

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion												
Generator Data		11/07/2025																												
Name	PTID	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					
59TH STREET_GT_1 24138	EST	45.86	42.29	42.14	40.95	40.68	47.01	63.78	72.96	58.96	52.39	47.87	46.88	46.06	48.25	52.41	57.01	59.88	77.27	67.58	60.02	55.67	48.58	44.57	43.20					
		2.68	2.43	2.35	2.24	2.30	2.83	3.95	4.39	3.60	3.61	3.42	3.47	3.53	3.70	3.93	3.98	4.18	5.32	4.54	4.08	3.93	3.47	3.22	3.01					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.03	-0.02	-0.03	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
74TH STREET_GT_1 24260	EST	45.90	42.37	42.22	41.03	40.72	47.10	63.84	72.89	58.96	52.40	47.83	46.85	46.03	48.22	52.38	57.01	59.88	77.27	67.58	60.07	55.77	48.67	44.65	43.28					
		2.72	2.51	2.43	2.32	2.34	2.92	4.01	4.32	3.60	3.61	3.38	3.43	3.49	3.65	3.88	3.98	4.18	5.32	4.54	4.14	4.04	3.56	3.31	3.09					
		-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.04	-0.03	-0.04	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01					
74TH STREET_GT_2 24261	EST	45.90	42.37	42.22	41.03	40.72	47.10	63.84	72.89	58.96	52.40	47.83	46.85	46.03	48.22	52.38	57.01	59.88	77.27	67.58	60.07	55.77	48.67	44.65	43.28					
		2.72	2.51	2.43	2.32	2.34	2.92	4.01	4.32	3.60	3.61	3.38	3.43	3.49	3.65	3.88	3.98	4.18	5.32	4.54	4.14	4.04	3.56	3.31	3.09					
		-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.04	-0.03	-0.04	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01					
ADK HUDSON___FALLS 24011	EST	44.64	41.28	41.18	40.10	39.80	46.16	62.46	71.79	57.57	50.62	45.95	44.77	43.87	45.95	50.25	55.10	57.59	74.89	65.68	58.28	54.12	47.23	43.24	41.91					
		1.47	1.43	1.39	1.39	1.42	1.99	2.63	3.22	2.21	1.85	1.51	1.39	1.36	1.42	1.79	2.07	1.89	2.95	2.65	2.35	2.38	2.12	1.90	1.73					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ADK RESOURCE___RCVRY 23798	EST	44.77	41.40	41.34	40.26	39.91	46.34	62.70	72.06	57.79	50.77	46.03	44.86	43.91	46.04	50.34	55.21	57.70	75.11	65.94	58.51	54.32	47.36	43.40	42.03					
		1.60	1.55	1.55	1.55	1.54	2.16	2.87	3.50	2.43	2.00	1.60	1.48	1.40	1.51	1.89	2.18	2.00	3.16	2.90	2.57	2.59	2.25	2.07	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ADK S GLENS___FALLS 24028	EST	44.64	41.28	41.18	40.10	39.80	46.16	62.46	71.79	57.57	50.62	45.95	44.77	43.87	45.95	50.25	55.10	57.59	74.89	65.68	58.28	54.12	47.23	43.24	41.91					
		1.47	1.43	1.39	1.39	1.42	1.99	2.63	3.22	2.21	1.85	1.51	1.39	1.36	1.42	1.79	2.07	1.89	2.95	2.65	2.35	2.38	2.12	1.90	1.73					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ADK_NYS___DAM 23527	EST	44.25	41.01	40.94	39.91	39.61	46.12	62.46	71.51	57.74	50.77	46.30	45.12	44.21	46.40	50.64	55.53	58.21	75.40	66.06	58.62	54.27	47.41	43.40	42.11					
		1.08	1.16	1.15	1.20	1.23	1.94	2.63	2.95	2.38	2.00	1.87	1.74	1.70	1.87	2.18	2.49	2.51	3.45	3.03	2.68	2.53	2.30	2.07	1.93					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
AIR_PRODUCTS___DRP 24190	EST	43.39	40.13	40.11	39.09	38.80	44.80	60.61	69.39	56.02	49.40	45.01	43.99	43.15	45.20	49.28	53.93	56.54	73.17	64.05	56.89	52.72	46.01	42.12	40.98					
		0.22	0.28	0.32	0.39	0.42	0.62	0.78	0.82	0.66	0.63	0.58	0.61	0.64	0.67	0.82	0.90	0.84	1.22	1.01	0.95	0.98	0.90	0.79	0.80					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
AKWESSNE_115KV_BK 355683	EST	43.82	40.41	40.38	39.29	38.99	44.93	60.91	69.66	56.19	49.40	45.10	43.78	42.77	44.80	48.80	53.30	55.87	71.87	62.91	55.82	51.69	45.06	41.34	40.22					
		0.65	0.56	0.60	0.58	0.61	0.75	1.08	1.10	0.83	0.63	0.67	0.39	0.26	0.27	0.34	0.27	0.17	-0.07	-0.13	-0.11	-0.05	-0.05	0.00	0.04					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ALBANY_1_SOLAR 323833	EST	44.34	40.96	40.94	39.87	39.53	45.63	61.75	70.62	56.74	49.89	45.37	44.25	43.41	45.60	49.81	54.68	57.32	74.39	65.18	57.84	53.60	46.78	42.87	41.62					
		1.17	1.11	1.15	1.16	1.15	1.46	1.91	2.06	1.38	1.12	0.93	0.87	0.89	1.07	1.35	1.65	1.62	2.45	2.14	1.90	1.86	1.67	1.53	1.44					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
ALBANY_2_SOLAR 323834	EST	44.30	40.96	40.94	39.87	39.53	45.63	61.75	70.62	56.74	49.89	45.37	44.25	43.41	45.60	49.81	54.68	57.32	74.31	65.18	57.84	53.60	46.78	42.82	41.59					
		1.12	1.11	1.15	1.16	1.15	1.46	1.91	2.06	1.38	1.12	0.93	0.87	0.89	1.07	1.35	1.65	1.62	2.37	2.14	1.90	1.86	1.67	1.49	1.41					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 23571	EST	43.39	40.13	40.11	39.09	38.80	44.80	60.61	69.39	56.02	49.40	45.01	43.99	43.15	45.20	49.28	53.93	56.54	73.17	64.05	56.89	52.72	46.01	42.12	40.98					
		0.22	0.28	0.32	0.39	0.42	0.62	0.78	0.82	0.66	0.63	0.58	0.61	0.64	0.67	0.82	0.90	0.84	1.22	1.01	0.95	0.98	0.90	0.79	0.80					
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					

ALBANY___2 23572	43.39 0.22 0.00	40.13 0.28 0.00	40.11 0.32 0.00	39.09 0.39 0.00	38.80 0.42 0.00	44.80 0.62 0.00	60.61 0.78 0.00	69.39 0.82 0.00	56.02 0.66 0.00	49.40 0.63 0.00	45.01 0.58 0.00	43.99 0.61 0.00	43.15 0.64 0.00	45.20 0.67 0.00	49.28 0.82 0.00	53.93 0.90 0.00	56.54 0.84 0.00	73.17 1.22 0.00	64.05 1.01 0.00	56.89 0.95 0.00	52.72 0.98 0.00	46.01 0.90 0.00	42.12 0.79 0.00	40.98 0.80 0.00
ALBANY___3 23573	43.39 0.22 0.00	40.13 0.28 0.00	40.11 0.32 0.00	39.09 0.39 0.00	38.80 0.42 0.00	44.80 0.62 0.00	60.61 0.78 0.00	69.39 0.82 0.00	56.02 0.66 0.00	49.40 0.63 0.00	45.01 0.58 0.00	43.99 0.61 0.00	43.15 0.64 0.00	45.20 0.67 0.00	49.28 0.82 0.00	53.93 0.90 0.00	56.54 0.84 0.00	73.17 1.22 0.00	64.05 1.01 0.00	56.89 0.95 0.00	52.72 0.98 0.00	46.01 0.90 0.00	42.12 0.79 0.00	40.98 0.80 0.00
ALBANY___4 23574	43.39 0.22 0.00	40.13 0.28 0.00	40.11 0.32 0.00	39.09 0.39 0.00	38.80 0.42 0.00	44.80 0.62 0.00	60.61 0.78 0.00	69.39 0.82 0.00	56.02 0.66 0.00	49.40 0.63 0.00	45.01 0.58 0.00	43.99 0.61 0.00	43.15 0.64 0.00	45.20 0.67 0.00	49.28 0.82 0.00	53.93 0.90 0.00	56.54 0.84 0.00	73.17 1.22 0.00	64.05 1.01 0.00	56.89 0.95 0.00	52.72 0.98 0.00	46.01 0.90 0.00	42.12 0.79 0.00	40.98 0.80 0.00
ALBANY___LFGE 323615	43.73 0.56 0.00	40.45 0.60 0.00	40.39 0.60 0.00	39.40 0.70 0.00	39.11 0.73 0.00	45.15 0.97 0.00	61.15 1.31 0.00	70.01 1.44 0.00	56.52 1.16 0.00	49.79 1.03 0.00	45.41 0.98 0.00	44.34 0.95 0.00	43.49 0.98 0.00	45.60 1.07 0.00	49.71 1.26 0.00	54.47 1.43 0.00	56.98 1.28 0.00	73.81 1.87 0.00	64.61 1.58 0.00	57.33 1.40 0.00	53.14 1.40 0.00	46.37 1.26 0.00	42.49 1.16 0.00	41.26 1.09 0.00
ALCOA_PA_115KV_PL-6C 55860	44.17 0.99 0.00	40.77 0.92 0.00	40.74 0.95 0.00	39.60 0.89 0.00	39.30 0.92 0.00	45.33 1.15 0.00	61.45 1.62 0.00	70.28 1.71 0.00	56.63 1.27 0.00	49.74 0.98 0.00	45.41 0.98 0.00	44.04 0.65 0.00	43.02 0.51 0.00	45.06 0.53 0.00	49.09 0.63 0.00	53.62 0.58 0.00	56.20 0.50 0.00	72.23 0.29 0.00	63.29 0.25 0.00	56.16 0.22 0.00	52.00 0.26 0.00	45.38 0.27 0.00	41.63 0.29 0.00	40.50 0.32 0.00
ALCOA_RYNLDS___DRP 24188	44.17 0.99 0.00	40.77 0.92 0.00	40.74 0.95 0.00	39.60 0.89 0.00	39.30 0.92 0.00	45.33 1.15 0.00	61.45 1.62 0.00	70.28 1.71 0.00	56.63 1.27 0.00	49.74 0.98 0.00	45.41 0.98 0.00	44.04 0.65 0.00	43.02 0.51 0.00	45.06 0.53 0.00	49.09 0.63 0.00	53.62 0.58 0.00	56.20 0.50 0.00	72.23 0.29 0.00	63.29 0.25 0.00	56.16 0.22 0.00	52.00 0.26 0.00	45.38 0.27 0.00	41.63 0.29 0.00	40.50 0.32 0.00
ALCOA___DSASP 323711	44.17 0.99 0.00	40.77 0.92 0.00	40.74 0.95 0.00	39.60 0.89 0.00	39.30 0.92 0.00	45.33 1.15 0.00	61.45 1.62 0.00	70.28 1.71 0.00	56.63 1.27 0.00	49.74 0.98 0.00	45.41 0.98 0.00	44.04 0.65 0.00	43.02 0.51 0.00	45.06 0.53 0.00	49.09 0.63 0.00	53.62 0.58 0.00	56.20 0.50 0.00	72.23 0.29 0.00	63.29 0.25 0.00	56.16 0.22 0.00	52.00 0.26 0.00	45.38 0.27 0.00	41.63 0.29 0.00	40.50 0.32 0.00
ALLEGHENY___COGEN 23514	42.96 -0.21 0.00	39.33 -0.52 0.00	39.15 -0.64 0.00	38.09 -0.62 0.00	37.61 -0.77 0.00	42.21 -1.94 0.02	57.35 -2.46 0.03	66.36 -2.20 0.01	53.35 -1.99 0.02	46.32 -2.44 0.01	41.72 -2.71 0.00	40.78 -2.60 0.00	39.73 -2.76 0.02	41.70 -2.80 0.02	45.33 -3.10 0.02	50.20 -2.81 0.02	53.53 -2.17 0.00	69.71 -2.23 0.00	61.78 -1.26 0.00	55.04 -0.90 0.00	50.50 -1.24 0.00	43.71 -1.40 0.00	39.77 -1.57 0.00	38.77 -1.41 0.00
ALTAMONT_115KV_TB 2 55880	43.74 0.56 0.00	40.41 0.56 0.00	40.38 0.60 0.00	39.33 0.62 0.00	38.99 0.61 0.00	45.02 0.84 0.00	60.91 1.08 0.00	69.73 1.17 0.00	56.30 0.94 0.00	49.64 0.88 0.00	45.24 0.80 0.00	44.21 0.82 0.00	43.36 0.85 0.00	45.42 0.89 0.00	49.47 1.02 0.00	54.15 1.11 0.00	56.81 1.11 0.00	73.45 1.51 0.00	64.36 1.32 0.00	57.17 1.23 0.00	52.93 1.19 0.00	46.19 1.08 0.00	42.33 0.99 0.00	41.10 0.92 0.00
ALTONA_WT_PWR 323606	43.56 0.39 0.00	40.21 0.36 0.00	40.19 0.40 0.00	39.09 0.39 0.00	38.84 0.46 0.00	44.88 0.70 0.00	60.91 1.08 0.00	69.73 1.16 0.00	56.13 0.77 0.00	49.30 0.54 0.00	44.92 0.49 0.00	43.56 0.17 0.00	42.56 0.04 0.00	44.31 -0.22 0.00	48.12 -0.34 0.00	52.40 -0.63 0.00	54.87 -0.83 0.00	70.36 -1.58 0.00	61.52 -1.51 0.00	54.54 -1.40 0.00	50.45 -1.29 0.00	43.98 -1.13 0.00	40.34 -0.99 0.00	39.33 -0.85 0.00
AMERICAN_REF_FUEL 24010	39.81 -3.37 0.00	36.14 -3.70 0.00	36.13 -3.66 0.00	35.15 -3.56 0.00	34.73 -3.65 0.00	37.94 -6.23 0.01	50.48 -9.33 0.02	58.62 -9.94 0.01	48.04 -7.31 0.01	42.47 -6.29 0.01	38.79 -5.64 0.00	38.05 -5.34 0.01	36.89 -5.61 0.01	38.77 -5.74 0.01	41.76 -6.69 0.01	46.02 -7.00 0.01	48.85 -6.85 0.00	62.37 -9.57 0.00	54.97 -8.07 0.00	49.33 -6.60 0.00	45.32 -6.42 0.00	39.42 -5.68 0.00	35.92 -5.41 0.00	35.52 -4.66 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.50 -2.68 0.00	36.62 -3.23 0.00	36.45 -3.34 0.00	35.30 -3.41 0.00	34.58 -3.80 0.00	38.11 -6.05 0.02	51.13 -8.68 0.02	58.82 -9.74 0.01	48.03 -7.31 0.02	42.12 -6.63 0.01	38.43 -6.00 0.00	37.61 -5.77 0.00	36.59 -5.91 0.02	38.41 -6.10 0.02	41.71 -6.73 0.02	45.91 -7.11 0.02	48.96 -6.74 0.00	62.88 -9.07 0.00	55.47 -7.57 0.00	50.00 -5.93 0.00	45.84 -5.90 0.00	39.74 -5.37 0.00	36.33 -5.00 0.00	35.92 -4.26 0.00
ARTHUR KILL_GT_1 23520	46.51 3.32 -0.01	42.89 3.03 -0.01	42.78 2.98 -0.01	41.58 2.86 -0.01	41.26 2.88 -0.01	47.68 3.49 -0.01	63.66 3.83 0.00	72.20 3.63 0.00	58.51 3.16 0.00	52.54 3.76 -0.02	47.92 3.47 -0.02	46.51 3.08 -0.04	46.12 3.57 -0.03	48.04 3.47 -0.04	52.42 3.93 -0.04	56.80 3.77 0.00	59.38 3.68 0.00	76.62 4.68 0.00	67.01 3.97 0.00	59.74 3.80 0.00	55.77 4.04 0.00	49.17 4.06 0.00	45.15 3.80 -0.01	43.85 3.66 -0.01
ARTHUR_KILL_2 23512	46.38 3.19 -0.01	42.77 2.91 -0.01	42.62 2.83 -0.01	41.46 2.75 -0.01	41.19 2.80 -0.01	47.55 3.36 -0.01	63.48 3.65 0.00	71.99 3.43 0.00	58.18 2.82 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.38 2.95 -0.04	45.90 3.36 -0.03	47.82 3.25 -0.04	52.33 3.83 -0.04	56.64 3.61 0.00	59.15 3.45 0.00	76.41 4.46 0.00	66.82 3.78 0.00	59.52 3.58 0.00	55.62 3.88 0.00	49.08 3.97 0.00	45.07 3.72 -0.01	43.73 3.54 -0.01
ARTHUR_KILL_3 23513	45.60 2.42 -0.01	42.05 2.19 -0.01	41.86 2.07 0.00	40.72 2.01 0.00	40.45 2.07 0.00	46.74 2.56 -0.01	63.42 3.59 0.00	72.47 3.91 0.00	58.57 3.21 0.00	52.00 3.22 -0.02	47.61 3.16 -0.02	46.63 3.21 -0.03	45.73 3.19 -0.03	47.95 3.38 -0.03	52.08 3.59 -0.03	56.59 3.55 0.00	59.38 3.68 0.00	76.69 4.75 0.00	67.08 4.04 0.00	59.63 3.69 0.00	55.31 3.57 0.00	48.31 3.20 0.00	44.36 3.02 -0.01	43.00 2.81 -0.01

