44.30 -5.95 3.35	45.98 -6.65 2.77	44.68 -6.48 6.15	54.51 -7.21 7.59	60.52 -6.89 8.28	53.80 -6.51 7.48	50.32 -6.66 7.03	43.72 -5.54 5.62	41.02 -5.67 5.34	46.84 -5.38 1.06	47.57 -5.28 -0.05
N.E._GEN_SANDY PD 24062	81.80 2.05 -30.88	78.72 1.93 -29.67	69.39 1.91 -21.98	59.00 1.84 -12.30	59.00 1.81 -10.86	69.85 1.74 -22.20	66.70 2.09 -11.05	66.60 2.35 -5.56	64.60 2.28 -0.63	60.28 1.85 -7.10	56.33 2.55 4.21	54.68 2.36 0.00	55.29 2.53 0.00	56.17 2.57 0.00	61.31 2.71 -3.20	74.20 2.86 -14.03	105.20 3.26 -32.63	111.70 3.56 -32.45	108.60 3.32 -37.49	96.00 3.33 -28.67	91.30 2.91 -33.51	84.50 2.76 -29.71	76.60 2.82 -20.50	68.10 2.74 -12.56
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.12 2.25 0.00	49.14 2.03 0.00	47.46 1.96 0.00	46.66 1.79 0.00	48.09 1.76 0.00	47.69 1.79 0.00	55.81 2.25 0.00	61.15 2.46 0.00	64.03 2.34 0.00	53.28 1.95 0.00	60.55 2.55 0.00	54.68 2.35 0.00	55.29 2.53 0.00	56.23 2.63 0.00	58.16 2.77 0.00	63.63 2.92 -3.39	72.85 3.53 0.00	79.48 3.78 0.00	71.45 3.66 0.00	67.85 3.58 -0.27	63.00 3.02 -5.10	63.79 2.86 -8.89	56.11 2.82 -0.01	55.81 2.69 -0.32
N.QUEENS_27_KV_LOAD 356247	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.55 2.22 0.00	48.20 2.30 0.00	56.56 3.00 0.00	62.03 3.35 0.00	65.08 3.39 0.00	54.21 2.87 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.50 3.75 0.00	57.41 3.81 0.00	59.38 3.99 0.00	64.94 4.13 -3.50	74.51 5.20 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.53 5.25 -0.27	64.37 4.23 -5.26	65.17 3.95 -9.18	57.18 3.89 -0.01	56.77 3.64 -0.33
N.TROY___115KV_TB1 355778	50.78 1.91 0.00	49.00 1.88 0.00	47.27 1.77 0.00	46.61 1.75 0.00	48.14 1.81 0.00	47.74 1.84 0.00	55.60 2.04 0.00	60.98 2.29 0.00	63.84 2.16 0.00	53.03 1.69 0.00	60.26 2.26 0.00	54.37 2.04 0.00	54.86 2.11 0.00	55.75 2.14 0.00	57.72 2.33 0.00	64.16 2.52 -4.33	72.22 2.91 0.00	78.87 3.18 0.00	70.84 3.05 0.00	67.29 2.94 -0.34	63.92 2.52 -6.51	65.73 2.34 -11.35	55.79 2.50 -0.01	55.74 2.53 -0.41
NARROWS_GT1_1 24228	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT1_2 24229	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT1_3 24230	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT1_4 24231	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT1_5 24232	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34

NARROWS_GT1_6 24233	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT1_7 24234	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT1_8 24235	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT2_1 24236	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT2_2 24237	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT2_3 24238	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT2_4 24239	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT2_5 24240	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT2_6 24241	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT2_7 24242	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NARROWS_GT2_8 24243	52.25 3.37 -0.01	50.23 3.11 -0.01	48.46 2.96 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	48.57 2.66 -0.01	57.00 3.43 -0.01	62.51 3.81 -0.01	65.46 3.76 -0.01	54.42 3.08 -0.01	61.77 3.77 -0.01	55.79 3.45 -0.01	56.45 3.69 -0.01	57.30 3.70 -0.01	59.28 3.88 -0.01	64.95 4.13 -3.51	74.45 5.13 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.38 4.23 -5.27	65.23 4.01 -9.19	57.24 3.94 -0.02	56.89 3.75 -0.34
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.56 2.69 0.00	49.85 2.73 0.00	48.05 2.55 0.00	47.38 2.51 0.00	49.02 2.69 0.00	48.61 2.71 0.00	56.35 2.79 0.00	61.50 2.82 0.00	64.40 2.71 0.00	52.98 1.64 0.00	59.97 1.97 0.00	54.00 1.67 0.00	54.55 1.79 0.00	55.58 1.98 0.00	57.61 2.22 0.00	63.70 2.29 -4.10	72.71 3.40 0.00	79.48 3.78 0.00	71.45 3.66 0.00	67.78 3.46 -0.32	63.62 2.58 -6.16	65.23 2.45 -10.75	56.27 2.98 -0.01	56.04 2.85 -0.39
NCHELSEA_115KV_TR2 355582	51.51 2.64 0.00	49.57 2.45 0.00	47.82 2.32 0.00	47.06 2.20 0.00	48.55 2.22 0.00	48.15 2.25 0.00	56.35 2.79 0.00	61.62 2.93 0.00	64.65 2.96 0.00	53.59 2.26 0.00	60.72 2.73 0.00	54.79 2.46 0.00	55.39 2.64 0.00	56.50 2.89 0.00	58.44 3.05 0.00	64.09 3.27 -3.51	73.40 4.09 0.00	80.16 4.47 0.00	71.99 4.20 0.00	68.38 4.10 -0.27	63.61 3.46 -5.27	64.56 3.33 -9.20	56.49 3.20 -0.01	56.14 3.01 -0.33
NEG CAPITAL___MECHNVIL 23645	51.22 2.35 0.00	49.47 2.35 0.00	47.73 2.23 0.00	47.06 2.20 0.00	48.65 2.32 0.00	48.29 2.39 0.00	56.24 2.68 0.00	61.79 3.11 0.00	64.59 2.90 0.00	53.54 2.21 0.00	60.61 2.61 0.00	54.68 2.36 0.00	55.18 2.43 0.00	56.12 2.52 0.00	58.22 2.82 0.00	64.79 3.09 -4.39	72.91 3.60 0.00	79.70 4.01 0.00	71.52 3.73 0.00	67.87 3.52 -0.34	64.50 3.02 -6.60	66.35 2.81 -11.51	56.27 2.98 -0.01	56.22 3.01 -0.42
NEG CENTRAL_HIGH_ACRES 23767	46.82 -2.05 0.00	45.09 -2.02 0.00	43.50 -2.00 0.00	43.07 -1.80 0.00	44.52 -1.81 0.00	43.88 -2.02 0.00	50.99 -2.57 0.00	55.17 -3.52 0.00	58.05 -3.64 0.00	48.30 -3.03 0.00	53.71 -4.29 0.00	48.24 -4.08 0.00	48.53 -4.22 0.00	49.53 -4.08 0.00	50.85 -4.54 0.00	52.98 -4.53 -0.20	64.25 -5.06 0.00	70.69 -5.00 0.00	63.11 -4.68 0.00	59.43 -4.61 -0.03	51.63 -3.90 -0.64	48.66 -4.06 -0.69	49.07 -4.21 0.00	49.30 -3.54 -0.04

NEG CENTRAL___DRP 24199	48.33 -0.54 0.00	46.50 -0.61 0.00	44.91 -0.59 0.00	44.46 -0.40 0.00	46.01 -0.32 0.00	45.44 -0.46 0.00	53.19 -0.37 0.00	57.57 -1.12 0.00	60.27 -1.42 0.00	50.25 -1.08 0.00	55.97 -2.03 0.00	50.49 -1.83 0.00	50.80 -1.95 0.00	53.17 -2.14 -1.71	54.38 -2.44 -1.43	58.12 -2.46 -3.28	70.48 -2.70 -3.88	77.42 -2.50 -4.23	69.30 -2.30 -3.82	65.27 -2.37 -3.64	56.68 -2.09 -3.88	53.24 -2.19 -3.40	51.90 -1.92 -0.54	51.10 -1.74 -0.04
NEG CENTRAL___INDECK 23768	48.97 0.10 0.00	47.16 0.05 0.00	45.45 -0.05 0.00	45.27 0.40 0.00	47.03 0.70 0.00	46.45 0.55 0.00	54.10 0.54 0.00	58.39 -0.29 0.00	61.26 -0.43 0.00	50.46 -0.87 0.00	55.56 -2.43 0.00	49.66 -2.67 0.00	49.75 -3.00 0.00	68.96 -2.95 -18.31	65.39 -5.26 -15.26	86.33 -5.21 -34.24	105.05 -5.68 -41.43	115.65 -5.22 -45.18	103.57 -5.02 -40.80	97.42 -5.12 -38.53	85.74 -4.17 -35.04	79.34 -4.42 -31.73	56.45 -2.61 -5.78	50.69 -2.17 -0.06
NEG CENTRAL___SENECA 23627	48.38 -0.49 0.00	46.55 -0.57 0.00	45.00 -0.50 0.00	44.55 -0.31 0.00	46.14 -0.19 0.00	45.53 -0.37 0.00	53.35 -0.21 0.00	57.45 -1.23 0.00	60.02 -1.67 0.00	50.20 -1.13 0.00	55.62 -2.38 0.00	50.13 -2.20 0.00	50.43 -2.32 0.00	53.64 -2.68 -2.72	54.56 -3.10 -2.27	58.92 -3.21 -4.82	72.01 -3.47 -6.16	79.23 -3.18 -6.72	70.88 -2.98 -6.07	66.70 -3.07 -5.77	58.03 -2.69 -5.84	53.72 -2.81 -4.49	51.85 -2.29 -0.86	50.73 -2.11 -0.05
NEG CENTRAL___STATE_STREET 24147	48.48 -0.39 0.00	46.69 -0.42 0.00	45.09 -0.41 0.00	44.59 -0.27 0.00	46.10 -0.23 0.00	45.58 -0.32 0.00	53.29 -0.27 0.00	58.10 -0.59 0.00	61.01 -0.68 0.00	50.67 -0.67 0.00	56.72 -1.28 0.00	51.07 -1.26 0.00	51.49 -1.27 0.00	52.26 -1.34 0.00	53.95 -1.44 0.00	56.68 -1.43 -0.80	67.79 -1.52 0.00	74.48 -1.21 0.00	66.64 -1.15 0.00	62.76 -1.28 -0.03	54.45 -1.10 -0.67	52.63 -1.25 -1.85	52.06 -1.23 0.00	51.73 -1.11 -0.04
NEG MILLWOOD___DRP 24198	51.80 2.93 0.00	49.85 2.73 0.00	48.09 2.59 0.00	47.29 2.42 0.00	48.88 2.55 0.00	48.43 2.52 0.00	56.72 3.16 0.00	62.09 3.40 0.00	65.14 3.45 0.00	54.10 2.77 0.00	61.30 3.31 0.00	55.26 2.93 0.00	55.81 3.06 0.00	56.87 3.27 0.00	58.88 3.49 0.00	64.58 3.73 -3.54	74.02 4.71 0.00	80.84 5.15 0.00	72.53 4.75 0.00	68.89 4.61 -0.28	64.04 3.84 -5.32	65.06 3.75 -9.28	56.91 3.62 -0.01	56.51 3.38 -0.34
NEG NORTH_FLCN_SEA 23793	48.63 -0.24 0.00	46.98 -0.14 0.00	45.36 -0.14 0.00	44.73 -0.13 0.00	46.24 -0.09 0.00	45.90 0.00 0.00	53.77 0.21 0.00	59.51 0.82 0.00	63.17 1.48 0.00	53.08 1.75 0.00	59.91 1.91 0.00	54.21 1.88 0.00	54.60 1.85 0.00	55.26 1.66 0.00	57.16 1.77 0.00	59.03 1.72 0.00	71.25 1.94 0.00	77.21 1.51 0.00	68.67 0.88 0.00	64.77 0.77 0.00	55.54 0.66 0.00	52.87 0.83 0.00	53.87 0.59 0.00	53.22 0.42 0.00
NEG NORTH_KES_CHATEGAY 23792	48.14 -0.73 0.00	46.50 -0.61 0.00	44.86 -0.64 0.00	44.24 -0.63 0.00	45.77 -0.56 0.00	45.40 -0.50 0.00	53.19 -0.37 0.00	58.86 0.18 0.00	62.49 0.80 0.00	52.46 1.13 0.00	59.21 1.22 0.00	53.58 1.26 0.00	54.02 1.27 0.00	54.73 1.13 0.00	56.61 1.22 0.00	58.45 1.15 0.00	70.56 1.25 0.00	76.45 0.76 0.00	67.99 0.20 0.00	64.13 0.13 0.00	54.99 0.11 0.00	52.30 0.26 0.00	53.33 0.05 0.00	52.69 -0.11 0.00
NEG NORTH___ALICE_FALLS 23915	48.82 -0.05 0.00	47.21 0.09 0.00	45.54 0.05 0.00	44.91 0.04 0.00	46.47 0.14 0.00	46.13 0.23 0.00	54.04 0.48 0.00	59.86 1.17 0.00	63.47 1.79 0.00	53.33 2.00 0.00	60.14 2.15 0.00	54.47 2.15 0.00	54.81 2.06 0.00	55.48 1.88 0.00	57.39 1.99 0.00	59.26 1.95 0.00	71.60 2.29 0.00	77.59 1.89 0.00	68.94 1.15 0.00	65.09 1.09 0.00	55.76 0.88 0.00	53.13 1.09 0.00	54.13 0.85 0.00	53.48 0.69 0.00
NEG NORTH___LWR_SARANAC 23913	48.82 -0.05 0.00	47.21 0.09 0.00	45.54 0.05 0.00	44.91 0.04 0.00	46.47 0.14 0.00	46.13 0.23 0.00	54.04 0.48 0.00	59.86 1.17 0.00	63.47 1.79 0.00	53.33 2.00 0.00	60.14 2.15 0.00	54.47 2.15 0.00	54.81 2.06 0.00	55.48 1.88 0.00	57.39 1.99 0.00	59.26 1.95 0.00	71.60 2.29 0.00	77.59 1.89 0.00	68.94 1.15 0.00	65.09 1.09 0.00	55.76 0.88 0.00	53.13 1.09 0.00	54.13 0.85 0.00	53.48 0.69 0.00
NEG NORTH___PLATTSBURG 23628	48.82 -0.05 0.00	47.21 0.09 0.00	45.54 0.05 0.00	44.91 0.04 0.00	46.47 0.14 0.00	46.13 0.23 0.00	54.21 0.65 0.00	59.86 1.17 0.00	63.48 1.79 0.00	53.33 2.00 0.00	60.14 2.15 0.00	54.47 2.15 0.00	54.60 1.85 0.00	55.48 1.88 0.00	57.38 1.99 0.00	59.26 1.95 0.00	71.59 2.28 0.00	77.59 1.89 0.00	68.94 1.15 0.00	65.09 1.09 0.00	55.76 0.88 0.00	53.13 1.09 0.00	54.13 0.85 0.00	53.48 0.68 0.00
NEG WEST_LEA_LOCKPORT 23791	46.62 -2.25 0.00	44.62 -2.50 0.00	43.32 -2.18 0.00	43.07 -1.79 0.00	44.52 -1.81 0.00	43.15 -2.75 0.00	49.81 -3.75 0.00	52.47 -6.22 0.00	55.21 -6.48 0.00	45.89 -5.44 0.00	50.22 -7.77 0.00	45.05 -7.27 0.00	45.00 -7.75 0.00	42.14 -7.34 4.11	43.90 -8.09 3.41	41.67 -8.02 7.61	50.90 -9.08 9.33	56.51 -9.01 10.17	50.26 -8.34 9.19	46.98 -8.38 8.64	40.75 -7.08 7.05	38.38 -6.97 6.68	45.37 -6.61 1.30	46.35 -6.49 -0.05
NEG WEST___LANCASTR 23811	47.50 -1.37 0.00	45.37 -1.74 0.00	44.04 -1.46 0.00	43.88 -0.99 0.00	45.45 -0.88 0.00	44.25 -1.65 0.00	51.53 -2.04 0.00	54.52 -4.17 0.00	57.06 -4.63 0.00	47.33 -4.00 0.00	52.02 -5.97 0.00	46.62 -5.70 0.00	46.53 -6.22 0.00	41.80 -7.72 4.09	43.90 -8.09 3.40	41.48 -8.20 7.63	50.63 -9.43 9.25	55.76 -9.84 10.09	49.86 -8.81 9.11	45.91 -9.54 8.56	39.90 -8.12 6.86	37.68 -7.75 6.60	46.24 -5.75 1.29	45.04 -7.81 -0.06
NEG_PENN_ALLEGHNY 23528	48.72 -0.15 0.00	46.93 -0.19 0.00	45.32 -0.18 0.00	44.82 -0.04 0.00	46.33 0.00 0.00	45.81 -0.09 0.00	53.40 -0.16 0.00	58.04 -0.64 0.00	60.88 -0.80 0.00	50.56 -0.77 0.00	56.66 -1.33 0.00	50.97 -1.36 0.00	51.33 -1.42 0.00	52.05 -1.56 0.00	53.73 -1.66 0.00	56.53 -1.66 -0.89	67.51 -1.80 0.00	74.03 -1.67 0.00	66.30 -1.49 0.00	62.49 -1.60 -0.09	55.11 -1.43 -1.66	53.08 -1.46 -2.50	51.95 -1.33 0.00	51.48 -1.42 -0.11
NEG___GEN_MONROE 24207	47.36 -1.51 0.00	45.52 -1.60 0.00	44.09 -1.41 0.00	43.65 -1.21 0.00	45.13 -1.20 0.00	44.16 -1.74 0.00	51.42 -2.14 0.00	55.17 -3.52 0.00	58.11 -3.58 0.00	48.30 -3.03 0.00	53.47 -4.52 0.00	48.04 -4.29 0.00	48.16 -4.59 0.00	49.26 -4.34 0.00	50.52 -4.87 -0.01	52.63 -4.81 -0.13	63.98 -5.34 0.00	70.70 -5.00 0.00	63.05 -4.75 0.00	59.24 -4.80 -0.03	51.43 -4.12 -0.66	48.30 -4.27 -0.53	49.02 -4.26 0.00	49.30 -3.54 -0.04
NEPA___ENERGY 23901	47.11 -1.76 0.00	45.04 -2.07 0.00	43.63 -1.87 0.00	43.52 -1.35 0.00	45.08 -1.25 0.00	43.93 -1.97 0.00	51.36 -2.20 0.00	54.52 -4.17 0.00	56.94 -4.75 0.00	47.17 -4.16 0.00	51.91 -6.09 0.00	46.47 -5.86 0.00	46.21 -6.54 0.00	42.38 -6.91 4.30	44.32 -7.48 3.59	41.80 -7.45 8.05	51.12 -8.46 9.74	56.60 -8.48 10.62	50.54 -7.66 9.59	47.07 -7.94 9.00	40.62 -7.02 7.23	38.12 -6.97 6.95	45.74 -6.18 1.36	46.26 -6.60 -0.06

NEVERSINK___HYD 23608	51.70 2.83 0.00	49.80 2.68 0.00	48.05 2.55 0.00	47.28 2.42 0.00	48.78 2.45 0.00	48.29 2.39 0.00	56.50 2.94 0.00	61.74 3.05 0.00	64.77 3.08 0.00	53.54 2.21 0.00	60.37 2.38 0.00	54.47 2.15 0.00	55.07 2.32 0.00	56.23 2.63 0.00	58.16 2.77 0.00	63.58 3.09 -3.18	73.26 3.95 0.00	80.16 4.46 0.00	71.99 4.20 0.00	68.29 4.03 -0.25	63.06 3.40 -4.78	63.65 3.28 -8.34	56.38 3.09 -0.01	55.95 2.85 -0.30
NEWKRMKL_115KV_TB1 55635	50.53 1.66 0.00	48.77 1.65 0.00	47.14 1.64 0.00	46.43 1.57 0.00	47.95 1.62 0.00	47.55 1.65 0.00	55.01 1.45 0.00	60.21 1.53 0.00	63.17 1.48 0.00	52.46 1.13 0.00	59.91 1.91 0.00	54.05 1.73 0.00	54.55 1.79 0.00	55.21 1.61 0.00	57.16 1.77 0.00	63.53 1.95 -4.27	71.46 2.15 0.00	77.96 2.27 0.00	70.03 2.24 0.00	66.51 2.18 -0.33	63.16 1.87 -6.42	64.99 1.77 -11.19	55.42 2.13 -0.01	55.58 2.38 -0.41
NEWTON___FALLS_HYD 23847	49.11 0.24 0.00	47.49 0.38 0.00	45.86 0.36 0.00	45.18 0.31 0.00	46.70 0.37 0.00	46.31 0.41 0.00	54.20 0.64 0.00	59.80 1.12 0.00	63.10 1.42 0.00	52.51 1.18 0.00	59.16 1.16 0.00	53.42 1.10 0.00	53.70 0.95 0.00	54.51 0.91 0.00	56.28 0.89 0.00	57.91 0.52 -0.09	69.31 0.00 0.00	75.69 0.00 0.00	67.59 -0.20 0.00	63.76 -0.26 -0.01	54.79 -0.22 -0.13	52.42 0.16 -0.23	53.81 0.53 0.00	53.28 0.48 -0.01
NGRID_A1_DSASP 323792	45.45 -3.42 0.00	43.49 -3.63 0.00	42.22 -3.28 0.00	41.95 -2.92 0.00	43.32 -3.01 0.00	41.91 -3.99 0.00	48.53 -5.03 0.00	51.23 -7.45 0.00	53.91 -7.77 0.00	44.86 -6.47 0.00	49.12 -8.87 0.00	44.06 -8.27 0.00	44.05 -8.70 0.00	41.57 -7.88 4.15	43.28 -8.64 3.47	40.95 -8.60 7.76	50.15 -9.77 9.39	55.69 -9.76 10.24	49.52 -9.02 9.25	46.43 -8.90 8.68	40.19 -7.57 7.12	37.94 -7.39 6.71	44.89 -7.09 1.31	46.35 -6.49 -0.05
NGRID_A2_DSASP 323793	45.45 -3.42 0.00	43.49 -3.63 0.00	42.22 -3.28 0.00	41.95 -2.92 0.00	43.32 -3.01 0.00	41.91 -3.99 0.00	48.53 -5.03 0.00	51.23 -7.45 0.00	53.91 -7.77 0.00	44.86 -6.47 0.00	49.12 -8.87 0.00	44.06 -8.27 0.00	44.05 -8.70 0.00	41.57 -7.88 4.15	43.28 -8.64 3.47	40.95 -8.60 7.76	50.15 -9.77 9.39	55.69 -9.76 10.24	49.52 -9.02 9.25	46.43 -8.90 8.68	40.19 -7.57 7.12	37.94 -7.39 6.71	44.89 -7.09 1.31	46.35 -6.49 -0.05
NGRID_A4_DSASP 323807	45.45 -3.42 0.00	43.49 -3.63 0.00	42.22 -3.28 0.00	41.95 -2.92 0.00	43.32 -3.01 0.00	41.91 -3.99 0.00	48.53 -5.03 0.00	51.23 -7.45 0.00	53.91 -7.77 0.00	44.86 -6.47 0.00	49.12 -8.87 0.00	44.06 -8.27 0.00	44.05 -8.70 0.00	41.57 -7.88 4.15	43.28 -8.64 3.47	40.95 -8.60 7.76	50.15 -9.77 9.39	55.69 -9.76 10.24	49.52 -9.02 9.25	46.43 -8.90 8.68	40.19 -7.57 7.12	37.94 -7.39 6.71	44.89 -7.09 1.31	46.35 -6.49 -0.05
NIAGARA_115E_LBMP 323715	46.33 -2.54 0.00	44.48 -2.64 0.00	42.95 -2.55 0.00	42.76 -2.11 0.00	44.25 -2.08 0.00	43.24 -2.66 0.00	49.06 -4.50 0.00	51.47 -7.22 0.00	54.16 -7.53 0.00	45.12 -6.21 0.00	49.41 -8.58 0.00	44.22 -8.11 0.00	44.16 -8.60 0.00	41.81 -7.72 4.08	43.52 -8.53 3.35	41.32 -8.54 7.44	50.42 -9.63 9.26	55.82 -9.76 10.11	49.79 -8.88 9.12	46.58 -8.83 8.59	40.40 -7.46 7.01	38.06 -7.34 6.64	45.01 -6.98 1.29	45.67 -7.18 -0.05
NIAGARA_115W_LBMP 323714	45.35 -3.52 0.00	43.58 -3.53 0.00	42.09 -3.41 0.00	41.90 -2.96 0.00	43.32 -3.01 0.00	42.32 -3.58 0.00	48.42 -5.14 0.00	51.06 -7.63 0.00	53.79 -7.90 0.00	44.81 -6.52 0.00	49.12 -8.87 0.00	43.95 -8.37 0.00	43.94 -8.81 0.00	41.64 -7.83 4.13	43.29 -8.64 3.46	40.98 -8.60 7.73	50.20 -9.77 9.34	55.51 -9.99 10.19	49.57 -9.02 9.20	46.40 -8.96 8.64	40.22 -7.57 7.08	37.97 -7.39 6.67	44.84 -7.14 1.30	46.35 -6.50 -0.05
NIAGARA_230_LBMP 323716	46.18 -2.69 0.00	44.38 -2.73 0.00	42.81 -2.68 0.00	42.62 -2.24 0.00	44.06 -2.27 0.00	43.06 -2.85 0.00	49.27 -4.29 0.00	52.05 -6.63 0.00	54.78 -6.91 0.00	45.69 -5.65 0.00	50.11 -7.89 0.00	44.84 -7.48 0.00	44.84 -7.91 0.00	41.87 -7.77 3.96	43.54 -8.53 3.33	41.34 -8.54 7.42	50.66 -9.70 8.95	56.09 -9.84 9.76	50.02 -8.95 8.82	46.84 -8.89 8.27	40.59 -7.52 6.78	38.34 -7.34 6.36	45.00 -7.03 1.25	46.40 -6.44 -0.05
NIAGARA___115KV_198_GIBSON 55903	45.35 -3.52 0.00	43.40 -3.72 0.00	42.13 -3.37 0.00	41.81 -3.05 0.00	43.18 -3.15 0.00	41.82 -4.09 0.00	48.42 -5.14 0.00	51.12 -7.57 0.00	53.79 -7.90 0.00	44.76 -6.57 0.00	49.01 -8.99 0.00	43.95 -8.37 0.00	43.94 -8.81 0.00	41.54 -7.93 4.13	43.29 -8.64 3.46	40.99 -8.60 7.73	50.12 -9.84 9.34	55.66 -9.84 10.19	49.57 -9.02 9.20	46.41 -8.96 8.64	40.22 -7.57 7.08	37.97 -7.39 6.67	44.89 -7.09 1.30	46.30 -6.55 -0.05
NIAGARA____ 23760	46.18 -2.69 0.00	44.38 -2.73 0.00	42.81 -2.68 0.00	42.62 -2.24 0.00	44.06 -2.27 0.00	43.06 -2.85 0.00	49.27 -4.29 0.00	52.05 -6.63 0.00	54.78 -6.91 0.00	45.69 -5.65 0.00	50.11 -7.89 0.00	44.84 -7.48 0.00	44.84 -7.91 0.00	41.87 -7.77 3.96	43.54 -8.53 3.33	41.34 -8.54 7.43	50.66 -9.70 8.95	56.09 -9.84 9.76	50.02 -8.95 8.82	46.84 -8.89 8.27	40.59 -7.52 6.78	38.34 -7.34 6.36	45.00 -7.03 1.25	46.41 -6.44 -0.05
NINE_MILE_1 23575	47.01 -1.86 0.00	45.28 -1.84 0.00	43.72 -1.78 0.00	43.16 -1.70 0.00	44.62 -1.71 0.00	44.16 -1.74 0.00	51.42 -2.14 0.00	56.22 -2.46 0.00	59.10 -2.59 0.00	49.13 -2.21 0.00	55.33 -2.67 0.00	49.87 -2.46 0.00	50.27 -2.48 0.00	51.14 -2.46 0.00	52.79 -2.60 0.00	54.83 -2.69 -0.22	66.12 -3.19 0.00	72.36 -3.33 0.00	64.81 -2.98 0.00	61.14 -2.88 -0.02	52.74 -2.47 -0.33	50.16 -2.44 -0.57	50.78 -2.50 0.00	50.44 -2.37 -0.02
NINE_MILE_2 23744	47.01 -1.86 0.00	45.28 -1.84 0.00	43.72 -1.78 0.00	43.16 -1.70 0.00	44.62 -1.71 0.00	44.16 -1.74 0.00	51.42 -2.14 0.00	56.22 -2.46 0.00	59.10 -2.59 0.00	49.13 -2.21 0.00	55.33 -2.67 0.00	49.87 -2.46 0.00	50.27 -2.48 0.00	51.14 -2.46 0.00	52.79 -2.60 0.00	54.83 -2.69 -0.22	66.12 -3.19 0.00	72.36 -3.33 0.00	64.81 -2.98 0.00	61.14 -2.88 -0.02	52.74 -2.47 -0.33	50.21 -2.39 -0.56	50.78 -2.50 0.00	50.44 -2.37 -0.02
NM_CAPITAL___DRP 24208	50.48 1.61 0.00	48.77 1.65 0.00	47.09 1.59 0.00	46.43 1.57 0.00	47.91 1.58 0.00	47.51 1.61 0.00	55.01 1.45 0.00	60.27 1.58 0.00	63.23 1.54 0.00	52.51 1.18 0.00	59.97 1.97 0.00	54.11 1.78 0.00	54.60 1.85 0.00	55.32 1.72 0.00	57.28 1.88 0.00	63.59 2.01 -4.27	71.60 2.29 0.00	78.11 2.42 0.00	70.16 2.37 0.00	66.64 2.30 -0.33	63.28 1.98 -6.42	65.11 1.87 -11.20	55.48 2.18 -0.01	55.53 2.32 -0.41
NM_CENTRAL___DRP 24181	47.94 -0.93 0.00	46.22 -0.90 0.00	44.63 -0.86 0.00	44.06 -0.81 0.00	45.54 -0.79 0.00	45.03 -0.87 0.00	52.49 -1.07 0.00	57.28 -1.41 0.00	60.21 -1.48 0.00	50.00 -1.33 0.00	56.20 -1.80 0.00	50.65 -1.67 0.00	51.07 -1.69 0.00	51.94 -1.66 0.00	53.62 -1.77 0.00	55.78 -1.83 -0.31	67.23 -2.08 0.00	73.65 -2.04 0.00	65.96 -1.83 -0.02	62.17 -1.86 -0.47	53.76 -1.59 -0.81	51.23 -1.61 -0.00	51.63 -1.65 0.00	51.24 -1.58 -0.03