ARTHUR_KILL_COGEN 323718	46.51 3.32 -0.01	42.89 3.03 -0.01	42.74 2.94 -0.01	41.58 2.86 -0.01	41.30 2.92 -0.01	47.68 3.49 -0.01	63.66 3.83 0.00	72.20 3.63 0.00	58.35 2.99 0.00	52.49 3.70 -0.02	47.97 3.51 -0.02	46.51 3.08 -0.04	45.99 3.44 -0.03	47.91 3.34 -0.04	52.42 3.92 -0.04	56.80 3.77 0.00	59.32 3.62 0.00	76.62 4.67 0.00	67.01 3.97 0.00	59.68 3.75 0.00	55.78 4.04 0.00	49.21 4.10 0.00	45.20 3.84 -0.01	43.85 3.66 -0.01
ASHOKAN____ 23654	44.95 1.77 0.00	41.40 1.55 0.00	41.42 1.63 0.00	40.29 1.59 0.00	40.03 1.65 0.00	46.17 1.99 0.00	62.82 2.99 0.00	71.45 2.88 0.00	57.08 1.72 0.00	49.99 1.22 0.00	45.32 0.89 0.00	44.21 0.82 0.00	43.70 1.19 0.00	45.95 1.42 0.00	50.11 1.65 0.00	55.00 1.96 0.00	58.09 2.39 0.00	75.61 3.67 0.00	66.31 3.28 0.00	58.84 2.91 0.00	54.48 2.74 0.00	47.45 2.34 0.00	43.44 2.11 0.00	42.11 1.93 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.20 3.02 -0.01	42.60 2.75 -0.01	42.42 2.63 -0.01	41.27 2.55 -0.01	40.96 2.57 -0.01	47.32 3.14 -0.01	63.72 3.89 0.00	72.13 3.56 0.00	58.34 2.99 0.01	52.14 3.36 -0.01	47.69 3.24 -0.01	46.58 3.17 -0.03	45.81 3.27 -0.03	47.95 3.38 -0.03	52.13 3.64 -0.03	56.47 3.45 0.01	59.20 3.51 0.01	76.25 4.32 0.01	66.68 3.65 0.01	59.40 3.47 0.01	55.30 3.57 0.01	48.58 3.47 0.00	44.73 3.39 -0.01	43.40 3.22 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	46.20 3.02 -0.01	42.57 2.71 -0.01	42.38 2.58 -0.01	41.23 2.51 -0.01	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.06 3.50 0.00	58.34 2.99 0.01	52.10 3.32 -0.01	47.69 3.24 -0.01	46.58 3.17 -0.03	45.81 3.27 -0.03	47.90 3.34 -0.03	52.13 3.64 -0.03	56.42 3.40 0.01	59.15 3.45 0.01	76.25 4.32 0.01	66.62 3.59 0.01	59.40 3.47 0.01	55.25 3.52 0.01	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT2_1 24094	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT2_2 24095	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT2_3 24096	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT2_4 24097	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT3_1 24098	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT3_2 24099	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT3_3 24100	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT3_4 24101	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT4_1 24102	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT4_2 24103	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT4_3 24104	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01

ASTORIA_GT4_4 24105	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
ASTORIA_GT_1 23523	46.29 3.11 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.30 2.59 0.00	41.03 2.65 -0.01	47.41 3.22 -0.01	63.78 3.95 0.00	72.27 3.70 0.00	58.51 3.16 0.00	52.24 3.46 -0.01	47.73 3.29 -0.01	46.67 3.25 -0.03	45.94 3.40 -0.03	48.04 3.47 -0.03	52.22 3.73 -0.03	56.59 3.55 0.00	59.32 3.62 0.00	76.40 4.46 0.00	66.82 3.78 0.00	59.57 3.64 0.00	55.41 3.67 0.00	48.67 3.56 0.00	44.73 3.39 -0.01	43.44 3.25 -0.01
ASTORIA_GT_10 24110	45.95 2.76 -0.01	42.37 2.51 -0.01	42.26 2.47 -0.01	41.07 2.36 0.00	40.77 2.38 -0.01	47.10 2.92 -0.01	63.48 3.65 0.00	72.20 3.63 0.00	58.51 3.16 0.00	52.10 3.32 -0.02	47.61 3.15 -0.02	46.55 3.12 -0.04	45.82 3.27 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.64 3.61 0.00	59.43 3.73 0.00	76.48 4.53 0.00	66.88 3.85 0.00	59.63 3.69 0.00	55.46 3.73 0.00	48.58 3.47 0.00	44.61 3.27 -0.01	43.28 3.09 -0.01
ASTORIA_GT_11 24225	45.95 2.76 -0.01	42.37 2.51 -0.01	42.26 2.47 -0.01	41.07 2.36 0.00	40.77 2.38 -0.01	47.10 2.92 -0.01	63.48 3.65 0.00	72.20 3.63 0.00	58.51 3.16 0.00	52.10 3.32 -0.02	47.61 3.15 -0.02	46.55 3.12 -0.04	45.82 3.27 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.64 3.61 0.00	59.43 3.73 0.00	76.48 4.53 0.00	66.88 3.85 0.00	59.63 3.69 0.00	55.46 3.73 0.00	48.58 3.47 0.00	44.61 3.27 -0.01	43.28 3.09 -0.01
ASTORIA_GT_12 24226	45.95 2.76 -0.01	42.37 2.51 -0.01	42.26 2.47 -0.01	41.07 2.36 0.00	40.77 2.38 -0.01	47.10 2.92 -0.01	63.48 3.65 0.00	72.20 3.63 0.00	58.51 3.16 0.00	52.10 3.32 -0.02	47.61 3.15 -0.02	46.55 3.12 -0.04	45.82 3.27 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.64 3.61 0.00	59.43 3.73 0.00	76.48 4.53 0.00	66.88 3.85 0.00	59.63 3.69 0.00	55.46 3.73 0.00	48.58 3.47 0.00	44.61 3.27 -0.01	43.28 3.09 -0.01
ASTORIA_GT_13 24227	45.95 2.76 -0.01	42.37 2.51 -0.01	42.26 2.47 -0.01	41.07 2.36 0.00	40.77 2.38 -0.01	47.10 2.92 -0.01	63.48 3.65 0.00	72.20 3.63 0.00	58.51 3.16 0.00	52.10 3.32 -0.02	47.61 3.15 -0.02	46.55 3.12 -0.04	45.82 3.27 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.64 3.61 0.00	59.43 3.73 0.00	76.48 4.53 0.00	66.88 3.85 0.00	59.63 3.69 0.00	55.46 3.73 0.00	48.58 3.47 0.00	44.61 3.27 -0.01	43.28 3.09 -0.01
ASTORIA_GT_5 24106	46.29 3.11 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.30 2.59 0.00	41.03 2.65 -0.01	47.41 3.22 -0.01	63.78 3.95 0.00	72.27 3.70 0.00	58.51 3.16 0.00	52.24 3.46 -0.01	47.73 3.29 -0.01	46.67 3.25 -0.03	45.94 3.40 -0.03	48.04 3.47 -0.03	52.22 3.73 -0.03	56.59 3.55 0.00	59.32 3.62 0.00	76.40 4.46 0.00	66.82 3.78 0.00	59.57 3.64 0.00	55.41 3.67 0.00	48.67 3.56 0.00	44.73 3.39 -0.01	43.44 3.25 -0.01
ASTORIA_GT_7 24107	46.29 3.11 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.30 2.59 0.00	41.03 2.65 -0.01	47.41 3.22 -0.01	63.78 3.95 0.00	72.27 3.70 0.00	58.51 3.16 0.00	52.24 3.46 -0.01	47.73 3.29 -0.01	46.67 3.25 -0.03	45.94 3.40 -0.03	48.04 3.47 -0.03	52.22 3.73 -0.03	56.59 3.55 0.00	59.32 3.62 0.00	76.40 4.46 0.00	66.82 3.78 0.00	59.57 3.64 0.00	55.41 3.67 0.00	48.67 3.56 0.00	44.73 3.39 -0.01	43.44 3.25 -0.01
ASTORIA_GT_8 24108	46.29 3.11 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.30 2.59 0.00	41.03 2.65 -0.01	47.41 3.22 -0.01	63.78 3.95 0.00	72.27 3.70 0.00	58.51 3.16 0.00	52.24 3.46 -0.01	47.73 3.29 -0.01	46.67 3.25 -0.03	45.94 3.40 -0.03	48.04 3.47 -0.03	52.22 3.73 -0.03	56.59 3.55 0.00	59.32 3.62 0.00	76.40 4.46 0.00	66.82 3.78 0.00	59.57 3.64 0.00	55.41 3.67 0.00	48.67 3.56 0.00	44.73 3.39 -0.01	43.44 3.25 -0.01
ASTORIA___2 24149	46.20 3.02 -0.01	42.60 2.75 -0.01	42.42 2.63 -0.01	41.27 2.55 -0.01	40.96 2.57 -0.01	47.32 3.14 -0.01	63.72 3.89 0.00	72.13 3.56 0.00	58.34 2.99 0.01	52.14 3.36 -0.01	47.69 3.24 -0.01	46.58 3.17 -0.03	45.81 3.27 -0.03	47.95 3.38 -0.03	52.13 3.64 -0.03	56.47 3.45 0.01	59.20 3.51 0.01	76.25 4.32 0.01	66.68 3.65 0.01	59.40 3.47 0.01	55.30 3.57 0.01	48.58 3.47 0.00	44.73 3.39 -0.01	43.40 3.22 -0.01
ASTORIA___3 23516	45.95 2.77 -0.01	42.37 2.51 -0.01	42.22 2.43 -0.01	41.07 2.36 0.00	40.81 2.42 -0.01	47.10 2.91 -0.01	63.48 3.65 0.00	72.20 3.63 0.00	58.51 3.15 0.00	52.05 3.27 -0.02	47.66 3.20 -0.02	46.55 3.13 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.64 3.61 0.00	59.38 3.68 0.00	76.48 4.54 0.00	66.88 3.85 0.00	59.57 3.63 0.00	55.41 3.67 0.00	48.58 3.47 0.00	44.65 3.31 -0.01	43.28 3.09 -0.01
ASTORIA___4 23517	45.95 2.76 -0.01	42.37 2.51 -0.01	42.26 2.47 -0.01	41.07 2.36 0.00	40.77 2.38 -0.01	47.10 2.92 -0.01	63.48 3.65 0.00	72.20 3.63 0.00	58.51 3.16 0.00	52.10 3.32 -0.02	47.61 3.15 -0.02	46.55 3.12 -0.04	45.82 3.27 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.64 3.61 0.00	59.43 3.73 0.00	76.48 4.53 0.00	66.88 3.85 0.00	59.63 3.69 0.00	55.46 3.73 0.00	48.58 3.47 0.00	44.61 3.27 -0.01	43.28 3.09 -0.01
ASTORIA___5 23518	45.95 2.77 -0.01	42.37 2.51 -0.01	42.22 2.43 -0.01	41.07 2.36 0.00	40.81 2.42 -0.01	47.10 2.91 -0.01	63.48 3.65 0.00	72.20 3.63 0.00	58.51 3.15 0.00	52.05 3.27 -0.02	47.66 3.20 -0.02	46.55 3.13 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.64 3.61 0.00	59.38 3.68 0.00	76.48 4.54 0.00	66.88 3.85 0.00	59.57 3.63 0.00	55.41 3.67 0.00	48.58 3.47 0.00	44.65 3.31 -0.01	43.28 3.09 -0.01
AST_ENERGY_2_CC3 323677	46.20 3.02 -0.01	42.60 2.75 -0.01	42.42 2.63 -0.01	41.27 2.55 -0.01	40.96 2.57 -0.01	47.32 3.14 -0.01	63.72 3.89 0.00	72.13 3.56 0.00	58.34 2.99 0.01	52.14 3.36 -0.01	47.69 3.24 -0.01	46.58 3.17 -0.03	45.81 3.27 -0.03	47.95 3.38 -0.03	52.13 3.64 -0.03	56.47 3.45 0.01	59.20 3.51 0.01	76.25 4.32 0.01	66.68 3.65 0.01	59.40 3.47 0.01	55.30 3.57 0.01	48.58 3.47 0.00	44.73 3.39 -0.01	43.40 3.22 -0.01
AST_ENERGY_2_CC4 323678	46.20 3.02 -0.01	42.60 2.75 -0.01	42.42 2.63 -0.01	41.27 2.55 -0.01	40.96 2.57 -0.01	47.32 3.14 -0.01	63.72 3.89 0.00	72.13 3.56 0.00	58.34 2.99 0.01	52.14 3.36 -0.01	47.69 3.24 -0.01	46.58 3.17 -0.03	45.81 3.27 -0.03	47.95 3.38 -0.03	52.13 3.64 -0.03	56.47 3.45 0.01	59.20 3.51 0.01	76.25 4.32 0.01	66.68 3.65 0.01	59.40 3.47 0.01	55.30 3.57 0.01	48.58 3.47 0.00	44.73 3.39 -0.01	43.40 3.22 -0.01

ATHENS_STG_1 23668	44.21 1.03 0.00	40.80 0.95 0.00	40.74 0.95 0.00	39.67 0.97 0.00	39.30 0.92 0.00	45.41 1.24 0.00	61.50 1.67 0.00	70.35 1.78 0.00	56.80 1.44 0.00	50.18 1.42 0.00	45.81 1.38 0.00	44.77 1.39 0.00	43.91 1.40 0.00	46.04 1.51 0.00	50.11 1.65 0.00	54.73 1.70 0.00	57.43 1.73 0.00	74.31 2.37 0.00	65.05 2.02 0.00	57.78 1.84 0.00	53.55 1.81 0.00	46.73 1.62 0.00	42.87 1.53 0.00	41.59 1.41 0.00
ATHENS_STG_2 23670	44.21 1.03 0.00	40.80 0.95 0.00	40.74 0.95 0.00	39.67 0.97 0.00	39.30 0.92 0.00	45.41 1.24 0.00	61.50 1.67 0.00	70.35 1.78 0.00	56.80 1.44 0.00	50.18 1.42 0.00	45.81 1.38 0.00	44.77 1.39 0.00	43.91 1.40 0.00	46.04 1.51 0.00	50.11 1.65 0.00	54.73 1.70 0.00	57.43 1.73 0.00	74.31 2.37 0.00	65.05 2.02 0.00	57.78 1.84 0.00	53.55 1.81 0.00	46.73 1.62 0.00	42.87 1.53 0.00	41.59 1.41 0.00
ATHENS_STG_3 23677	44.21 1.03 0.00	40.80 0.95 0.00	40.74 0.95 0.00	39.67 0.97 0.00	39.30 0.92 0.00	45.41 1.24 0.00	61.50 1.67 0.00	70.35 1.78 0.00	56.80 1.44 0.00	50.18 1.42 0.00	45.81 1.38 0.00	44.77 1.39 0.00	43.91 1.40 0.00	46.04 1.51 0.00	50.11 1.65 0.00	54.73 1.70 0.00	57.43 1.73 0.00	74.31 2.37 0.00	65.05 2.02 0.00	57.78 1.84 0.00	53.55 1.81 0.00	46.73 1.62 0.00	42.87 1.53 0.00	41.59 1.41 0.00
AUBURN___LFGE 323710	42.53 -0.65 0.00	39.21 -0.64 0.00	39.07 -0.72 0.00	38.05 -0.66 0.00	37.73 -0.65 0.00	43.25 -0.93 0.00	58.82 -1.02 -0.01	67.68 -0.89 0.00	54.75 -0.61 0.00	48.04 -0.73 0.00	43.68 -0.76 0.00	42.78 -0.61 0.00	41.88 -0.64 0.00	43.91 -0.62 0.00	47.78 -0.68 0.00	52.40 -0.64 0.00	55.25 -0.45 0.00	71.44 -0.50 0.00	62.60 -0.44 0.00	55.49 -0.45 0.00	51.22 -0.52 0.00	44.57 -0.54 0.00	40.76 -0.58 0.00	39.58 -0.60 0.00
BABYLON_RES_REC 323704	45.94 2.77 0.00	42.28 2.43 0.00	41.97 2.19 0.00	40.87 2.17 0.00	40.68 2.30 0.00	47.31 3.14 0.00	63.00 3.17 0.00	71.93 3.36 0.00	57.57 2.22 0.00	51.35 2.58 0.00	47.59 3.16 0.00	46.72 3.34 0.00	45.91 3.40 0.00	47.82 3.30 0.00	51.70 3.25 0.00	56.38 3.34 0.00	59.49 3.79 0.00	77.48 5.54 0.00	67.83 4.79 0.00	59.85 3.91 0.00	55.21 3.47 0.00	49.03 3.92 0.00	45.39 4.05 0.00	43.72 3.54 0.00
BALL_HILL_WT_PWR 323825	40.67 -2.51 0.00	36.86 -2.99 0.00	36.80 -2.98 0.00	35.73 -2.98 0.00	35.15 -3.22 0.00	38.86 -5.30 0.01	52.21 -7.60 0.02	60.19 -8.37 0.01	49.14 -6.20 0.01	43.20 -5.56 0.01	39.46 -4.98 0.00	38.66 -4.73 0.00	37.52 -4.97 0.01	39.44 -5.08 0.01	42.72 -5.72 0.01	46.97 -6.05 0.01	49.96 -5.74 0.00	64.03 -7.91 0.00	56.42 -6.62 0.00	50.74 -5.20 0.00	46.57 -5.17 0.00	40.37 -4.74 0.00	36.87 -4.47 0.00	36.32 -3.86 0.00
BARON_WINDS___WT_PWR 323822	41.32 -1.86 0.00	37.66 -2.19 0.00	37.52 -2.27 0.00	36.46 -2.25 0.00	35.92 -2.46 0.00	40.04 -4.11 0.03	54.17 -5.63 0.04	62.24 -6.31 0.02	50.35 -4.98 0.03	44.12 -4.63 0.02	40.13 -4.31 0.00	39.31 -4.08 0.00	38.24 -4.25 0.03	40.18 -4.32 0.03	43.78 -4.65 0.03	48.08 -4.93 0.03	50.69 -5.01 0.00	65.76 -6.19 0.00	57.87 -5.17 0.00	51.46 -4.48 0.00	47.39 -4.35 0.00	41.18 -3.92 0.00	37.66 -3.68 0.00	36.89 -3.29 0.00
BARRETT_IC_1 23704	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BARRETT_IC_10 23701	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BARRETT_IC_11 23702	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BARRETT_IC_12 23703	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BARRETT_IC_2 23705	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BARRETT_IC_3 23706	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BARRETT_IC_4 23707	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BARRETT_IC_5 23708	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00

BARRETT_IC_6 23709	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BARRETT_IC_7 23710	45.76 2.59 0.00	42.12 2.27 0.00	41.94 2.15 0.00	40.80 2.09 0.00	40.57 2.19 0.00	47.14 2.96 -0.01	62.82 2.99 0.00	71.58 3.02 0.00	57.30 1.94 0.00	51.40 2.63 0.00	47.28 2.84 0.00	46.51 3.12 0.00	45.83 3.32 0.00	47.69 3.16 0.00	51.46 3.00 0.00	56.00 2.97 0.00	58.99 3.29 0.00	76.62 4.68 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.79 3.05 0.00	48.54 3.43 0.00	44.89 3.55 0.00	43.39 3.21 0.00
BARRETT_IC_8 23711	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BARRETT_IC_9 23700	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BARRETT___1 23545	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BARRETT___2 23546	45.76 2.59 0.00	42.12 2.27 0.00	41.90 2.11 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.10 2.91 -0.01	62.83 2.99 -0.01	71.45 2.88 0.00	57.46 2.10 0.00	51.25 2.49 0.00	47.32 2.89 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.00 2.97 0.00	58.93 3.23 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.29 3.36 0.00	54.74 3.00 0.00	48.63 3.52 0.00	44.97 3.64 0.00	43.39 3.22 0.00
BATAVIA___115KV_TB1 55881	41.27 -1.90 0.00	37.66 -2.19 0.00	37.48 -2.31 0.00	36.58 -2.13 0.00	36.08 -2.30 0.00	39.84 -4.33 0.01	53.72 -6.10 0.01	62.46 -6.10 0.01	50.81 -4.54 0.01	44.86 -3.90 0.01	40.79 -3.64 0.00	40.04 -3.34 0.00	38.93 -3.57 0.01	40.82 -3.70 0.01	44.08 -4.36 0.01	48.57 -4.45 0.01	51.58 -4.12 0.00	66.19 -5.76 0.00	58.37 -4.66 0.00	52.24 -3.69 0.00	47.91 -3.83 0.00	41.59 -3.52 0.00	37.95 -3.39 0.00	37.09 -3.09 0.00
BAYONEEC___CTG1 323682	45.68 2.50 -0.01	42.17 2.31 -0.01	41.97 2.19 0.00	40.83 2.13 0.00	40.56 2.19 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.65 3.20 -0.02	46.67 3.26 -0.03	45.81 3.27 -0.03	47.99 3.43 -0.03	52.13 3.64 -0.03	56.74 3.71 0.00	59.49 3.79 0.00	76.90 4.96 0.00	67.20 4.16 0.00	59.74 3.81 0.00	55.47 3.73 0.00	48.45 3.34 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01
BAYONEEC___CTG10 323750	45.68 2.50 -0.01	42.17 2.31 -0.01	41.97 2.19 0.00	40.83 2.13 0.00	40.56 2.19 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.65 3.20 -0.02	46.67 3.26 -0.03	45.81 3.27 -0.03	47.99 3.43 -0.03	52.13 3.64 -0.03	56.74 3.71 0.00	59.49 3.79 0.00	76.90 4.96 0.00	67.20 4.16 0.00	59.74 3.81 0.00	55.47 3.73 0.00	48.45 3.34 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01
BAYONEEC___CTG2 323683	45.68 2.50 -0.01	42.17 2.31 -0.01	41.97 2.19 0.00	40.83 2.13 0.00	40.56 2.19 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.65 3.20 -0.02	46.67 3.26 -0.03	45.81 3.27 -0.03	47.99 3.43 -0.03	52.13 3.64 -0.03	56.74 3.71 0.00	59.49 3.79 0.00	76.90 4.96 0.00	67.20 4.16 0.00	59.74 3.81 0.00	55.47 3.73 0.00	48.45 3.34 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01
BAYONEEC___CTG3 323684	45.68 2.50 -0.01	42.17 2.31 -0.01	41.97 2.19 0.00	40.83 2.13 0.00	40.56 2.19 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.65 3.20 -0.02	46.67 3.26 -0.03	45.81 3.27 -0.03	47.99 3.43 -0.03	52.13 3.64 -0.03	56.74 3.71 0.00	59.49 3.79 0.00	76.90 4.96 0.00	67.20 4.16 0.00	59.74 3.81 0.00	55.47 3.73 0.00	48.45 3.34 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01
BAYONEEC___CTG4 323685	45.68 2.50 -0.01	42.17 2.31 -0.01	41.97 2.19 0.00	40.83 2.13 0.00	40.56 2.19 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.65 3.20 -0.02	46.67 3.26 -0.03	45.81 3.27 -0.03	47.99 3.43 -0.03	52.13 3.64 -0.03	56.74 3.71 0.00	59.49 3.79 0.00	76.90 4.96 0.00	67.20 4.16 0.00	59.74 3.81 0.00	55.47 3.73 0.00	48.45 3.34 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01
BAYONEEC___CTG5 323686	45.68 2.50 -0.01	42.17 2.31 -0.01	41.97 2.19 0.00	40.83 2.13 0.00	40.56 2.19 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.65 3.20 -0.02	46.67 3.26 -0.03	45.81 3.27 -0.03	47.99 3.43 -0.03	52.13 3.64 -0.03	56.74 3.71 0.00	59.49 3.79 0.00	76.90 4.96 0.00	67.20 4.16 0.00	59.74 3.81 0.00	55.47 3.73 0.00	48.45 3.34 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01
BAYONEEC___CTG6 323687	45.68 2.50 -0.01	42.17 2.31 -0.01	41.97 2.19 0.00	40.83 2.13 0.00	40.56 2.19 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.65 3.20 -0.02	46.67 3.26 -0.03	45.81 3.27 -0.03	47.99 3.43 -0.03	52.13 3.64 -0.03	56.74 3.71 0.00	59.49 3.79 0.00	76.90 4.96 0.00	67.20 4.16 0.00	59.74 3.81 0.00	55.47 3.73 0.00	48.45 3.34 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01
BAYONEEC___CTG7 323688	45.68 2.50 -0.01	42.17 2.31 -0.01	41.97 2.19 0.00	40.83 2.13 0.00	40.56 2.19 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.65 3.20 -0.02	46.67 3.26 -0.03	45.81 3.27 -0.03	47.99 3.43 -0.03	52.13 3.64 -0.03	56.74 3.71 0.00	59.49 3.79 0.00	76.90 4.96 0.00	67.20 4.16 0.00	59.74 3.81 0.00	55.47 3.73 0.00	48.45 3.34 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01

BAYONEEC___CTG8 323689	45.68 2.50 -0.01	42.17 2.31 -0.01	41.97 2.19 0.00	40.83 2.13 0.00	40.56 2.19 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.65 3.20 -0.02	46.67 3.26 -0.03	45.81 3.27 -0.03	47.99 3.43 -0.03	52.13 3.64 -0.03	56.74 3.71 0.00	59.49 3.79 0.00	76.90 4.96 0.00	67.20 4.16 0.00	59.74 3.81 0.00	55.47 3.73 0.00	48.45 3.34 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01
BAYONEEC___CTG9 323749	45.68 2.50 -0.01	42.17 2.31 -0.01	41.97 2.19 0.00	40.83 2.13 0.00	40.56 2.19 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.65 3.20 -0.02	46.67 3.26 -0.03	45.81 3.27 -0.03	47.99 3.43 -0.03	52.13 3.64 -0.03	56.74 3.71 0.00	59.49 3.79 0.00	76.90 4.96 0.00	67.20 4.16 0.00	59.74 3.81 0.00	55.47 3.73 0.00	48.45 3.34 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01
BEACON___LESR 323632	43.95 0.78 0.00	40.65 0.80 0.00	40.58 0.80 0.00	39.56 0.85 0.00	39.26 0.88 0.00	45.41 1.24 0.00	61.50 1.67 0.00	70.48 1.92 0.00	56.80 1.44 0.00	50.03 1.27 0.00	45.59 1.15 0.00	44.51 1.13 0.00	43.66 1.15 0.00	45.77 1.25 0.00	49.91 1.45 0.00	54.73 1.70 0.00	57.26 1.56 0.00	74.18 2.23 0.00	65.05 2.02 0.00	57.72 1.79 0.00	53.44 1.70 0.00	46.64 1.53 0.00	42.70 1.36 0.00	41.47 1.29 0.00
BEAVER RIVER___HYD 24048	43.82 0.65 0.00	40.60 0.76 0.00	40.46 0.68 0.00	39.13 0.43 0.00	38.95 0.58 0.00	44.75 0.57 0.00	60.67 0.84 0.00	69.46 0.89 0.00	55.47 0.11 0.00	48.43 -0.34 0.00	43.90 -0.53 0.00	42.82 -0.57 0.00	41.92 -0.60 0.00	44.04 -0.49 0.00	47.97 -0.48 0.00	52.55 -0.48 0.00	55.31 -0.39 0.00	71.59 -0.36 0.00	62.91 -0.13 0.00	55.99 0.06 0.00	51.64 -0.10 0.00	44.97 -0.13 0.00	41.17 -0.16 0.00	40.02 -0.16 0.00
BEEBEE_GT_13 23619	41.53 -1.64 0.00	38.02 -1.83 0.00	37.88 -1.91 0.00	36.93 -1.78 0.00	36.54 -1.84 0.00	41.08 -3.09 0.01	55.39 -4.43 0.01	64.31 -4.25 0.00	52.25 -3.10 0.01	46.18 -2.58 0.00	42.04 -2.40 0.00	41.30 -2.08 0.00	40.25 -2.25 0.01	42.21 -2.32 0.01	45.64 -2.81 0.01	50.22 -2.81 0.01	53.08 -2.62 0.00	68.27 -3.67 0.00	59.95 -3.09 0.00	53.36 -2.57 0.00	49.05 -2.69 0.00	42.63 -2.48 0.00	38.94 -2.40 0.00	37.93 -2.25 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.38 3.19 -0.01	42.77 2.91 -0.01	42.62 2.82 -0.01	41.42 2.71 -0.01	41.15 2.76 -0.01	47.50 3.31 -0.01	63.90 4.07 0.00	72.61 4.05 0.00	58.85 3.49 0.00	52.54 3.76 -0.02	48.01 3.55 -0.02	46.77 3.34 -0.04	46.20 3.66 -0.03	48.22 3.65 -0.04	52.52 4.02 -0.04	57.06 4.03 0.00	59.77 4.07 0.00	77.05 5.11 0.00	67.39 4.35 0.00	60.07 4.14 0.00	55.93 4.19 0.00	49.08 3.97 0.00	45.07 3.72 -0.01	43.69 3.50 -0.01
BETHLEHEM___GRP 23843	43.39 0.22 0.00	40.13 0.28 0.00	40.11 0.32 0.00	39.09 0.39 0.00	38.80 0.42 0.00	44.80 0.62 0.00	60.61 0.78 0.00	69.39 0.82 0.00	56.02 0.66 0.00	49.40 0.63 0.00	45.01 0.58 0.00	43.99 0.61 0.00	43.15 0.64 0.00	45.20 0.67 0.00	49.28 0.82 0.00	53.93 0.90 0.00	56.54 0.84 0.00	73.17 1.22 0.00	64.05 1.01 0.00	56.89 0.95 0.00	52.72 0.98 0.00	46.01 0.90 0.00	42.12 0.79 0.00	40.98 0.80 0.00
BETHLEHEM___GS1 323560	43.39 0.22 0.00	40.13 0.28 0.00	40.07 0.28 0.00	39.09 0.39 0.00	38.80 0.42 0.00	44.80 0.62 0.00	60.61 0.78 0.00	69.39 0.83 0.00	56.02 0.67 0.00	49.35 0.59 0.00	45.06 0.62 0.00	43.99 0.61 0.00	43.15 0.64 0.00	45.20 0.67 0.00	49.28 0.82 0.00	53.93 0.90 0.00	56.48 0.78 0.00	73.17 1.22 0.00	64.04 1.01 0.00	56.89 0.95 0.00	52.72 0.98 0.00	46.01 0.90 0.00	42.16 0.83 0.00	40.98 0.80 0.00
BETHLEHEM___GS2 323561	43.39 0.22 0.00	40.13 0.28 0.00	40.07 0.28 0.00	39.09 0.39 0.00	38.80 0.42 0.00	44.80 0.62 0.00	60.61 0.78 0.00	69.39 0.83 0.00	56.02 0.67 0.00	49.35 0.59 0.00	45.06 0.62 0.00	43.99 0.61 0.00	43.15 0.64 0.00	45.20 0.67 0.00	49.28 0.82 0.00	53.93 0.90 0.00	56.48 0.78 0.00	73.17 1.22 0.00	64.04 1.01 0.00	56.89 0.95 0.00	52.72 0.98 0.00	46.01 0.90 0.00	42.16 0.83 0.00	40.98 0.80 0.00
BETHLEHEM___GS3 323562	43.39 0.22 0.00	40.13 0.28 0.00	40.07 0.28 0.00	39.09 0.39 0.00	38.80 0.42 0.00	44.80 0.62 0.00	60.61 0.78 0.00	69.39 0.83 0.00	56.02 0.67 0.00	49.35 0.59 0.00	45.06 0.62 0.00	43.99 0.61 0.00	43.15 0.64 0.00	45.20 0.67 0.00	49.28 0.82 0.00	53.93 0.90 0.00	56.48 0.78 0.00	73.17 1.22 0.00	64.04 1.01 0.00	56.89 0.95 0.00	52.72 0.98 0.00	46.01 0.90 0.00	42.16 0.83 0.00	40.98 0.80 0.00
BETHLEHEM___STEEL 23779	40.58 -2.59 0.00	36.86 -2.99 0.00	36.68 -3.10 0.00	35.76 -2.94 0.00	35.15 -3.22 0.00	38.82 -5.35 0.02	52.16 -7.66 0.02	60.19 -8.37 0.01	49.14 -6.20 0.02	43.29 -5.46 0.01	39.50 -4.93 0.00	38.70 -4.69 0.00	37.61 -4.89 0.02	39.48 -5.03 0.02	42.82 -5.62 0.02	46.97 -6.05 0.02	49.85 -5.85 0.00	63.81 -8.13 0.00	56.23 -6.81 0.00	50.57 -5.37 0.00	46.41 -5.33 0.00	40.33 -4.78 0.00	36.95 -4.38 0.00	36.20 -3.98 0.00