NM_FRONTIER___DRP 24179	45.35 -3.52 0.00	43.40 -3.72 0.00	42.13 -3.37 0.00	41.81 -3.05 0.00	43.18 -3.15 0.00	41.82 -4.09 0.00	48.42 -5.14 0.00	51.12 -7.57 0.00	53.79 -7.90 0.00	44.76 -6.57 0.00	49.01 -8.99 0.00	43.95 -8.37 0.00	43.94 -8.81 0.00	41.54 -7.93 4.13	43.29 -8.64 3.46	40.99 -8.60 7.73	50.12 -9.84 9.34	55.66 -9.84 10.19	49.57 -9.02 9.20	46.41 -8.96 8.64	40.22 -7.57 7.08	37.97 -7.39 6.67	44.89 -7.09 1.30	46.30 -6.55 -0.05
NM_ST_REGIS___HYD 24053	49.31 0.44 0.00	47.73 0.61 0.00	46.05 0.55 0.00	45.40 0.54 0.00	46.93 0.60 0.00	46.54 0.64 0.00	54.47 0.91 0.00	60.10 1.41 0.00	63.47 1.79 0.00	53.08 1.75 0.00	59.79 1.80 0.00	54.11 1.78 0.00	54.44 1.69 0.00	55.10 1.50 0.00	57.00 1.61 0.00	58.63 1.32 0.00	70.49 1.18 0.00	76.68 0.98 0.00	68.26 0.47 0.00	64.52 0.51 0.00	55.32 0.44 0.00	52.97 0.94 0.00	54.35 1.07 0.00	53.75 0.95 0.00
NORTHPORT___1 23551	64.42 3.76 -11.78	58.36 3.58 -7.67	49.01 3.50 -0.01	48.19 3.32 -0.01	49.63 3.29 -0.01	50.40 3.31 -1.19	63.01 3.91 -5.54	68.45 4.17 -5.60	68.46 4.13 -2.64	54.88 3.54 -0.01	62.30 4.29 -0.01	56.31 3.97 -0.01	57.63 4.22 -0.66	57.79 4.18 -0.01	65.87 4.48 -5.99	70.44 4.81 -8.32	89.51 5.89 -14.31	107.91 6.06 -26.16	103.29 5.62 -29.88	94.14 5.51 -24.63	83.11 4.72 -23.50	74.94 4.42 -18.48	62.01 4.63 -4.10	57.47 4.33 -0.34
NORTHPORT___2 23552	64.42 3.76 -11.78	58.36 3.58 -7.67	49.01 3.50 -0.01	48.19 3.32 -0.01	49.63 3.29 -0.01	50.40 3.31 -1.19	63.01 3.91 -5.54	68.45 4.17 -5.60	68.46 4.13 -2.64	54.88 3.54 -0.01	62.30 4.29 -0.01	56.31 3.97 -0.01	57.63 4.22 -0.66	57.79 4.18 -0.01	65.87 4.48 -5.99	70.44 4.81 -8.32	89.51 5.89 -14.31	107.91 6.06 -26.16	103.29 5.62 -29.88	94.14 5.51 -24.63	83.11 4.72 -23.50	74.94 4.42 -18.48	62.01 4.63 -4.10	57.47 4.33 -0.34
NORTHPORT___3 23553	64.39 3.71 -11.81	58.29 3.49 -7.68	48.92 3.41 -0.01	48.10 3.23 -0.01	49.53 3.19 -0.01	50.30 3.21 -1.19	62.97 3.86 -5.55	68.40 4.11 -5.61	68.40 4.07 -2.64	54.83 3.49 -0.01	62.18 4.18 -0.01	56.26 3.93 -0.01	57.58 4.17 -0.66	57.74 4.13 -0.01	65.77 4.37 -6.01	70.33 4.70 -8.33	89.47 5.82 -14.34	107.88 5.98 -26.21	103.29 5.56 -29.94	94.13 5.44 -24.68	83.03 4.61 -23.54	74.91 4.37 -18.50	61.91 4.53 -4.11	57.41 4.27 -0.34
NORTHPORT___4 23650	64.39 3.71 -11.81	58.29 3.49 -7.68	48.92 3.41 -0.01	48.10 3.23 -0.01	49.53 3.19 -0.01	50.30 3.21 -1.19	62.97 3.86 -5.55	68.40 4.11 -5.61	68.40 4.07 -2.64	54.83 3.49 -0.01	62.18 4.18 -0.01	56.26 3.93 -0.01	57.58 4.17 -0.66	57.74 4.13 -0.01	65.77 4.37 -6.01	70.33 4.70 -8.33	89.47 5.82 -14.34	107.88 5.98 -26.21	103.29 5.56 -29.94	94.13 5.44 -24.68	83.03 4.61 -23.54	74.91 4.37 -18.50	61.91 4.53 -4.11	57.41 4.27 -0.34
NORTHPORT___IC 23718	64.41 3.76 -11.78	58.27 3.49 -7.67	48.88 3.37 -0.01	48.06 3.19 -0.01	49.54 3.20 -0.01	50.39 3.30 -1.19	63.06 3.96 -5.54	68.45 4.17 -5.60	68.46 4.13 -2.64	54.93 3.59 -0.01	62.30 4.29 -0.01	56.31 3.98 -0.01	57.53 4.11 -0.66	57.84 4.23 -0.01	65.87 4.49 -5.99	70.38 4.76 -8.32	89.51 5.89 -14.31	107.90 6.06 -26.16	103.29 5.63 -29.88	94.14 5.50 -24.63	83.11 4.72 -23.50	74.94 4.42 -18.48	62.02 4.64 -4.10	57.47 4.33 -0.34
NORTH___COUNTRY_ESR 323785	47.94 -0.93 0.00	46.32 -0.80 0.00	44.73 -0.77 0.00	44.10 -0.76 0.00	45.59 -0.74 0.00	45.26 -0.64 0.00	53.08 -0.48 0.00	58.69 0.00 0.00	62.30 0.62 0.00	52.31 0.97 0.00	59.10 1.10 0.00	53.48 1.15 0.00	53.75 1.00 0.00	54.62 1.02 0.00	56.44 1.05 0.00	58.28 0.97 0.00	70.28 0.97 0.00	76.23 0.53 0.00	67.79 0.00 0.00	63.94 -0.06 0.00	54.77 -0.11 0.00	52.09 0.05 0.00	53.12 -0.16 0.00	52.48 -0.31 0.00
NPX_GEN_1385_PROXY 323591	64.80 4.15 -11.78	59.03 4.24 -7.67	49.92 4.41 -0.01	48.91 4.04 -0.01	50.37 4.03 -0.01	51.31 4.22 -1.19	63.60 4.50 -5.54	68.33 4.05 -5.60	68.33 4.01 -2.64	59.76 4.21 -4.22	58.37 4.58 4.20	56.57 4.24 -0.01	57.89 4.48 -0.66	58.11 4.50 -0.01	66.59 5.21 -5.99	71.47 5.85 -8.32	97.80 7.42 -21.07	109.04 7.19 -26.16	104.58 6.92 -29.88	95.04 6.40 -24.63	84.20 5.81 -23.50	77.10 5.57 -19.49	66.71 5.81 -7.62	58.47 5.33 -0.34
NPX_GEN_CSC 323557	65.72 4.93 -11.92	59.54 4.67 -7.75	50.01 4.51 -0.01	49.14 4.26 -0.01	50.65 4.31 -0.01	51.47 4.36 -1.20	64.42 5.25 -5.60	70.10 5.75 -5.66	70.03 5.67 -2.67	60.02 4.46 -4.22	59.12 5.33 4.20	57.36 5.02 -0.01	58.64 5.22 -0.67	58.81 5.20 -0.01	66.55 5.09 -6.06	71.18 5.50 -8.37	90.23 6.45 -14.47	107.90 5.75 -26.45	103.23 5.22 -30.22	94.55 5.63 -24.91	83.31 4.72 -23.71	75.04 4.42 -18.59	62.75 5.33 -4.15	58.21 5.07 -0.34
NSINS_S_GLNS_FALLS 23858	50.82 1.95 0.00	49.28 2.17 0.00	47.50 2.00 0.00	46.84 1.97 0.00	48.55 2.22 0.00	48.24 2.34 0.00	56.08 2.52 0.00	61.74 3.05 0.00	64.40 2.71 0.00	53.28 1.95 0.00	60.26 2.26 0.00	54.26 1.94 0.00	54.76 2.00 0.00	55.64 2.04 0.00	57.77 2.38 0.00	64.43 2.69 -4.43	72.50 3.19 0.00	79.25 3.56 0.00	71.18 3.39 0.00	67.49 3.14 -0.35	64.17 2.63 -6.65	66.18 2.55 -11.60	55.95 2.66 -0.01	56.02 2.80 -0.42
NUCOR_STEEL___DRP 24197	48.48 -0.39 0.00	46.74 -0.38 0.00	45.14 -0.36 0.00	44.59 -0.27 0.00	46.10 -0.23 0.00	45.58 -0.32 0.00	53.29 -0.27 0.00	58.10 -0.59 0.00	61.01 -0.68 0.00	50.67 -0.67 0.00	56.78 -1.22 0.00	51.12 -1.20 0.00	51.54 -1.21 0.00	52.37 -1.23 0.00	54.06 -1.33 0.00	56.80 -1.32 -0.81	67.92 -1.39 0.00	74.48 -1.21 0.00	66.70 -1.08 0.00	62.82 -1.22 -0.03	54.48 -1.04 -0.64	52.75 -1.14 -1.85	52.11 -1.17 0.00	51.78 -1.06 -0.04
NUMBER_THREE_WT_PWR 323818	49.02 0.15 0.00	47.35 0.24 0.00	45.77 0.27 0.00	45.04 0.18 0.00	46.56 0.23 0.00	46.23 0.32 0.00	54.15 0.59 0.00	59.98 1.29 0.00	63.35 1.67 0.00	52.56 1.23 0.00	59.22 1.22 0.00	53.32 0.99 0.00	53.59 0.84 0.00	54.57 0.97 0.00	56.17 0.78 0.00	57.66 0.23 -0.12	69.31 0.00 0.00	75.92 0.23 0.00	67.86 0.07 0.00	63.95 -0.06 -0.01	54.95 -0.11 -0.18	52.41 0.05 -0.32	53.49 0.21 0.00	52.97 0.16 -0.01
NYISO_LBMP_REFERENCE 24008	48.87 0.00 0.00	47.12 0.00 0.00	45.50 0.00 0.00	44.86 0.00 0.00	46.33 0.00 0.00	45.90 0.00 0.00	53.56 0.00 0.00	58.69 0.00 0.00	61.69 0.00 0.00	51.33 0.00 0.00	58.00 0.00 0.00	52.33 0.00 0.00	52.75 0.00 0.00	53.60 0.00 0.00	55.39 0.00 0.00	57.31 0.00 0.00	69.31 0.00 0.00	75.69 0.00 0.00	67.79 0.00 0.00	64.00 0.00 0.00	54.88 0.00 0.00	52.03 0.00 0.00	53.28 0.00 0.00	52.80 0.00 0.00
NYPA_BRENTWD____GT 24164	65.40 4.45 -12.09	59.17 4.19 -7.86	49.56 4.05 -0.01	48.68 3.81 -0.01	50.18 3.84 -0.01	50.98 3.86 -1.22	63.85 4.61 -5.68	69.41 4.99 -5.74	69.39 4.99 -2.71	55.45 4.11 -0.01	62.93 4.93 -0.01	56.89 4.55 -0.01	58.23 4.80 -0.68	58.44 4.83 -0.01	66.58 5.04 -6.15	71.20 5.45 -8.44	90.64 6.65 -14.68	109.49 6.96 -26.83	104.88 6.44 -30.65	95.55 6.28 -25.26	84.13 5.27 -23.98	75.75 5.00 -18.72	62.71 5.22 -4.21	58.05 4.91 -0.34

NYPA_GOWANUS____GT5 24156	52.25	50.23	48.46	47.65	49.07	48.57	57.00	62.51	65.46	54.42	61.77	55.79	56.45	57.30	59.28	64.95	74.45	81.30	73.02	69.41	64.38	65.23	57.24	56.89
	3.37	3.11	2.96	2.78	2.73	2.66	3.43	3.81	3.76	3.08	3.77	3.45	3.69	3.70	3.88	4.13	5.13	5.60	5.22	5.12	4.23	4.01	3.94	3.75
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYPA_GOWANUS____GT6 24157	52.25	50.23	48.46	47.65	49.07	48.57	57.00	62.51	65.46	54.42	61.77	55.79	56.45	57.30	59.28	64.95	74.45	81.30	73.02	69.41	64.38	65.23	57.24	56.89
	3.37	3.11	2.96	2.78	2.73	2.66	3.43	3.81	3.76	3.08	3.77	3.45	3.69	3.70	3.88	4.13	5.13	5.60	5.22	5.12	4.23	4.01	3.94	3.75
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYPA_HARLEM__RVR__GT1 24160	51.71	49.72	47.96	47.20	48.61	48.11	56.46	61.92	64.96	54.11	61.72	55.79	56.45	57.26	59.28	64.89	74.31	81.08	72.81	69.34	64.27	65.07	57.08	56.68
	2.83	2.59	2.46	2.33	2.27	2.20	2.89	3.23	3.27	2.77	3.72	3.45	3.69	3.65	3.88	4.07	4.99	5.37	5.02	5.06	4.12	3.85	3.78	3.54
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYPA_HARLEM__RVR__GT2 24161	51.71	49.72	47.96	47.20	48.61	48.11	56.46	61.92	64.96	54.11	61.72	55.79	56.45	57.26	59.28	64.89	74.31	81.08	72.81	69.34	64.27	65.07	57.08	56.68
	2.83	2.59	2.46	2.33	2.27	2.20	2.89	3.23	3.27	2.77	3.72	3.45	3.69	3.65	3.88	4.07	4.99	5.37	5.02	5.06	4.12	3.85	3.78	3.54
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYPA_KENT____GT 24152	52.15	50.10	48.38	47.56	48.98	48.48	56.84	62.39	65.33	54.37	61.83	55.84	56.51	57.36	59.33	65.00	74.45	81.30	73.02	69.41	64.38	65.23	57.24	56.89
	3.27	2.97	2.87	2.69	2.64	2.57	3.27	3.70	3.64	3.03	3.83	3.51	3.75	3.75	3.93	4.18	5.13	5.60	5.22	5.12	4.23	4.01	3.94	3.75
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYPA_POUCH1____GT 24155	52.40	50.37	48.60	48.01	49.40	48.85	57.32	62.92	65.89	54.58	61.77	55.73	56.35	57.26	59.28	65.00	74.52	81.38	73.09	69.47	64.48	65.28	57.34	56.99
	3.52	3.25	3.10	3.14	3.06	2.94	3.75	4.23	4.20	3.24	3.77	3.40	3.59	3.65	3.88	4.18	5.20	5.68	5.29	5.18	4.33	4.06	4.05	3.85
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYPA_VERNON____GT2 24162	52.05	50.00	48.28	47.47	48.88	48.39	56.73	62.28	65.21	54.32	61.83	55.89	56.56	57.42	59.39	65.00	74.52	81.22	73.02	69.41	64.38	65.23	57.24	56.89
	3.17	2.87	2.78	2.60	2.55	2.48	3.16	3.58	3.51	2.98	3.83	3.56	3.80	3.81	3.99	4.18	5.20	5.52	5.22	5.12	4.23	4.01	3.94	3.75
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYPA_VERNON____GT3 24163	52.05	50.00	48.28	47.47	48.88	48.39	56.73	62.28	65.21	54.32	61.83	55.89	56.56	57.42	59.39	65.00	74.52	81.22	73.02	69.41	64.38	65.23	57.24	56.89
	3.17	2.87	2.78	2.60	2.55	2.48	3.16	3.58	3.51	2.98	3.83	3.56	3.80	3.81	3.99	4.18	5.20	5.52	5.22	5.12	4.23	4.01	3.94	3.75
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYPA____ASTORIA_CC1 323568	52.01	50.00	48.24	47.43	48.88	48.39	56.73	62.22	65.15	54.26	61.89	55.89	56.56	57.42	59.39	65.00	74.45	81.22	73.02	69.41	64.38	65.23	57.29	56.89
	3.13	2.87	2.73	2.56	2.55	2.48	3.16	3.52	3.45	2.92	3.89	3.56	3.80	3.81	3.99	4.18	5.13	5.52	5.22	5.12	4.23	4.01	4.00	3.75
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYPA____ASTORIA_CC2 323569	52.01	50.00	48.24	47.43	48.88	48.39	56.73	62.22	65.15	54.26	61.89	55.89	56.56	57.42	59.39	65.00	74.45	81.22	73.02	69.41	64.38	65.23	57.29	56.89
	3.13	2.87	2.73	2.56	2.55	2.48	3.16	3.52	3.45	2.92	3.89	3.56	3.80	3.81	3.99	4.18	5.13	5.52	5.22	5.12	4.23	4.01	4.00	3.75
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYPA____HOLTSVILL 23794	65.02	58.86	49.37	48.55	50.00	50.78	63.60	69.15	69.17	55.24	62.70	56.73	58.01	58.22	66.21	70.77	90.00	108.39	103.73	94.71	83.45	75.19	62.38	57.84
	4.25	4.00	3.87	3.68	3.66	3.67	4.44	4.81	4.81	3.90	4.70	4.40	4.59	4.61	4.76	5.10	6.24	6.28	5.76	5.82	4.88	4.58	4.96	4.70
	-11.90	-7.74	-0.01	-0.01	-0.01	-1.20	-5.60	-5.65	-2.67	-0.01	-0.01	-0.01	-0.67	-0.01	-6.05	-8.36	-14.45	-26.42	-30.18	-24.88	-23.69	-18.57	-4.14	-0.34
NYPA____HELLGATE_GT1 24158	51.71	49.72	47.96	47.20	48.61	48.11	56.46	61.92	64.96	54.11	61.72	55.79	56.45	57.26	59.28	64.89	74.31	81.08	72.81	69.34	64.27	65.07	57.08	56.68
	2.83	2.59	2.46	2.33	2.27	2.20	2.89	3.23	3.27	2.77	3.72	3.45	3.69	3.65	3.88	4.07	4.99	5.37	5.02	5.06	4.12	3.85	3.78	3.54
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYPA____HELLGATE_GT2 24159	51.71	49.72	47.96	47.20	48.61	48.11	56.46	61.92	64.96	54.11	61.72	55.79	56.45	57.26	59.28	64.89	74.31	81.08	72.81	69.34	64.27	65.07	57.08	56.68
	2.83	2.59	2.46	2.33	2.27	2.20	2.89	3.23	3.27	2.77	3.72	3.45	3.69	3.65	3.88	4.07	4.99	5.37	5.02	5.06	4.12	3.85	3.78	3.54
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.51	-0.01	-0.01	-0.01	-0.28	-5.27	-9.19	-0.02	-0.34
NYS_BARGE____HYD 23848	46.72	44.90	43.36	43.20	44.71	43.74	49.81	52.53	55.21	45.94	50.40	45.05	45.00	42.62	44.28	42.40	51.82	57.36	51.17	47.83	41.55	39.09	45.63	46.40
	-2.15	-2.21	-2.14	-1.66	-1.62	-2.16	-3.75	-6.16	-6.48	-5.39	-7.60	-7.27	-7.75	-7.18	-7.98	-7.91	-8.87	-8.93	-8.14	-8.19	-6.86	-6.81	-6.45	-6.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.80	3.14	7.00	8.62	9.40	8.49	7.98	6.47	6.13	1.20	-0.05
OAK ORCHARD____HYD 24046	47.50	45.75	44.09	43.70	45.22	44.48	51.53	55.57	58.54	48.66	54.00	48.45	48.64	49.74	51.02	53.14	64.53	71.15	63.45	59.75	51.92	48.77	49.39	49.72
	-1.37	-1.37	-1.41	-1.17	-1.11	-1.42	-2.04	-3.11	-3.14	-2.67	-4.00	-3.87	-4.11	-3.86	-4.38	-4.30	-4.78	-4.54	-4.34	-4.29	-3.62	-3.80	-3.89	-3.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.13	0.00	0.00	0.00	-0.03	-0.66	-0.53	0.00	-0.04