BETHLHEM_115KV_TB1 79974	43.52 0.35 0.00	40.21 0.36 0.00	40.19 0.40 0.00	39.17 0.46 0.00	38.88 0.50 0.00	44.84 0.66 0.00	60.73 0.90 0.00	69.53 0.96 0.00	56.08 0.72 0.00	49.45 0.68 0.00	45.10 0.67 0.00	44.04 0.65 0.00	43.24 0.72 0.00	45.29 0.76 0.00	49.33 0.87 0.00	54.04 1.01 0.00	56.59 0.89 0.00	73.24 1.29 0.00	64.17 1.13 0.00	56.94 1.01 0.00	52.77 1.03 0.00	46.05 0.95 0.00	42.20 0.87 0.00	41.02 0.84 0.00
BETHPAGE_CC_5 323564	45.76 2.59 0.00	42.08 2.23 0.00	41.82 2.03 0.00	40.72 2.01 0.00	40.49 2.11 0.00	47.09 2.91 0.00	62.70 2.87 0.00	71.51 2.95 0.00	57.35 1.99 0.00	51.15 2.39 0.00	47.41 2.98 0.00	46.59 3.21 0.00	45.78 3.27 0.00	47.69 3.16 0.00	51.56 3.10 0.00	56.16 3.13 0.00	59.21 3.51 0.00	76.98 5.03 0.00	67.45 4.41 0.00	59.52 3.58 0.00	54.95 3.21 0.00	48.72 3.61 0.00	45.14 3.80 0.00	43.47 3.30 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.71 -2.46 0.00	36.94 -2.91 0.00	36.76 -3.02 0.00	35.84 -2.86 0.00	35.23 -3.15 0.00	38.99 -5.17 0.02	52.57 -7.24 0.02	60.40 -8.16 0.01	49.31 -6.03 0.02	43.34 -5.41 0.01	39.55 -4.89 0.00	38.74 -4.64 0.00	37.69 -4.80 0.02	39.57 -4.94 0.02	43.01 -5.43 0.02	47.08 -5.94 0.02	50.02 -5.68 0.00	63.96 -7.99 0.00	56.35 -6.68 0.00	50.68 -5.26 0.00	46.51 -5.23 0.00	40.42 -4.69 0.00	37.00 -4.34 0.00	36.24 -3.94 0.00
BINGHAMTON___COGEN 23790	43.04 -0.13 0.00	39.65 -0.20 0.00	39.51 -0.28 0.00	38.47 -0.23 0.00	38.11 -0.27 0.00	43.60 -0.57 0.00	59.23 -0.60 0.00	67.95 -0.62 0.00	54.91 -0.44 0.00	48.33 -0.44 0.00	43.99 -0.44 0.00	43.04 -0.35 0.00	42.13 -0.38 0.00	44.22 -0.31 0.00	48.12 -0.34 0.00	52.71 -0.32 0.00	55.53 -0.17 0.00	71.73 -0.22 0.00	62.85 -0.19 0.00	55.82 -0.11 0.00	51.53 -0.21 0.00	44.88 -0.23 0.00	41.09 -0.25 0.00	39.94 -0.24 0.00

BIXINCNT_115KV_LOAD 355685	40.84 -2.33 0.00	37.06 -2.79 0.00	36.84 -2.94 0.00	35.80 -2.90 0.00	35.08 -3.30 0.00	38.77 -5.39 0.02	52.21 -7.60 0.02	59.44 -9.12 0.01	48.09 -7.25 0.02	42.03 -6.73 0.01	38.48 -5.95 0.00	37.57 -5.81 0.00	36.46 -6.04 0.02	38.28 -6.23 0.02	41.70 -6.74 0.02	45.59 -7.42 0.02	48.74 -6.96 0.00	62.45 -9.50 0.00	55.09 -7.94 0.00	49.56 -6.38 0.00	45.48 -6.26 0.00	39.47 -5.64 0.00	36.09 -5.25 0.00	35.32 -4.86 0.00
BLACK RIVER___HYD 24047	43.61 0.43 0.00	40.45 0.60 0.00	40.27 0.48 0.00	38.82 0.12 0.00	38.72 0.34 0.00	44.49 0.31 0.00	60.43 0.60 0.00	69.25 0.69 0.00	55.47 0.11 0.00	48.33 -0.44 0.00	43.68 -0.76 0.00	42.65 -0.74 0.00	41.75 -0.76 0.00	43.86 -0.67 0.00	47.78 -0.68 0.00	52.55 -0.48 0.00	55.48 -0.22 0.00	71.94 0.00 0.00	63.29 0.25 0.00	56.38 0.45 0.00	51.89 0.16 0.00	45.02 -0.09 0.00	41.17 -0.16 0.00	40.02 -0.16 0.00
BLACKRVR_115KV_TB2 79977	43.61 0.43 0.00	40.45 0.60 0.00	40.27 0.48 0.00	38.82 0.12 0.00	38.72 0.35 0.00	44.49 0.31 0.00	60.43 0.60 0.00	69.25 0.69 0.00	55.47 0.11 0.00	48.33 -0.44 0.00	43.72 -0.71 0.00	42.65 -0.74 0.00	41.75 -0.77 0.00	43.86 -0.67 0.00	47.78 -0.68 0.00	52.56 -0.48 0.00	55.42 -0.28 0.00	71.94 0.00 0.00	63.29 0.25 0.00	56.38 0.45 0.00	51.89 0.16 0.00	45.02 -0.09 0.00	41.17 -0.17 0.00	40.02 -0.16 0.00
BLDWN_LI_69_KV_BK4 356085	45.94 2.76 0.00	42.28 2.43 0.00	42.06 2.27 0.00	40.91 2.21 0.00	40.68 2.30 0.00	47.32 3.14 0.00	63.12 3.29 0.00	72.06 3.50 0.00	57.68 2.33 0.00	51.59 2.83 0.00	47.54 3.11 0.00	46.77 3.38 0.00	46.08 3.57 0.00	48.00 3.47 0.00	51.85 3.39 0.00	56.48 3.45 0.00	59.54 3.84 0.00	77.41 5.47 0.00	67.83 4.79 0.00	59.85 3.92 0.00	55.31 3.57 0.00	48.94 3.83 0.00	45.14 3.80 0.00	43.63 3.46 0.00
BLISS_WT_PWR 323608	40.84 -2.33 0.00	37.02 -2.83 0.00	36.89 -2.90 0.00	35.76 -2.94 0.00	35.04 -3.34 0.00	38.59 -5.57 0.02	51.85 -7.96 0.02	58.89 -9.67 0.01	47.65 -7.69 0.02	41.54 -7.22 0.01	38.08 -6.36 0.00	37.18 -6.21 0.00	35.95 -6.55 0.02	37.79 -6.73 0.02	41.22 -7.22 0.02	45.11 -7.90 0.02	48.29 -7.41 0.00	61.87 -10.07 0.00	54.59 -8.45 0.00	49.11 -6.83 0.00	45.06 -6.67 0.00	39.06 -6.04 0.00	35.63 -5.70 0.00	35.00 -5.18 0.00
BLUESTONE___WT_PWR 323821	44.77 1.60 0.00	41.40 1.55 0.00	41.22 1.43 0.00	39.83 1.12 0.00	39.53 1.15 0.00	45.24 1.06 -0.01	61.39 1.55 -0.01	70.21 1.64 0.00	56.58 1.22 -0.01	49.45 0.68 0.00	44.61 0.18 0.00	43.69 0.31 0.00	42.82 0.30 -0.01	45.11 0.58 -0.01	49.24 0.77 -0.01	54.20 1.17 -0.01	57.09 1.39 0.00	74.96 3.02 0.00	65.68 2.65 0.00	58.39 2.46 0.00	53.81 2.07 0.00	45.96 0.85 0.00	42.08 0.74 0.00	40.94 0.76 0.00
BLUE_CIRC_CHEM_DRP 24182	44.04 0.86 0.00	40.69 0.84 0.00	40.66 0.88 0.00	39.60 0.89 0.00	39.26 0.88 0.00	45.33 1.15 0.00	61.33 1.50 0.00	70.21 1.65 0.00	56.52 1.16 0.00	49.74 0.98 0.00	45.28 0.84 0.00	44.21 0.82 0.00	43.41 0.89 0.00	45.51 0.98 0.00	49.67 1.21 0.00	54.41 1.38 0.00	57.04 1.34 0.00	73.89 1.94 0.00	64.74 1.70 0.00	57.50 1.57 0.00	53.24 1.50 0.00	46.46 1.35 0.00	42.58 1.24 0.00	41.38 1.21 0.00
BOC_GAS_DRP 24189	43.69 0.52 0.00	40.37 0.52 0.00	40.35 0.56 0.00	39.29 0.58 0.00	38.95 0.58 0.00	44.97 0.80 0.00	60.85 1.02 0.00	69.66 1.10 0.00	56.24 0.89 0.00	49.60 0.83 0.00	45.24 0.80 0.00	44.17 0.78 0.00	43.36 0.85 0.00	45.42 0.89 0.00	49.47 1.02 0.00	54.15 1.11 0.00	56.76 1.06 0.00	73.38 1.44 0.00	64.30 1.26 0.00	57.11 1.17 0.00	52.88 1.14 0.00	46.14 1.04 0.00	42.29 0.95 0.00	41.10 0.92 0.00
BOONVILLE_115KV_TB1 79983	43.99 0.82 0.00	40.73 0.88 0.00	40.58 0.80 0.00	39.33 0.62 0.00	39.11 0.73 0.00	44.97 0.80 0.00	60.97 1.14 0.00	69.87 1.30 0.00	56.08 0.72 0.00	49.11 0.34 0.00	44.61 0.18 0.00	43.56 0.17 0.00	42.68 0.17 0.00	44.84 0.31 0.00	48.84 0.39 0.00	53.62 0.58 0.00	56.42 0.72 0.00	72.88 0.94 0.00	63.98 0.95 0.00	56.83 0.89 0.00	52.46 0.72 0.00	45.56 0.45 0.00	41.71 0.37 0.00	40.54 0.36 0.00
BORALEX_4TH_BRANCH 23824	44.30 1.12 0.00	41.01 1.16 0.00	40.94 1.15 0.00	39.91 1.20 0.00	39.64 1.27 0.00	46.12 1.94 0.00	62.46 2.63 0.00	71.52 2.95 0.00	57.74 2.38 0.00	50.77 2.00 0.00	46.26 1.82 0.00	45.12 1.74 0.00	44.26 1.74 0.00	46.44 1.91 0.00	50.64 2.18 0.00	55.53 2.49 0.00	58.26 2.56 0.00	75.40 3.45 0.00	66.06 3.03 0.00	58.62 2.68 0.00	54.27 2.54 0.00	47.41 2.30 0.00	43.40 2.07 0.00	42.11 1.93 0.00
BOWLINE___1 23526	45.12 1.94 0.00	41.60 1.75 0.00	41.50 1.71 0.00	40.37 1.66 0.00	40.11 1.73 0.00	46.30 2.12 0.00	62.82 2.99 0.00	71.72 3.16 0.00	57.91 2.55 0.00	51.30 2.53 0.00	46.92 2.49 0.00	45.86 2.47 0.00	45.06 2.55 0.00	47.20 2.67 0.00	51.32 2.86 0.00	56.00 2.97 0.00	58.76 3.06 0.00	76.04 4.10 0.00	66.57 3.53 0.00	59.07 3.13 0.00	54.79 3.05 0.00	47.86 2.75 0.00	43.90 2.56 0.00	42.51 2.33 0.00
BOWLINE___2 23595	45.12 1.94 0.00	41.60 1.75 0.00	41.50 1.71 0.00	40.37 1.66 0.00	40.11 1.73 0.00	46.30 2.12 0.00	62.82 2.99 0.00	71.72 3.16 0.00	57.91 2.55 0.00	51.30 2.53 0.00	46.92 2.49 0.00	45.86 2.47 0.00	45.06 2.55 0.00	47.20 2.67 0.00	51.32 2.86 0.00	56.00 2.97 0.00	58.76 3.06 0.00	76.04 4.10 0.00	66.57 3.53 0.00	59.07 3.13 0.00	54.79 3.05 0.00	47.86 2.75 0.00	43.90 2.56 0.00	42.51 2.33 0.00
BRADY___115KV_TB2 356060	44.69 1.51 0.00	41.28 1.43 0.00	41.22 1.43 0.00	39.98 1.28 0.00	39.76 1.38 0.00	45.86 1.68 0.00	62.16 2.33 0.00	71.10 2.54 0.00	57.13 1.77 0.00	49.99 1.22 0.00	45.55 1.11 0.00	44.17 0.78 0.00	43.11 0.60 0.00	45.15 0.62 0.00	49.23 0.78 0.00	53.78 0.74 0.00	56.48 0.78 0.00	72.74 0.79 0.00	63.79 0.76 0.00	56.66 0.73 0.00	52.46 0.72 0.00	45.74 0.63 0.00	42.00 0.66 0.00	40.86 0.68 0.00
BRANSCOMB___SOLAR 323811	44.47 1.29 0.00	41.12 1.27 0.00	41.06 1.27 0.00	39.98 1.28 0.00	39.64 1.26 0.00	45.95 1.77 0.00	62.23 2.40 0.00	71.38 2.81 0.00	57.41 2.05 0.00	50.43 1.66 0.00	45.86 1.42 0.00	44.69 1.30 0.00	43.75 1.23 0.00	45.86 1.33 0.00	50.11 1.65 0.00	55.05 2.01 0.00	57.65 1.95 0.00	74.82 2.88 0.00	65.56 2.52 0.00	58.18 2.24 0.00	53.96 2.22 0.00	47.05 1.94 0.00	43.11 1.78 0.00	41.83 1.65 0.00
BRDGHMPT_69_KV_BK1 55812	46.41 3.24 0.00	42.80 2.95 0.00	42.65 2.86 0.00	41.65 2.94 0.00	41.52 3.15 0.00	48.37 4.20 0.00	64.32 4.49 0.00	73.50 4.94 0.00	58.46 3.10 0.00	52.08 3.32 0.00	47.99 3.55 0.00	47.07 3.69 0.00	46.21 3.70 0.00	48.00 3.47 0.00	51.89 3.44 0.00	56.53 3.50 0.00	59.77 4.07 0.00	77.99 6.04 0.00	68.21 5.17 0.00	59.96 4.03 0.00	55.20 3.47 0.00	49.12 4.01 0.00	45.35 4.01 0.00	44.00 3.82 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	46.20 3.02 0.00	42.52 2.67 0.00	42.25 2.47 0.00	41.14 2.44 0.00	40.95 2.57 0.00	47.67 3.49 0.00	63.36 3.53 0.00	72.41 3.84 0.00	57.74 2.38 0.00	51.69 2.93 0.00	47.72 3.29 0.00	46.94 3.56 0.00	46.29 3.78 0.00	48.13 3.61 0.00	51.94 3.49 0.00	56.64 3.61 0.00	59.82 4.12 0.00	77.84 5.90 0.00	68.21 5.17 0.00	60.07 4.14 0.00	55.41 3.67 0.00	49.26 4.15 0.00	45.55 4.22 0.00	44.00 3.82 0.00
BRISTLHL_115KV_TB1 79998	41.79 -1.38 0.00	38.61 -1.24 0.00	38.48 -1.31 0.00	37.47 -1.24 0.00	37.15 -1.23 0.00	42.63 -1.55 0.00	57.80 -2.03 0.00	66.37 -2.19 0.00	53.75 -1.61 0.00	47.30 -1.46 0.00	43.01 -1.42 0.00	42.08 -1.30 0.00	41.24 -1.28 0.00	43.19 -1.34 0.00	47.00 -1.45 0.00	51.50 -1.54 0.00	54.20 -1.50 0.00	70.00 -1.94 0.00	61.34 -1.70 0.00	54.48 -1.45 0.00	50.29 -1.45 0.00	43.80 -1.31 0.00	40.10 -1.24 0.00	38.97 -1.21 0.00
BROOKHAVEN___DRP 24191	45.89 2.72 0.00	42.24 2.39 0.00	42.02 2.23 0.00	40.95 2.24 0.00	40.76 2.38 0.00	47.49 3.31 0.00	62.94 3.11 0.00	72.00 3.43 0.00	57.41 2.05 0.00	51.40 2.63 0.00	47.41 2.98 0.00	46.64 3.25 0.00	45.95 3.44 0.00	47.82 3.30 0.00	51.60 3.15 0.00	56.21 3.18 0.00	59.43 3.73 0.00	77.41 5.47 0.00	67.77 4.73 0.00	59.68 3.75 0.00	55.05 3.31 0.00	48.99 3.88 0.00	45.35 4.01 0.00	43.84 3.66 0.00
BROOKLYN_NAVY_YARD 23515	45.64 2.46 -0.01	42.09 2.23 -0.01	41.94 2.15 0.00	40.80 2.09 0.00	40.49 2.11 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.61 4.04 0.00	58.74 3.38 0.00	52.15 3.36 -0.02	47.69 3.24 -0.02	46.67 3.26 -0.03	45.86 3.32 -0.03	48.04 3.48 -0.03	52.17 3.68 -0.03	56.80 3.77 0.00	59.60 3.90 0.00	76.98 5.03 0.00	67.33 4.29 0.00	59.85 3.91 0.00	55.51 3.77 0.00	48.49 3.38 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01
BROOKLYN___ARMY_DRP 323595	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
BROOME_2_LFGE 323671	43.05 -0.13 0.00	39.65 -0.20 0.00	39.55 -0.24 0.00	38.48 -0.23 0.00	38.11 -0.27 0.00	43.60 -0.58 0.00	59.17 -0.66 0.00	67.88 -0.69 0.00	54.91 -0.44 0.00	48.33 -0.44 0.00	43.99 -0.44 0.00	43.04 -0.35 0.00	42.13 -0.38 0.00	44.22 -0.31 0.00	48.12 -0.34 0.00	52.71 -0.32 0.00	55.53 -0.17 0.00	71.73 -0.22 0.00	62.85 -0.19 0.00	55.82 -0.11 0.00	51.58 -0.15 0.00	44.88 -0.22 0.00	41.09 -0.25 0.00	39.94 -0.24 0.00
BROOME___LFGE 323600	43.05 -0.13 0.00	39.65 -0.20 0.00	39.55 -0.24 0.00	38.48 -0.23 0.00	38.11 -0.27 0.00	43.60 -0.58 0.00	59.17 -0.66 0.00	67.88 -0.69 0.00	54.91 -0.44 0.00	48.33 -0.44 0.00	43.99 -0.44 0.00	43.04 -0.35 0.00	42.13 -0.38 0.00	44.22 -0.31 0.00	48.12 -0.34 0.00	52.71 -0.32 0.00	55.53 -0.17 0.00	71.73 -0.22 0.00	62.85 -0.19 0.00	55.82 -0.11 0.00	51.58 -0.15 0.00	44.88 -0.22 0.00	41.09 -0.25 0.00	39.94 -0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	43.99 0.82 0.00	40.69 0.84 0.00	40.62 0.84 0.00	39.33 0.62 0.00	39.15 0.77 0.00	44.97 0.80 0.00	60.97 1.14 0.00	69.80 1.23 0.00	55.91 0.55 0.00	48.91 0.15 0.00	44.48 0.04 0.00	43.21 -0.17 0.00	42.26 -0.26 0.00	44.31 -0.22 0.00	48.31 -0.15 0.00	52.77 -0.27 0.00	55.31 -0.39 0.00	71.30 -0.65 0.00	62.60 -0.44 0.00	55.66 -0.28 0.00	51.48 -0.26 0.00	45.02 -0.09 0.00	41.29 -0.04 0.00	40.18 0.00 0.00
BROWNSV1_27_KV_LOAD 356125	45.99 2.81 -0.01	42.41 2.55 -0.01	42.25 2.47 0.00	41.07 2.36 0.00	40.76 2.38 0.00	47.14 2.96 -0.01	63.96 4.13 0.00	73.09 4.53 0.00	59.12 3.76 0.00	52.49 3.71 -0.02	47.96 3.51 -0.02	46.98 3.56 -0.03	46.11 3.57 -0.03	48.30 3.74 -0.03	52.46 3.97 -0.03	57.17 4.14 0.00	59.99 4.29 0.00	77.48 5.54 0.00	67.77 4.73 0.00	60.24 4.31 0.00	55.88 4.14 0.00	48.76 3.65 0.00	44.73 3.39 -0.01	43.36 3.17 -0.01
BURROWS___LYONSDAL 23803	43.95 0.78 0.00	40.69 0.84 0.00	40.54 0.76 0.00	39.25 0.54 0.00	39.07 0.69 0.00	44.93 0.75 0.00	60.85 1.02 0.00	69.73 1.17 0.00	55.80 0.44 0.00	48.86 0.10 0.00	44.35 -0.09 0.00	43.30 -0.09 0.00	42.43 -0.09 0.00	44.57 0.04 0.00	48.55 0.10 0.00	53.30 0.27 0.00	56.03 0.33 0.00	72.52 0.58 0.00	63.67 0.63 0.00	56.55 0.62 0.00	52.15 0.41 0.00	45.38 0.27 0.00	41.50 0.17 0.00	40.34 0.16 0.00
CAITHNESS_CC_1 323624	45.81 2.63 0.00	42.16 2.31 0.00	41.90 2.11 0.00	40.83 2.13 0.00	40.64 2.26 0.00	47.31 3.14 0.00	62.76 2.93 0.00	71.58 3.01 0.00	57.29 1.94 0.00	51.11 2.34 0.00	47.41 2.98 0.00	46.55 3.17 0.00	45.74 3.23 0.00	47.60 3.07 0.00	51.51 3.05 0.00	56.05 3.02 0.00	59.21 3.51 0.00	77.13 5.18 0.00	67.58 4.54 0.00	59.52 3.58 0.00	54.89 3.16 0.00	48.94 3.83 0.00	45.39 4.05 0.00	43.72 3.54 0.00
CALPINE BETH_PAGE_GT4 24209	45.72 2.55 0.00	42.08 2.23 0.00	41.82 2.03 0.00	40.72 2.01 0.00	40.49 2.11 0.00	47.09 2.92 0.00	62.70 2.87 0.00	71.65 3.09 0.00	57.35 1.99 0.00	51.35 2.58 0.00	47.32 2.89 0.00	46.59 3.21 0.00	45.91 3.40 0.00	47.82 3.30 0.00	51.56 3.10 0.00	56.21 3.18 0.00	59.26 3.56 0.00	77.05 5.11 0.00	67.45 4.41 0.00	59.57 3.64 0.00	55.00 3.26 0.00	48.67 3.56 0.00	44.97 3.64 0.00	43.47 3.29 0.00
CALPINE_BETH_PAGE_GT_4 323586	45.72 2.55 0.00	42.04 2.19 0.00	41.82 2.03 0.00	40.72 2.01 0.00	40.49 2.11 0.00	47.05 2.87 0.00	62.70 2.87 0.00	71.58 3.01 0.00	57.41 2.05 0.00	51.20 2.44 0.00	47.41 2.98 0.00	46.59 3.21 0.00	45.78 3.27 0.00	47.69 3.16 0.00	51.56 3.10 0.00	56.21 3.18 0.00	59.21 3.51 0.00	77.05 5.11 0.00	67.45 4.41 0.00	59.52 3.58 0.00	54.95 3.21 0.00	48.76 3.65 0.00	45.10 3.76 0.00	43.43 3.25 0.00
CALPINE_BP_GT1 23823	45.72 2.55 0.00	42.04 2.19 0.00	41.82 2.03 0.00	40.72 2.01 0.00	40.49 2.11 0.00	47.05 2.87 0.00	62.70 2.87 0.00	71.58 3.01 0.00	57.41 2.05 0.00	51.20 2.44 0.00	47.41 2.98 0.00	46.59 3.21 0.00	45.78 3.27 0.00	47.69 3.16 0.00	51.56 3.10 0.00	56.21 3.18 0.00	59.21 3.51 0.00	77.05 5.11 0.00	67.45 4.41 0.00	59.52 3.58 0.00	54.95 3.21 0.00	48.76 3.65 0.00	45.10 3.76 0.00	43.43 3.25 0.00
CALSPAN___DRP 24200	40.58 -2.59 0.00	36.86 -2.99 0.00	36.68 -3.10 0.00	35.76 -2.94 0.00	35.15 -3.22 0.00	38.82 -5.35 0.02	52.16 -7.66 0.02	60.19 -8.37 0.01	49.14 -6.20 0.02	43.29 -5.46 0.01	39.50 -4.93 0.00	38.70 -4.69 0.00	37.61 -4.89 0.02	39.48 -5.03 0.02	42.82 -5.62 0.02	46.97 -6.05 0.02	49.85 -5.85 0.00	63.81 -8.13 0.00	56.23 -6.81 0.00	50.57 -5.37 0.00	46.41 -5.33 0.00	40.33 -4.78 0.00	36.95 -4.38 0.00	36.20 -3.98 0.00

CALVERTON___SOLAR 323806	46.02 2.85 0.00	42.36 2.51 0.00	42.14 2.35 0.00	41.07 2.36 0.00	40.91 2.53 0.00	47.62 3.45 0.00	63.24 3.41 0.00	72.13 3.56 0.00	57.63 2.27 0.00	51.35 2.58 0.00	47.64 3.20 0.00	46.72 3.34 0.00	45.91 3.40 0.00	47.78 3.25 0.00	51.75 3.30 0.00	56.32 3.29 0.00	59.54 3.84 0.00	77.63 5.68 0.00	68.02 4.98 0.00	59.85 3.91 0.00	55.15 3.41 0.00	49.17 4.06 0.00	45.55 4.22 0.00	43.92 3.74 0.00
CANDIGU_WT_PWR 323617	41.32 -1.86 0.00	37.66 -2.19 0.00	37.52 -2.27 0.00	36.46 -2.25 0.00	35.92 -2.46 0.00	40.04 -4.11 0.03	54.17 -5.63 0.04	62.24 -6.31 0.02	50.35 -4.98 0.03	44.12 -4.63 0.02	40.13 -4.31 0.00	39.31 -4.08 0.00	38.24 -4.25 0.03	40.18 -4.32 0.03	43.78 -4.65 0.03	48.08 -4.93 0.03	50.69 -5.01 0.00	65.76 -6.19 0.00	57.87 -5.17 0.00	51.46 -4.48 0.00	47.39 -4.35 0.00	41.18 -3.92 0.00	37.66 -3.68 0.00	36.89 -3.29 0.00
CARR STREET_E_SYR 24060	42.18 -0.99 0.00	38.93 -0.91 0.00	38.83 -0.96 0.00	37.78 -0.93 0.00	37.46 -0.92 0.00	42.99 -1.19 0.00	58.28 -1.56 0.00	66.99 -1.57 0.00	54.25 -1.11 0.00	47.74 -1.03 0.00	43.42 -1.02 0.00	42.52 -0.87 0.00	41.66 -0.85 0.00	43.64 -0.89 0.00	47.49 -0.97 0.00	52.02 -1.01 0.00	54.75 -0.95 0.00	70.65 -1.29 0.00	61.90 -1.13 0.00	54.93 -1.01 0.00	50.75 -0.98 0.00	44.16 -0.95 0.00	40.43 -0.91 0.00	39.33 -0.85 0.00
CARTHAGE___PAPER 23857	43.78 0.60 0.00	40.60 0.76 0.00	40.46 0.68 0.00	39.05 0.35 0.00	38.91 0.54 0.00	44.75 0.57 0.00	60.73 0.90 0.00	69.60 1.03 0.00	55.58 0.22 0.00	48.48 -0.29 0.00	43.86 -0.58 0.00	42.78 -0.61 0.00	41.88 -0.64 0.00	43.95 -0.58 0.00	47.88 -0.58 0.00	52.55 -0.48 0.00	55.42 -0.28 0.00	71.80 -0.14 0.00	63.16 0.13 0.00	56.27 0.34 0.00	51.84 0.10 0.00	45.06 -0.05 0.00	41.21 -0.12 0.00	40.06 -0.12 0.00
CASSADAGA_WT_PWR 323784	40.72 -2.46 0.00	36.78 -3.07 0.00	36.60 -3.18 0.00	35.42 -3.29 0.00	34.62 -3.76 0.00	38.11 -6.05 0.02	51.13 -8.68 0.02	58.54 -10.01 0.01	47.81 -7.53 0.02	41.83 -6.92 0.01	38.17 -6.26 0.00	37.36 -6.03 0.00	36.33 -6.16 0.02	38.19 -6.32 0.02	41.51 -6.93 0.02	45.75 -7.26 0.02	48.79 -6.91 0.00	62.73 -9.21 0.00	55.34 -7.69 0.00	50.00 -5.93 0.00	45.84 -5.90 0.00	39.65 -5.46 0.00	36.25 -5.09 0.00	35.92 -4.26 0.00
CE_DUNWOOD___DRP 24194	45.29 2.12 0.00	41.84 1.99 0.00	41.70 1.91 0.00	40.53 1.82 0.00	40.22 1.84 0.00	46.47 2.30 0.00	63.06 3.23 0.00	72.00 3.43 0.00	58.18 2.82 0.00	51.64 2.88 0.00	47.15 2.71 0.00	46.12 2.73 0.00	45.36 2.85 0.00	47.47 2.94 0.00	51.61 3.15 0.00	56.27 3.24 0.00	59.04 3.34 0.00	76.33 4.39 0.00	66.82 3.78 0.00	59.35 3.41 0.00	55.00 3.26 0.00	48.04 2.93 0.00	44.06 2.73 0.00	42.71 2.53 0.00
CE_MILLWOOD___DRP 24193	45.25 2.07 0.00	41.72 1.87 0.00	41.62 1.83 0.00	40.49 1.78 0.00	40.18 1.80 0.00	46.43 2.25 0.00	62.94 3.11 0.00	71.93 3.36 0.00	58.13 2.77 0.00	51.55 2.78 0.00	47.06 2.62 0.00	46.03 2.65 0.00	45.28 2.76 0.00	47.38 2.85 0.00	51.51 3.05 0.00	56.16 3.13 0.00	58.93 3.23 0.00	76.19 4.24 0.00	66.69 3.66 0.00	59.24 3.30 0.00	54.95 3.21 0.00	47.99 2.89 0.00	43.98 2.65 0.00	42.67 2.49 0.00
CE_NYC2_DRP 24202	45.95 2.76 -0.01	42.37 2.51 -0.01	42.26 2.47 -0.01	41.03 2.32 0.00	40.77 2.38 -0.01	47.10 2.92 -0.01	63.54 3.71 0.00	72.27 3.70 0.00	58.57 3.21 0.00	52.15 3.36 -0.02	47.66 3.20 -0.02	46.59 3.17 -0.04	45.86 3.32 -0.03	47.96 3.38 -0.04	52.13 3.63 -0.04	56.69 3.66 0.00	59.49 3.79 0.00	76.55 4.60 0.00	66.95 3.91 0.00	59.68 3.75 0.00	55.46 3.73 0.00	48.58 3.47 0.00	44.61 3.27 -0.01	43.28 3.09 -0.01
CE_NYC_DRP 24195	45.73 2.55 -0.01	42.21 2.35 -0.01	42.06 2.27 0.00	40.87 2.17 0.00	40.60 2.23 0.00	46.92 2.74 -0.01	63.60 3.77 0.00	72.68 4.11 0.00	58.79 3.43 0.00	52.24 3.46 -0.02	47.69 3.24 -0.02	46.71 3.30 -0.03	45.90 3.36 -0.03	48.08 3.52 -0.03	52.22 3.73 -0.03	56.85 3.82 0.00	59.65 3.95 0.00	77.05 5.11 0.00	67.32 4.29 0.00	59.85 3.92 0.00	55.57 3.83 0.00	48.49 3.38 0.00	44.53 3.18 -0.01	43.16 2.97 -0.01
CHAFFEE___LFGE 323603	40.67 -2.51 0.00	36.90 -2.95 0.00	36.84 -2.94 0.00	35.80 -2.90 0.00	35.23 -3.15 0.00	38.95 -5.21 0.02	52.33 -7.48 0.02	60.33 -8.23 0.01	49.36 -5.98 0.02	43.34 -5.41 0.01	39.59 -4.84 0.00	38.78 -4.60 0.00	37.65 -4.85 0.02	39.57 -4.94 0.02	42.92 -5.53 0.02	47.13 -5.89 0.02	50.02 -5.68 0.00	64.03 -7.91 0.00	56.35 -6.68 0.00	50.74 -5.20 0.00	46.57 -5.17 0.00	40.42 -4.69 0.00	36.87 -4.47 0.00	36.32 -3.86 0.00
CHATEAUG_35_KV_LOAD 355732	43.61 0.43 0.00	40.25 0.40 0.00	40.23 0.44 0.00	39.13 0.43 0.00	38.88 0.50 0.00	44.93 0.75 0.00	60.97 1.14 0.00	69.73 1.17 0.00	56.08 0.72 0.00	49.21 0.44 0.00	44.84 0.40 0.00	43.52 0.13 0.00	42.47 -0.04 0.00	44.31 -0.22 0.00	48.12 -0.34 0.00	52.45 -0.58 0.00	54.92 -0.78 0.00	70.50 -1.44 0.00	61.65 -1.39 0.00	54.65 -1.29 0.00	50.55 -1.19 0.00	44.07 -1.04 0.00	40.47 -0.87 0.00	39.38 -0.80 0.00
CHATEAUG_WT_PWR 323614	43.48 0.30 0.00	40.13 0.28 0.00	40.10 0.32 0.00	39.01 0.31 0.00	38.76 0.38 0.00	44.75 0.57 0.00	60.73 0.90 0.00	69.53 0.96 0.00	55.97 0.61 0.00	49.15 0.39 0.00	44.79 0.35 0.00	43.52 0.13 0.00	42.51 0.00 0.00	44.31 -0.22 0.00	48.12 -0.34 0.00	52.45 -0.58 0.00	54.87 -0.83 0.00	70.43 -1.51 0.00	61.52 -1.51 0.00	54.54 -1.40 0.00	50.45 -1.29 0.00	44.02 -1.08 0.00	40.43 -0.91 0.00	39.33 -0.85 0.00
CHAT_HIGH_FALL_HYD 323578	43.61 0.43 0.00	40.25 0.40 0.00	40.23 0.44 0.00	39.13 0.43 0.00	38.88 0.50 0.00	44.93 0.75 0.00	60.97 1.14 0.00	69.73 1.17 0.00	56.08 0.72 0.00	49.21 0.44 0.00	44.84 0.40 0.00	43.52 0.13 0.00	42.47 -0.04 0.00	44.31 -0.22 0.00	48.12 -0.34 0.00	52.45 -0.58 0.00	54.92 -0.78 0.00	70.50 -1.44 0.00	61.65 -1.39 0.00	54.65 -1.29 0.00	50.55 -1.19 0.00	44.07 -1.04 0.00	40.47 -0.87 0.00	39.38 -0.80 0.00
CHAUTAUQUA___LFGE 323629	40.80 -2.37 0.00	36.94 -2.91 0.00	36.84 -2.94 0.00	35.73 -2.98 0.00	35.12 -3.26 0.00	38.77 -5.39 0.02	52.09 -7.72 0.02	59.98 -8.57 0.01	48.98 -6.36 0.02	42.95 -5.80 0.01	39.24 -5.20 0.00	38.44 -4.95 0.00	37.31 -5.19 0.02	39.21 -5.30 0.02	42.53 -5.91 0.02	46.81 -6.20 0.02	49.85 -5.85 0.00	63.96 -7.99 0.00	56.35 -6.68 0.00	50.74 -5.20 0.00	46.57 -5.17 0.00	40.37 -4.74 0.00	36.87 -4.47 0.00	36.36 -3.82 0.00
CHERRYST_13_KV_LD 356241	45.86 2.68 -0.01	42.29 2.43 -0.01	42.14 2.35 0.00	40.95 2.24 0.00	40.68 2.30 0.00	47.01 2.83 -0.01	63.78 3.95 0.00	72.89 4.32 0.00	58.96 3.60 0.00	52.39 3.61 -0.02	47.87 3.42 -0.02	46.85 3.43 -0.03	46.02 3.49 -0.03	48.21 3.65 -0.03	52.37 3.88 -0.03	57.01 3.98 0.00	59.88 4.18 0.00	77.27 5.32 0.00	67.51 4.48 0.00	60.02 4.08 0.00	55.72 3.98 0.00	48.63 3.52 0.00	44.61 3.27 -0.01	43.28 3.09 -0.01

CHESTROR_138KV_BK263 355645	44.94 1.77 0.00	41.44 1.59 0.00	41.38 1.59 0.00	40.25 1.55 0.00	39.91 1.54 0.00	46.12 1.94 0.00	62.46 2.63 0.00	71.38 2.81 0.00	57.57 2.21 0.00	50.96 2.19 0.00	46.52 2.09 0.00	45.51 2.13 0.00	44.72 2.21 0.00	46.84 2.32 0.00	50.93 2.47 0.00	55.63 2.60 0.00	58.48 2.78 0.00	75.61 3.67 0.00	66.19 3.15 0.00	58.73 2.80 0.00	54.48 2.74 0.00	47.59 2.48 0.00	43.61 2.27 0.00	42.27 2.09 0.00
CH_MIDHUDSON___DRP 24192	45.12 1.94 0.00	41.60 1.75 0.00	41.54 1.75 0.00	40.37 1.66 0.00	40.07 1.69 0.00	46.30 2.12 0.00	62.76 2.93 0.00	71.72 3.15 0.00	57.85 2.49 0.00	51.20 2.44 0.00	46.70 2.27 0.00	45.68 2.30 0.00	44.98 2.47 0.00	47.11 2.58 0.00	51.22 2.76 0.00	55.90 2.86 0.00	58.71 3.01 0.00	75.97 4.03 0.00	66.50 3.47 0.00	59.01 3.08 0.00	54.74 3.00 0.00	47.81 2.71 0.00	43.78 2.44 0.00	42.47 2.29 0.00
CH_MISC_IPPS 23765	45.38 2.20 0.00	41.84 1.99 0.00	41.78 1.99 0.00	40.64 1.93 0.00	40.33 1.96 0.00	46.56 2.38 0.00	63.18 3.35 0.00	72.13 3.56 0.00	58.13 2.77 0.00	51.40 2.63 0.00	46.92 2.49 0.00	45.81 2.43 0.00	45.15 2.64 0.00	47.34 2.81 0.00	51.51 3.05 0.00	56.21 3.18 0.00	59.04 3.34 0.00	76.48 4.54 0.00	66.95 3.91 0.00	59.40 3.47 0.00	55.10 3.36 0.00	48.08 2.98 0.00	44.06 2.73 0.00	42.67 2.49 0.00