OAKDALE___35_KV_LOAD 356122	48.63 -0.24 0.00	46.74 -0.38 0.00	45.18 -0.32 0.00	44.64 -0.22 0.00	46.14 -0.19 0.00	45.53 -0.37 0.00	53.24 -0.32 0.00	57.87 -0.82 0.00	60.70 -0.99 0.00	50.41 -0.92 0.00	56.49 -1.51 0.00	50.86 -1.47 0.00	51.22 -1.53 0.00	51.94 -1.66 0.00	53.62 -1.77 0.00	56.38 -1.78 -0.85	67.37 -1.94 0.00	73.88 -1.82 0.00	66.16 -1.63 0.00	62.30 -1.79 -0.09	54.99 -1.54 -1.65	52.88 -1.56 -2.41	51.90 -1.39 0.00	51.37 -1.53 -0.11
OCC_CHEM___DRP 24175	45.45 -3.42 0.00	43.49 -3.63 0.00	42.22 -3.28 0.00	41.95 -2.92 0.00	43.32 -3.01 0.00	41.91 -3.99 0.00	48.53 -5.03 0.00	51.23 -7.45 0.00	53.91 -7.77 0.00	44.86 -6.47 0.00	49.12 -8.87 0.00	44.06 -8.27 0.00	44.05 -8.70 4.15	41.57 -7.88 3.47	43.28 -8.64 7.76	40.95 -8.60 9.39	50.15 -9.77 10.24	55.69 -9.76 9.25	49.52 -9.02 8.68	46.43 -8.90 7.12	40.19 -7.57 6.71	37.94 -7.39 6.71	44.89 -7.09 1.31	46.35 -6.49 -0.05
OH_GEN_PROXY 24063	46.18 -2.69 0.00	44.38 -2.73 0.00	42.86 -2.64 0.00	42.62 -2.24 0.00	44.06 -2.27 0.00	43.10 -2.80 0.00	49.33 -4.23 0.00	52.23 -6.46 0.00	54.90 -6.79 0.00	50.00 -5.54 -4.21	46.07 -7.71 4.21	45.00 -7.33 0.00	45.00 -7.75 0.00	42.40 -7.61 3.59	44.01 -8.37 3.02	42.22 -8.37 6.71	51.70 -9.49 8.12	57.15 -9.69 8.85	51.05 -8.74 8.00	47.80 -8.70 7.50	41.38 -7.41 6.09	39.10 -7.23 5.70	45.22 -6.93 1.13	46.51 -6.34 -0.05
OLIN_CORP_DRP 24177	46.28 -2.59 0.00	44.29 -2.83 0.00	43.00 -2.50 0.00	42.71 -2.15 0.00	44.15 -2.18 0.00	42.73 -3.17 0.00	49.11 -4.45 0.00	51.59 -7.10 0.00	54.28 -7.40 0.00	45.12 -6.21 0.00	49.41 -8.58 0.00	44.32 -8.01 0.00	44.31 -8.44 0.00	41.67 -7.77 4.16	43.44 -8.53 3.42	41.20 -8.48 7.62	50.24 -9.63 9.43	55.79 -9.61 10.29	49.69 -8.81 9.29	46.43 -8.83 8.74	40.27 -7.46 7.15	37.93 -7.34 6.77	45.04 -6.93 1.32	45.77 -7.07 -0.05
OLIN_CORP_DSASP 323712	45.45 -3.42 0.00	43.49 -3.63 0.00	42.22 -3.28 0.00	41.95 -2.92 0.00	43.32 -3.01 0.00	41.91 -3.99 0.00	48.53 -5.03 0.00	51.23 -7.45 0.00	53.91 -7.77 0.00	44.86 -6.47 0.00	49.12 -8.87 0.00	44.06 -8.27 0.00	44.05 -8.70 4.15	41.57 -7.88 3.47	43.28 -8.64 7.76	40.95 -8.60 9.39	50.15 -9.77 10.24	55.69 -9.76 9.25	49.52 -9.02 8.68	46.43 -8.90 7.12	40.19 -7.57 6.71	37.94 -7.39 6.71	44.89 -7.09 1.31	46.35 -6.49 -0.05
ONEIDA_HERK_LFGE 323681	49.55 0.68 0.00	47.83 0.71 0.00	46.23 0.73 0.00	45.54 0.67 0.00	47.07 0.74 0.00	46.68 0.78 0.00	54.58 1.02 0.00	60.15 1.47 0.00	63.29 1.60 0.00	52.56 1.23 0.00	59.27 1.27 0.00	53.37 1.05 0.00	53.65 0.90 0.00	54.62 1.02 0.00	56.39 1.00 0.00	58.21 0.80 -0.10	70.15 0.83 0.00	76.83 1.14 0.00	68.67 0.77 0.00	64.78 0.77 -0.01	55.64 0.60 -0.16	52.93 0.63 -0.27	53.92 0.64 0.00	53.44 0.64 -0.01
ONEIDA___115KV_TB4 55905	49.80 0.93 0.00	48.06 0.94 0.00	46.45 0.96 0.00	45.81 0.94 0.00	47.35 1.02 0.00	46.96 1.06 0.00	54.90 1.34 0.00	60.21 1.53 0.00	63.23 1.54 0.00	52.46 1.13 0.00	58.98 0.99 0.00	53.11 0.78 0.00	53.44 0.69 0.00	54.41 0.80 0.00	56.22 0.83 0.00	58.31 0.80 -0.20	70.28 0.97 0.00	76.98 1.29 0.00	68.87 1.08 0.00	64.92 0.90 -0.02	55.90 0.71 -0.30	53.24 0.68 -0.52	53.92 0.64 0.00	53.45 0.63 -0.02
ONONDAGA_REF_OCCRA 23987	48.19 -0.68 0.00	46.46 -0.66 0.00	44.86 -0.64 0.00	44.28 -0.58 0.00	45.77 -0.56 0.00	45.26 -0.64 0.00	52.81 -0.75 0.00	57.69 -1.00 0.00	60.58 -1.11 0.00	50.31 -1.03 0.00	56.55 -1.45 0.00	50.97 -1.36 0.00	51.38 -1.37 0.00	52.21 -1.39 0.00	53.90 -1.50 0.00	56.46 -1.49 -0.64	67.65 -1.66 0.00	74.10 -1.59 0.00	66.37 -1.42 0.00	62.56 -1.47 -0.03	54.20 -1.26 -0.58	52.22 -1.30 -1.49	51.95 -1.33 0.00	51.57 -1.27 -0.04
ONONDAGA___COGEN 23986	48.19 -0.68 0.00	46.46 -0.66 0.00	44.86 -0.64 0.00	44.28 -0.58 0.00	45.77 -0.56 0.00	45.26 -0.64 0.00	52.86 -0.70 0.00	57.69 -1.00 0.00	60.64 -1.05 0.00	50.36 -0.98 0.00	56.60 -1.39 0.00	51.02 -1.31 0.00	51.43 -1.32 0.00	52.26 -1.34 0.00	53.95 -1.44 0.00	56.23 -1.43 -0.36	67.65 -1.66 0.00	74.18 -1.51 0.00	66.43 -1.36 0.00	62.62 -1.41 -0.03	54.15 -1.26 -0.54	51.67 -1.30 -0.93	51.95 -1.33 0.00	51.62 -1.21 -0.03
ONTARIO___LFGE 23819	48.38 -0.49 0.00	46.65 -0.47 0.00	44.96 -0.54 0.00	44.60 -0.27 0.00	46.24 -0.09 0.00	45.72 -0.18 0.00	53.35 -0.21 0.00	57.45 -1.24 0.00	60.02 -1.66 0.00	50.20 -1.13 0.00	55.62 -2.38 0.00	50.13 -2.20 0.00	50.49 -2.27 0.00	53.65 -2.68 0.00	54.56 -3.10 -2.27	58.92 -3.21 -4.82	72.01 -3.46 -6.16	79.24 -3.18 -6.72	70.88 -2.98 -6.07	66.70 -3.07 -5.77	58.03 -2.69 -5.84	53.71 -2.81 -4.49	51.85 -2.29 -0.86	50.79 -2.06 -0.05
ORANGEVILLE_WT_PWR 323706	46.13 -2.74 0.00	44.34 -2.78 0.00	42.91 -2.59 0.00	42.98 -1.88 0.00	44.89 -1.44 0.00	44.25 -1.65 0.00	51.10 -2.46 0.00	54.28 -4.40 0.00	56.87 -4.81 0.00	47.07 -4.26 0.00	51.56 -6.44 0.00	46.15 -6.18 0.00	46.05 -6.70 0.00	29.01 -6.97 17.63	32.94 -7.76 14.70	16.12 -7.85 33.34	20.41 -9.01 39.89	22.80 -9.39 43.50	20.03 -8.48 39.29	18.42 -8.58 37.01	15.57 -7.25 32.06	14.47 -7.13 30.44	41.22 -6.50 5.56	46.31 -6.55 -0.06
ORANGEVILLE___ESR 323794	46.13 -2.74 0.00	44.34 -2.78 0.00	42.91 -2.59 0.00	42.98 -1.88 0.00	44.89 -1.44 0.00	44.25 -1.65 0.00	51.10 -2.46 0.00	54.28 -4.40 0.00	56.87 -4.81 0.00	47.07 -4.26 0.00	51.56 -6.44 0.00	46.15 -6.18 0.00	46.05 -6.70 0.00	29.01 -6.97 17.63	32.94 -7.76 14.70	16.12 -7.85 33.34	20.41 -9.01 39.89	22.80 -9.39 43.50	20.03 -8.48 39.29	18.42 -8.58 37.01	15.57 -7.25 32.06	14.47 -7.13 30.44	41.22 -6.50 5.56	46.31 -6.55 -0.06
OSWEGATCHIE___HYD 24044	49.12 0.25 0.00	47.49 0.38 0.00	45.86 0.36 0.00	45.18 0.32 0.00	46.70 0.37 0.00	46.31 0.41 0.00	54.25 0.69 0.00	59.80 1.11 0.00	63.11 1.42 0.00	52.51 1.18 0.00	59.16 1.16 0.00	53.43 1.10 0.00	53.59 0.84 0.00	54.51 0.91 0.00	56.28 0.88 0.00	57.91 0.51 -0.09	69.31 0.00 0.00	75.69 0.00 0.00	67.59 -0.20 0.00	63.76 -0.25 -0.01	54.80 -0.22 -0.13	52.42 0.16 -0.23	53.81 0.53 0.00	53.28 0.47 -0.01
OSWEGO___5 23606	47.41 -1.46 0.00	45.66 -1.46 0.00	44.09 -1.41 0.00	43.52 -1.34 0.00	44.98 -1.35 0.00	44.53 -1.38 0.00	51.90 -1.66 0.00	56.69 -2.00 0.00	59.52 -2.16 0.00	49.53 -1.80 0.00	55.73 -2.26 0.00	50.23 -2.09 0.00	50.64 -2.11 0.00	51.51 -2.09 0.00	53.17 -2.22 0.00	55.26 -2.29 -0.25	66.61 -2.70 0.00	72.89 -2.80 0.00	65.28 -2.51 0.00	61.59 -2.43 -0.02	53.17 -2.09 -0.38	50.61 -2.08 -0.66	51.15 -2.13 0.00	50.81 -2.01 -0.02
OSWEGO___6 23613	47.41 -1.46 0.00	45.66 -1.46 0.00	44.09 -1.41 0.00	43.52 -1.34 0.00	44.98 -1.35 0.00	44.53 -1.38 0.00	51.90 -1.66 0.00	56.69 -2.00 0.00	59.52 -2.16 0.00	49.53 -1.80 0.00	55.73 -2.26 0.00	50.23 -2.09 0.00	50.64 -2.11 0.00	51.51 -2.09 0.00	53.17 -2.22 0.00	55.26 -2.29 -0.25	66.61 -2.70 0.00	72.89 -2.80 0.00	65.28 -2.51 0.00	61.59 -2.43 -0.02	53.17 -2.09 -0.38	50.61 -2.08 -0.66	51.15 -2.13 0.00	50.81 -2.01 -0.02

OUTOKUMPU-AB___DRP 24206	46.57 -2.30 0.00	44.57 -2.54 0.00	43.27 -2.23 0.00	43.02 -1.84 0.00	44.52 -1.81 0.00	43.15 -2.75 0.00	49.97 -3.59 0.00	52.76 -5.93 0.00	55.46 -6.23 0.00	46.10 -5.24 0.00	50.46 -7.54 0.00	45.21 -7.12 0.00	45.16 -7.60 0.00	41.99 -7.24 4.37	43.83 -7.92 3.64	41.31 -7.85 8.15	50.46 -8.94 9.91	56.03 -8.86 10.80	49.90 -8.13 9.76	46.64 -8.19 9.17	40.45 -6.92 7.51	38.04 -6.87 7.12	45.51 -6.39 1.38	46.57 -6.28 -0.05
OXBOW___BTM 323836	46.09 -2.78 0.00	44.29 -2.83 0.00	42.77 -2.73 0.00	42.62 -2.24 0.00	44.11 -2.22 0.00	43.10 -2.80 0.00	49.33 -4.23 0.00	52.05 -6.63 0.00	54.78 -6.91 0.00	45.58 -5.75 0.00	49.99 -8.00 0.00	44.74 -7.59 0.00	44.68 -8.07 0.00	41.94 -7.40 4.26	43.64 -8.20 3.56	41.15 -8.20 7.96	50.37 -9.29 9.65	55.78 -9.39 10.53	49.81 -8.48 9.51	46.56 -8.51 8.93	40.43 -7.13 7.32	38.04 -7.08 6.92	45.22 -6.71 1.35	46.56 -6.28 -0.05
OXBOW___ 24026	46.08 -2.79 0.00	44.10 -3.02 0.00	42.81 -2.68 0.00	42.53 -2.33 0.00	43.97 -2.36 0.00	42.60 -3.30 0.00	49.33 -4.23 0.00	52.06 -6.63 0.00	54.78 -6.91 0.00	45.53 -5.80 0.00	49.88 -8.12 0.00	44.74 -7.59 0.00	44.68 -8.07 0.00	41.83 -7.50 4.26	43.64 -8.20 3.56	41.21 -8.14 7.96	50.37 -9.29 9.65	55.93 -9.23 10.53	49.81 -8.47 9.51	46.56 -8.51 8.93	40.37 -7.19 7.32	38.04 -7.08 6.92	45.28 -6.66 1.35	46.51 -6.34 -0.05
OXY_CHEM_DSASP 323612	45.45 -3.42 0.00	43.49 -3.63 0.00	42.22 -3.28 0.00	41.95 -2.92 0.00	43.32 -3.01 0.00	41.91 -3.99 0.00	48.53 -5.03 0.00	51.23 -7.45 0.00	53.91 -7.77 0.00	44.86 -6.47 0.00	49.12 -8.87 0.00	44.06 -8.27 0.00	44.05 -8.70 0.00	41.57 -7.88 4.15	43.28 -8.64 3.47	40.95 -8.60 7.76	50.15 -9.77 9.39	55.69 -9.76 10.24	49.52 -9.02 9.25	46.43 -8.90 8.68	40.19 -7.57 7.12	37.94 -7.39 6.71	44.89 -7.09 1.31	46.35 -6.49 -0.05
OZONE_PARK_ESR 323760	52.10 3.23 0.00	49.94 2.83 0.00	48.27 2.78 0.00	47.33 2.47 0.00	48.83 2.50 0.00	48.43 2.52 0.00	56.88 3.32 0.00	62.38 3.70 0.00	65.33 3.64 0.00	54.41 3.08 0.00	62.00 4.00 0.00	55.94 3.61 0.00	56.55 3.80 0.00	57.51 3.91 0.00	59.49 4.10 0.00	65.05 4.24 -3.50	74.72 5.41 0.00	81.45 5.75 0.00	73.21 5.42 0.00	69.59 5.31 -0.27	64.53 4.39 -5.26	65.32 4.11 -9.18	57.39 4.10 -0.01	56.98 3.85 -0.33
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	45.45 -3.42 0.00	43.49 -3.63 0.00	42.22 -3.28 0.00	41.95 -2.92 0.00	43.32 -3.01 0.00	41.91 -3.99 0.00	48.53 -5.03 0.00	51.23 -7.45 0.00	53.91 -7.77 0.00	44.86 -6.47 0.00	49.12 -8.87 0.00	44.06 -8.27 0.00	44.05 -8.70 0.00	41.57 -7.88 4.15	43.28 -8.64 3.47	40.95 -8.60 7.76	50.15 -9.77 9.39	55.69 -9.76 10.24	49.52 -9.02 9.25	46.43 -8.90 8.68	40.19 -7.57 7.12	37.94 -7.39 6.71	44.89 -7.09 1.31	46.35 -6.49 -0.05
PACKARD___115KV_DUPONT_184 80571	45.50 -3.37 0.00	43.72 -3.39 0.00	42.18 -3.32 0.00	41.99 -2.87 0.00	43.41 -2.92 0.00	42.41 -3.49 0.00	48.52 -5.04 0.00	51.23 -7.45 0.00	53.91 -7.77 0.00	44.91 -6.42 0.00	49.24 -8.76 0.00	44.06 -8.27 0.00	44.05 -8.70 0.00	41.62 -7.83 4.15	43.28 -8.64 3.47	40.95 -8.60 7.76	50.15 -9.77 9.39	55.46 -9.99 10.24	49.52 -9.02 9.25	46.42 -8.89 8.69	40.19 -7.57 7.12	37.94 -7.39 6.71	44.89 -7.09 1.31	46.35 -6.50 -0.05
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.80 2.93 0.00	49.66 2.54 0.00	47.96 2.46 0.00	47.11 2.24 0.00	48.55 2.22 0.00	48.20 2.30 0.00	56.51 2.95 0.00	61.97 3.29 0.00	64.89 3.21 0.00	54.05 2.72 0.00	61.65 3.65 0.00	55.67 3.35 0.00	56.24 3.48 0.00	57.19 3.59 0.00	59.16 3.77 0.00	64.71 3.90 -3.50	74.16 4.85 0.00	80.92 5.22 0.00	72.74 4.95 0.00	69.08 4.80 -0.27	64.15 4.01 -5.26	65.01 3.80 -9.18	57.02 3.73 -0.01	56.67 3.54 -0.33
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.19 3.32 0.00	50.09 2.97 0.00	48.32 2.82 0.00	47.47 2.60 0.00	48.97 2.64 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.44 3.76 0.00	65.39 3.70 0.00	54.46 3.13 0.00	62.06 4.06 0.00	56.04 3.72 0.00	56.66 3.90 0.00	57.62 4.02 0.00	59.60 4.21 0.00	65.17 4.36 -3.50	74.79 5.48 0.00	81.52 5.83 0.00	73.28 5.49 0.00	69.59 5.31 -0.27	64.59 4.45 -5.26	65.38 4.16 -9.18	57.44 4.16 -0.01	57.09 3.96 -0.33
PATROON___115KV_TB1 80586	50.63 1.76 0.00	48.91 1.79 0.00	47.23 1.73 0.00	46.52 1.66 0.00	48.04 1.71 0.00	47.69 1.79 0.00	55.11 1.55 0.00	60.39 1.70 0.00	63.29 1.60 0.00	52.56 1.23 0.00	60.03 2.03 0.00	54.16 1.83 0.00	54.65 1.90 0.00	55.37 1.77 0.00	57.33 1.94 0.00	63.65 2.06 -4.28	71.67 2.36 0.00	78.11 2.42 0.00	70.23 2.44 0.00	66.71 2.37 -0.33	63.34 2.03 -6.43	65.16 1.93 -11.20	55.58 2.29 -0.01	55.69 2.48 -0.41
PATTRSNVILLE___SOLAR 323815	50.39 1.52 0.00	48.67 1.55 0.00	46.91 1.41 0.00	46.26 1.39 0.00	47.86 1.53 0.00	47.46 1.56 0.00	55.38 1.82 0.00	60.80 2.11 0.00	63.35 1.67 0.00	52.26 0.92 0.00	58.98 0.98 0.00	53.16 0.83 0.00	53.70 0.95 0.00	54.73 1.13 0.00	56.94 1.55 0.00	63.88 1.95 -4.62	71.74 2.42 0.00	78.50 2.80 0.00	70.36 2.58 0.00	66.80 2.43 -0.36	63.85 2.03 -6.94	66.00 1.87 -12.10	55.26 1.97 -0.01	55.19 1.95 -0.44
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	47.40 -1.47 0.00	45.28 -1.84 0.00	44.00 -1.50 0.00	43.83 -1.03 0.00	45.36 -0.97 0.00	44.16 -1.74 0.00	51.31 -2.25 0.00	54.29 -4.40 0.00	56.87 -4.81 0.00	47.17 -4.16 0.00	51.79 -6.21 0.00	46.41 -5.91 0.00	46.32 -6.44 0.00	41.65 -7.45 4.50	43.67 -7.98 3.74	40.89 -8.02 8.39	49.97 -9.15 10.19	55.19 -9.39 11.11	49.28 -8.47 10.04	45.55 -9.02 9.43	39.53 -7.68 7.67	37.31 -7.39 7.34	46.00 -5.86 1.42	45.52 -7.34 -0.06
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.80 2.93 0.00	49.85 2.73 0.00	48.09 2.59 0.00	47.29 2.42 0.00	48.88 2.55 0.00	48.43 2.52 0.00	56.72 3.16 0.00	62.09 3.40 0.00	65.14 3.45 0.00	54.10 2.77 0.00	61.30 3.31 0.00	55.26 2.93 0.00	55.81 3.06 0.00	56.87 3.27 0.00	58.88 3.49 0.00	64.58 3.73 -3.54	74.02 4.71 0.00	80.84 5.15 0.00	72.53 4.75 0.00	68.89 4.61 -0.28	64.04 3.84 -5.32	65.06 3.75 -9.28	56.91 3.62 -0.01	56.51 3.38 -0.34
PEEKSKILL___ 23653	51.26 2.39 0.00	49.33 2.22 0.00	47.64 2.14 0.00	46.84 1.97 0.00	48.28 1.95 0.00	47.78 1.88 0.00	55.91 2.35 0.00	61.33 2.64 0.00	64.22 2.53 0.00	53.44 2.11 0.00	60.78 2.78 0.00	54.89 2.56 0.00	55.55 2.79 0.00	56.44 2.84 0.00	58.38 2.99 0.00	63.93 3.15 -3.47	73.19 3.88 0.00	79.85 4.16 0.00	71.65 3.86 0.00	68.12 3.84 -0.27	63.33 3.24 -5.21	64.19 3.07 -9.09	56.32 3.04 -0.01	55.98 2.85 -0.33
PGE MADISON___WINDPWR 24146	50.87 2.00 0.00	49.10 1.98 0.00	47.64 2.14 0.00	47.02 2.15 0.00	48.79 2.46 0.00	48.52 2.62 0.00	57.26 3.70 0.00	62.97 4.28 0.00	66.13 4.44 0.00	54.67 3.34 0.00	61.07 3.07 0.00	54.68 2.35 0.00	54.71 1.95 0.00	56.51 1.98 -0.93	58.27 2.10 -0.77	63.64 2.18 -4.15	74.46 3.05 -2.10	81.84 3.86 -2.29	72.91 3.05 -2.07	68.67 2.62 -2.04	60.37 2.14 -3.34	60.62 1.61 -6.98	55.12 1.55 -0.30	54.38 1.48 -0.10

PIERCEFIELD___HYD 23852	49.41 0.54 0.00	47.78 0.66 0.00	46.14 0.64 0.00	45.45 0.58 0.00	46.98 0.65 0.00	46.59 0.69 0.00	54.47 0.91 0.00	60.04 1.35 0.00	63.35 1.67 0.00	52.87 1.54 0.00	59.56 1.57 0.00	53.84 1.52 0.00	54.23 1.48 0.00	54.89 1.29 0.00	56.78 1.38 0.00	58.40 1.09 0.00	70.07 0.76 0.00	76.30 0.61 0.00	67.99 0.20 0.00	64.26 0.26 0.00	55.10 0.22 0.00	52.87 0.83 0.00	54.29 1.01 0.00	53.75 0.95 0.00
PINELAWN_CC_1 323563	65.79 3.96 -12.97	59.27 3.72 -8.44	49.10 3.59 -0.01	48.33 3.45 -0.01	49.77 3.43 -0.01	50.61 3.40 -1.31	63.78 4.12 -6.10	69.30 4.46 -6.16	69.03 4.44 -2.90	55.04 3.70 -0.01	62.47 4.47 -0.01	56.47 4.13 -0.01	57.81 4.33 -0.73	57.95 4.34 -0.01	66.58 4.59 -6.60	71.04 4.93 -8.80	91.08 6.03 -15.74	110.84 6.36 -28.78	106.56 5.89 -32.88	96.85 5.76 -27.08	85.05 4.83 -25.34	76.03 4.58 -19.41	62.53 4.74 -4.51	57.63 4.49 -0.34
PJM_GEN_HTP_PROXY 323702	51.65 2.78 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.51 2.18 0.00	48.01 2.11 0.00	56.29 2.73 0.00	61.74 3.05 0.00	64.65 2.96 0.00	58.06 2.51 -4.21	57.15 3.36 4.21	55.41 3.09 0.00	56.08 3.33 0.00	56.93 3.32 0.00	58.88 3.49 0.00	64.48 3.67 -3.50	73.88 4.57 0.00	80.61 4.92 0.00	72.40 4.61 0.00	68.82 4.54 -0.27	63.88 3.73 -5.26	64.75 3.54 -9.18	56.80 3.52 -0.01	56.41 3.27 -0.33
PJM_GEN_KEystone 24065	48.92 0.05 0.00	47.02 -0.09 0.00	45.41 -0.09 0.00	44.91 0.04 0.00	46.33 0.00 0.00	45.67 -0.23 0.00	53.19 -0.37 0.00	57.57 -1.12 0.00	57.10 -1.42 3.17	50.60 -1.18 -0.45	52.10 -1.68 4.21	48.80 -1.62 1.90	45.90 -1.69 5.16	44.00 -1.88 7.72	43.12 -1.99 10.28	44.97 -1.95 10.39	53.40 -2.15 13.76	64.61 -2.12 8.96	60.32 -1.76 5.71	55.83 -1.86 6.32	54.17 -1.65 -0.93	53.97 -1.61 -3.55	50.20 -1.39 1.69	51.47 -1.53 -0.21
PJM_GEN_NEPTUNE_PROXY 323594	63.28 3.22 -11.19	57.41 3.02 -7.28	48.42 2.91 -0.01	47.65 2.78 -0.01	49.07 2.73 -0.01	49.74 2.71 -1.13	62.14 3.32 -5.26	67.58 3.58 -5.31	67.77 3.58 -2.51	58.58 3.03 -4.22	57.51 3.72 4.20	55.79 3.45 -0.01	57.07 3.69 -0.63	57.31 3.70 -0.01	64.96 3.88 -5.69	69.56 4.18 -8.07	87.95 5.06 -13.58	105.82 5.30 -24.83	101.10 4.95 -28.37	92.27 4.86 -23.40	81.58 4.12 -22.58	73.95 3.90 -18.01	61.17 4.00 -3.89	56.89 3.75 -0.34
PJM_GEN_VFT_PROXY 323633	51.41 2.54 0.00	49.33 2.22 0.00	47.64 2.14 0.00	46.84 1.97 0.00	48.23 1.90 0.00	47.74 1.84 0.00	56.03 2.47 0.00	61.50 2.82 0.00	64.40 2.71 0.00	57.86 2.31 -4.21	56.97 3.19 4.21	55.31 2.98 0.00	55.97 3.22 0.00	56.82 3.22 0.00	58.77 3.38 0.00	64.37 3.55 -3.50	73.75 4.44 0.00	80.39 4.69 0.00	72.26 4.47 0.00	68.76 4.48 -0.27	63.82 3.68 -5.26	64.65 3.43 -9.18	56.65 3.36 -0.01	56.30 3.17 -0.33
PLATSBURG_115KV_PMLD1 355749	48.58 -0.29 0.00	46.93 -0.19 0.00	45.32 -0.18 0.00	44.68 -0.18 0.00	46.19 -0.14 0.00	45.86 -0.05 0.00	53.72 0.16 0.00	59.45 0.76 0.00	63.10 1.42 0.00	53.03 1.69 0.00	59.85 1.86 0.00	54.16 1.83 0.00	54.55 1.79 0.00	55.26 1.66 0.00	57.16 1.77 0.00	58.97 1.66 0.00	71.18 1.87 0.00	77.21 1.51 0.00	68.60 0.81 0.00	64.71 0.70 0.00	55.49 0.60 0.00	52.82 0.78 0.00	53.87 0.59 0.00	53.22 0.42 0.00
PLEASANTVLY___LBMP 24000	51.02 2.15 0.00	49.05 1.93 0.00	47.36 1.87 0.00	46.61 1.75 0.00	48.04 1.71 0.00	47.65 1.74 0.00	55.76 2.20 0.00	61.09 2.41 0.00	64.03 2.34 0.00	53.28 1.95 0.00	60.61 2.61 0.00	54.73 2.41 0.00	55.29 2.53 0.00	56.28 2.68 0.00	58.22 2.82 0.00	63.88 2.92 -3.65	72.85 3.53 0.00	79.40 3.71 0.00	71.31 3.53 0.00	67.81 3.52 -0.29	63.38 3.02 -5.48	64.41 2.81 -9.57	56.11 2.82 -0.01	55.84 2.69 -0.35
PLSNTVLE_13_KV_13.8KVDIST 80602	51.41 2.54 0.00	49.43 2.31 0.00	47.68 2.18 0.00	46.88 2.02 0.00	48.37 2.04 0.00	47.97 2.07 0.00	56.18 2.62 0.00	61.62 2.93 0.00	64.52 2.84 0.00	53.69 2.36 0.00	61.13 3.13 0.00	55.20 2.88 0.00	55.76 3.01 0.00	56.71 3.11 0.00	58.66 3.27 0.00	64.28 3.44 -3.53	73.54 4.23 0.00	80.23 4.54 0.00	71.99 4.20 0.00	68.44 4.16 -0.28	63.69 3.51 -5.30	64.56 3.28 -9.25	56.59 3.30 -0.01	56.25 3.12 -0.34
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.41 2.54 0.00	49.43 2.31 0.00	47.68 2.18 0.00	46.88 2.02 0.00	48.37 2.04 0.00	47.97 2.07 0.00	56.18 2.62 0.00	61.62 2.93 0.00	64.52 2.84 0.00	53.69 2.36 0.00	61.13 3.13 0.00	55.20 2.88 0.00	55.76 3.01 0.00	56.71 3.11 0.00	58.66 3.27 0.00	64.28 3.44 -3.53	73.54 4.23 0.00	80.23 4.54 0.00	71.99 4.20 0.00	68.44 4.16 -0.28	63.69 3.51 -5.30	64.56 3.28 -9.25	56.59 3.30 -0.01	56.25 3.12 -0.34
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.36 2.49 0.00	49.43 2.31 0.00	47.68 2.18 0.00	46.93 2.06 0.00	48.41 2.08 0.00	48.01 2.11 0.00	56.18 2.62 0.00	61.44 2.76 0.00	64.46 2.78 0.00	53.44 2.10 0.00	60.66 2.67 0.00	54.73 2.41 0.00	55.34 2.58 0.00	56.44 2.84 0.00	58.38 2.99 0.00	64.10 3.21 -3.58	73.19 3.88 0.00	79.93 4.24 0.00	71.79 4.00 0.00	68.25 3.97 -0.28	63.61 3.35 -5.38	64.64 3.23 -9.38	56.38 3.09 -0.01	56.04 2.90 -0.34
POLETTI_____ 23519	51.66 2.79 0.00	49.57 2.45 0.00	47.82 2.32 0.00	46.97 2.11 0.00	48.46 2.13 0.00	48.01 2.11 0.00	56.29 2.73 0.00	61.74 3.05 0.00	64.65 2.96 0.00	53.85 2.52 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.08 3.32 0.00	57.03 3.43 0.00	58.99 3.60 0.00	64.54 3.73 -3.50	74.02 4.71 0.00	80.69 5.00 0.00	72.53 4.75 0.00	68.95 4.67 -0.27	63.98 3.84 -5.26	64.86 3.64 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
POMONA___ESR 323819	51.17 2.30 0.00	49.24 2.12 0.00	47.55 2.05 0.00	46.79 1.93 0.00	48.19 1.86 0.00	47.69 1.79 0.00	55.76 2.20 0.00	61.15 2.46 0.00	64.03 2.34 0.00	53.28 1.95 0.00	60.55 2.55 0.00	54.68 2.36 0.00	55.34 2.58 0.00	56.23 2.63 0.00	58.16 2.77 0.00	63.62 2.92 -3.39	72.84 3.53 0.00	79.55 3.86 0.00	71.45 3.66 0.00	67.85 3.58 -0.27	62.99 3.02 -5.10	63.79 2.86 -8.89	56.11 2.82 -0.01	55.81 2.69 -0.32
PORT_JEFF_3 23555	65.18 4.40 -11.91	59.02 4.15 -7.75	49.46 3.96 -0.01	48.64 3.77 -0.01	50.14 3.80 -0.01	50.91 3.81 -1.20	63.77 4.61 -5.60	69.33 4.99 -5.66	69.29 4.94 -2.67	55.35 4.01 -0.01	62.82 4.81 -0.01	56.84 4.50 -0.01	58.17 4.75 -0.67	58.33 4.72 -0.01	66.33 4.88 -6.06	70.95 5.27 -8.37	90.22 6.45 -14.47	108.65 6.51 -26.45	103.97 5.97 -30.21	94.86 5.95 -24.91	83.58 4.99 -23.71	75.35 4.73 -18.58	62.49 5.06 -4.15	57.94 4.80 -0.34
PORT_JEFF_4 23616	65.18 4.40 -11.91	59.02 4.15 -7.75	49.46 3.96 -0.01	48.64 3.77 -0.01	50.14 3.80 -0.01	50.91 3.81 -1.20	63.77 4.61 -5.60	69.33 4.99 -5.66	69.29 4.94 -2.67	55.35 4.01 -0.01	62.82 4.81 -0.01	56.84 4.50 -0.01	58.17 4.75 -0.67	58.33 4.72 -0.01	66.33 4.88 -6.06	70.95 5.27 -8.37	90.22 6.45 -14.47	108.65 6.51 -26.45	103.97 5.97 -30.21	94.86 5.95 -24.91	83.58 4.99 -23.71	75.35 4.73 -18.58	62.49 5.06 -4.15	57.94 4.80 -0.34

PORT_JEFF_IC 23713	65.27	59.04	49.47	48.60	50.14	51.01	63.89	69.47	69.42	55.45	62.93	56.94	58.17	58.49	66.45	71.02	90.34	108.80	104.19	95.06	83.75	75.43	62.61	58.00
	4.45	4.15	3.96	3.72	3.80	3.90	4.71	5.11	5.06	4.11	4.93	4.60	4.75	4.88	4.99	5.33	6.52	6.59	6.10	6.08	5.10	4.79	5.17	4.86
	-11.95	-7.77	-0.01	-0.01	-0.01	-1.21	-5.62	-5.67	-2.68	-0.01	-0.01	-0.01	-0.67	-0.01	-6.08	-8.38	-14.51	-26.53	-30.30	-24.98	-23.76	-18.61	-4.16	-0.34
PPL PILGRIM_ST_GT1 24216	65.40	59.17	49.56	48.68	50.18	50.98	63.85	69.41	69.39	55.45	62.93	56.89	58.23	58.44	66.58	71.20	90.64	109.49	104.88	95.55	84.13	75.75	62.71	58.05
	4.45	4.19	4.05	3.81	3.84	3.86	4.61	4.99	4.99	4.11	4.93	4.55	4.80	4.83	5.04	5.45	6.65	6.96	6.44	6.28	5.27	5.00	5.22	4.91
	-12.09	-7.86	-0.01	-0.01	-0.01	-1.22	-5.68	-5.74	-2.71	-0.01	-0.01	-0.01	-0.68	-0.01	-6.15	-8.44	-14.68	-26.83	-30.65	-25.26	-23.98	-18.72	-4.21	-0.34
PPL PILGRIM_ST_GT2 24217	65.40	59.17	49.56	48.68	50.18	50.98	63.85	69.41	69.39	55.45	62.93	56.89	58.23	58.44	66.58	71.20	90.64	109.49	104.88	95.55	84.13	75.75	62.71	58.05
	4.45	4.19	4.05	3.81	3.84	3.86	4.61	4.99	4.99	4.11	4.93	4.55	4.80	4.83	5.04	5.45	6.65	6.96	6.44	6.28	5.27	5.00	5.22	4.91
	-12.09	-7.86	-0.01	-0.01	-0.01	-1.22	-5.68	-5.74	-2.71	-0.01	-0.01	-0.01	-0.68	-0.01	-6.15	-8.44	-14.68	-26.83	-30.65	-25.26	-23.98	-18.72	-4.21	-0.34
PPL_SHRM_GT3 24213	65.74	59.55	50.01	49.14	50.65	51.47	64.42	70.11	70.03	55.81	63.34	57.36	58.65	58.81	66.55	71.24	90.31	108.09	103.40	94.64	83.39	75.16	62.81	58.26
	4.93	4.67	4.51	4.26	4.31	4.36	5.25	5.75	5.67	4.46	5.33	5.02	5.22	5.20	5.09	5.56	6.51	5.91	5.35	5.69	4.77	4.52	5.38	5.12
	-11.93	-7.76	-0.01	-0.01	-0.01	-1.20	-5.61	-5.67	-2.67	-0.01	-0.01	-0.01	-0.67	-0.01	-6.07	-8.38	-14.49	-26.49	-30.26	-24.94	-23.74	-18.60	-4.15	-0.34
PPL_SHRM_GT4 24214	65.74	59.55	50.01	49.14	50.65	51.47	64.42	70.11	70.03	55.81	63.34	57.36	58.65	58.81	66.55	71.24	90.31	108.09	103.40	94.64	83.39	75.16	62.81	58.26
	4.93	4.67	4.51	4.26	4.31	4.36	5.25	5.75	5.67	4.46	5.33	5.02	5.22	5.20	5.09	5.56	6.51	5.91	5.35	5.69	4.77	4.52	5.38	5.12
	-11.93	-7.76	-0.01	-0.01	-0.01	-1.20	-5.61	-5.67	-2.67	-0.01	-0.01	-0.01	-0.67	-0.01	-6.07	-8.38	-14.49	-26.49	-30.26	-24.94	-23.74	-18.60	-4.15	-0.34
PROJECT___ORANGE 1 24174	47.94	46.22	44.63	44.06	45.54	45.03	52.49	57.28	60.21	50.00	56.20	50.65	51.07	51.94	53.62	55.85	67.23	73.72	65.96	62.24	53.76	51.24	51.63	51.30
	-0.93	-0.90	-0.86	-0.81	-0.79	-0.87	-1.07	-1.41	-1.48	-1.33	-1.80	-1.67	-1.69	-1.66	-1.77	-1.78	-2.08	-1.97	-1.83	-1.79	-1.59	-1.61	-1.65	-1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	0.00	0.00	0.00	-0.02	-0.47	-0.82	0.00	-0.03
PROJECT___ORANGE 2 24166	47.94	46.22	44.63	44.06	45.54	45.03	52.49	57.28	60.21	50.00	56.20	50.65	51.07	51.94	53.62	55.85	67.23	73.72	65.96	62.24	53.76	51.24	51.63	51.30
	-0.93	-0.90	-0.86	-0.81	-0.79	-0.87	-1.07	-1.41	-1.48	-1.33	-1.80	-1.67	-1.69	-1.66	-1.77	-1.78	-2.08	-1.97	-1.83	-1.79	-1.59	-1.61	-1.65	-1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	0.00	0.00	0.00	-0.02	-0.47	-0.82	0.00	-0.03
PUCKETT___SOLAR 323809	49.41	47.59	46.00	45.45	47.03	46.54	54.37	59.33	62.18	51.54	57.65	51.80	52.12	52.90	54.73	57.95	68.97	75.69	67.72	63.78	56.26	54.50	52.86	52.38
	0.54	0.47	0.50	0.58	0.70	0.64	0.80	0.65	0.49	0.21	-0.35	-0.52	-0.63	-0.70	-0.66	-0.52	-0.34	0.00	-0.07	-0.32	-0.33	-0.57	-0.43	-0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.16	0.00	0.00	0.00	-0.09	-1.71	-3.04	0.00	-0.11
PYRITES___HYD 24023	50.19	48.53	46.86	46.16	47.72	47.28	55.27	60.92	64.15	53.44	60.20	54.37	54.76	55.48	57.39	59.14	71.25	77.66	69.21	65.35	56.09	53.70	55.04	54.49
	1.32	1.41	1.36	1.30	1.39	1.38	1.71	2.23	2.47	2.10	2.20	2.04	2.00	1.88	1.99	1.83	1.94	1.97	1.42	1.34	1.21	1.67	1.76	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
QUAKERRD_115KV_BK1 80622	46.52	44.76	43.27	42.80	44.25	43.42	50.67	54.81	57.68	47.94	53.36	47.98	48.22	49.21	50.57	52.63	63.84	70.32	62.71	59.05	51.35	48.27	48.81	49.09
	-2.35	-2.36	-2.23	-2.06	-2.08	-2.48	-2.89	-3.87	-4.01	-3.39	-4.64	-4.34	-4.54	-4.40	-4.82	-4.81	-5.48	-5.37	-5.08	-4.99	-4.17	-4.32	-4.48	-3.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.03	-0.64	-0.55	0.00	-0.04
QUENSBRY_115KV_TB8 356137	50.97	49.43	47.59	46.97	48.69	48.43	56.29	61.97	64.58	53.44	60.43	54.37	54.86	55.75	57.94	64.66	72.71	79.55	71.45	67.68	64.34	66.35	56.11	56.18
	2.10	2.31	2.09	2.11	2.36	2.52	2.73	3.29	2.90	2.10	2.44	2.04	2.11	2.14	2.55	2.92	3.40	3.86	3.66	3.33	2.80	2.71	2.82	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.43	0.00	0.00	0.00	-0.35	-6.66	-11.60	-0.01	-0.42
RAMAPO___LBMP 323565	50.97	48.96	47.27	46.48	47.91	47.51	55.60	60.98	63.78	53.13	60.37	54.52	55.07	56.07	57.99	63.37	72.64	79.25	71.18	67.60	62.74	63.52	55.90	55.60
	2.10	1.84	1.77	1.62	1.58	1.61	2.04	2.29	2.10	1.80	2.38	2.20	2.32	2.47	2.60	2.69	3.33	3.56	3.39	3.33	2.80	2.65	2.61	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	0.00	0.00	0.00	-0.26	-5.06	-8.83	-0.01	-0.32
RANKINE____ 23646	46.96	44.90	43.59	43.43	44.99	43.74	50.78	53.70	56.32	46.76	51.27	45.94	45.84	41.04	43.07	39.57	48.41	53.64	47.81	44.49	38.60	36.29	45.29	46.20
	-1.91	-2.21	-1.91	-1.44	-1.34	-2.16	-2.79	-4.99	-5.37	-4.57	-6.73	-6.38	-6.91	-7.34	-7.98	-7.97	-9.08	-9.16	-8.34	-8.58	-7.24	-7.13	-6.34	-6.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.22	4.35	9.77	11.82	12.89	11.64	10.94	9.04	8.61	1.65	-0.06
RAVENSWOOD_GT2_1 24244	51.70	49.61	47.87	47.02	48.51	48.10	56.40	61.86	64.83	54.00	61.48	55.57	56.13	57.09	59.05	64.59	74.09	80.76	72.53	69.02	64.04	64.91	56.91	56.56
	2.83	2.50	2.37	2.15	2.18	2.20	2.84	3.17	3.15	2.67	3.48	3.24	3.38	3.48	3.66	3.78	4.78	5.07	4.75	4.74	3.90	3.69	3.62	3.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.50	0.00	0.00	0.00	-0.27	-5.26	-9.18	-0.01	-0.33
RAVENSWOOD_GT2_2 24245	51.70	49.61	47.87	47.02	48.51	48.10	56.40	61.86	64.83	54.00	61.48	55.57	56.13	57.09	59.05	64.59	74.09	80.76	72.53	69.02	64.04	64.91	56.91	56.56
	2.83	2.50	2.37	2.15	2.18	2.20	2.84	3.17	3.15	2.67	3.48	3.24	3.38	3.48	3.66	3.78	4.78	5.07	4.75	4.74	3.90	3.69	3.62	3.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.50	0.00	0.00	0.00	-0.27	-5.26	-9.18	-0.01	-0.33

RAVENSWOOD_GT2_3 24246	51.70 2.83 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.83 3.15 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.24 0.00	56.13 3.38 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.02 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.97 3.68 -0.01	56.56 3.43 -0.33
RAVENSWOOD_GT2_4 24247	51.70 2.83 0.00	49.61 2.50 0.00	47.91 2.41 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.83 3.15 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.24 0.00	56.13 3.38 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.65 3.84 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.02 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.97 3.68 -0.01	56.56 3.43 -0.33
RAVENSWOOD_GT3_1 24248	51.66 2.79 0.00	49.57 2.45 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.06 2.16 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.77 3.08 0.00	53.95 2.62 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.13 3.38 0.00	57.03 3.43 0.00	58.99 3.60 0.00	64.59 3.78 -3.50	74.02 4.71 0.00	80.69 5.00 0.00	72.53 4.75 0.00	68.95 4.67 -0.27	64.04 3.90 -5.26	64.86 3.64 -9.18	56.91 3.62 -0.01	56.51 3.38 -0.33
RAVENSWOOD_GT3_2 24249	51.66 2.79 0.00	49.57 2.45 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.46 2.13 0.00	48.06 2.16 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.77 3.08 0.00	53.95 2.62 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.13 3.38 0.00	57.03 3.43 0.00	58.99 3.60 0.00	64.59 3.78 -3.50	74.02 4.71 0.00	80.69 5.00 0.00	72.53 4.75 0.00	68.95 4.67 -0.27	64.04 3.90 -5.26	64.86 3.64 -9.18	56.91 3.62 -0.01	56.51 3.38 -0.33
RAVENSWOOD_GT3_3 24250	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.51 2.18 0.00	48.15 2.25 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.83 3.15 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.24 0.00	56.18 3.43 0.00	57.14 3.54 0.00	59.10 3.71 0.00	64.65 3.84 -3.50	74.16 4.85 0.00	80.84 5.15 0.00	72.67 4.88 0.00	69.08 4.80 -0.27	64.09 3.95 -5.26	64.96 3.75 -9.18	56.97 3.68 -0.01	56.62 3.48 -0.33
RAVENSWOOD_GT3_4 24251	51.75 2.88 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.51 2.18 0.00	48.15 2.25 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.83 3.15 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.24 0.00	56.18 3.43 0.00	57.14 3.54 0.00	59.10 3.71 0.00	64.65 3.84 -3.50	74.16 4.85 0.00	80.84 5.15 0.00	72.67 4.88 0.00	69.08 4.80 -0.27	64.09 3.95 -5.26	64.96 3.75 -9.18	56.97 3.68 -0.01	56.62 3.48 -0.33
RAVENSWOOD_GT_1 23729	52.00 3.13 0.00	49.90 2.78 0.00	48.18 2.68 0.00	47.33 2.47 0.00	48.79 2.46 0.00	48.38 2.48 0.00	56.77 3.21 0.00	62.27 3.58 0.00	65.20 3.52 0.00	54.31 2.98 0.00	61.88 3.89 0.00	55.88 3.56 0.00	56.45 3.69 0.00	57.41 3.81 0.00	59.38 3.99 0.00	64.94 4.13 -3.50	74.51 5.20 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33
RAVENSWOOD_GT_10 24258	51.70 2.83 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.77 3.08 0.00	53.95 2.62 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.13 3.38 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.59 3.78 -3.50	74.02 4.71 0.00	80.76 5.07 0.00	72.53 4.75 0.00	68.95 4.67 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
RAVENSWOOD_GT_11 24259	51.70 2.83 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.77 3.08 0.00	53.95 2.62 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.13 3.38 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.59 3.78 -3.50	74.02 4.71 0.00	80.76 5.07 0.00	72.53 4.75 0.00	68.95 4.67 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
RAVENSWOOD_GT_4 24252	51.70 2.83 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.83 3.15 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.24 0.00	56.13 3.38 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.59 3.78 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.02 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
RAVENSWOOD_GT_5 24254	51.70 2.83 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.83 3.15 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.24 0.00	56.13 3.38 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.59 3.78 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.02 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
RAVENSWOOD_GT_6 24253	51.70 2.83 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.83 3.15 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.24 0.00	56.13 3.38 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.59 3.78 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.02 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
RAVENSWOOD_GT_7 24255	51.70 2.83 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.83 3.15 0.00	54.00 2.67 0.00	61.53 3.54 0.00	55.57 3.24 0.00	56.13 3.38 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.59 3.78 -3.50	74.09 4.78 0.00	80.76 5.07 0.00	72.60 4.81 0.00	69.02 4.74 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.70 2.83 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.77 3.08 0.00	53.95 2.62 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.13 3.38 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.59 3.78 -3.50	74.02 4.71 0.00	80.76 5.07 0.00	72.53 4.75 0.00	68.95 4.67 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
RAVENSWOOD_GT_9 24257	51.70 2.83 0.00	49.61 2.50 0.00	47.87 2.37 0.00	47.02 2.15 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.77 3.08 0.00	53.95 2.62 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.13 3.38 0.00	57.09 3.48 0.00	59.05 3.66 0.00	64.59 3.78 -3.50	74.02 4.71 0.00	80.76 5.07 0.00	72.53 4.75 0.00	68.95 4.67 -0.27	64.04 3.90 -5.26	64.91 3.69 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33