CH_RES_BVR_FALLS 23983	43.22 0.04 0.00	39.85 0.00 0.00	39.79 0.00 0.00	38.63 -0.08 0.00	38.22 -0.15 0.00	43.96 -0.22 0.00	59.42 -0.42 0.00	67.81 -0.75 0.00	54.47 -0.89 0.00	47.84 -0.93 0.00	43.50 -0.94 0.00	42.39 -1.00 0.00	41.49 -1.02 0.00	43.46 -1.07 0.00	47.29 -1.16 0.00	51.76 -1.27 0.00	54.31 -1.39 0.00	70.15 -1.80 0.00	61.40 -1.64 0.00	54.43 -1.51 0.00	50.34 -1.39 0.00	43.93 -1.17 0.00	40.30 -1.03 0.00	39.21 -0.96 0.00
CH_RES_NIAGARA 23895	38.60 -4.58 0.00	34.95 -4.90 0.00	34.81 -4.97 0.00	34.02 -4.68 0.00	33.54 -4.84 0.00	36.77 -7.38 0.03	48.85 -10.95 0.03	56.88 -11.66 0.03	46.64 -8.69 0.03	41.42 -7.31 0.03	37.84 -6.58 0.02	37.07 -6.29 0.02	35.93 -6.55 0.03	37.69 -6.81 0.03	40.58 -7.85 0.03	44.78 -8.22 0.03	47.49 -8.19 0.02	60.63 -11.30 0.02	53.50 -9.52 0.02	49.00 -6.94 0.00	45.06 -6.67 0.00	39.24 -5.86 0.00	35.92 -5.42 0.00	35.32 -4.86 0.00
CH_RES_SYRACUSE 23985	42.44 -0.73 0.00	39.17 -0.68 0.00	39.07 -0.72 0.00	38.01 -0.70 0.00	37.69 -0.69 0.00	43.29 -0.88 0.00	58.69 -1.14 0.00	67.47 -1.10 0.00	54.64 -0.72 0.00	48.04 -0.73 0.00	43.68 -0.76 0.00	42.78 -0.61 0.00	41.92 -0.60 0.00	43.91 -0.62 0.00	47.78 -0.68 0.00	52.40 -0.63 0.00	55.09 -0.61 0.00	71.15 -0.79 0.00	62.28 -0.75 0.00	55.27 -0.67 0.00	51.06 -0.67 0.00	44.43 -0.68 0.00	40.67 -0.66 0.00	39.54 -0.64 0.00
CLINTON_WT_PWR 323605	43.48 0.30 0.00	40.13 0.28 0.00	40.10 0.32 0.00	39.01 0.31 0.00	38.76 0.38 0.00	44.75 0.57 0.00	60.73 0.90 0.00	69.53 0.96 0.00	55.97 0.61 0.00	49.15 0.39 0.00	44.79 0.35 0.00	43.52 0.13 0.00	42.51 0.00 0.00	44.31 -0.22 0.00	48.12 -0.34 0.00	52.45 -0.58 0.00	54.87 -0.83 0.00	70.43 -1.51 0.00	61.52 -1.51 0.00	54.54 -1.40 0.00	50.45 -1.29 0.00	44.02 -1.08 0.00	40.43 -0.91 0.00	39.33 -0.85 0.00
CLINTON___LFGE 323618	43.86 0.69 0.00	40.45 0.60 0.00	40.46 0.68 0.00	39.32 0.62 0.00	39.11 0.73 0.00	45.24 1.06 0.00	61.45 1.62 0.00	70.28 1.71 0.00	56.63 1.27 0.00	49.65 0.88 0.00	45.24 0.80 0.00	43.82 0.43 0.00	42.73 0.21 0.00	44.57 0.04 0.00	48.41 -0.05 0.00	52.82 -0.21 0.00	55.31 -0.39 0.00	70.94 -1.01 0.00	61.97 -1.07 0.00	55.04 -0.90 0.00	50.86 -0.88 0.00	44.34 -0.77 0.00	40.67 -0.66 0.00	39.62 -0.56 0.00
COBBLENY_34_KV_TB1 80064	40.63 -2.55 0.00	36.86 -2.99 0.00	36.72 -3.06 0.00	35.80 -2.90 0.00	35.19 -3.19 0.00	38.90 -5.26 0.02	52.39 -7.42 0.02	60.40 -8.16 0.01	49.31 -6.03 0.02	43.39 -5.36 0.01	39.59 -4.84 0.00	38.79 -4.60 0.00	37.69 -4.80 0.02	39.57 -4.94 0.02	42.92 -5.52 0.02	47.08 -5.94 0.02	50.02 -5.68 0.00	64.03 -7.91 0.00	56.35 -6.68 0.00	50.68 -5.26 0.00	46.51 -5.23 0.00	40.42 -4.69 0.00	37.00 -4.34 0.00	36.28 -3.90 0.00
COFFEEN___115KV_TB3 355620	43.74 0.56 0.00	40.57 0.72 0.00	40.38 0.60 0.00	38.94 0.23 0.00	38.84 0.46 0.00	44.62 0.44 0.00	60.67 0.84 0.00	69.53 0.96 0.00	55.64 0.28 0.00	48.43 -0.34 0.00	43.81 -0.62 0.00	42.69 -0.69 0.00	41.79 -0.72 0.00	43.95 -0.58 0.00	47.88 -0.58 0.00	52.66 -0.37 0.00	55.64 -0.06 0.00	72.30 0.36 0.00	63.67 0.63 0.00	56.72 0.78 0.00	52.20 0.47 0.00	45.20 0.09 0.00	41.34 0.00 0.00	40.14 -0.04 0.00
COLDSPRG_115KV_BK1 355956	41.23 -1.94 0.00	37.38 -2.47 0.00	37.16 -2.63 0.00	36.11 -2.59 0.00	35.38 -2.99 0.00	39.30 -4.86 0.02	53.29 -6.52 0.02	60.94 -7.61 0.01	49.64 -5.70 0.02	43.39 -5.36 0.01	39.59 -4.84 0.00	38.74 -4.64 0.00	37.73 -4.76 0.02	39.61 -4.90 0.02	43.21 -5.23 0.02	47.34 -5.67 0.02	50.41 -5.29 0.00	64.68 -7.27 0.00	56.99 -6.05 0.00	51.35 -4.59 0.00	47.08 -4.66 0.00	40.82 -4.29 0.00	37.37 -3.97 0.00	36.64 -3.54 0.00
COLONIE_LFGE___ 323577	44.04 0.86 0.00	40.77 0.92 0.00	40.70 0.92 0.00	39.63 0.93 0.00	39.34 0.96 0.00	45.59 1.41 0.00	61.69 1.86 0.00	70.70 2.13 0.00	57.02 1.66 0.00	50.18 1.42 0.00	45.68 1.24 0.00	44.60 1.21 0.00	43.70 1.19 0.00	45.86 1.33 0.00	50.01 1.55 0.00	54.84 1.80 0.00	57.43 1.73 0.00	74.39 2.45 0.00	65.18 2.14 0.00	57.84 1.90 0.00	53.60 1.86 0.00	46.78 1.67 0.00	42.87 1.53 0.00	41.59 1.41 0.00
COOPERNY_115KV_TB1 80082	44.51 1.34 0.00	41.05 1.20 0.00	40.98 1.19 0.00	39.87 1.16 0.00	39.53 1.15 0.00	45.59 1.41 0.00	61.81 1.97 0.00	70.69 2.13 0.00	57.07 1.72 0.00	50.47 1.71 0.00	46.03 1.60 0.00	44.99 1.61 0.00	44.17 1.66 0.00	46.31 1.78 0.00	50.35 1.89 0.00	55.05 2.02 0.00	57.82 2.12 0.00	74.75 2.81 0.00	65.43 2.40 0.00	58.12 2.18 0.00	53.81 2.07 0.00	46.96 1.85 0.00	43.03 1.69 0.00	41.75 1.57 0.00
COPENHAGEN_WT_PWR 323753	43.44 0.26 0.00	40.25 0.40 0.00	40.10 0.32 0.00	38.71 0.00 0.00	38.57 0.19 0.00	44.31 0.13 0.00	60.13 0.30 0.00	68.98 0.41 0.00	55.30 -0.06 0.00	48.23 -0.54 0.00	43.59 -0.85 0.00	42.61 -0.78 0.00	41.70 -0.81 0.00	43.81 -0.71 0.00	47.73 -0.73 0.00	52.45 -0.58 0.00	55.31 -0.39 0.00	71.73 -0.22 0.00	63.10 0.06 0.00	56.22 0.28 0.00	51.74 0.00 0.00	44.88 -0.22 0.00	41.09 -0.25 0.00	39.90 -0.28 0.00
CORNELL_____ 23752	43.43 0.26 0.00	40.09 0.24 0.00	39.87 0.08 0.00	38.78 0.08 0.00	38.49 0.12 0.00	44.18 -0.04 0.00	60.01 0.12 -0.06	68.94 0.34 -0.03	55.68 0.28 -0.04	48.79 0.00 -0.03	44.17 -0.27 0.00	43.21 -0.17 0.00	42.39 -0.17 -0.04	44.48 -0.09 -0.04	48.45 -0.05 -0.04	53.13 0.05 -0.04	56.03 0.33 0.00	72.59 0.65 0.00	63.67 0.63 0.00	56.49 0.56 0.00	52.10 0.36 0.00	45.33 0.23 0.00	41.50 0.17 0.00	40.26 0.08 0.00

CORONA_69_KV_TB1 355595	45.98 2.81 0.00	42.32 2.47 0.00	42.10 2.31 0.00	40.99 2.28 0.00	40.72 2.34 0.00	47.32 3.14 0.00	63.24 3.41 0.00	72.13 3.57 0.00	57.85 2.49 0.00	51.74 2.97 0.00	47.59 3.15 0.00	46.81 3.43 0.00	46.12 3.61 0.00	48.04 3.52 0.00	51.89 3.44 0.00	56.53 3.50 0.00	59.54 3.84 0.00	77.34 5.40 0.00	67.77 4.73 0.00	59.85 3.92 0.00	55.31 3.57 0.00	48.90 3.79 0.00	45.10 3.76 0.00	43.63 3.46 0.00
CORTLAND_115KV_TB3 80093	43.22 0.04 0.00	39.89 0.04 0.00	39.75 -0.04 0.00	38.63 -0.08 0.00	38.34 -0.04 0.00	44.01 -0.18 -0.01	59.79 -0.06 -0.02	68.64 0.07 -0.01	55.48 0.11 -0.01	48.73 -0.05 -0.01	44.26 -0.18 0.00	43.26 -0.13 0.00	42.44 -0.09 -0.01	44.50 -0.04 -0.01	48.47 0.00 -0.01	53.15 0.11 -0.01	55.92 0.22 0.00	72.30 0.36 0.00	63.42 0.38 0.00	56.27 0.34 0.00	51.95 0.21 0.00	45.20 0.09 0.00	41.38 0.04 0.00	40.18 0.00 0.00
COXSACKIE___GT 23611	45.20 2.03 0.00	41.68 1.83 0.00	41.74 1.95 0.00	40.68 1.97 0.00	40.37 1.99 0.00	46.61 2.43 0.00	63.48 3.65 0.00	72.41 3.84 0.00	57.74 2.38 0.00	50.33 1.56 0.00	45.50 1.06 0.00	44.34 0.95 0.00	43.66 1.15 0.00	45.86 1.33 0.00	50.15 1.70 0.00	55.26 2.23 0.00	58.37 2.67 0.00	76.19 4.24 0.00	66.95 3.91 0.00	59.35 3.41 0.00	54.95 3.21 0.00	47.77 2.66 0.00	43.65 2.31 0.00	42.35 2.17 0.00
CPV_VALLEY___CC1 323721	44.77 1.60 0.00	41.28 1.43 0.00	41.22 1.43 0.00	40.10 1.39 0.00	39.76 1.38 0.00	45.90 1.72 0.00	62.23 2.40 0.00	71.11 2.54 0.00	57.41 2.05 0.00	50.81 2.05 0.00	46.39 1.95 0.00	45.38 2.00 0.00	44.55 2.04 0.00	46.67 2.14 0.00	50.78 2.33 0.00	55.42 2.39 0.00	58.21 2.51 0.00	75.33 3.38 0.00	65.94 2.90 0.00	58.51 2.57 0.00	54.22 2.48 0.00	47.36 2.25 0.00	43.44 2.11 0.00	42.11 1.93 0.00
CPV_VALLEY___CC2 323722	44.77 1.60 0.00	41.28 1.43 0.00	41.22 1.43 0.00	40.10 1.39 0.00	39.76 1.38 0.00	45.90 1.72 0.00	62.23 2.40 0.00	71.11 2.54 0.00	57.41 2.05 0.00	50.81 2.05 0.00	46.39 1.95 0.00	45.38 2.00 0.00	44.55 2.04 0.00	46.67 2.14 0.00	50.78 2.33 0.00	55.42 2.39 0.00	58.21 2.51 0.00	75.33 3.38 0.00	65.94 2.90 0.00	58.51 2.57 0.00	54.22 2.48 0.00	47.36 2.25 0.00	43.44 2.11 0.00	42.11 1.93 0.00
CRESCENT___HYD 24018	44.04 0.86 0.00	40.77 0.92 0.00	40.70 0.92 0.00	39.63 0.93 0.00	39.34 0.96 0.00	45.59 1.41 0.00	61.69 1.86 0.00	70.70 2.13 0.00	57.02 1.66 0.00	50.18 1.42 0.00	45.68 1.24 0.00	44.60 1.21 0.00	43.70 1.19 0.00	45.86 1.33 0.00	50.01 1.55 0.00	54.84 1.80 0.00	57.43 1.73 0.00	74.39 2.45 0.00	65.18 2.14 0.00	57.84 1.90 0.00	53.60 1.86 0.00	46.78 1.67 0.00	42.87 1.53 0.00	41.59 1.41 0.00
CRICKET___VALLEY_CC1 323756	44.56 1.38 0.00	41.12 1.27 0.00	40.98 1.19 0.00	39.91 1.20 0.00	39.61 1.23 0.00	45.76 1.59 0.00	61.98 2.15 0.00	70.83 2.26 0.00	57.24 1.88 0.00	50.72 1.95 0.00	46.34 1.91 0.00	45.29 1.91 0.00	44.51 2.00 0.00	46.62 2.09 0.00	50.69 2.23 0.00	55.26 2.23 0.00	57.93 2.23 0.00	74.96 3.02 0.00	65.62 2.59 0.00	58.28 2.35 0.00	54.07 2.33 0.00	47.27 2.17 0.00	43.36 2.02 0.00	41.99 1.81 0.00
CRICKET___VALLEY_CC2 323757	44.56 1.38 0.00	41.12 1.27 0.00	40.98 1.19 0.00	39.91 1.20 0.00	39.61 1.23 0.00	45.76 1.59 0.00	61.98 2.15 0.00	70.83 2.26 0.00	57.24 1.88 0.00	50.72 1.95 0.00	46.34 1.91 0.00	45.29 1.91 0.00	44.51 2.00 0.00	46.62 2.09 0.00	50.69 2.23 0.00	55.26 2.23 0.00	57.93 2.23 0.00	74.96 3.02 0.00	65.62 2.59 0.00	58.28 2.35 0.00	54.07 2.33 0.00	47.27 2.17 0.00	43.36 2.02 0.00	41.99 1.81 0.00
CRICKET___VALLEY_CC3 323758	44.56 1.38 0.00	41.12 1.27 0.00	40.98 1.19 0.00	39.91 1.20 0.00	39.61 1.23 0.00	45.76 1.59 0.00	61.98 2.15 0.00	70.83 2.26 0.00	57.24 1.88 0.00	50.72 1.95 0.00	46.34 1.91 0.00	45.29 1.91 0.00	44.51 2.00 0.00	46.62 2.09 0.00	50.69 2.23 0.00	55.26 2.23 0.00	57.93 2.23 0.00	74.96 3.02 0.00	65.62 2.59 0.00	58.28 2.35 0.00	54.07 2.33 0.00	47.27 2.17 0.00	43.36 2.02 0.00	41.99 1.81 0.00
CRUCIBLE_METL_DRP 24180	42.44 -0.73 0.00	39.17 -0.68 0.00	39.03 -0.76 0.00	38.01 -0.70 0.00	37.69 -0.69 0.00	43.29 -0.88 0.00	58.69 -1.14 0.00	67.47 -1.10 0.00	54.64 -0.72 0.00	48.03 -0.73 0.00	43.68 -0.76 0.00	42.78 -0.61 0.00	41.92 -0.60 0.00	43.91 -0.62 0.00	47.78 -0.68 0.00	52.34 -0.69 0.00	55.09 -0.61 0.00	71.15 -0.79 0.00	62.28 -0.76 0.00	55.26 -0.67 0.00	51.07 -0.67 0.00	44.43 -0.68 0.00	40.72 -0.62 0.00	39.54 -0.64 0.00
DAHOWA___HYDRO 323763	44.56 1.38 0.00	41.21 1.36 0.00	41.14 1.35 0.00	40.06 1.35 0.00	39.72 1.34 0.00	46.08 1.90 0.00	62.40 2.57 0.00	71.58 3.01 0.00	57.52 2.16 0.00	50.52 1.75 0.00	45.90 1.46 0.00	44.73 1.35 0.00	43.83 1.32 0.00	45.95 1.42 0.00	50.20 1.74 0.00	55.16 2.12 0.00	57.70 2.00 0.00	74.96 3.02 0.00	65.68 2.65 0.00	58.28 2.35 0.00	54.07 2.33 0.00	47.18 2.08 0.00	43.24 1.90 0.00	41.87 1.69 0.00
DANC___LFGE 323619	42.83 -0.35 0.00	39.65 -0.20 0.00	39.51 -0.28 0.00	38.20 -0.50 0.00	38.03 -0.35 0.00	43.65 -0.53 0.00	59.17 -0.66 0.00	67.88 -0.69 0.00	54.64 -0.72 0.00	47.84 -0.93 0.00	43.37 -1.07 0.00	42.39 -1.00 0.00	41.49 -1.02 0.00	43.55 -0.98 0.00	47.39 -1.07 0.00	52.02 -1.01 0.00	54.81 -0.89 0.00	70.94 -1.01 0.00	62.35 -0.69 0.00	55.49 -0.45 0.00	51.17 -0.57 0.00	44.48 -0.63 0.00	40.72 -0.62 0.00	39.58 -0.60 0.00
DANSKAMMER___1 23586	45.38 2.20 0.00	41.84 1.99 0.00	41.78 1.99 0.00	40.64 1.93 0.00	40.33 1.96 0.00	46.56 2.38 0.00	63.18 3.35 0.00	72.13 3.56 0.00	58.13 2.77 0.00	51.40 2.63 0.00	46.92 2.49 0.00	45.81 2.43 0.00	45.15 2.64 0.00	47.34 2.81 0.00	51.51 3.05 0.00	56.21 3.18 0.00	59.04 3.34 0.00	76.48 4.54 0.00	66.95 3.91 0.00	59.40 3.47 0.00	55.10 3.36 0.00	48.08 2.98 0.00	44.06 2.73 0.00	42.67 2.49 0.00
DANSKAMMER___2 23589	45.38 2.20 0.00	41.84 1.99 0.00	41.78 1.99 0.00	40.64 1.93 0.00	40.33 1.96 0.00	46.56 2.38 0.00	63.18 3.35 0.00	72.13 3.56 0.00	58.13 2.77 0.00	51.40 2.63 0.00	46.92 2.49 0.00	45.81 2.43 0.00	45.15 2.64 0.00	47.34 2.81 0.00	51.51 3.05 0.00	56.21 3.18 0.00	59.04 3.34 0.00	76.48 4.54 0.00	66.95 3.91 0.00	59.40 3.47 0.00	55.10 3.36 0.00	48.08 2.98 0.00	44.06 2.73 0.00	42.67 2.49 0.00