RAVENSWOOD___1 23533	52.05 3.17 -0.01	50.05 2.92 -0.01	48.28 2.78 -0.01	47.47 2.60 -0.01	48.93 2.59 -0.01	48.43 2.52 -0.01	56.78 3.21 -0.01	62.28 3.58 -0.01	65.27 3.58 -0.01	54.32 2.98 -0.01	61.89 3.89 -0.01	55.89 3.56 -0.01	56.56 3.80 -0.01	57.42 3.81 -0.01	59.39 3.99 -0.01	65.00 4.18 -3.51	74.52 5.20 -0.01	81.30 5.60 -0.01	73.02 5.22 -0.01	69.41 5.12 -0.28	64.43 4.28 -5.27	65.23 4.01 -9.19	57.29 4.00 -0.02	56.89 3.75 -0.34
RAVENSWOOD___2 23534	52.01 3.13 -0.01	49.95 2.83 -0.01	48.24 2.73 -0.01	47.43 2.56 -0.01	48.84 2.50 -0.01	48.34 2.43 -0.01	56.67 3.11 -0.01	62.22 3.52 -0.01	65.15 3.45 -0.01	54.26 2.92 -0.01	61.77 3.77 -0.01	55.84 3.51 -0.01	56.51 3.75 -0.01	57.36 3.75 -0.01	59.33 3.93 -0.01	64.95 4.13 -3.51	74.38 5.06 -0.01	81.08 5.37 -0.01	72.95 5.15 -0.01	69.34 5.06 -0.28	64.32 4.17 -5.27	65.18 3.95 -9.19	57.18 3.89 -0.02	56.83 3.69 -0.34
RAVENSWOOD___3 23535	51.70 2.83 0.00	49.66 2.54 0.00	47.95 2.46 0.00	47.15 2.29 0.00	48.55 2.22 0.00	48.06 2.16 0.00	56.40 2.84 0.00	61.85 3.17 0.00	64.77 3.08 0.00	53.95 2.62 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.18 3.43 0.00	57.08 3.48 0.00	59.05 3.65 0.00	64.65 3.84 -3.50	74.03 4.72 0.00	80.76 5.07 0.00	72.53 4.74 0.00	69.02 4.74 -0.27	64.04 3.90 -5.26	64.86 3.64 -9.18	56.91 3.62 -0.01	56.56 3.43 -0.33
RAVENSWOOD___4 23820	52.10 3.22 -0.01	50.05 2.92 -0.01	48.33 2.82 -0.01	47.52 2.65 -0.01	48.93 2.59 -0.01	48.43 2.52 -0.01	56.78 3.21 -0.01	62.33 3.64 -0.01	65.27 3.58 -0.01	54.37 3.03 -0.01	61.89 3.89 -0.01	55.94 3.61 -0.01	56.56 3.80 -0.01	57.42 3.81 -0.01	59.44 4.04 -0.01	65.06 4.24 -3.51	74.52 5.20 -0.01	81.30 5.60 -0.01	73.09 5.29 -0.01	69.41 5.12 -0.28	64.43 4.28 -5.27	65.28 4.06 -9.19	57.29 4.00 -0.02	56.94 3.80 -0.34
RCPL_TRUST___DRP 24196	51.70 2.83 0.00	49.61 2.50 0.00	47.87 2.37 0.00	46.97 2.11 0.00	48.46 2.13 0.00	48.06 2.16 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.77 3.08 0.00	53.95 2.62 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.08 3.32 0.00	57.03 3.43 0.00	58.99 3.60 0.00	64.54 3.73 -3.50	74.02 4.71 0.00	80.69 5.00 0.00	72.47 4.68 0.00	68.95 4.67 -0.27	63.98 3.84 -5.26	64.80 3.59 -9.18	56.86 3.57 -0.01	56.46 3.33 -0.33
RED___ROCHESTER 323720	47.79 -1.08 0.00	46.04 -1.08 0.00	44.41 -1.09 0.00	44.01 -0.85 0.00	45.50 -0.83 0.00	44.80 -1.10 0.00	51.90 -1.66 0.00	56.05 -2.64 0.00	59.03 -2.65 0.00	49.07 -2.26 0.00	54.46 -3.54 0.00	48.87 -3.46 0.00	49.06 -3.69 0.00	50.23 -3.38 0.00	51.47 -3.93 0.00	53.60 -3.84 -0.13	65.16 -4.16 0.00	71.84 -3.86 0.00	64.06 -3.73 0.00	60.26 -3.78 -0.03	52.42 -3.13 -0.66	49.13 -3.44 -0.53	49.76 -3.52 0.00	50.04 -2.80 -0.04
REGAN___SOLAR 323812	51.26 2.39 0.00	49.61 2.50 0.00	47.77 2.27 0.00	47.15 2.29 0.00	48.88 2.55 0.00	48.56 2.66 0.00	56.61 3.05 0.00	62.39 3.70 0.00	64.40 2.71 0.00	52.62 1.28 0.00	59.04 1.05 0.00	53.16 0.83 0.00	53.70 0.95 0.00	54.94 1.34 0.00	57.50 2.10 0.00	65.17 3.04 -4.82	73.19 3.88 0.00	80.16 4.46 0.00	71.99 4.20 0.00	68.22 3.84 -0.38	65.31 3.18 -7.24	67.58 2.91 -12.64	56.33 3.04 -0.01	56.32 3.06 -0.46
RENSSELAER___COGEN 23796	50.09 1.22 0.00	48.34 1.22 0.00	46.73 1.23 0.00	46.03 1.16 0.00	47.53 1.20 0.00	47.09 1.19 0.00	54.74 1.18 0.00	60.04 1.35 0.00	62.98 1.30 0.00	52.31 0.97 0.00	59.73 1.74 0.00	53.89 1.57 0.00	54.44 1.69 0.00	55.10 1.50 0.00	57.05 1.66 0.00	63.35 1.78 -4.26	71.32 2.01 0.00	77.81 2.12 0.00	69.89 2.10 0.00	66.32 1.99 -0.33	63.04 1.76 -6.40	64.86 1.66 -11.16	55.26 1.97 -0.01	55.37 2.17 -0.41
REPUBLIC_115KV_BARTNBK 55605	52.63 3.76 0.00	51.12 4.00 0.00	49.14 3.64 0.00	48.54 3.68 0.00	50.45 4.12 0.00	50.22 4.31 0.00	58.33 4.77 0.00	64.44 5.75 0.00	66.74 5.06 0.00	55.03 3.70 0.00	62.06 4.06 0.00	55.78 3.45 0.00	56.29 3.53 0.00	57.25 3.64 0.00	59.55 4.15 0.00	66.55 4.81 -4.43	75.13 5.82 0.00	82.35 6.66 0.00	74.03 6.24 0.00	69.98 5.63 -0.35	66.25 4.72 -6.65	68.06 4.42 -11.60	57.98 4.69 -0.01	58.08 4.86 -0.42
REVERE_CPPR_DRP 24186	50.14 1.27 0.00	48.39 1.27 0.00	46.82 1.32 0.00	46.12 1.26 0.00	47.63 1.30 0.00	47.23 1.33 0.00	55.27 1.71 0.00	60.74 2.05 0.00	63.84 2.16 0.00	52.98 1.64 0.00	59.56 1.57 0.00	53.58 1.26 0.00	53.91 1.16 0.00	54.89 1.29 0.00	56.78 1.38 0.00	58.74 1.26 -0.17	70.84 1.52 0.00	77.66 1.97 0.00	69.42 1.63 0.00	65.43 1.41 -0.01	56.29 1.15 -0.26	53.57 1.09 -0.45	54.35 1.07 0.00	53.87 1.06 -0.02
REYNLDPA_13_KV_LD 356490	49.16 0.29 0.00	47.49 0.38 0.00	45.86 0.36 0.00	45.22 0.36 0.00	46.70 0.37 0.00	46.31 0.41 0.00	54.21 0.65 0.00	59.51 0.82 0.00	62.73 1.05 0.00	52.36 1.03 0.00	58.98 0.98 0.00	53.37 1.05 0.00	53.59 0.84 0.00	54.46 0.85 0.00	56.33 0.94 0.00	58.17 0.86 0.00	70.28 0.97 0.00	76.45 0.76 0.00	68.27 0.48 0.00	64.51 0.51 0.00	55.37 0.49 0.00	52.71 0.67 0.00	53.97 0.69 0.00	53.43 0.64 0.00
REYNOLDS_115KV_TB3 80639	50.48 1.61 0.00	48.77 1.65 0.00	47.09 1.59 0.00	46.43 1.57 0.00	47.91 1.58 0.00	47.51 1.61 0.00	55.11 1.55 0.00	60.33 1.64 0.00	63.29 1.60 0.00	52.62 1.28 0.00	60.03 2.03 0.00	54.16 1.83 0.00	54.71 1.95 0.00	55.48 1.88 0.00	57.44 2.05 0.00	63.75 2.18 -4.27	71.74 2.43 0.00	78.27 2.57 0.00	70.30 2.51 0.00	66.77 2.43 -0.33	63.44 2.14 -6.41	65.24 2.03 -11.18	55.53 2.24 -0.01	55.58 2.38 -0.41
RIVERBAY____ 323610	52.19 3.32 0.00	50.09 2.97 0.00	48.32 2.82 0.00	47.47 2.60 0.00	48.97 2.64 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.44 3.76 0.00	65.39 3.70 0.00	54.46 3.13 0.00	62.06 4.06 0.00	56.04 3.72 0.00	56.66 3.90 0.00	57.62 4.02 0.00	59.60 4.21 0.00	65.17 4.36 -3.50	74.79 5.48 0.00	81.52 5.83 0.00	73.28 5.49 0.00	69.59 5.31 -0.27	64.59 4.45 -5.26	65.38 4.16 -9.18	57.44 4.16 -0.01	57.09 3.96 -0.33
RIVERSDE_115KV_TB3 55908	50.48 1.61 0.00	48.77 1.65 0.00	47.09 1.59 0.00	46.43 1.57 0.00	47.91 1.58 0.00	47.51 1.61 0.00	55.01 1.45 0.00	60.27 1.58 0.00	63.23 1.54 0.00	52.51 1.18 0.00	59.97 1.97 0.00	54.11 1.78 0.00	54.60 1.85 0.00	55.32 1.72 0.00	57.28 1.88 0.00	63.59 2.01 -4.27	71.60 2.29 0.00	78.11 2.42 0.00	70.16 2.37 0.00	66.64 2.30 -0.33	63.28 1.98 -6.42	65.11 1.87 -11.20	55.48 2.18 -0.01	55.53 2.32 -0.41
ROARING___BROOK_WT_PWR 323790	47.55 -1.32 0.00	45.85 -1.27 0.00	44.27 -1.23 0.00	43.65 -1.21 0.00	45.17 -1.16 0.00	45.03 -0.87 0.00	52.97 -0.59 0.00	58.51 -0.18 0.00	61.69 0.00 0.00	51.38 0.05 0.00	58.00 0.00 0.00	52.22 -0.10 0.00	52.49 -0.26 0.00	53.23 -0.37 0.00	54.73 -0.66 0.00	56.28 -1.03 0.00	67.65 -1.66 0.00	73.72 -1.97 0.00	65.96 -1.83 0.00	62.34 -1.66 0.00	53.51 -1.37 0.00	50.79 -1.25 0.00	51.95 -1.33 0.00	51.48 -1.32 0.00

ROCHESRG_115KV_T4 355643	47.26 -1.61 0.00	45.42 -1.70 0.00	43.95 -1.55 0.00	43.47 -1.39 0.00	44.94 -1.39 0.00	43.97 -1.93 0.00	51.26 -2.30 0.00	55.22 -3.46 0.00	58.17 -3.52 0.00	48.30 -3.03 0.00	53.65 -4.35 0.00	48.19 -4.13 0.00	48.37 -4.38 0.00	49.47 -4.13 0.00	50.74 -4.65 0.00	52.84 -4.58 -0.12	64.18 -5.13 0.00	70.85 -4.84 0.00	63.11 -4.68 0.00	59.43 -4.61 -0.03	51.65 -3.90 -0.66	48.56 -4.01 -0.53	49.18 -4.10 0.00	49.51 -3.33 -0.04
ROCHESTER_9_IC 23652	47.60 -1.27 0.00	45.75 -1.37 0.00	44.23 -1.27 0.00	43.79 -1.08 0.00	45.22 -1.11 0.00	44.29 -1.61 0.00	51.69 -1.87 0.00	55.75 -2.93 0.00	58.66 -3.02 0.00	48.71 -2.62 0.00	54.11 -3.89 0.00	48.61 -3.72 0.00	48.80 -3.96 0.00	49.90 -3.70 0.00	51.13 -4.27 0.00	53.31 -4.13 -0.13	64.74 -4.57 0.00	71.46 -4.24 0.00	63.66 -4.14 0.00	59.88 -4.16 -0.03	52.09 -3.46 -0.66	48.92 -3.64 -0.53	49.50 -3.78 0.00	49.88 -2.96 -0.04
ROCKVIEW_13_KV_LD 356306	51.66 2.79 0.00	49.66 2.54 0.00	47.91 2.41 0.00	47.06 2.20 0.00	48.55 2.22 0.00	48.15 2.25 0.00	56.45 2.89 0.00	61.91 3.23 0.00	64.83 3.15 0.00	54.00 2.67 0.00	61.42 3.42 0.00	55.47 3.14 0.00	56.02 3.27 0.00	57.03 3.43 0.00	58.94 3.55 0.00	64.59 3.78 -3.50	73.95 4.64 0.00	80.69 5.00 0.00	72.47 4.68 0.00	68.89 4.61 -0.27	63.93 3.79 -5.26	64.80 3.59 -9.18	56.86 3.57 -0.01	56.51 3.38 -0.33
ROME____115KV_TB2 80656	50.14 1.27 0.00	48.39 1.27 0.00	46.82 1.32 0.00	46.12 1.26 0.00	47.63 1.30 0.00	47.23 1.33 0.00	55.27 1.71 0.00	60.74 2.05 0.00	63.84 2.16 0.00	52.98 1.64 0.00	59.56 1.57 0.00	53.58 1.26 0.00	53.91 1.16 0.00	54.89 1.29 0.00	56.78 1.38 0.00	58.74 1.26 -0.17	70.84 1.52 0.00	77.66 1.97 0.00	69.42 1.63 0.00	65.43 1.41 -0.01	56.29 1.15 -0.26	53.57 1.09 -0.45	54.35 1.07 0.00	53.87 1.06 -0.02
ROSETON___1 23587	50.92 2.05 0.00	49.05 1.93 0.00	47.37 1.87 0.00	46.61 1.75 0.00	48.05 1.72 0.00	47.55 1.65 0.00	55.60 2.03 0.00	60.97 2.29 0.00	63.90 2.22 0.00	53.18 1.85 0.00	60.43 2.44 0.00	54.57 2.25 0.00	55.18 2.43 0.00	56.12 2.52 0.00	58.05 2.66 0.00	63.62 2.81 -3.50	72.64 3.33 0.00	79.33 3.63 0.00	71.18 3.39 0.00	67.67 3.39 -0.27	62.99 2.85 -5.26	63.92 2.70 -9.18	55.95 2.66 -0.01	55.66 2.53 -0.33
ROSETON___2 23588	50.92 2.05 0.00	49.05 1.93 0.00	47.37 1.87 0.00	46.61 1.75 0.00	48.05 1.72 0.00	47.55 1.65 0.00	55.60 2.03 0.00	60.97 2.29 0.00	63.90 2.22 0.00	53.18 1.85 0.00	60.43 2.44 0.00	54.57 2.25 0.00	55.18 2.43 0.00	56.12 2.52 0.00	58.05 2.66 0.00	63.62 2.81 -3.50	72.64 3.33 0.00	79.33 3.63 0.00	71.18 3.39 0.00	67.67 3.39 -0.27	62.99 2.85 -5.26	63.92 2.70 -9.18	55.95 2.66 -0.01	55.66 2.53 -0.33
ROTTRDAM_115KV_TB3 80664	50.19 1.32 0.00	48.44 1.32 0.00	46.73 1.23 0.00	46.07 1.21 0.00	47.63 1.30 0.00	47.23 1.33 0.00	55.06 1.50 0.00	60.45 1.76 0.00	63.29 1.60 0.00	52.51 1.18 0.00	59.50 1.51 0.00	53.63 1.31 0.00	54.13 1.37 0.00	55.05 1.45 0.00	57.05 1.66 0.00	63.63 1.83 -4.48	71.46 2.15 0.00	78.04 2.35 0.00	70.03 2.24 0.00	66.47 2.11 -0.35	63.43 1.81 -6.74	65.45 1.67 -11.75	55.05 1.76 -0.01	54.97 1.74 -0.43
RUSSELL___1 23602	47.79 -1.08 0.00	45.94 -1.18 0.00	44.41 -1.09 0.00	43.97 -0.90 0.00	45.40 -0.93 0.00	44.48 -1.42 0.00	51.90 -1.66 0.00	56.05 -2.64 0.00	59.03 -2.65 0.00	49.02 -2.31 0.00	54.40 -3.60 0.00	48.87 -3.45 0.00	49.06 -3.69 0.00	50.17 -3.43 0.00	51.46 -3.93 0.00	53.59 -3.84 -0.13	65.15 -4.16 0.00	71.91 -3.78 0.00	64.06 -3.73 0.00	60.26 -3.78 -0.03	52.42 -3.13 -0.66	49.13 -3.43 -0.53	49.76 -3.52 0.00	50.09 -2.75 -0.04
RUSSELL___2 23532	47.79 -1.08 0.00	45.94 -1.18 0.00	44.41 -1.09 0.00	43.97 -0.90 0.00	45.40 -0.93 0.00	44.48 -1.42 0.00	51.90 -1.66 0.00	56.05 -2.64 0.00	59.03 -2.65 0.00	49.02 -2.31 0.00	54.40 -3.60 0.00	48.87 -3.45 0.00	49.06 -3.69 0.00	50.17 -3.43 0.00	51.46 -3.93 0.00	53.59 -3.84 -0.13	65.15 -4.16 0.00	71.91 -3.78 0.00	64.06 -3.73 0.00	60.26 -3.78 -0.03	52.42 -3.13 -0.66	49.13 -3.43 -0.53	49.76 -3.52 0.00	50.09 -2.75 -0.04
RUSSELL___3 23549	47.79 -1.08 0.00	45.94 -1.18 0.00	44.41 -1.09 0.00	43.97 -0.90 0.00	45.40 -0.93 0.00	44.48 -1.42 0.00	51.90 -1.66 0.00	56.05 -2.64 0.00	59.03 -2.65 0.00	49.02 -2.31 0.00	54.40 -3.60 0.00	48.87 -3.45 0.00	49.06 -3.69 0.00	50.17 -3.43 0.00	51.46 -3.93 0.00	53.59 -3.84 -0.13	65.15 -4.16 0.00	71.91 -3.78 0.00	64.06 -3.73 0.00	60.26 -3.78 -0.03	52.42 -3.13 -0.66	49.13 -3.43 -0.53	49.76 -3.52 0.00	50.09 -2.75 -0.04
RUSSELL___4 23556	47.79 -1.08 0.00	45.94 -1.18 0.00	44.41 -1.09 0.00	43.97 -0.90 0.00	45.40 -0.93 0.00	44.48 -1.42 0.00	51.90 -1.66 0.00	56.05 -2.64 0.00	59.03 -2.65 0.00	49.02 -2.31 0.00	54.40 -3.60 0.00	48.87 -3.45 0.00	49.06 -3.69 0.00	50.17 -3.43 0.00	51.46 -3.93 0.00	53.59 -3.84 -0.13	65.15 -4.16 0.00	71.91 -3.78 0.00	64.06 -3.73 0.00	60.26 -3.78 -0.03	52.42 -3.13 -0.66	49.13 -3.43 -0.53	49.76 -3.52 0.00	50.09 -2.75 -0.04
RUSSELL___STATION 23914	47.79 -1.08 0.00	45.94 -1.18 0.00	44.41 -1.09 0.00	43.97 -0.90 0.00	45.40 -0.93 0.00	44.48 -1.42 0.00	51.90 -1.66 0.00	56.05 -2.64 0.00	59.03 -2.65 0.00	49.02 -2.31 0.00	54.40 -3.60 0.00	48.87 -3.45 0.00	49.06 -3.69 0.00	50.17 -3.43 0.00	51.46 -3.93 0.00	53.59 -3.84 -0.13	65.15 -4.16 0.00	71.91 -3.78 0.00	64.06 -3.73 0.00	60.26 -3.78 -0.03	52.42 -3.13 -0.66	49.13 -3.43 -0.53	49.76 -3.52 0.00	50.09 -2.75 -0.04
S SALMON___HYD 24043	48.23 -0.64 0.00	46.50 -0.61 0.00	44.91 -0.59 0.00	44.28 -0.58 0.00	45.78 -0.55 0.00	45.40 -0.50 0.00	52.97 -0.59 0.00	57.92 -0.76 0.00	60.88 -0.80 0.00	50.56 -0.77 0.00	56.84 -1.16 0.00	51.33 -1.00 0.00	51.64 -1.11 0.00	52.58 -1.02 0.00	54.28 -1.11 0.00	56.41 -1.15 -0.25	67.85 -1.46 0.00	74.33 -1.36 0.00	66.36 -1.43 0.00	62.56 -1.47 -0.02	54.00 -1.26 -0.38	51.60 -1.10 -0.66	52.22 -1.07 0.00	51.82 -1.00 -0.02
S.PERRY__115KV_TB1 80734	48.92 0.05 0.00	47.02 -0.09 0.00	45.50 0.00 0.00	45.22 0.36 0.00	46.93 0.60 0.00	46.09 0.18 0.00	54.10 0.54 0.00	58.39 -0.29 0.00	61.25 -0.43 0.00	50.41 -0.92 0.00	55.44 -2.55 0.00	49.66 -2.67 0.00	49.75 -3.01 0.00	68.91 -3.00 -18.31	65.39 -5.26 -15.26	86.33 -5.22 -34.24	105.05 -5.68 -41.43	115.72 -5.15 -45.18	103.64 -4.95 -40.80	97.48 -5.06 -38.53	85.75 -4.17 -35.04	79.34 -4.42 -31.73	56.50 -2.56 -5.78	50.69 -2.16 -0.06
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	46.57 -2.30 0.00	44.57 -2.54 0.00	43.22 -2.27 0.00	43.02 -1.84 0.00	44.48 -1.85 0.00	43.15 -2.75 0.00	50.03 -3.53 0.00	52.88 -5.81 0.00	55.58 -6.11 0.00	46.20 -5.13 0.00	50.63 -7.37 0.00	45.42 -6.91 0.00	45.32 -7.44 0.00	40.91 -7.45 5.24	42.87 -8.14 4.38	39.33 -8.14 9.84	48.16 -9.29 11.86	53.52 -9.23 12.94	47.63 -8.47 11.68	44.51 -8.51 10.98	38.51 -7.24 9.12	36.27 -7.13 8.63	45.02 -6.61 1.65	46.41 -6.44 -0.05

SAWYER___23_KV_LOAD 55526	46.57	44.57	43.22	43.02	44.48	43.15	50.03	52.88	55.58	46.20	50.63	45.42	45.32	40.91	42.87	39.33	48.16	53.52	47.63	44.51	38.51	36.27	45.02	46.41
	-2.30	-2.54	-2.27	-1.84	-1.85	-2.75	-3.53	-5.81	-6.11	-5.13	-7.37	-6.91	-7.44	-7.45	-8.14	-8.14	-9.29	-9.23	-8.47	-8.51	-7.24	-7.13	-6.61	-6.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.24	4.38	9.84	11.86	12.94	11.68	10.98	9.12	8.63	1.65	-0.05
SELKIRK___I 23801	50.43	48.67	47.00	46.34	47.86	47.37	55.17	60.45	63.35	52.51	59.62	53.84	54.33	55.21	57.16	63.41	71.59	78.11	70.16	66.51	63.13	64.89	55.37	55.42
	1.56	1.55	1.50	1.48	1.53	1.47	1.61	1.76	1.67	1.18	1.62	1.52	1.58	1.61	1.77	1.89	2.28	2.42	2.37	2.18	1.92	1.82	2.08	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.21	0.00	0.00	0.00	-0.33	-6.33	-11.03	-0.01	-0.40
SELKIRK___II 23799	50.04	48.30	46.64	45.99	47.44	47.00	54.74	59.98	62.98	52.31	59.56	53.74	54.28	54.99	56.94	63.21	71.18	77.66	69.76	66.19	62.84	64.65	55.05	55.10
	1.17	1.18	1.14	1.12	1.11	1.10	1.18	1.29	1.30	0.97	1.57	1.41	1.53	1.39	1.55	1.66	1.87	1.96	1.97	1.86	1.59	1.51	1.76	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.24	0.00	0.00	0.00	-0.33	-6.37	-11.10	-0.01	-0.40
SENECA OSWGO___HYD 24041	47.50	45.80	44.18	43.61	45.08	44.66	52.01	56.87	59.77	49.64	55.85	50.34	50.75	51.62	53.29	55.47	66.82	73.20	65.55	61.78	53.38	50.84	51.31	50.93
	-1.37	-1.32	-1.32	-1.26	-1.25	-1.24	-1.55	-1.82	-1.91	-1.69	-2.14	-1.99	-2.00	-1.98	-2.10	-2.12	-2.49	-2.50	-2.24	-2.24	-1.92	-1.92	-1.97	-1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.00	0.00	-0.02	-0.42	-0.73	0.00	-0.03
SENECA___115KV_TB3 355854	47.01	45.18	43.63	43.56	45.22	44.29	50.83	53.76	56.44	46.87	51.44	45.99	45.90	41.14	43.18	39.63	48.48	53.56	47.87	44.48	38.66	36.35	45.34	46.41
	-1.86	-1.93	-1.87	-1.30	-1.11	-1.61	-2.73	-4.93	-5.24	-4.47	-6.55	-6.33	-6.86	-7.24	-7.87	-7.91	-9.01	-9.24	-8.27	-8.58	-7.19	-7.08	-6.29	-6.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.22	4.35	9.77	11.82	12.89	11.64	10.95	9.04	8.61	1.65	-0.06
SENECA___ENERGY 23797	48.09	46.32	44.68	44.24	45.82	45.35	52.86	57.28	60.02	50.05	55.79	50.23	50.59	52.55	53.83	57.48	69.23	76.06	68.07	64.11	55.64	53.05	51.54	50.89
	-0.78	-0.80	-0.82	-0.63	-0.51	-0.55	-0.70	-1.41	-1.66	-1.28	-2.20	-2.09	-2.17	-2.30	-2.60	-2.64	-2.91	-2.72	-2.51	-2.56	-2.25	-2.34	-2.13	-1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.25	-1.04	-2.81	-2.83	-3.09	-2.79	-2.67	-3.01	-3.36	-0.40
SHOEMAKER___GT 23640	50.68	48.81	47.13	46.39	47.81	47.33	55.33	60.62	63.53	52.77	59.80	53.95	54.55	55.53	57.44	62.69	72.01	78.64	70.64	67.07	62.05	62.67	55.47	55.11
	1.81	1.69	1.64	1.53	1.48	1.42	1.76	1.93	1.85	1.44	1.80	1.62	1.79	1.93	2.05	2.18	2.70	2.95	2.85	2.81	2.36	2.24	2.19	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.20	0.00	0.00	0.00	-0.25	-4.81	-8.40	-0.01	-0.31
SHOEMAKR_138KV_BK 111 55601	50.68	48.72	47.05	46.25	47.72	47.32	55.33	60.56	63.47	52.77	59.85	54.00	54.55	55.53	57.44	62.67	72.01	78.64	70.57	67.07	62.02	62.61	55.47	55.11
	1.81	1.60	1.55	1.39	1.39	1.42	1.77	1.88	1.79	1.44	1.86	1.67	1.79	1.93	2.05	2.18	2.70	2.95	2.78	2.82	2.36	2.24	2.18	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.18	0.00	0.00	0.00	-0.25	-4.78	-8.34	-0.01	-0.30
SHOREHAM_IC_1 23715	65.74	59.55	50.01	49.14	50.65	51.47	64.42	70.11	70.03	55.81	63.34	57.36	58.65	58.81	66.55	71.24	90.31	108.09	103.40	94.64	83.39	75.16	62.81	58.26
	4.93	4.67	4.51	4.26	4.31	4.36	5.25	5.75	5.67	4.46	5.33	5.02	5.22	5.20	5.09	5.56	6.51	5.91	5.35	5.69	4.77	4.52	5.38	5.12
	-11.93	-7.76	-0.01	-0.01	-0.01	-1.20	-5.61	-5.67	-2.67	-0.01	-0.01	-0.01	-0.67	-0.01	-6.07	-8.38	-14.49	-26.49	-30.26	-24.94	-23.74	-18.60	-4.15	-0.34
SHOREHAM_IC_2 23716	65.74	59.50	49.88	49.00	50.56	51.47	64.47	70.10	70.03	55.86	63.40	57.36	58.59	58.86	66.56	71.19	90.31	108.01	103.40	94.64	83.39	75.16	62.81	58.21
	4.94	4.62	4.37	4.13	4.22	4.36	5.30	5.75	5.68	4.52	5.39	5.02	5.17	5.25	5.10	5.50	6.52	5.83	5.36	5.70	4.77	4.53	5.38	5.07
	-11.93	-7.76	-0.01	-0.01	-0.01	-1.20	-5.61	-5.67	-2.67	-0.01	-0.01	-0.01	-0.67	-0.01	-6.07	-8.38	-14.49	-26.49	-30.26	-24.94	-23.74	-18.60	-4.15	-0.34
SISSONVILLE____ 23735	49.41	47.78	46.14	45.45	46.98	46.59	54.47	60.04	63.35	52.87	59.56	53.84	54.23	54.89	56.78	58.40	70.07	76.30	67.99	64.26	55.10	52.87	54.29	53.75
	0.54	0.66	0.64	0.58	0.65	0.69	0.91	1.35	1.67	1.54	1.57	1.52	1.48	1.29	1.38	1.09	0.76	0.61	0.20	0.26	0.22	0.83	1.01	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS1 24169	46.96	45.28	43.68	43.11	44.57	44.11	51.42	56.16	59.03	49.07	55.27	49.82	50.22	51.08	52.73	54.78	66.05	72.29	64.74	61.08	52.69	50.16	50.72	50.39
	-1.91	-1.84	-1.82	-1.75	-1.76	-1.79	-2.14	-2.52	-2.65	-2.26	-2.72	-2.51	-2.53	-2.52	-2.66	-2.75	-3.26	-3.40	-3.05	-2.94	-2.52	-2.44	-2.56	-2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	-0.02	-0.33	-0.57	0.00	-0.02
SITHE_IND_GS2 24170	46.96	45.28	43.68	43.11	44.57	44.11	51.42	56.16	59.03	49.07	55.27	49.82	50.22	51.08	52.73	54.78	66.05	72.29	64.74	61.08	52.69	50.16	50.72	50.39
	-1.91	-1.84	-1.82	-1.75	-1.76	-1.79	-2.14	-2.52	-2.65	-2.26	-2.72	-2.51	-2.53	-2.52	-2.66	-2.75	-3.26	-3.40	-3.05	-2.94	-2.52	-2.44	-2.56	-2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	-0.02	-0.33	-0.57	0.00	-0.02
SITHE_IND_GS3 24171	46.96	45.28	43.68	43.11	44.57	44.11	51.42	56.16	59.03	49.07	55.27	49.82	50.22	51.08	52.73	54.78	66.05	72.29	64.74	61.08	52.69	50.16	50.72	50.39
	-1.91	-1.84	-1.82	-1.75	-1.76	-1.79	-2.14	-2.52	-2.65	-2.26	-2.72	-2.51	-2.53	-2.52	-2.66	-2.75	-3.26	-3.40	-3.05	-2.94	-2.52	-2.44	-2.56	-2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	-0.02	-0.33	-0.57	0.00	-0.02
SITHE_IND_GS4 24172	46.96	45.28	43.68	43.11	44.57	44.11	51.42	56.16	59.03	49.07	55.27	49.82	50.22	51.08	52.73	54.78	66.05	72.29	64.74	61.08	52.69	50.16	50.72	50.39
	-1.91	-1.84	-1.82	-1.75	-1.76	-1.79	-2.14	-2.52	-2.65	-2.26	-2.72	-2.51	-2.53	-2.52	-2.66	-2.75	-3.26	-3.40	-3.05	-2.94	-2.52	-2.44	-2.56	-2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	-0.02	-0.33	-0.57	0.00	-0.02

SITHE___BATAVIA 24024	47.94 -0.93 0.00	46.13 -0.99 0.00	44.45 -1.04 0.00	44.24 -0.63 0.00	45.78 -0.55 0.00	44.89 -1.01 0.00	51.58 -1.98 0.00	54.93 -3.76 0.00	57.80 -3.88 0.00	48.00 -3.34 0.00	52.78 -5.22 0.00	47.14 -5.18 0.00	47.22 -5.54 0.00	45.86 -4.98 2.76	47.41 -5.70 2.28	46.71 -5.56 5.04	57.10 -5.96 6.25	63.19 -5.68 6.82	56.27 -5.36 6.16	52.65 -5.57 5.78	45.76 -4.61 4.51	42.89 -4.84 4.31	47.72 -4.69 0.87	48.46 -4.38 -0.05
SITHE___INDEPEND 23800	46.92 -1.95 0.00	45.28 -1.84 0.00	43.72 -1.77 0.00	43.11 -1.75 0.00	44.57 -1.76 0.00	44.07 -1.84 0.00	51.42 -2.14 0.00	56.16 -2.52 0.00	59.03 -2.65 0.00	49.07 -2.26 0.00	55.27 -2.73 0.00	49.81 -2.51 0.00	50.22 -2.53 0.00	51.08 -2.52 0.00	52.73 -2.66 0.00	54.78 -2.75 -0.22	66.05 -3.26 0.00	72.29 -3.41 0.00	64.74 -3.05 0.00	61.08 -2.94 -0.02	52.69 -2.52 -0.33	50.16 -2.45 -0.57	50.72 -2.56 0.00	50.44 -2.38 -0.02
SITHE___MASSENA 23902	49.41 0.54 0.00	47.73 0.61 0.00	46.09 0.59 0.00	45.45 0.58 0.00	46.98 0.65 0.00	46.54 0.64 0.00	54.47 0.91 0.00	59.80 1.11 0.00	63.04 1.36 0.00	52.62 1.28 0.00	59.33 1.33 0.00	53.63 1.31 0.00	53.86 1.11 0.00	54.73 1.13 0.00	56.56 1.17 0.00	58.39 1.09 0.00	70.56 1.25 0.00	76.75 1.06 0.00	68.54 0.75 0.00	64.71 0.71 0.00	55.54 0.66 0.00	52.92 0.88 0.00	54.19 0.90 0.00	53.64 0.84 0.00
SITHE___OGDNSBRG 24021	50.09 1.22 0.00	48.48 1.37 0.00	46.82 1.32 0.00	46.12 1.26 0.00	47.67 1.34 0.00	47.28 1.38 0.00	55.22 1.66 0.00	60.86 2.17 0.00	64.09 2.41 0.00	53.33 2.00 0.00	60.03 2.03 0.00	54.26 1.94 0.00	54.65 1.90 0.00	55.37 1.77 0.00	57.28 1.88 0.00	59.14 1.83 0.00	71.39 2.08 0.00	77.81 2.12 0.00	69.35 1.56 0.00	65.54 1.54 0.00	56.20 1.32 0.00	53.70 1.67 0.00	55.04 1.76 0.00	54.49 1.69 0.00
SITHE___STERLING 23777	49.80 0.93 0.00	48.11 0.99 0.00	46.46 0.96 0.00	45.81 0.94 0.00	47.40 1.07 0.00	47.00 1.10 0.00	54.90 1.34 0.00	60.21 1.52 0.00	63.23 1.54 0.00	52.46 1.13 0.00	58.98 0.98 0.00	53.11 0.79 0.00	53.49 0.74 0.00	54.41 0.81 0.00	56.22 0.83 0.00	58.31 0.80 -0.20	70.28 0.97 0.00	76.98 1.29 0.00	68.87 1.08 0.00	64.92 0.90 -0.02	55.89 0.71 -0.30	53.23 0.67 -0.52	53.92 0.64 0.00	53.45 0.64 -0.02
SLEIGHT__34_KV_TB1 80719	47.60 -1.27 0.00	45.80 -1.32 0.00	44.27 -1.23 0.00	43.79 -1.08 0.00	45.26 -1.07 0.00	44.52 -1.38 0.00	52.06 -1.50 0.00	56.46 -2.23 0.00	59.40 -2.28 0.00	49.33 -2.00 0.00	54.98 -3.02 0.00	49.40 -2.93 0.00	49.75 -3.01 0.00	50.71 -2.89 0.00	52.12 -3.27 0.00	54.52 -3.21 -0.42	65.78 -3.53 0.00	72.44 -3.25 0.00	64.60 -3.19 0.00	60.84 -3.20 -0.03	52.84 -2.69 -0.64	50.22 -2.91 -1.09	50.24 -3.04 0.00	50.36 -2.48 -0.04
SMITHTWN_69_KV_BK 1 55830	65.34 4.50 -11.98	59.06 4.15 -7.79	49.47 3.96 -0.01	48.60 3.72 -0.01	50.14 3.80 -0.01	51.01 3.90 -1.21	63.96 4.77 -5.63	69.54 5.16 -5.69	69.49 5.12 -2.68	55.55 4.21 -0.01	63.05 5.05 -0.01	56.99 4.66 -0.01	58.22 4.80 -0.67	58.54 4.93 -0.01	66.58 5.10 -6.09	71.15 5.44 -8.39	90.58 6.72 -14.54	109.09 6.81 -26.58	104.46 6.30 -30.37	95.31 6.27 -25.03	83.95 5.27 -23.80	75.61 4.94 -18.63	62.67 5.22 -4.17	58.05 4.91 -0.34
SOUTH CAIRO___GT 23612	52.14 3.27 0.00	50.42 3.30 0.00	48.59 3.09 0.00	47.91 3.05 0.00	49.57 3.24 0.00	49.16 3.26 0.00	57.04 3.48 0.00	62.15 3.46 0.00	65.08 3.39 0.00	53.33 2.00 0.00	60.20 2.20 0.00	54.11 1.78 0.00	54.71 1.95 0.00	55.91 2.30 0.00	57.94 2.55 0.00	64.16 2.75 -4.10	73.40 4.09 0.00	80.39 4.69 0.00	72.26 4.47 0.00	68.55 4.22 -0.32	64.23 3.18 -6.16	65.86 3.07 -10.75	56.81 3.52 -0.01	56.51 3.33 -0.39
SOUTH HAMPTN___IC 23720	66.26 5.47 -11.92	60.05 5.18 -7.75	50.51 5.00 -0.01	49.63 4.75 -0.01	51.20 4.86 -0.01	51.97 4.86 -1.20	65.06 5.89 -5.60	70.74 6.40 -5.66	70.71 6.35 -2.67	56.32 4.98 -0.01	63.92 5.92 -0.01	57.83 5.49 -0.01	59.17 5.75 -0.67	59.35 5.74 -0.01	67.21 5.76 -6.06	71.87 6.19 -8.37	91.13 7.34 -14.47	109.19 7.04 -26.46	104.46 6.44 -30.22	95.58 6.66 -24.92	84.14 5.54 -23.72	75.83 5.20 -18.59	63.39 5.97 -4.15	58.84 5.70 -0.34
SOUTHDOW_115KV_TB1 355954	47.60 -1.27 0.00	45.56 -1.55 0.00	43.82 -1.68 0.00	44.01 -0.85 0.00	45.91 -0.42 0.00	44.94 -0.96 0.00	52.65 -0.91 0.00	55.81 -2.88 0.00	58.17 -3.52 0.00	48.05 -3.29 0.00	52.78 -5.22 0.00	47.15 -5.18 0.00	46.21 -6.54 0.00	44.18 -6.70 2.72	45.87 -7.26 2.27	44.90 -7.28 5.13	54.90 -8.25 6.16	60.72 -8.25 6.72	54.33 -7.39 6.07	50.45 -7.87 5.68	43.14 -7.46 4.27	40.22 -7.49 4.32	45.98 -6.45 0.86	45.52 -7.34 -0.06
SOUTHOLD_69_KV_BK 2 55809	67.09 6.30 -11.92	60.76 5.89 -7.75	51.15 5.64 -0.01	50.21 5.34 -0.01	51.85 5.51 -0.01	52.75 5.65 -1.20	66.02 6.86 -5.60	71.80 7.45 -5.66	71.76 7.40 -2.67	57.09 5.75 -0.01	64.85 6.84 -0.01	58.61 6.28 -0.01	59.86 6.44 -0.67	60.20 6.59 -0.01	68.10 6.65 -6.06	72.79 7.11 -8.37	92.38 8.59 -14.47	110.71 8.55 -26.46	105.81 7.80 -30.22	96.67 7.74 -24.92	85.02 6.42 -23.72	76.66 6.04 -18.59	64.19 6.77 -4.15	59.58 6.44 -0.34
SOUTHOLD___IC 23719	67.10 6.31 -11.92	60.86 5.98 -7.75	51.24 5.73 -0.01	50.34 5.47 -0.01	51.94 5.60 -0.01	52.75 5.64 -1.20	66.02 6.86 -5.60	71.80 7.45 -5.66	71.75 7.40 -2.67	57.09 5.75 -0.01	64.85 6.84 -0.01	58.61 6.28 -0.01	59.96 6.54 -0.67	60.15 6.54 -0.01	68.10 6.64 -6.06	72.78 7.10 -8.37	92.38 8.59 -14.47	110.70 8.55 -26.46	105.81 7.79 -30.22	96.66 7.74 -24.92	85.02 6.42 -23.72	76.66 6.03 -18.59	64.20 6.77 -4.15	59.63 6.49 -0.34
SOUTH_FORK_WT_PWR 323839	67.14 6.35 -11.92	60.90 6.03 -7.75	51.29 5.78 -0.01	50.39 5.52 -0.01	51.99 5.65 -0.01	52.79 5.69 -1.20	66.08 6.91 -5.60	71.86 7.51 -5.66	71.82 7.46 -2.67	57.09 5.75 -0.01	64.85 6.84 -0.01	58.61 6.28 -0.01	60.01 6.59 -0.67	60.20 6.59 -0.01	68.15 6.70 -6.06	72.84 7.16 -8.37	92.38 8.59 -14.47	110.78 8.63 -26.46	105.81 7.79 -30.22	96.73 7.81 -24.92	85.02 6.42 -23.72	76.71 6.09 -18.59	64.25 6.82 -4.15	59.69 6.55 -0.34
SPIERFLS_115KV_TB 1 80737	50.53 1.66 0.00	49.00 1.88 0.00	47.23 1.73 0.00	46.57 1.70 0.00	48.28 1.95 0.00	47.97 2.07 0.00	55.76 2.20 0.00	61.39 2.70 0.00	64.03 2.34 0.00	52.98 1.64 0.00	59.91 1.91 0.00	53.95 1.62 0.00	54.49 1.74 0.00	55.32 1.72 0.00	57.44 2.05 0.00	64.09 2.35 -4.43	72.01 2.70 0.00	78.80 3.10 0.00	70.70 2.91 0.00	67.04 2.69 -0.35	63.79 2.25 -6.66	65.89 2.24 -11.62	55.64 2.34 -0.01	55.70 2.48 -0.42
ST LAWRENCE____ 23600	48.72 -0.15 0.00	47.02 -0.09 0.00	45.41 -0.09 0.00	44.77 -0.09 0.00	46.24 -0.09 0.00	45.86 -0.05 0.00	53.61 0.05 0.00	58.92 0.24 0.00	62.12 0.43 0.00	51.85 0.51 0.00	58.52 0.52 0.00	52.85 0.52 0.00	53.17 0.42 0.00	53.98 0.38 0.00	55.78 0.39 0.00	57.65 0.35 0.00	69.66 0.35 0.00	75.84 0.15 0.00	67.79 0.00 0.00	64.00 0.00 0.00	54.88 0.00 0.00	52.19 0.16 0.00	53.39 0.11 0.00	52.85 0.05 0.00

STATE_CA_115KV_115_LB 55624	50.63 1.76 0.00	48.91 1.79 0.00	47.23 1.73 0.00	46.57 1.70 0.00	48.04 1.71 0.00	47.69 1.79 0.00	55.11 1.55 0.00	60.39 1.70 0.00	63.29 1.60 0.00	52.62 1.28 0.00	60.03 2.03 0.00	54.16 1.83 0.00	54.65 1.90 0.00	55.37 1.77 0.00	57.33 1.94 0.00	63.65 2.06 -4.28	71.67 2.36 0.00	78.19 2.50 0.00	70.23 2.44 0.00	66.71 2.37 -0.33	63.34 2.03 -6.43	65.16 1.93 -11.20	55.58 2.29 -0.01	55.74 2.53 -0.41
STATE_ST_34_KV_LOAD 55959	48.48 -0.39 0.00	46.69 -0.42 0.00	45.09 -0.41 0.00	44.59 -0.27 0.00	46.10 -0.23 0.00	45.58 -0.32 0.00	53.29 -0.27 0.00	58.10 -0.59 0.00	61.01 -0.68 0.00	50.67 -0.67 0.00	56.72 -1.28 0.00	51.07 -1.26 0.00	51.49 -1.27 0.00	52.26 -1.34 0.00	53.95 -1.44 0.00	56.68 -1.43 -0.80	67.79 -1.52 0.00	74.48 -1.21 0.00	66.64 -1.15 0.00	62.76 -1.28 -0.03	54.45 -1.10 -0.67	52.63 -1.25 -1.85	52.06 -1.23 0.00	51.73 -1.11 -0.04
STATION_5_MISC_HYD 23604	47.60 -1.27 0.00	45.85 -1.27 0.00	44.23 -1.27 0.00	43.83 -1.03 0.00	45.31 -1.02 0.00	44.57 -1.33 0.00	51.63 -1.93 0.00	55.75 -2.93 0.00	58.66 -3.02 0.00	48.77 -2.57 0.00	54.17 -3.83 0.00	48.61 -3.71 0.00	48.80 -3.96 0.00	49.90 -3.70 0.00	51.13 -4.26 0.00	53.25 -4.18 -0.13	64.74 -4.58 0.00	71.38 -4.31 0.00	63.65 -4.14 0.00	59.94 -4.10 -0.03	52.09 -3.46 -0.66	48.92 -3.64 -0.53	49.50 -3.78 0.00	49.83 -3.01 -0.04
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.89 -0.98 0.00	46.13 -0.99 0.00	44.54 -0.96 0.00	44.10 -0.76 0.00	45.59 -0.74 0.00	44.85 -1.06 0.00	52.38 -1.18 0.00	56.75 -1.94 0.00	59.59 -2.10 0.00	49.54 -1.80 0.00	55.15 -2.84 0.00	49.61 -2.72 0.00	49.85 -2.90 0.00	50.76 -2.84 0.00	52.18 -3.21 0.00	54.20 -3.21 -0.10	65.78 -3.53 0.00	72.51 -3.18 0.00	64.67 -3.12 0.00	60.90 -3.14 -0.03	52.90 -2.63 -0.66	49.67 -2.86 -0.50	50.40 -2.88 0.00	50.51 -2.32 -0.04
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.31 -1.56 0.00	45.47 -1.65 0.00	43.95 -1.55 0.00	43.52 -1.35 0.00	44.94 -1.39 0.00	44.02 -1.88 0.00	51.36 -2.20 0.00	55.52 -3.17 0.00	58.42 -3.27 0.00	48.56 -2.77 0.00	53.94 -4.06 0.00	48.45 -3.87 0.00	48.69 -4.06 0.00	49.74 -3.86 0.00	51.08 -4.32 0.00	53.19 -4.24 -0.13	64.53 -4.78 0.00	71.23 -4.47 0.00	63.45 -4.34 0.00	59.75 -4.29 -0.03	51.92 -3.62 -0.66	48.77 -3.80 -0.53	49.34 -3.94 0.00	49.67 -3.17 -0.04
STA_56___34_KV_BUS2 355983	47.31 -1.56 0.00	45.47 -1.65 0.00	43.95 -1.55 0.00	43.52 -1.35 0.00	44.94 -1.39 0.00	44.02 -1.88 0.00	51.36 -2.20 0.00	55.52 -3.17 0.00	58.42 -3.27 0.00	48.56 -2.77 0.00	53.94 -4.06 0.00	48.45 -3.87 0.00	48.69 -4.06 0.00	49.74 -3.86 0.00	51.08 -4.32 0.00	53.19 -4.24 -0.13	64.53 -4.78 0.00	71.23 -4.47 0.00	63.45 -4.34 0.00	59.75 -4.29 -0.03	51.92 -3.62 -0.66	48.77 -3.80 -0.53	49.34 -3.94 0.00	49.67 -3.17 -0.04
STA_67___115KV_BK2 355882	47.50 -1.37 0.00	45.66 -1.46 0.00	44.13 -1.36 0.00	43.70 -1.17 0.00	45.13 -1.20 0.00	44.20 -1.70 0.00	51.58 -1.98 0.00	55.63 -3.05 0.00	58.54 -3.15 0.00	48.61 -2.72 0.00	53.94 -4.06 0.00	48.51 -3.82 0.00	48.69 -4.06 0.00	49.74 -3.86 0.00	51.02 -4.38 0.00	53.19 -4.24 -0.13	64.60 -4.71 0.00	71.30 -4.39 0.00	63.52 -4.27 0.00	59.75 -4.29 -0.03	51.98 -3.57 -0.66	48.82 -3.75 -0.53	49.39 -3.89 0.00	49.78 -3.06 -0.04
STA_7___115KV_9TRANS 80674	47.79 -1.08 0.00	45.94 -1.18 0.00	44.41 -1.09 0.00	43.97 -0.90 0.00	45.40 -0.93 0.00	44.48 -1.42 0.00	51.90 -1.66 0.00	56.05 -2.64 0.00	59.03 -2.65 0.00	49.02 -2.31 0.00	54.40 -3.60 0.00	48.87 -3.45 0.00	49.06 -3.69 0.00	50.17 -3.43 0.00	51.46 -3.93 0.00	53.59 -3.84 -0.13	65.15 -4.16 0.00	71.91 -3.78 0.00	64.06 -3.73 0.00	60.26 -3.78 -0.03	52.42 -3.13 -0.66	49.13 -3.43 -0.53	49.76 -3.52 0.00	50.09 -2.75 -0.04
STA_82___115KV_TB1 80780	47.45 -1.42 0.00	45.61 -1.51 0.00	44.13 -1.36 0.00	43.70 -1.17 0.00	45.13 -1.20 0.00	44.16 -1.74 0.00	51.53 -2.04 0.00	55.58 -3.11 0.00	58.48 -3.21 0.00	48.56 -2.77 0.00	53.94 -4.06 0.00	48.45 -3.87 0.00	48.64 -4.11 0.00	49.74 -3.86 0.00	50.97 -4.43 -0.01	53.14 -4.30 -0.13	64.53 -4.78 0.00	71.23 -4.47 0.00	63.45 -4.34 0.00	59.75 -4.29 -0.03	51.92 -3.62 -0.66	48.76 -3.80 -0.53	49.39 -3.89 0.00	49.72 -3.12 -0.04
STEEL___WIND 323596	46.96 -1.91 0.00	45.09 -2.02 0.00	43.54 -1.96 0.00	43.52 -1.34 0.00	45.13 -1.20 0.00	44.20 -1.70 0.00	50.77 -2.79 0.00	53.70 -4.99 0.00	56.32 -5.37 0.00	46.81 -4.52 0.00	51.38 -6.61 0.00	45.94 -6.39 0.00	45.84 -6.91 0.00	41.09 -7.29 5.22	43.07 -7.98 4.35	39.57 -7.96 9.77	48.41 -9.08 11.82	53.49 -9.31 12.89	47.74 -8.41 11.64	44.42 -8.64 10.95	38.55 -7.30 9.04	36.30 -7.13 8.61	45.29 -6.34 1.65	46.30 -6.55 -0.06
STEPHTWN_115KV_BK_2 55603	50.92 2.05 0.00	49.19 2.07 0.00	47.50 2.00 0.00	46.84 1.97 0.00	48.37 2.04 0.00	48.01 2.11 0.00	55.54 1.98 0.00	60.92 2.23 0.00	63.78 2.10 0.00	52.98 1.64 0.00	60.37 2.38 0.00	54.47 2.15 0.00	54.92 2.16 0.00	55.64 2.04 0.00	57.66 2.27 0.00	64.03 2.46 -4.26	72.15 2.84 0.00	78.80 3.10 0.00	70.84 3.05 0.00	67.22 2.88 -0.33	63.75 2.47 -6.40	65.48 2.29 -11.16	55.95 2.66 -0.01	56.05 2.85 -0.41
STEUBEN_REC_LFGE 323667	47.45 -1.42 0.00	45.52 -1.60 0.00	44.13 -1.36 0.00	44.06 -0.81 0.00	45.96 -0.37 0.00	45.49 -0.41 0.00	53.56 0.00 0.00	57.40 -1.29 0.00	59.96 -1.73 0.00	49.54 -1.80 0.00	54.34 -3.65 0.00	48.72 -3.61 0.00	48.74 -4.01 0.00	60.94 -4.61 -11.94	60.03 -5.32 -9.95	72.71 -5.56 -20.96	90.03 -6.31 -27.03	98.96 -6.21 -29.47	88.71 -5.69 -26.62	83.35 -5.82 -25.17	73.21 -5.05 -23.37	65.27 -5.10 -18.34	52.74 -4.32 -3.77	48.28 -4.59 -0.07
STILLWATER___SOLAR 323814	51.02 2.15 0.00	49.29 2.17 0.00	47.55 2.05 0.00	46.88 2.02 0.00	48.51 2.18 0.00	48.10 2.20 0.00	56.03 2.47 0.00	61.56 2.87 0.00	64.34 2.65 0.00	53.28 1.95 0.00	60.26 2.26 0.00	54.36 2.04 0.00	54.92 2.16 0.00	55.85 2.25 0.00	57.94 2.55 0.00	64.52 2.81 -4.41	72.64 3.33 0.00	79.33 3.63 0.00	71.24 3.46 0.00	67.55 3.20 -0.34	64.25 2.74 -6.62	66.18 2.60 -11.55	56.06 2.77 -0.01	56.01 2.80 -0.42
STONY___BROOK 24151	65.32 4.49 -11.96	59.14 4.24 -7.78	49.56 4.05 -0.01	48.73 3.86 -0.01	50.23 3.89 -0.01	51.01 3.90 -1.21	63.90 4.71 -5.62	69.53 5.17 -5.68	69.48 5.12 -2.68	55.50 4.16 -0.01	62.99 4.99 -0.01	56.99 4.66 -0.01	58.33 4.91 -0.67	58.49 4.88 -0.01	66.51 5.04 -6.08	71.14 5.45 -8.39	90.49 6.65 -14.52	108.97 6.73 -26.55	104.28 6.17 -30.32	95.15 6.15 -25.00	83.82 5.16 -23.78	75.49 4.84 -18.62	62.67 5.22 -4.16	58.05 4.91 -0.34
STURGEON_POOL_HYD 23609	51.17 2.30 0.00	49.19 2.07 0.00	47.46 1.96 0.00	46.66 1.79 0.00	48.14 1.81 0.00	47.74 1.84 0.00	55.92 2.36 0.00	61.15 2.46 0.00	64.21 2.53 0.00	53.18 1.85 0.00	60.26 2.26 0.00	54.42 2.09 0.00	54.97 2.22 0.00	56.12 2.52 0.00	58.05 2.66 0.00	63.60 2.69 -3.59	72.85 3.53 0.00	79.55 3.86 0.00	71.45 3.66 0.00	67.93 3.65 -0.28	63.19 2.91 -5.40	64.21 2.76 -9.42	56.06 2.77 -0.01	55.57 2.43 -0.34