DANSKAMMER___3 23590	45.38 2.20 0.00	41.84 1.99 0.00	41.78 1.99 0.00	40.64 1.93 0.00	40.33 1.96 0.00	46.56 2.38 0.00	63.18 3.35 0.00	72.13 3.56 0.00	58.13 2.77 0.00	51.40 2.63 0.00	46.92 2.49 0.00	45.81 2.43 0.00	45.15 2.64 0.00	47.34 2.81 0.00	51.51 3.05 0.00	56.21 3.18 0.00	59.04 3.34 0.00	76.48 4.54 0.00	66.95 3.91 0.00	59.40 3.47 0.00	55.10 3.36 0.00	48.08 2.98 0.00	44.06 2.73 0.00	42.67 2.49 0.00

DANSKAMMER___4 23591	45.38 2.20 0.00	41.84 1.99 0.00	41.78 1.99 0.00	40.64 1.93 0.00	40.33 1.96 0.00	46.56 2.38 0.00	63.18 3.35 0.00	72.13 3.56 0.00	58.13 2.77 0.00	51.40 2.63 0.00	46.92 2.49 0.00	45.81 2.43 0.00	45.15 2.64 0.00	47.34 2.81 0.00	51.51 3.05 0.00	56.21 3.18 0.00	59.04 3.34 0.00	76.48 4.54 0.00	66.95 3.91 0.00	59.40 3.47 0.00	55.10 3.36 0.00	48.08 2.98 0.00	44.06 2.73 0.00	42.67 2.49 0.00
DANSKAMMER___DIESEL 23592	45.38 2.20 0.00	41.84 1.99 0.00	41.78 1.99 0.00	40.64 1.94 0.00	40.34 1.96 0.00	46.56 2.39 0.00	63.18 3.35 0.00	72.13 3.57 0.00	58.13 2.77 0.00	51.45 2.68 0.00	46.88 2.44 0.00	45.81 2.43 0.00	45.15 2.64 0.00	47.38 2.85 0.00	51.51 3.05 0.00	56.21 3.18 0.00	59.10 3.40 0.00	76.48 4.53 0.00	66.95 3.91 0.00	59.40 3.47 0.00	55.10 3.36 0.00	48.08 2.98 0.00	44.02 2.69 0.00	42.67 2.49 0.00
DARBY___SOLAR 323810	44.43 1.25 0.00	41.12 1.27 0.00	41.02 1.23 0.00	39.98 1.28 0.00	39.64 1.26 0.00	45.95 1.77 0.00	62.23 2.40 0.00	71.31 2.75 0.00	57.35 1.99 0.00	50.37 1.61 0.00	45.81 1.38 0.00	44.64 1.26 0.00	43.75 1.23 0.00	45.86 1.33 0.00	50.15 1.70 0.00	55.05 2.01 0.00	57.59 1.89 0.00	74.75 2.80 0.00	65.56 2.52 0.00	58.18 2.24 0.00	53.91 2.17 0.00	47.05 1.94 0.00	43.11 1.78 0.00	41.79 1.61 0.00
DASHVILLE___HYD 23610	44.99 1.81 0.00	41.44 1.59 0.00	41.42 1.63 0.00	40.25 1.55 0.00	39.95 1.57 0.00	46.12 1.94 0.00	62.58 2.75 0.00	71.38 2.81 0.00	57.46 2.10 0.00	50.81 2.05 0.00	46.30 1.87 0.00	45.25 1.87 0.00	44.60 2.08 0.00	46.76 2.23 0.00	50.83 2.37 0.00	55.53 2.49 0.00	58.43 2.73 0.00	75.61 3.67 0.00	66.19 3.15 0.00	58.79 2.85 0.00	54.53 2.79 0.00	47.59 2.48 0.00	43.61 2.27 0.00	42.27 2.09 0.00
DELAWARE___LFGE 323621	44.08 0.91 0.00	40.69 0.84 0.00	40.66 0.88 0.00	39.48 0.77 0.00	39.15 0.77 0.00	45.10 0.93 0.00	61.15 1.32 0.00	70.01 1.44 0.00	56.52 1.16 0.00	49.79 1.02 0.00	45.32 0.89 0.00	44.34 0.95 0.00	43.49 0.98 0.00	45.64 1.11 0.00	49.72 1.26 0.00	54.46 1.43 0.00	57.20 1.50 0.00	73.96 2.01 0.00	64.80 1.77 0.00	57.50 1.57 0.00	53.19 1.45 0.00	46.28 1.17 0.00	42.41 1.07 0.00	41.18 1.00 0.00
DERFIELD_115KV_TB7 355931	43.30 0.13 0.00	39.97 0.12 0.00	39.91 0.12 0.00	38.82 0.12 0.00	38.45 0.08 0.00	44.31 0.13 0.00	59.95 0.12 0.00	68.70 0.14 0.00	55.47 0.11 0.00	48.82 0.05 0.00	44.48 0.04 0.00	43.47 0.09 0.00	42.60 0.09 0.00	44.66 0.13 0.00	48.60 0.15 0.00	53.19 0.16 0.00	55.92 0.22 0.00	72.23 0.29 0.00	63.29 0.25 0.00	56.22 0.28 0.00	52.00 0.26 0.00	45.29 0.18 0.00	41.50 0.17 0.00	40.34 0.16 0.00
DOGLEVILLE___HYD 23807	46.02 2.85 0.00	42.52 2.67 0.00	42.41 2.63 0.00	41.22 2.52 0.00	40.72 2.34 0.00	46.83 2.65 0.00	63.36 3.53 0.00	72.34 3.77 0.00	58.18 2.82 0.00	51.11 2.34 0.00	46.57 2.13 0.00	45.47 2.08 0.00	44.51 2.00 0.00	46.62 2.09 0.00	50.69 2.23 0.00	55.58 2.55 0.00	58.32 2.62 0.00	75.40 3.45 0.00	66.19 3.15 0.00	58.84 2.91 0.00	54.38 2.64 0.00	47.36 2.26 0.00	43.49 2.15 0.00	42.27 2.09 0.00
DUNKIRK__115KV_TB_200 55889	40.80 -2.37 0.00	36.98 -2.87 0.00	36.76 -3.02 0.00	35.80 -2.90 0.00	35.12 -3.26 0.00	38.82 -5.35 0.02	52.27 -7.54 0.02	60.19 -8.37 0.01	49.03 -6.31 0.02	43.15 -5.61 0.01	39.37 -5.07 0.00	38.57 -4.82 0.00	37.48 -5.02 0.02	39.30 -5.21 0.02	42.63 -5.81 0.02	46.92 -6.10 0.02	49.96 -5.74 0.00	64.10 -7.84 0.00	56.48 -6.56 0.00	50.85 -5.09 0.00	46.62 -5.12 0.00	40.46 -4.65 0.00	37.08 -4.26 0.00	36.40 -3.78 0.00
DUNKIRK___1 23563	40.80 -2.37 0.00	36.98 -2.87 0.00	36.76 -3.02 0.00	35.80 -2.90 0.00	35.12 -3.26 0.00	38.82 -5.35 0.02	52.27 -7.54 0.02	60.19 -8.37 0.01	49.03 -6.31 0.02	43.15 -5.61 0.01	39.37 -5.07 0.00	38.57 -4.82 0.00	37.48 -5.02 0.02	39.30 -5.21 0.02	42.63 -5.81 0.02	46.92 -6.10 0.02	49.96 -5.74 0.00	64.10 -7.84 0.00	56.48 -6.56 0.00	50.85 -5.09 0.00	46.62 -5.12 0.00	40.46 -4.65 0.00	37.08 -4.26 0.00	36.40 -3.78 0.00
DUNKIRK___2 23564	40.80 -2.37 0.00	36.98 -2.87 0.00	36.76 -3.02 0.00	35.80 -2.90 0.00	35.12 -3.26 0.00	38.82 -5.35 0.02	52.27 -7.54 0.02	60.19 -8.37 0.01	49.03 -6.31 0.02	43.15 -5.61 0.01	39.37 -5.07 0.00	38.57 -4.82 0.00	37.48 -5.02 0.02	39.30 -5.21 0.02	42.63 -5.81 0.02	46.92 -6.10 0.02	49.96 -5.74 0.00	64.10 -7.84 0.00	56.48 -6.56 0.00	50.85 -5.09 0.00	46.62 -5.12 0.00	40.46 -4.65 0.00	37.08 -4.26 0.00	36.40 -3.78 0.00
DUNKIRK___3 23565	40.71 -2.46 0.00	36.94 -2.91 0.00	36.72 -3.06 0.00	35.80 -2.90 0.00	35.15 -3.22 0.00	38.91 -5.26 0.01	52.33 -7.48 0.02	60.33 -8.23 0.01	49.14 -6.20 0.01	43.25 -5.51 0.01	39.50 -4.93 0.00	38.66 -4.73 0.00	37.61 -4.89 0.01	39.44 -5.08 0.01	42.77 -5.67 0.01	47.03 -5.99 0.01	50.02 -5.68 0.00	64.17 -7.77 0.00	56.54 -6.49 0.00	50.79 -5.15 0.00	46.62 -5.12 0.00	40.46 -4.65 0.00	37.08 -4.26 0.00	36.36 -3.82 0.00
DUNKIRK___4 23566	40.71 -2.46 0.00	36.94 -2.91 0.00	36.72 -3.06 0.00	35.80 -2.90 0.00	35.15 -3.22 0.00	38.91 -5.26 0.01	52.33 -7.48 0.02	60.33 -8.23 0.01	49.14 -6.20 0.01	43.25 -5.51 0.01	39.50 -4.93 0.00	38.66 -4.73 0.00	37.61 -4.89 0.01	39.44 -5.08 0.01	42.77 -5.67 0.01	47.03 -5.99 0.01	50.02 -5.68 0.00	64.17 -7.77 0.00	56.54 -6.49 0.00	50.79 -5.15 0.00	46.62 -5.12 0.00	40.46 -4.65 0.00	37.08 -4.26 0.00	36.36 -3.82 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.42 2.25 0.00	41.92 2.07 0.00	41.78 1.99 0.00	40.60 1.90 0.00	40.30 1.92 0.00	46.61 2.43 0.00	63.18 3.35 0.00	72.20 3.63 0.00	58.40 3.04 0.00	51.84 3.07 0.00	47.37 2.93 0.00	46.33 2.95 0.00	45.53 3.02 0.00	47.69 3.16 0.00	51.80 3.34 0.00	56.43 3.39 0.00	59.21 3.51 0.00	76.55 4.60 0.00	67.01 3.97 0.00	59.52 3.58 0.00	55.20 3.47 0.00	48.22 3.11 0.00	44.19 2.85 0.00	42.87 2.69 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.16 1.99 0.00	41.64 1.79 0.00	41.58 1.79 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.34 2.16 0.00	62.88 3.05 0.00	71.79 3.22 0.00	57.85 2.49 0.00	51.20 2.44 0.00	46.70 2.27 0.00	45.68 2.30 0.00	44.98 2.47 0.00	47.11 2.58 0.00	51.22 2.76 0.00	55.95 2.92 0.00	58.82 3.12 0.00	76.04 4.10 0.00	66.57 3.53 0.00	59.12 3.19 0.00	54.79 3.05 0.00	47.86 2.75 0.00	43.82 2.48 0.00	42.51 2.33 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.12 2.94 -0.01	42.53 2.67 -0.01	42.42 2.63 -0.01	41.22 2.52 0.00	40.96 2.57 -0.01	47.28 3.09 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.29 2.93 0.00	51.90 3.12 -0.01	47.42 2.98 -0.01	46.35 2.95 -0.01	45.63 3.10 -0.01	47.70 3.16 -0.01	51.86 3.39 -0.01	56.43 3.39 0.00	59.21 3.51 0.00	76.19 4.24 0.00	66.63 3.59 0.00	59.40 3.47 0.00	55.26 3.52 0.00	48.54 3.43 0.00	44.61 3.27 -0.01	43.32 3.13 -0.01

E179THST_13_KV_LOAD 356214	46.29 3.11 -0.01	42.69 2.83 -0.01	42.58 2.79 -0.01	41.38 2.67 0.00	41.07 2.69 -0.01	47.45 3.27 -0.01	63.90 4.07 0.00	72.41 3.84 0.00	58.57 3.21 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.56 3.17 -0.01	45.80 3.27 -0.01	47.92 3.38 -0.01	52.05 3.59 -0.01	56.69 3.66 0.00	59.43 3.73 0.00	76.55 4.60 0.00	66.95 3.91 0.00	59.68 3.75 0.00	55.46 3.73 0.00	48.72 3.61 0.00	44.82 3.47 -0.01	43.48 3.29 -0.01
EAST HAMPTON___GT 23717	46.37 3.19 0.00	42.88 3.03 0.00	42.77 2.99 0.00	41.88 3.17 0.00	41.83 3.46 0.00	48.77 4.59 0.00	64.86 5.03 0.00	73.92 5.35 0.00	58.85 3.49 0.00	52.03 3.27 0.00	48.03 3.60 0.00	46.81 3.43 0.00	45.70 3.19 0.00	47.42 2.89 0.00	51.41 2.96 0.00	55.95 2.91 0.00	59.15 3.45 0.00	77.34 5.40 0.00	67.51 4.48 0.00	59.29 3.36 0.00	54.53 2.79 0.00	48.58 3.47 0.00	44.89 3.56 0.00	43.59 3.41 0.00
EAST RIVER___6 23660	45.64 2.46 -0.01	42.09 2.23 -0.01	41.90 2.11 0.00	40.76 2.05 0.00	40.49 2.11 0.00	46.79 2.61 -0.01	63.54 3.71 0.00	72.61 4.04 0.00	58.79 3.43 0.00	52.19 3.41 -0.02	47.74 3.29 -0.02	46.71 3.30 -0.03	45.86 3.32 -0.03	48.08 3.52 -0.03	52.22 3.73 -0.03	56.85 3.82 0.00	59.65 3.96 0.00	77.13 5.18 0.00	67.33 4.29 0.00	59.85 3.91 0.00	55.51 3.77 0.00	48.45 3.34 0.00	44.65 3.31 -0.01	43.28 3.09 -0.01
EAST RIVER___7 23524	45.64 2.46 -0.01	42.09 2.23 -0.01	41.90 2.11 0.00	40.76 2.05 0.00	40.49 2.11 0.00	46.79 2.61 -0.01	63.54 3.71 0.00	72.61 4.04 0.00	58.79 3.43 0.00	52.19 3.41 -0.02	47.74 3.29 -0.02	46.71 3.30 -0.03	45.86 3.32 -0.03	48.08 3.52 -0.03	52.22 3.73 -0.03	56.85 3.82 0.00	59.65 3.96 0.00	77.13 5.18 0.00	67.33 4.29 0.00	59.85 3.91 0.00	55.51 3.77 0.00	48.45 3.34 0.00	44.65 3.31 -0.01	43.28 3.09 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.29 2.12 0.00	41.84 1.99 0.00	41.70 1.91 0.00	40.53 1.82 0.00	40.22 1.84 0.00	46.47 2.30 0.00	63.06 3.23 0.00	72.00 3.43 0.00	58.18 2.82 0.00	51.64 2.88 0.00	47.15 2.71 0.00	46.12 2.73 0.00	45.36 2.85 0.00	47.47 2.94 0.00	51.61 3.15 0.00	56.27 3.24 0.00	59.04 3.34 0.00	76.33 4.39 0.00	66.82 3.78 0.00	59.35 3.41 0.00	55.00 3.26 0.00	48.04 2.93 0.00	44.06 2.73 0.00	42.71 2.53 0.00
EAST_HAMPTON___DIESEL 23722	46.28 3.11 0.00	42.84 2.99 0.00	42.77 2.99 0.00	41.88 3.17 0.00	41.83 3.46 0.00	48.77 4.59 0.00	64.86 5.03 0.00	73.92 5.35 0.00	58.85 3.49 0.00	51.98 3.22 0.00	47.99 3.56 0.00	46.77 3.39 0.00	45.61 3.10 0.00	47.33 2.81 0.00	51.31 2.86 0.00	55.84 2.81 0.00	59.04 3.34 0.00	77.13 5.18 0.00	67.33 4.29 0.00	59.12 3.19 0.00	54.38 2.64 0.00	48.45 3.34 0.00	44.76 3.43 0.00	43.51 3.33 0.00
EAST_POINT___SOLAR 323840	44.38 1.21 0.00	41.01 1.16 0.00	40.90 1.11 0.00	39.79 1.08 0.00	39.45 1.07 0.00	45.81 1.64 0.00	62.16 2.33 0.00	71.17 2.60 0.00	56.19 0.83 0.00	48.77 0.00 0.00	44.13 -0.31 0.00	42.95 -0.43 0.00	42.17 -0.34 0.00	44.66 0.13 0.00	49.38 0.92 0.00	54.68 1.65 0.00	57.09 1.39 0.00	74.39 2.45 0.00	65.30 2.27 0.00	58.01 2.07 0.00	53.65 1.92 0.00	46.59 1.49 0.00	42.87 1.53 0.00	41.47 1.29 0.00
EAST_PULASKI___ESR 323781	42.31 -0.86 0.00	39.09 -0.76 0.00	38.99 -0.80 0.00	37.82 -0.89 0.00	37.53 -0.84 0.00	43.07 -1.10 0.00	58.34 -1.49 0.00	66.99 -1.57 0.00	54.14 -1.22 0.00	47.55 -1.22 0.00	43.24 -1.20 0.00	42.30 -1.08 0.00	41.37 -1.15 0.00	43.37 -1.16 0.00	47.20 -1.26 0.00	51.71 -1.32 0.00	54.42 -1.28 0.00	70.36 -1.58 0.00	61.78 -1.26 0.00	54.93 -1.01 0.00	50.70 -1.03 0.00	44.11 -0.99 0.00	40.43 -0.91 0.00	39.30 -0.88 0.00
EAST_RIVER___1 323558	45.73 2.55 -0.01	42.21 2.35 -0.01	42.01 2.23 0.00	40.87 2.17 0.00	40.60 2.23 0.00	46.88 2.70 -0.01	63.60 3.77 0.00	72.68 4.11 0.00	58.79 3.43 0.00	52.19 3.41 -0.02	47.74 3.29 -0.02	46.71 3.30 -0.03	45.86 3.32 -0.03	48.04 3.48 -0.03	52.22 3.73 -0.03	56.85 3.82 0.00	59.65 3.96 0.00	77.05 5.11 0.00	67.33 4.29 0.00	59.85 3.91 0.00	55.57 3.83 0.00	48.53 3.43 0.00	44.57 3.23 -0.01	43.16 2.97 -0.01