ST_LAW_115_BK7_LBMP 345037	48.72 -0.15 0.00	47.07 -0.05 0.00	45.45 -0.05 0.00	44.82 -0.04 0.00	46.28 -0.05 0.00	45.90 0.00 0.00	53.67 0.11 0.00	58.98 0.29 0.00	62.18 0.49 0.00	51.90 0.57 0.00	58.58 0.58 0.00	52.90 0.58 0.00	53.23 0.47 0.00	54.03 0.43 0.00	55.89 0.50 0.00	57.71 0.40 0.00	69.73 0.42 0.00	75.92 0.23 0.00	67.79 0.00 0.00	64.07 0.06 0.00	54.94 0.05 0.00	52.24 0.21 0.00	53.44 0.16 0.00	52.96 0.16 0.00
ST_LAW_115_BK8_LBMP 345038	48.72 -0.15 0.00	47.07 -0.05 0.00	45.45 -0.05 0.00	44.82 -0.04 0.00	46.28 -0.05 0.00	45.90 0.00 0.00	53.67 0.11 0.00	58.98 0.29 0.00	62.18 0.49 0.00	51.90 0.57 0.00	58.58 0.58 0.00	52.90 0.58 0.00	53.23 0.47 0.00	54.03 0.43 0.00	55.89 0.50 0.00	57.71 0.40 0.00	69.73 0.42 0.00	75.92 0.23 0.00	67.79 0.00 0.00	64.07 0.06 0.00	54.94 0.05 0.00	52.24 0.21 0.00	53.44 0.16 0.00	52.96 0.16 0.00
ST_LAW_230_BK5_LBMP 345035	48.72 -0.15 0.00	47.02 -0.09 0.00	45.41 -0.09 0.00	44.77 -0.09 0.00	46.24 -0.09 0.00	45.86 -0.05 0.00	53.61 0.05 0.00	58.92 0.24 0.00	62.12 0.43 0.00	51.85 0.51 0.00	58.52 0.52 0.00	52.85 0.52 0.00	53.17 0.42 0.00	53.98 0.38 0.00	55.78 0.39 0.00	57.65 0.35 0.00	69.66 0.35 0.00	75.84 0.15 0.00	67.79 0.00 0.00	64.00 0.00 0.00	54.88 0.00 0.00	52.19 0.16 0.00	53.39 0.11 0.00	52.85 0.05 0.00
ST_LAW_230_BK6_LBMP 345036	48.72 -0.15 0.00	47.02 -0.09 0.00	45.41 -0.09 0.00	44.77 -0.09 0.00	46.24 -0.09 0.00	45.86 -0.05 0.00	53.61 0.05 0.00	58.92 0.24 0.00	62.12 0.43 0.00	51.85 0.51 0.00	58.52 0.52 0.00	52.85 0.52 0.00	53.17 0.42 0.00	53.98 0.38 0.00	55.78 0.39 0.00	57.65 0.35 0.00	69.66 0.35 0.00	75.84 0.15 0.00	67.79 0.00 0.00	64.00 0.00 0.00	54.88 0.00 0.00	52.19 0.16 0.00	53.39 0.11 0.00	52.85 0.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.87 2.00 0.00	48.91 1.79 0.00	47.23 1.73 0.00	46.43 1.57 0.00	47.86 1.53 0.00	47.46 1.56 0.00	55.54 1.98 0.00	60.80 2.11 0.00	63.72 2.04 0.00	52.98 1.64 0.00	60.14 2.15 0.00	54.31 1.99 0.00	54.86 2.11 0.00	55.85 2.25 0.00	57.77 2.38 0.00	63.11 2.52 -3.28	72.36 3.05 0.00	79.02 3.33 0.00	70.98 3.19 0.00	67.40 3.14 -0.26	62.43 2.63 -4.92	63.12 2.50 -8.58	55.74 2.45 -0.01	55.43 2.32 -0.31
SWANROAD_115KV_TB1 355699	46.38 -2.49 0.00	44.38 -2.73 0.00	43.09 -2.41 0.00	42.80 -2.06 0.00	44.25 -2.08 0.00	42.83 -3.08 0.00	49.22 -4.34 0.00	51.64 -7.04 0.00	54.35 -7.34 0.00	45.17 -6.16 0.00	49.47 -8.53 0.00	44.37 -7.95 0.00	44.31 -8.44 0.00	41.88 -7.72 4.01	43.62 -8.47 3.29	41.55 -8.42 7.33	50.72 -9.50 9.10	56.30 -9.46 9.93	50.08 -8.74 8.96	46.86 -8.70 8.44	40.65 -7.35 6.88	38.29 -7.23 6.51	45.14 -6.87 1.27	45.77 -7.07 -0.05
SYNERGY___BIOGAS 323694	47.89 -0.98 0.00	45.94 -1.18 0.00	44.50 -1.00 0.00	44.15 -0.72 0.00	45.68 -0.65 0.00	44.43 -1.47 0.00	51.58 -1.98 0.00	54.93 -3.76 0.00	57.80 -3.89 0.00	47.89 -3.44 0.00	52.66 -5.34 0.00	47.15 -5.18 0.00	47.21 -5.54 0.00	45.81 -5.04 2.76	47.41 -5.71 2.28	46.71 -5.56 5.04	57.03 -6.03 6.25	63.35 -5.53 6.82	56.28 -5.36 6.16	52.65 -5.57 5.78	45.76 -4.61 4.51	42.89 -4.84 4.31	47.77 -4.64 0.87	48.46 -4.38 -0.05
SYRACUSE___ENERGY_ST1 323597	48.19 -0.68 0.00	46.46 -0.66 0.00	44.86 -0.64 0.00	44.28 -0.58 0.00	45.77 -0.56 0.00	45.26 -0.64 0.00	52.86 -0.70 0.00	57.69 -1.00 0.00	60.64 -1.05 0.00	50.36 -0.98 0.00	56.60 -1.39 0.00	51.02 -1.31 0.00	51.43 -1.32 0.00	52.26 -1.34 0.00	53.95 -1.44 0.00	56.23 -1.43 -0.36	67.65 -1.66 0.00	74.18 -1.51 0.00	66.43 -1.36 0.00	62.62 -1.41 -0.03	54.15 -1.26 -0.54	51.67 -1.30 -0.93	51.95 -1.33 0.00	51.62 -1.21 -0.03
SYRACUSE___ENERGY_ST2 323598	48.19 -0.68 0.00	46.46 -0.66 0.00	44.86 -0.64 0.00	44.28 -0.58 0.00	45.77 -0.56 0.00	45.26 -0.64 0.00	52.86 -0.70 0.00	57.69 -1.00 0.00	60.64 -1.05 0.00	50.36 -0.98 0.00	56.60 -1.39 0.00	51.02 -1.31 0.00	51.43 -1.32 0.00	52.26 -1.34 0.00	53.95 -1.44 0.00	56.23 -1.43 -0.36	67.65 -1.66 0.00	74.18 -1.51 0.00	66.43 -1.36 0.00	62.62 -1.41 -0.03	54.15 -1.26 -0.54	51.67 -1.30 -0.93	51.95 -1.33 0.00	51.62 -1.21 -0.03
SYRACUSE___POWER 24017	48.14 -0.73 0.00	46.41 -0.71 0.00	44.82 -0.68 0.00	44.24 -0.63 0.00	45.73 -0.60 0.00	45.21 -0.69 0.00	52.76 -0.80 0.00	57.63 -1.06 0.00	60.51 -1.17 0.00	50.25 -1.08 0.00	56.49 -1.51 0.00	50.91 -1.41 0.00	51.33 -1.42 0.00	52.15 -1.45 0.00	53.90 -1.50 0.00	56.35 -1.55 -0.59	67.58 -1.73 0.00	74.10 -1.59 0.00	66.30 -1.49 0.00	62.56 -1.47 -0.03	54.12 -1.32 -0.56	52.07 -1.35 -1.39	51.90 -1.39 0.00	51.51 -1.32 -0.04
TALLMAN__138KV_BK151 55660	51.07 2.20 0.00	49.05 1.93 0.00	47.41 1.91 0.00	46.57 1.70 0.00	48.00 1.67 0.00	47.65 1.74 0.00	55.76 2.20 0.00	61.09 2.41 0.00	63.91 2.22 0.00	53.23 1.90 0.00	60.49 2.49 0.00	54.63 2.30 0.00	55.18 2.43 0.00	56.17 2.57 0.00	58.11 2.71 0.00	63.49 2.81 -3.37	72.78 3.47 0.00	79.40 3.71 0.00	71.31 3.53 0.00	67.79 3.52 -0.26	62.90 2.96 -5.06	63.67 2.81 -8.83	56.06 2.77 -0.01	55.70 2.59 -0.32
TEALLAVE_115KV_TB7 355573	47.94 -0.93 0.00	46.22 -0.90 0.00	44.63 -0.86 0.00	44.06 -0.81 0.00	45.54 -0.79 0.00	45.03 -0.87 0.00	52.49 -1.07 0.00	57.28 -1.41 0.00	60.21 -1.48 0.00	50.00 -1.33 0.00	56.20 -1.80 0.00	50.65 -1.67 0.00	51.07 -1.69 0.00	51.94 -1.66 0.00	53.62 -1.77 0.00	55.78 -1.83 -0.31	67.23 -2.08 0.00	73.65 -2.04 0.00	65.96 -1.83 0.00	62.17 -1.86 -0.02	53.76 -1.59 -0.47	51.23 -1.61 -0.81	51.63 -1.65 0.00	51.24 -1.58 -0.03
TELGRAPH_34_KV_EAST 80808	47.21 -1.66 0.00	45.23 -1.88 0.00	43.86 -1.64 0.00	43.56 -1.30 0.00	45.03 -1.30 0.00	43.74 -2.16 0.00	50.56 -3.00 0.00	53.58 -5.11 0.00	56.38 -5.30 0.00	46.76 -4.57 0.00	51.33 -6.67 0.00	45.99 -6.33 0.00	46.00 -6.75 0.00	44.06 -6.22 3.32	45.72 -6.92 2.75	44.39 -6.82 6.10	54.15 -7.62 7.53	60.06 -7.42 8.22	53.39 -6.98 7.42	49.99 -7.04 6.97	43.44 -5.87 5.57	40.75 -5.98 5.30	46.53 -5.70 1.05	47.30 -5.54 -0.05
TEMPLE___115KV_TB 2 55572	47.94 -0.93 0.00	46.22 -0.90 0.00	44.63 -0.86 0.00	44.06 -0.81 0.00	45.54 -0.79 0.00	45.03 -0.87 0.00	52.49 -1.07 0.00	57.28 -1.41 0.00	60.21 -1.48 0.00	50.00 -1.33 0.00	56.20 -1.80 0.00	50.65 -1.67 0.00	51.07 -1.69 0.00	51.94 -1.66 0.00	53.62 -1.77 0.00	55.85 -1.78 -0.31	67.23 -2.08 0.00	73.72 -1.97 0.00	65.96 -1.83 0.00	62.24 -1.79 -0.02	53.76 -1.59 -0.47	51.24 -1.61 -0.82	51.63 -1.65 0.00	51.30 -1.53 -0.03
TIANA____69_KV_BK 1 55817	66.07 5.28 -11.92	59.82 4.95 -7.75	50.24 4.73 -0.01	49.31 4.44 -0.01	50.93 4.59 -0.01	51.79 4.68 -1.20	64.90 5.73 -5.60	70.57 6.22 -5.66	70.52 6.17 -2.67	56.17 4.83 -0.01	63.75 5.74 -0.01	57.67 5.34 -0.01	58.96 5.54 -0.67	59.24 5.63 -0.01	67.05 5.59 -6.06	71.64 5.96 -8.37	90.92 7.14 -14.47	108.97 6.81 -26.46	104.25 6.24 -30.22	95.32 6.40 -24.92	83.98 5.38 -23.72	75.67 5.05 -18.59	63.24 5.81 -4.15	58.63 5.49 -0.34

TILDEN___115KV_TB1 80814	48.14 -0.73 0.00	46.41 -0.71 0.00	44.82 -0.68 0.00	44.24 -0.63 0.00	45.73 -0.60 0.00	45.21 -0.69 0.00	52.76 -0.80 0.00	57.63 -1.06 0.00	60.51 -1.17 0.00	50.25 -1.08 0.00	56.49 -1.51 0.00	50.91 -1.41 0.00	51.33 -1.42 0.00	52.15 -1.45 0.00	53.90 -1.50 0.00	56.35 -1.55 -0.59	67.58 -1.73 0.00	74.10 -1.59 0.00	66.30 -1.49 0.00	62.56 -1.47 -0.03	54.12 -1.32 -0.56	52.07 -1.35 -1.39	51.90 -1.39 0.00	51.51 -1.32 -0.04
TRIGEN___CC 323695	72.75 3.27 -20.61	63.54 3.02 -13.41	48.38 2.87 -0.02	47.66 2.78 -0.02	49.08 2.73 -0.02	50.73 2.75 -2.08	66.62 3.37 -9.69	72.11 3.64 -9.79	69.94 3.64 -4.62	54.48 3.13 -0.02	61.84 3.83 -0.02	55.90 3.56 -0.02	57.60 3.69 -1.15	57.42 3.81 -0.02	69.86 3.99 -10.48	73.41 4.18 -11.92	99.46 5.13 -25.02	126.74 5.30 -45.75	125.06 5.02 -52.26	111.82 4.93 -42.88	96.22 4.17 -37.17	81.44 3.95 -25.45	64.49 4.05 -7.16	57.00 3.85 -0.35
TRINITY___115KV___4 BK 55933	50.43 1.56 0.00	48.67 1.55 0.00	47.05 1.55 0.00	46.34 1.48 0.00	47.86 1.53 0.00	47.46 1.56 0.00	54.90 1.34 0.00	60.15 1.47 0.00	63.10 1.42 0.00	52.41 1.08 0.00	59.85 1.86 0.00	54.00 1.67 0.00	54.49 1.74 0.00	55.21 1.61 0.00	57.11 1.72 0.00	63.47 1.89 -4.27	71.46 2.15 0.00	77.89 2.20 0.00	69.96 2.17 0.00	66.45 2.11 -0.33	63.16 1.87 -6.41	64.93 1.72 -11.18	55.37 2.08 -0.01	55.47 2.27 -0.41
UNION___PROCESSING_DRP 323587	47.45 -1.42 0.00	45.66 -1.46 0.00	44.13 -1.36 0.00	43.70 -1.17 0.00	45.13 -1.20 0.00	44.16 -1.74 0.00	51.53 -2.04 0.00	55.58 -3.11 0.00	58.54 -3.15 0.00	48.61 -2.72 0.00	53.94 -4.06 0.00	48.45 -3.87 0.00	48.64 -4.11 0.00	49.74 -3.86 0.00	51.02 -4.38 -0.01	53.14 -4.30 -0.13	64.53 -4.78 0.00	71.23 -4.47 0.00	63.45 -4.34 0.00	59.75 -4.29 -0.03	51.92 -3.62 -0.66	48.76 -3.80 -0.53	49.39 -3.89 0.00	49.72 -3.12 -0.04
UPPER HUDSON___HYD 24058	50.63 1.76 0.00	49.00 1.89 0.00	47.23 1.73 0.00	46.61 1.75 0.00	48.28 1.95 0.00	47.92 2.02 0.00	55.71 2.14 0.00	61.39 2.70 0.00	64.03 2.34 0.00	52.97 1.64 0.00	59.85 1.86 0.00	53.95 1.62 0.00	54.49 1.74 0.00	55.32 1.71 0.00	57.44 2.05 0.00	64.09 2.35 -4.43	72.01 2.70 0.00	78.80 3.10 0.00	70.70 2.91 0.00	67.04 2.69 -0.35	63.80 2.25 -6.66	65.89 2.24 -11.62	55.63 2.34 -0.01	55.70 2.48 -0.42
UPPER RAQUET___HYD 24056	49.41 0.54 0.00	47.78 0.66 0.00	46.14 0.64 0.00	45.45 0.58 0.00	46.98 0.65 0.00	46.59 0.69 0.00	54.58 1.02 0.00	60.04 1.35 0.00	63.35 1.67 0.00	52.87 1.54 0.00	59.56 1.57 0.00	53.84 1.52 0.00	54.02 1.26 0.00	54.89 1.28 0.00	56.78 1.39 0.00	58.39 1.09 0.00	70.07 0.76 0.00	76.30 0.60 0.00	67.99 0.20 0.00	64.26 0.26 0.00	55.10 0.22 0.00	52.86 0.83 0.00	54.29 1.01 0.00	53.75 0.95 0.00
VALLEY44_115KV_TB2 355964	47.45 -1.42 0.00	45.33 -1.79 0.00	44.00 -1.50 0.00	43.83 -1.03 0.00	45.40 -0.93 0.00	44.29 -1.61 0.00	51.69 -1.87 0.00	54.81 -3.87 0.00	57.24 -4.44 0.00	47.48 -3.85 0.00	52.25 -5.74 0.00	46.78 -5.55 0.00	46.69 -6.07 0.00	44.10 -7.40 2.10	45.88 -7.75 1.75	45.51 -7.85 3.95	55.54 -9.01 4.76	61.11 -9.39 5.19	54.69 -8.41 4.69	50.54 -9.09 4.38	44.00 -7.79 3.09	41.37 -7.44 3.22	46.86 -5.75 0.66	45.36 -7.50 -0.06
VALLEY___115KV_TB 1-4 80826	50.19 1.32 0.00	48.39 1.27 0.00	46.73 1.23 0.00	46.07 1.21 0.00	47.63 1.30 0.00	47.28 1.38 0.00	55.27 1.71 0.00	60.80 2.11 0.00	64.15 2.47 0.00	53.54 2.21 0.00	60.61 2.61 0.00	54.68 2.35 0.00	55.07 2.32 0.00	56.01 2.41 0.00	57.83 2.44 0.00	59.66 2.35 0.00	71.81 2.50 0.00	78.27 2.57 0.00	70.03 2.24 0.00	66.05 2.05 0.00	56.64 1.76 0.00	53.80 1.77 0.00	55.15 1.86 0.00	54.64 1.85 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.41 2.54 0.00	49.61 2.50 0.00	47.96 2.46 0.00	47.20 2.33 0.00	48.69 2.36 0.00	48.24 2.34 0.00	56.51 2.95 0.00	61.97 3.29 0.00	64.95 3.27 0.00	53.90 2.57 0.00	60.72 2.73 0.00	54.68 2.35 0.00	54.97 2.22 0.00	55.96 2.36 0.00	57.94 2.55 0.00	61.59 2.75 -1.53	72.78 3.47 0.00	79.70 4.01 0.00	71.38 3.59 0.00	67.45 3.33 -0.12	59.96 2.80 -2.28	58.64 2.60 -4.00	55.84 2.56 0.00	55.42 2.48 -0.15
VISCHER___FERRY HYD 24020	50.73 1.86 0.00	48.95 1.84 0.00	47.27 1.77 0.00	46.57 1.70 0.00	48.09 1.76 0.00	47.65 1.74 0.00	55.54 1.98 0.00	60.97 2.29 0.00	63.84 2.16 0.00	53.02 1.69 0.00	60.20 2.20 0.00	54.36 2.04 0.00	54.87 2.11 0.00	55.75 2.15 0.00	57.72 2.33 0.00	64.16 2.52 -4.33	72.22 2.91 0.00	78.95 3.25 0.00	70.84 3.05 0.00	67.23 2.88 -0.34	63.92 2.53 -6.51	65.73 2.34 -11.35	55.80 2.50 -0.01	55.74 2.53 -0.41
V_A_10_SYNC_DSASP 323832	46.43 -2.44 0.00	44.53 -2.59 0.00	43.13 -2.37 0.00	42.80 -2.06 0.00	44.20 -2.13 0.00	42.96 -2.94 0.00	49.92 -3.64 0.00	53.17 -5.52 0.00	55.89 -5.80 0.00	46.51 -4.83 0.00	51.21 -6.79 0.00	45.99 -6.33 0.00	46.05 -6.70 0.00	44.54 -6.38 2.69	46.12 -7.03 2.24	45.39 -6.93 4.98	55.34 -7.90 6.07	61.27 -7.80 6.62	54.55 -7.25 5.98	51.36 -7.04 5.60	44.71 -5.98 4.19	41.92 -5.98 4.13	46.41 -6.02 0.85	47.72 -5.12 -0.05
V_CMM_10_SYNC_DSASP 323787	48.97 0.10 0.00	47.31 0.19 0.00	45.64 0.14 0.00	45.00 0.13 0.00	46.52 0.19 0.00	46.13 0.23 0.00	53.88 0.32 0.00	59.27 0.59 0.00	62.43 0.74 0.00	52.10 0.77 0.00	58.81 0.81 0.00	53.16 0.84 0.00	53.54 0.79 0.00	54.24 0.64 0.00	56.11 0.72 0.00	57.94 0.63 0.00	70.00 0.69 0.00	76.22 0.53 0.00	68.06 0.27 0.00	64.33 0.32 0.00	55.16 0.27 0.00	52.50 0.47 0.00	53.71 0.43 0.00	53.17 0.37 0.00
V_CMP_10_SYNC_DSASP 323788	48.58 -0.29 0.00	46.93 -0.19 0.00	45.32 -0.18 0.00	44.68 -0.18 0.00	46.19 -0.14 0.00	45.86 -0.05 0.00	53.72 0.16 0.00	59.45 0.76 0.00	63.10 1.42 0.00	53.03 1.69 0.00	59.85 1.86 0.00	54.16 1.83 0.00	54.55 1.79 0.00	55.26 1.66 0.00	57.16 1.77 0.00	58.97 1.66 0.00	71.18 1.87 0.00	77.21 1.51 0.00	68.60 0.81 0.00	64.71 0.70 0.00	55.49 0.60 0.00	52.82 0.78 0.00	53.87 0.59 0.00	53.22 0.42 0.00
V_D_10_SYNC_DSASP 323841	49.41 0.54 0.00	47.73 0.61 0.00	46.09 0.59 0.00	45.45 0.58 0.00	46.93 0.60 0.00	46.54 0.64 0.00	54.36 0.80 0.00	59.80 1.12 0.00	63.04 1.36 0.00	52.62 1.28 0.00	59.33 1.33 0.00	53.63 1.31 0.00	54.02 1.27 0.00	54.73 1.13 0.00	56.56 1.16 0.00	58.40 1.09 0.00	70.49 1.18 0.00	76.75 1.06 0.00	68.53 0.75 0.00	64.71 0.70 0.00	55.54 0.66 0.00	52.92 0.88 0.00	54.19 0.91 0.00	53.64 0.84 0.00
V_E_10_SYNC_DSASP 323830	50.87 2.00 0.00	49.10 1.98 0.00	47.64 2.14 0.00	47.02 2.15 0.00	48.79 2.46 0.00	48.52 2.62 0.00	57.26 3.70 0.00	62.97 4.28 0.00	66.13 4.44 0.00	54.67 3.34 0.00	61.07 3.07 0.00	54.68 2.35 0.00	54.71 1.95 0.00	56.51 1.98 -0.93	58.27 2.10 -0.77	63.64 2.18 -4.15	74.46 3.05 -2.10	81.84 3.86 -2.29	72.91 3.05 -2.07	68.67 2.62 -2.04	60.37 2.14 -3.34	60.62 1.61 -6.98	55.12 1.55 -0.30	54.38 1.48 -0.10

V_F_30_NSYNC___DSASP 323816	51.02 2.15 0.00	49.33 2.21 0.00	47.59 2.09 0.00	46.93 2.06 0.00	48.55 2.22 0.00	48.20 2.30 0.00	56.08 2.52 0.00	61.62 2.93 0.00	64.40 2.71 0.00	53.33 2.00 0.00	60.43 2.44 0.00	54.47 2.15 0.00	54.97 2.22 0.00	55.91 2.30 0.00	58.00 2.60 0.00	64.59 2.87 -4.42	72.64 3.33 0.00	79.40 3.71 0.00	71.31 3.53 0.00	67.61 3.26 -0.35	64.32 2.80 -6.64	66.27 2.65 -11.58	56.06 2.77 -0.01	56.07 2.85 -0.42
V_F_30_SYNC_DSASP 323786	50.63 1.76 0.00	48.91 1.79 0.00	47.23 1.73 0.00	46.52 1.66 0.00	48.04 1.71 0.00	47.69 1.79 0.00	55.11 1.55 0.00	60.39 1.70 0.00	63.29 1.60 0.00	52.56 1.23 0.00	60.03 2.03 0.00	54.16 1.83 0.00	54.65 1.90 0.00	55.37 1.77 0.00	57.33 1.94 0.00	63.65 2.06 -4.28	71.67 2.36 0.00	78.11 2.42 0.00	70.23 2.44 0.00	66.71 2.37 -0.33	63.34 2.03 -6.43	65.16 1.93 -11.20	55.58 2.29 -0.01	55.69 2.48 -0.41
V_XM_10_SYNC_DSASP 323789	48.58 -0.29 0.00	46.93 -0.19 0.00	45.32 -0.18 0.00	44.68 -0.18 0.00	46.19 -0.14 0.00	45.86 -0.05 0.00	53.72 0.16 0.00	59.45 0.76 0.00	63.10 1.42 0.00	53.03 1.69 0.00	59.85 1.86 0.00	54.16 1.83 0.00	54.55 1.79 0.00	55.26 1.66 0.00	57.16 1.77 0.00	58.97 1.66 0.00	71.18 1.87 0.00	77.21 1.51 0.00	68.60 0.81 0.00	64.71 0.70 0.00	55.49 0.60 0.00	52.82 0.78 0.00	53.87 0.59 0.00	53.22 0.42 0.00
W.BABYLN_69_KV_BK1 56697	66.35 4.50 -12.98	59.71 4.15 -8.45	49.47 3.96 -0.01	48.64 3.77 -0.01	50.14 3.80 -0.01	51.11 3.90 -1.31	64.38 4.71 -6.11	69.90 5.05 -6.17	69.65 5.06 -2.91	55.55 4.21 -0.01	63.05 5.05 -0.01	56.99 4.66 -0.01	58.28 4.80 -0.73	58.49 4.88 -0.01	67.15 5.15 -6.60	71.56 5.44 -8.81	91.80 6.72 -15.77	111.56 7.04 -28.83	107.29 6.58 -32.93	97.53 6.40 -27.12	85.63 5.38 -25.37	76.51 5.05 -19.43	63.07 5.27 -4.52	58.10 4.96 -0.34
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.22 2.35 0.00	49.19 2.07 0.00	47.50 2.00 0.00	46.70 1.84 0.00	48.18 1.85 0.00	47.78 1.88 0.00	55.92 2.36 0.00	61.21 2.52 0.00	64.09 2.41 0.00	53.33 2.00 0.00	60.61 2.61 0.00	54.73 2.41 0.00	55.34 2.58 0.00	56.28 2.68 0.00	58.22 2.82 0.00	63.68 2.98 -3.40	72.98 3.67 0.00	79.63 3.94 0.00	71.52 3.73 0.00	67.98 3.71 -0.27	63.11 3.13 -5.10	63.90 2.97 -8.90	56.22 2.93 -0.01	55.87 2.75 -0.32
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.70 2.83 0.00	49.61 2.50 0.00	47.87 2.37 0.00	46.97 2.11 0.00	48.46 2.13 0.00	48.06 2.16 0.00	56.40 2.84 0.00	61.86 3.17 0.00	64.77 3.08 0.00	53.95 2.62 0.00	61.48 3.48 0.00	55.52 3.19 0.00	56.08 3.32 0.00	57.03 3.43 0.00	58.99 3.60 0.00	64.54 3.73 -3.50	74.02 4.71 0.00	80.69 5.00 0.00	72.47 4.68 0.00	68.95 4.67 -0.27	63.98 3.84 -5.26	64.80 3.59 -9.18	56.86 3.57 -0.01	56.46 3.33 -0.33
W50THST__13_KV_LOAD 356117	51.85 2.98 0.00	49.76 2.64 0.00	48.00 2.50 0.00	47.15 2.29 0.00	48.60 2.27 0.00	48.20 2.30 0.00	56.61 3.05 0.00	62.09 3.40 0.00	65.02 3.33 0.00	54.16 2.82 0.00	61.71 3.71 0.00	55.73 3.40 0.00	56.29 3.53 0.00	57.25 3.64 0.00	59.21 3.82 0.00	64.77 3.95 -3.50	74.30 4.99 0.00	80.99 5.30 0.00	72.81 5.02 0.00	69.27 4.99 -0.27	64.20 4.06 -5.26	65.01 3.80 -9.18	57.07 3.78 -0.01	56.67 3.54 -0.33
WADING RIVER_IC_1 23522	65.77 4.99 -11.92	59.58 4.71 -7.75	50.01 4.51 -0.01	49.14 4.26 -0.01	50.69 4.35 -0.01	51.47 4.36 -1.20	64.47 5.30 -5.60	70.10 5.75 -5.66	70.09 5.74 -2.67	55.86 4.52 -0.01	63.40 5.39 -0.01	57.36 5.02 -0.01	58.70 5.27 -0.67	58.87 5.26 -0.01	66.55 5.09 -6.06	71.24 5.56 -8.37	90.23 6.45 -14.47	107.83 5.68 -26.45	103.23 5.22 -30.22	94.55 5.63 -24.91	83.31 4.72 -23.71	75.04 4.42 -18.59	62.81 5.38 -4.15	58.21 5.07 -0.34
WADING RIVER_IC_2 23547	65.77 4.99 -11.92	59.58 4.71 -7.75	50.01 4.51 -0.01	49.14 4.26 -0.01	50.69 4.35 -0.01	51.47 4.36 -1.20	64.47 5.30 -5.60	70.10 5.75 -5.66	70.09 5.74 -2.67	55.86 4.52 -0.01	63.40 5.39 -0.01	57.36 5.02 -0.01	58.70 5.27 -0.67	58.87 5.26 -0.01	66.55 5.09 -6.06	71.24 5.56 -8.37	90.23 6.45 -14.47	107.83 5.68 -26.45	103.23 5.22 -30.22	94.55 5.63 -24.91	83.31 4.72 -23.71	75.04 4.42 -18.59	62.81 5.38 -4.15	58.21 5.07 -0.34
WADING RIVER_IC_3 23601	65.77 4.99 -11.92	59.58 4.71 -7.75	50.01 4.51 -0.01	49.14 4.26 -0.01	50.69 4.35 -0.01	51.47 4.36 -1.20	64.47 5.30 -5.60	70.10 5.75 -5.66	70.09 5.74 -2.67	55.86 4.52 -0.01	63.40 5.39 -0.01	57.36 5.02 -0.01	58.70 5.27 -0.67	58.87 5.26 -0.01	66.55 5.09 -6.06	71.24 5.56 -8.37	90.23 6.45 -14.47	107.83 5.68 -26.45	103.23 5.22 -30.22	94.55 5.63 -24.91	83.31 4.72 -23.71	75.04 4.42 -18.59	62.81 5.38 -4.15	58.21 5.07 -0.34
WALDENNY_12_KV_BK2 80841	47.01 -1.86 0.00	45.00 -2.12 0.00	43.68 -1.82 0.00	43.47 -1.39 0.00	45.03 -1.30 0.00	43.79 -2.11 0.00	50.78 -2.79 0.00	53.64 -5.05 0.00	56.32 -5.37 0.00	46.71 -4.62 0.00	51.21 -6.79 0.00	45.89 -6.44 0.00	45.79 -6.96 0.00	41.33 -7.18 5.09	43.29 -7.87 4.23	39.95 -7.85 9.50	48.85 -8.94 11.52	54.19 -8.93 12.57	48.24 -8.20 11.35	44.95 -8.38 10.67	39.00 -7.08 8.80	36.63 -7.02 8.38	45.44 -6.23 1.61	46.31 -6.55 -0.06
WALDEN___HYDRO 24148	51.12 2.25 0.00	49.14 2.03 0.00	47.46 1.96 0.00	46.66 1.79 0.00	48.14 1.81 0.00	47.74 1.84 0.00	55.86 2.30 0.00	61.15 2.46 0.00	64.09 2.41 0.00	53.18 1.85 0.00	60.32 2.32 0.00	54.42 2.09 0.00	55.02 2.27 0.00	56.07 2.47 0.00	57.99 2.60 0.00	63.51 2.81 -3.40	72.78 3.47 0.00	79.48 3.78 0.00	71.38 3.59 0.00	67.79 3.52 -0.27	62.94 2.96 -5.10	63.79 2.86 -8.90	56.01 2.72 -0.01	55.65 2.53 -0.32
WARRENSBURG____ 23737	50.53 1.66 0.00	49.00 1.88 0.00	47.23 1.73 0.00	46.57 1.70 0.00	48.28 1.95 0.00	47.97 2.07 0.00	55.76 2.20 0.00	61.39 2.70 0.00	64.03 2.34 0.00	52.98 1.64 0.00	59.91 1.91 0.00	53.95 1.62 0.00	54.49 1.74 0.00	55.32 1.72 0.00	57.44 2.05 0.00	64.09 2.35 -4.43	72.01 2.70 0.00	78.80 3.10 0.00	70.70 2.91 0.00	67.04 2.69 -0.35	63.79 2.25 -6.66	65.89 2.24 -11.62	55.64 2.34 -0.01	55.70 2.48 -0.42
WATERSIDE___6 8 9 23538	52.10 3.23 0.00	49.99 2.87 0.00	48.23 2.73 0.00	47.38 2.51 0.00	48.83 2.50 0.00	48.47 2.57 0.00	56.83 3.27 0.00	62.33 3.64 0.00	65.26 3.58 0.00	54.36 3.03 0.00	61.94 3.94 0.00	55.94 3.61 0.00	56.50 3.75 0.00	57.46 3.86 0.00	59.44 4.04 0.00	65.00 4.18 -3.50	74.51 5.20 0.00	81.29 5.60 0.00	73.08 5.29 0.00	69.40 5.12 -0.27	64.42 4.28 -5.26	65.27 4.06 -9.18	57.28 4.00 -0.01	56.93 3.80 -0.33
WATKINRD_115KV_LN8_ILLION 55919	49.95 1.08 0.00	48.11 0.99 0.00	46.45 0.96 0.00	45.81 0.94 0.00	47.35 1.02 0.00	46.96 1.06 0.00	54.90 1.34 0.00	60.27 1.58 0.00	63.47 1.79 0.00	52.92 1.59 0.00	59.85 1.86 0.00	54.00 1.67 0.00	54.39 1.64 0.00	55.32 1.72 0.00	57.11 1.72 0.00	58.97 1.66 0.00	71.18 1.87 0.00	77.66 1.97 0.00	69.48 1.69 0.00	65.61 1.60 0.00	56.25 1.37 0.00	53.39 1.35 0.00	54.67 1.39 0.00	54.17 1.37 0.00

WDELAWARE___HYD 323627	51.70 2.83 0.00	49.80 2.68 0.00	48.05 2.55 0.00	47.28 2.42 0.00	48.78 2.45 0.00	48.29 2.39 0.00	56.50 2.94 0.00	61.74 3.05 0.00	64.77 3.08 0.00	53.54 2.21 0.00	60.43 2.44 0.00	54.47 2.15 0.00	55.07 2.32 0.00	56.23 2.63 0.00	58.16 2.77 0.00	63.60 3.09 -3.20	73.26 3.95 0.00	80.16 4.46 0.00	71.99 4.20 0.00	68.35 4.10 -0.25	63.09 3.40 -4.80	63.75 3.33 -8.38	56.38 3.09 -0.01	55.95 2.85 -0.30
WEST BABYLON___IC 23714	66.35 4.50 -12.98	59.71 4.15 -8.45	49.47 3.96 -0.01	48.64 3.77 -0.01	50.14 3.80 -0.01	51.11 3.90 -1.31	64.38 4.71 -6.11	69.90 5.05 -6.17	69.65 5.06 -2.91	55.55 4.21 -0.01	63.05 5.05 -0.01	56.99 4.66 -0.01	58.28 4.80 -0.73	58.49 4.88 -0.01	67.15 5.15 -6.60	71.56 5.44 -8.81	91.80 6.72 -15.77	111.56 7.04 -28.83	107.29 6.58 -32.93	97.53 6.40 -27.12	85.63 5.38 -25.37	76.51 5.05 -19.43	63.07 5.27 -4.52	58.10 4.96 -0.34
WEST CANADA___HYD 24049	49.02 0.15 0.00	47.26 0.14 0.00	45.64 0.14 0.00	44.95 0.09 0.00	46.42 0.09 0.00	46.04 0.14 0.00	53.72 0.16 0.00	58.92 0.24 0.00	61.87 0.19 0.00	51.49 0.15 0.00	58.23 0.23 0.00	52.54 0.21 0.00	52.97 0.21 0.00	53.82 0.22 0.00	55.61 0.22 0.00	57.48 0.17 0.00	69.45 0.14 0.00	75.92 0.23 0.00	67.99 0.20 0.00	64.20 0.19 0.00	55.05 0.17 0.00	52.19 0.16 0.00	53.44 0.16 0.00	53.01 0.21 0.00
WESTERN_NY_WIND 24143	47.84 -1.03 0.00	45.89 -1.23 0.00	44.45 -1.05 0.00	44.10 -0.76 0.00	45.64 -0.69 0.00	44.39 -1.51 0.00	51.47 -2.09 0.00	54.75 -3.93 0.00	57.68 -4.01 0.00	47.79 -3.54 0.00	52.49 -5.51 0.00	47.04 -5.28 0.00	47.06 -5.70 0.00	45.42 -5.20 2.98	47.06 -5.87 2.46	46.18 -5.67 5.46	56.39 -6.17 6.75	62.57 -5.75 7.37	55.58 -5.56 6.65	52.06 -5.70 6.25	45.24 -4.72 4.92	42.35 -5.00 4.69	47.54 -4.80 0.94	48.30 -4.54 -0.05
WESTOVER___LESR 323668	48.67 -0.20 0.00	46.83 -0.28 0.00	45.27 -0.23 0.00	44.73 -0.13 0.00	46.24 -0.09 0.00	45.63 -0.28 0.00	53.35 -0.21 0.00	57.92 -0.76 0.00	60.76 -0.93 0.00	50.46 -0.87 0.00	56.55 -1.45 0.00	50.86 -1.47 0.00	51.17 -1.58 0.00	51.89 -1.72 0.00	53.56 -1.83 0.00	56.39 -1.78 -0.86	67.37 -1.94 0.00	73.88 -1.82 0.00	66.16 -1.63 0.00	62.30 -1.79 -0.09	54.99 -1.54 -1.65	52.86 -1.61 -2.44	51.90 -1.39 0.00	51.37 -1.53 -0.11
WETHRSFD_WT_PWR 323626	46.13 -2.74 0.00	44.38 -2.73 0.00	42.91 -2.59 0.00	42.98 -1.88 0.00	44.89 -1.44 0.00	44.29 -1.61 0.00	51.21 -2.36 0.00	54.41 -4.28 0.00	56.94 -4.75 0.00	47.18 -4.16 0.00	51.68 -6.32 0.00	46.26 -6.07 0.00	46.16 -6.60 0.00	28.22 -6.91 18.47	32.35 -7.64 15.40	14.57 -7.79 34.94	18.58 -8.94 41.79	20.80 -9.31 45.58	18.22 -8.41 41.16	16.71 -8.51 38.78	14.07 -7.19 33.62	13.04 -7.08 31.92	41.00 -6.45 5.83	46.36 -6.50 -0.06
WHAVSTOR_138KV_BK127 55557	51.07 2.20 0.00	49.05 1.93 0.00	47.36 1.87 0.00	46.57 1.70 0.00	48.00 1.67 0.00	47.65 1.74 0.00	55.70 2.14 0.00	61.09 2.41 0.00	63.91 2.22 0.00	53.23 1.90 0.00	60.55 2.55 0.00	54.68 2.35 0.00	55.23 2.48 0.00	56.17 2.57 0.00	58.11 2.71 0.00	63.57 2.87 -3.40	72.78 3.47 0.00	79.40 3.71 0.00	71.31 3.53 0.00	67.79 3.52 -0.27	62.95 2.96 -5.11	63.76 2.81 -8.91	56.06 2.77 -0.01	55.76 2.64 -0.32
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.07 2.20 0.00	49.05 1.93 0.00	47.36 1.87 0.00	46.57 1.70 0.00	48.00 1.67 0.00	47.65 1.74 0.00	55.70 2.14 0.00	61.09 2.41 0.00	63.91 2.22 0.00	53.23 1.90 0.00	60.55 2.55 0.00	54.68 2.35 0.00	55.23 2.48 0.00	56.17 2.57 0.00	58.11 2.71 0.00	63.57 2.87 -3.40	72.78 3.47 0.00	79.40 3.71 0.00	71.31 3.53 0.00	67.79 3.52 -0.27	62.95 2.96 -5.11	63.76 2.81 -8.91	56.06 2.77 -0.01	55.76 2.64 -0.32
WHITEHAL_115KV_TB1 80871	51.22 2.35 0.00	49.71 2.59 0.00	47.87 2.37 0.00	47.24 2.38 0.00	49.02 2.69 0.00	48.75 2.85 0.00	56.67 3.11 0.00	62.44 3.76 0.00	64.95 3.27 0.00	53.64 2.31 0.00	60.61 2.61 0.00	54.52 2.20 0.00	55.02 2.27 0.00	55.91 2.30 0.00	58.16 2.77 0.00	64.94 3.21 -4.43	73.12 3.81 0.00	80.08 4.39 0.00	71.92 4.14 0.00	68.13 3.78 -0.35	64.66 3.13 -6.65	66.60 2.97 -11.60	56.43 3.14 -0.01	56.49 3.27 -0.42
WHITEPLN_13_KV_LOAD 356215	51.85 2.98 0.00	49.85 2.73 0.00	48.09 2.59 0.00	47.29 2.42 0.00	48.74 2.41 0.00	48.38 2.48 0.00	56.67 3.11 0.00	62.21 3.52 0.00	65.14 3.45 0.00	54.21 2.87 0.00	61.53 3.54 0.00	55.62 3.30 0.00	56.18 3.43 0.00	57.19 3.59 0.00	59.10 3.71 0.00	64.76 3.95 -3.50	74.23 4.92 0.00	80.99 5.30 0.00	72.67 4.88 0.00	69.08 4.80 -0.27	64.08 3.95 -5.25	64.94 3.75 -9.16	57.02 3.73 -0.01	56.67 3.54 -0.33
WM_FLOYD_69_KV_BK2 356380	65.59 4.79 -11.94	59.31 4.43 -7.77	49.74 4.23 -0.01	48.87 3.99 -0.01	50.42 4.08 -0.01	51.28 4.18 -1.20	64.31 5.14 -5.61	69.87 5.52 -5.67	69.85 5.49 -2.67	55.70 4.36 -0.01	63.22 5.22 -0.01	57.20 4.87 -0.01	58.43 5.01 -0.67	58.70 5.09 -0.01	66.56 5.10 -6.07	71.19 5.50 -8.38	90.46 6.65 -14.49	108.62 6.43 -26.50	103.95 5.90 -30.27	95.04 6.08 -24.95	83.67 5.05 -23.74	75.42 4.79 -18.60	62.81 5.38 -4.15	58.21 5.07 -0.34
WOODARD___115KV_TB2 355635	47.84 -1.03 0.00	46.13 -0.99 0.00	44.54 -0.96 0.00	43.97 -0.90 0.00	45.45 -0.88 0.00	44.94 -0.96 0.00	52.44 -1.12 0.00	57.22 -1.47 0.00	60.14 -1.54 0.00	50.00 -1.33 0.00	56.20 -1.80 0.00	50.65 -1.67 0.00	51.07 -1.69 0.00	51.94 -1.66 0.00	53.62 -1.77 0.00	55.85 -1.78 -0.32	67.23 -2.08 0.00	73.65 -2.04 0.00	65.96 -1.83 0.00	62.17 -1.86 -0.02	53.77 -1.59 -0.48	51.25 -1.61 -0.83	51.63 -1.65 0.00	51.30 -1.53 -0.03
WOODMERE_69_KV_BK1 55827	74.07 3.86 -21.33	64.53 3.53 -13.88	48.98 3.46 -0.02	48.20 3.32 -0.02	49.69 3.34 -0.02	51.31 3.26 -2.15	67.61 4.02 -10.03	73.16 4.34 -10.13	70.84 4.38 -4.78	55.10 3.75 -0.02	62.60 4.58 -0.02	56.53 4.19 -0.02	58.22 4.27 -1.19	58.07 4.45 -0.02	70.84 4.60 -10.85	74.34 4.81 -12.22	101.11 5.89 -25.91	129.26 6.21 -47.36	127.72 5.83 -54.10	114.09 5.70 -44.38	98.01 4.83 -38.29	82.63 4.58 -26.02	65.33 4.64 -7.42	57.64 4.49 -0.35
YORK___WARBASSE 23770	52.24 3.37 0.00	50.13 3.02 0.00	48.37 2.87 0.00	47.51 2.65 0.00	49.02 2.69 0.00	48.56 2.66 0.00	56.99 3.43 0.00	62.50 3.81 0.00	65.45 3.76 0.00	54.41 3.08 0.00	61.82 3.83 0.00	55.78 3.45 0.00	56.34 3.59 0.00	57.30 3.70 0.00	59.27 3.88 0.00	64.94 4.13 -3.50	74.44 5.13 0.00	81.22 5.53 0.00	73.01 5.22 0.00	69.40 5.12 -0.27	64.37 4.23 -5.26	65.22 4.01 -9.18	57.23 3.94 -0.01	56.88 3.75 -0.33