EAST_RIVER___2 323559	45.64 2.46 -0.01	42.09 2.23 -0.01	41.90 2.11 0.00	40.76 2.05 0.00	40.49 2.11 0.00	46.79 2.61 -0.01	63.54 3.71 0.00	72.61 4.04 0.00	58.79 3.43 0.00	52.19 3.41 -0.02	47.74 3.29 -0.02	46.71 3.30 -0.03	45.86 3.32 -0.03	48.08 3.52 -0.03	52.22 3.73 -0.03	56.85 3.82 0.00	59.65 3.96 0.00	77.13 5.18 0.00	67.33 4.29 0.00	59.85 3.91 0.00	55.51 3.77 0.00	48.45 3.34 0.00	44.65 3.31 -0.01	43.28 3.09 -0.01
EAST___DELAWARE_HYD 23607	45.20 2.03 0.00	41.64 1.79 0.00	41.58 1.79 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.30 2.12 0.00	62.94 3.11 0.00	71.79 3.22 0.00	57.74 2.38 0.00	50.96 2.20 0.00	46.39 1.95 0.00	45.34 1.95 0.00	44.64 2.12 0.00	46.84 2.31 0.00	50.98 2.52 0.00	55.79 2.76 0.00	58.76 3.06 0.00	76.11 4.17 0.00	66.63 3.59 0.00	59.18 3.24 0.00	54.79 3.05 0.00	47.81 2.71 0.00	43.77 2.44 0.00	42.39 2.21 0.00
EIGHT_POINT___WT_PWR 323820	41.58 -1.60 0.00	37.90 -1.95 0.00	37.64 -2.15 0.00	36.54 -2.17 0.00	35.96 -2.42 0.00	40.04 -4.11 0.03	54.04 -5.74 0.05	61.96 -6.58 0.02	50.01 -5.31 0.03	43.67 -5.07 0.02	39.59 -4.84 0.00	38.79 -4.60 0.00	37.72 -4.76 0.03	39.73 -4.76 0.03	43.34 -5.09 0.03	47.59 -5.41 0.03	50.35 -5.35 0.00	65.33 -6.62 0.00	57.55 -5.48 0.00	51.35 -4.59 0.00	47.39 -4.35 0.00	41.18 -3.92 0.00	37.62 -3.72 0.00	36.80 -3.37 0.00
ELBRIDGE_115KV_TB2 80188	42.22 -0.95 0.00	38.93 -0.92 0.00	38.83 -0.95 0.00	37.78 -0.93 0.00	37.46 -0.92 0.00	42.98 -1.19 0.00	58.34 -1.50 0.00	67.06 -1.51 0.00	54.25 -1.11 0.00	47.69 -1.07 0.00	43.41 -1.02 0.00	42.47 -0.91 0.00	41.62 -0.89 0.00	43.59 -0.94 0.00	47.44 -1.02 0.00	51.97 -1.06 0.00	54.70 -1.00 0.00	70.65 -1.29 0.00	61.97 -1.07 0.00	54.98 -0.95 0.00	50.76 -0.98 0.00	44.16 -0.95 0.00	40.47 -0.87 0.00	39.34 -0.84 0.00
ELEC_TRO_TEK 24086	45.72 2.55 0.00	42.08 2.23 0.00	41.86 2.07 0.00	40.72 2.01 0.00	40.49 2.11 0.00	47.05 2.87 0.00	62.82 2.99 0.00	71.79 3.22 0.00	57.57 2.21 0.00	51.50 2.73 0.00	47.37 2.93 0.00	46.55 3.17 0.00	45.87 3.36 0.00	47.78 3.25 0.00	51.60 3.15 0.00	56.27 3.24 0.00	59.26 3.56 0.00	76.91 4.96 0.00	67.32 4.29 0.00	59.52 3.58 0.00	55.00 3.26 0.00	48.63 3.52 0.00	44.85 3.51 0.00	43.39 3.21 0.00
ELLENBURG_WT_PWR 323604	43.48 0.30 0.00	40.13 0.28 0.00	40.10 0.32 0.00	39.01 0.31 0.00	38.76 0.38 0.00	44.75 0.57 0.00	60.73 0.90 0.00	69.53 0.96 0.00	55.97 0.61 0.00	49.15 0.39 0.00	44.79 0.35 0.00	43.52 0.13 0.00	42.51 0.00 0.00	44.31 -0.22 0.00	48.12 -0.34 0.00	52.45 -0.58 0.00	54.87 -0.83 0.00	70.43 -1.51 0.00	61.52 -1.51 0.00	54.54 -1.40 0.00	50.45 -1.29 0.00	44.02 -1.08 0.00	40.43 -0.91 0.00	39.33 -0.85 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.41 -2.76 0.00	36.66 -3.19 0.00	36.53 -3.26 0.00	35.61 -3.10 0.00	35.04 -3.34 0.00	38.64 -5.52 0.01	51.80 -8.02 0.02	59.92 -8.64 0.01	48.98 -6.37 0.01	43.25 -5.51 0.01	39.46 -4.98 0.00	38.66 -4.73 0.00	37.57 -4.93 0.01	39.40 -5.12 0.01	42.63 -5.81 0.01	46.87 -6.15 0.01	49.74 -5.96 0.00	63.67 -8.27 0.00	56.10 -6.93 0.00	50.34 -5.59 0.00	46.25 -5.48 0.00	40.24 -4.87 0.00	36.83 -4.51 0.00	36.12 -4.06 0.00
EMPIRE_CC_1 323656	43.48 0.30 0.00	40.25 0.40 0.00	40.19 0.40 0.00	39.17 0.47 0.00	38.88 0.50 0.00	45.01 0.84 0.00	60.85 1.02 0.00	69.53 0.96 0.00	56.24 0.88 0.00	49.54 0.78 0.00	45.19 0.75 0.00	44.08 0.69 0.00	43.23 0.72 0.00	45.33 0.80 0.00	49.43 0.97 0.00	54.15 1.12 0.00	56.65 0.95 0.00	73.31 1.36 0.00	64.17 1.14 0.00	57.00 1.06 0.00	52.88 1.14 0.00	46.19 1.08 0.00	42.33 0.99 0.00	41.10 0.92 0.00
EMPIRE_CC_2 323658	43.48 0.30 0.00	40.25 0.40 0.00	40.19 0.40 0.00	39.17 0.47 0.00	38.88 0.50 0.00	45.01 0.84 0.00	60.85 1.02 0.00	69.53 0.96 0.00	56.24 0.88 0.00	49.54 0.78 0.00	45.19 0.75 0.00	44.08 0.69 0.00	43.23 0.72 0.00	45.33 0.80 0.00	49.43 0.97 0.00	54.15 1.12 0.00	56.65 0.95 0.00	73.31 1.36 0.00	64.17 1.14 0.00	57.00 1.06 0.00	52.88 1.14 0.00	46.19 1.08 0.00	42.33 0.99 0.00	41.10 0.92 0.00
ENORWICH_115KV_TB1 80156	45.38 2.20 0.00	42.00 2.15 0.00	41.74 1.95 0.00	40.25 1.55 0.00	40.03 1.65 0.00	45.87 1.68 -0.01	62.31 2.45 -0.02	71.32 2.74 -0.01	57.37 1.99 -0.01	49.85 1.07 -0.01	44.84 0.40 0.00	43.82 0.43 0.00	42.95 0.43 -0.01	45.35 0.80 -0.01	49.54 1.07 -0.01	54.69 1.64 -0.01	57.76 2.06 0.00	75.18 3.24 0.00	65.94 2.90 0.00	58.62 2.68 0.00	54.01 2.28 0.00	46.46 1.35 0.00	42.53 1.20 0.00	41.38 1.21 0.00
ERIE_ST__34_KV_TB1-2 80199	40.63 -2.55 0.00	36.90 -2.95 0.00	36.72 -3.06 0.00	35.80 -2.90 0.00	35.23 -3.15 0.00	39.08 -5.08 0.02	52.93 -6.88 0.02	60.60 -7.95 0.01	49.53 -5.81 0.02	43.49 -5.27 0.01	39.68 -4.75 0.00	38.87 -4.51 0.00	37.86 -4.63 0.02	39.75 -5.03 0.02	43.35 -5.67 0.02	47.29 -6.05 0.02	50.24 -5.46 0.00	64.32 -7.63 0.00	56.61 -6.43 0.00	50.90 -5.37 0.00	46.67 -5.07 0.00	40.55 -4.56 0.00	37.12 -4.22 0.00	36.32 -3.86 0.00
ERIE_WT_PWR 323693	40.63 -2.55 0.00	36.86 -2.99 0.00	36.80 -2.98 0.00	35.76 -2.94 0.00	35.19 -3.18 0.00	38.86 -7.66 0.02	52.15 -8.44 0.02	60.12 -9.66 0.01	49.20 -6.15 0.02	43.25 -5.51 0.01	39.50 -4.93 0.00	38.70 -4.69 0.00	37.57 -4.93 0.02	39.48 -5.03 0.02	42.77 -5.67 0.02	46.97 -6.05 0.02	49.85 -5.85 0.00	63.81 -8.13 0.00	56.17 -6.87 0.00	50.57 -5.37 0.00	46.46 -5.28 0.00	40.32 -4.78 0.00	36.79 -4.55 0.00	36.28 -3.90 0.00
ESPRGFLD_115KV_TB1 80157	43.61 0.43 0.00	40.29 0.44 0.00	40.19 0.40 0.00	39.02 0.31 0.00	38.68 0.31 0.00	44.71 0.53 0.00	60.67 0.84 0.00	69.53 0.96 0.00	55.64 0.28 0.00	48.67 -0.10 0.00	44.17 -0.27 0.00	43.12 -0.26 0.00	42.30 -0.21 0.00	44.57 0.04 0.00	48.84 0.39 0.00	53.78 0.74 0.00	56.31 0.61 0.00	73.02 1.08 0.00	64.11 1.07 0.00	56.89 0.95 0.00	52.51 0.78 0.00	45.60 0.50 0.00	41.91 0.58 0.00	40.62 0.44 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.39 0.22 0.00	40.05 0.20 0.00	39.87 0.08 0.00	38.78 0.08 0.00	38.45 0.08 0.00	44.17 -0.04 -0.03	60.00 0.12 -0.05	68.86 0.27 -0.02	55.61 0.22 -0.03	48.79 0.00 -0.02	44.21 -0.22 0.00	43.21 -0.17 0.00	42.38 -0.17 -0.03	44.47 -0.09 -0.03	48.44 -0.05 -0.03	53.17 0.11 -0.03	56.03 0.33 0.00	72.59 0.65 0.00	63.60 0.57 0.00	56.44 0.50 0.00	52.10 0.36 0.00	45.33 0.23 0.00	41.46 0.12 0.00	40.26 0.08 0.00
ETNA____115KV_TB2 80207	43.39 0.22 0.00	40.05 0.20 0.00	39.87 0.08 0.00	38.78 0.08 0.00	38.45 0.08 0.00	44.17 -0.04 -0.03	60.00 0.12 -0.05	68.86 0.27 -0.02	55.61 0.22 -0.03	48.79 0.00 -0.02	44.21 -0.22 0.00	43.21 -0.17 0.00	42.38 -0.17 -0.03	44.47 -0.09 -0.03	48.44 -0.05 -0.03	53.17 0.11 -0.03	56.03 0.33 0.00	72.59 0.65 0.00	63.60 0.57 0.00	56.44 0.50 0.00	52.10 0.36 0.00	45.33 0.23 0.00	41.46 0.12 0.00	40.26 0.08 0.00
EUCLID__115KV_TB2 356179	42.01 -1.17 0.00	38.77 -1.08 0.00	38.63 -1.15 0.00	37.62 -1.08 0.00	37.30 -1.07 0.00	42.76 -1.41 0.00	57.98 -1.85 0.00	66.65 -1.92 0.00	53.92 -1.44 0.00	47.50 -1.27 0.00	43.19 -1.24 0.00	42.30 -1.08 0.00	41.41 -1.11 0.00	43.42 -1.11 0.00	47.20 -1.26 0.00	51.71 -1.33 0.00	54.42 -1.28 0.00	70.22 -1.73 0.00	61.59 -1.45 0.00	54.65 -1.29 0.00	50.50 -1.24 0.00	43.93 -1.17 0.00	40.26 -1.07 0.00	39.13 -1.04 0.00
E_CANADA_CAP_HY 24051	43.44 0.26 0.00	40.13 0.28 0.00	40.07 0.28 0.00	38.94 0.23 0.00	38.61 0.23 0.00	44.80 0.62 0.00	60.61 0.78 0.00	69.39 0.83 0.00	55.14 -0.22 0.00	47.98 -0.78 0.00	43.55 -0.89 0.00	42.43 -0.95 0.00	41.62 -0.89 0.00	43.91 -0.62 0.00	48.41 -0.05 0.00	53.46 0.42 0.00	55.64 -0.06 0.00	72.52 0.57 0.00	63.67 0.63 0.00	56.55 0.62 0.00	52.26 0.52 0.00	45.43 0.32 0.00	41.96 0.62 0.00	40.58 0.40 0.00
E_CANADA_MHWK_HY 24050	46.02 2.85 0.00	42.52 2.67 0.00	42.41 2.63 0.00	41.22 2.51 0.00	40.76 2.38 0.00	46.83 2.65 0.00	63.36 3.53 0.00	72.34 3.77 0.00	58.18 2.82 0.00	51.11 2.34 0.00	46.57 2.13 0.00	45.47 2.08 0.00	44.47 1.96 0.00	46.62 2.09 0.00	50.69 2.23 0.00	55.58 2.55 0.00	58.32 2.62 0.00	75.40 3.45 0.00	66.19 3.15 0.00	58.84 2.91 0.00	54.38 2.64 0.00	47.36 2.25 0.00	43.44 2.11 0.00	42.27 2.09 0.00
E_FISHKILL__LBMP 23776	44.94 1.77 0.00	41.48 1.63 0.00	41.38 1.59 0.00	40.25 1.55 0.00	39.95 1.57 0.00	46.16 1.99 0.00	62.52 2.69 0.00	71.45 2.88 0.00	57.68 2.33 0.00	51.16 2.39 0.00	46.70 2.27 0.00	45.68 2.30 0.00	44.89 2.38 0.00	47.02 2.49 0.00	51.12 2.67 0.00	55.74 2.70 0.00	58.48 2.78 0.00	75.61 3.67 0.00	66.19 3.15 0.00	58.79 2.85 0.00	54.53 2.79 0.00	47.68 2.57 0.00	43.69 2.36 0.00	42.39 2.21 0.00
FALCON__SEABRD_CC1 323796	43.73 0.56 0.00	40.33 0.48 0.00	40.34 0.56 0.00	39.21 0.50 0.00	38.95 0.58 0.00	45.06 0.88 0.00	61.15 1.31 0.00	70.01 1.44 0.00	56.36 1.00 0.00	49.50 0.73 0.00	45.10 0.67 0.00	43.73 0.35 0.00	42.68 0.17 0.00	44.48 -0.04 0.00	48.31 -0.14 0.00	52.66 -0.37 0.00	55.14 -0.56 0.00	70.65 -1.29 0.00	61.78 -1.26 0.00	54.76 -1.18 0.00	50.65 -1.09 0.00	44.16 -0.95 0.00	40.51 -0.83 0.00	39.46 -0.72 0.00
FALCON__SEABRD_CC2 323797	43.73 0.56 0.00	40.33 0.48 0.00	40.34 0.56 0.00	39.21 0.50 0.00	38.95 0.58 0.00	45.06 0.88 0.00	61.15 1.31 0.00	70.01 1.44 0.00	56.36 1.00 0.00	49.50 0.73 0.00	45.10 0.67 0.00	43.73 0.35 0.00	42.68 0.17 0.00	44.48 -0.04 0.00	48.31 -0.14 0.00	52.66 -0.37 0.00	55.14 -0.56 0.00	70.65 -1.29 0.00	61.78 -1.26 0.00	54.76 -1.18 0.00	50.65 -1.09 0.00	44.16 -0.95 0.00	40.51 -0.83 0.00	39.46 -0.72 0.00

FAR ROCKAWAY___4 23548	46.28 3.11 0.00	42.60 2.75 0.00	42.37 2.59 0.00	41.22 2.52 0.00	40.99 2.61 0.00	47.63 3.45 0.00	63.66 3.83 0.00	72.68 4.11 0.00	58.18 2.82 0.00	52.03 3.27 0.00	47.94 3.51 0.00	47.20 3.82 0.00	46.46 3.95 0.00	48.44 3.92 0.00	52.33 3.88 0.00	57.01 3.98 0.00	60.04 4.34 0.00	78.06 6.12 0.00	68.33 5.30 0.00	60.35 4.42 0.00	55.72 3.98 0.00	49.30 4.19 0.00	45.43 4.09 0.00	43.92 3.74 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.73 2.55 -0.01	42.21 2.35 -0.01	42.06 2.27 0.00	40.87 2.17 0.00	40.57 2.19 0.00	46.92 2.74 -0.01	63.60 3.77 0.00	72.68 4.11 0.00	58.79 3.43 0.00	52.20 3.41 -0.02	47.70 3.24 -0.02	46.72 3.30 -0.04	45.86 3.32 -0.03	48.04 3.47 -0.04	52.17 3.68 -0.04	56.80 3.77 0.00	59.65 3.95 0.00	76.98 5.04 0.00	67.32 4.29 0.00	59.85 3.92 0.00	55.57 3.83 0.00	48.49 3.38 0.00	44.48 3.14 -0.01	43.16 2.97 -0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.77 2.59 -0.01	42.21 2.35 -0.01	42.06 2.27 0.00	40.87 2.17 0.00	40.60 2.23 0.00	46.92 2.74 -0.01	63.60 3.77 0.00	72.68 4.11 0.00	58.79 3.43 0.00	52.20 3.41 -0.02	47.70 3.24 -0.02	46.72 3.30 -0.03	45.86 3.32 -0.03	48.04 3.47 -0.03	52.17 3.68 -0.03	56.80 3.77 0.00	59.65 3.95 0.00	76.98 5.04 0.00	67.32 4.29 0.00	59.85 3.92 0.00	55.57 3.83 0.00	48.49 3.38 0.00	44.53 3.18 -0.01	43.16 2.97 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.73 2.55 -0.01	42.17 2.31 -0.01	42.06 2.27 0.00	40.87 2.17 0.00	40.57 2.19 0.00	46.92 2.74 -0.01	63.60 3.77 0.00	72.61 4.05 0.00	58.74 3.38 0.00	52.15 3.36 -0.02	47.65 3.20 -0.02	46.67 3.25 -0.04	45.86 3.32 -0.03	48.04 3.47 -0.04	52.17 3.68 -0.04	56.80 3.77 0.00	59.60 3.90 0.00	76.98 5.04 0.00	67.26 4.22 0.00	59.80 3.86 0.00	55.52 3.78 0.00	48.49 3.38 0.00	44.48 3.14 -0.01	43.12 2.93 -0.01
FARRAGUT___LBMP 323566	45.69 2.50 -0.01	42.17 2.31 -0.01	42.02 2.23 0.00	40.84 2.13 0.00	40.57 2.19 0.00	46.88 2.69 -0.01	63.54 3.71 0.00	72.61 4.05 0.00	58.68 3.32 0.00	52.15 3.36 -0.02	47.61 3.15 -0.02	46.63 3.21 -0.04	45.81 3.27 -0.03	47.99 3.43 -0.04	52.13 3.63 -0.04	56.75 3.71 0.00	59.54 3.84 0.00	76.91 4.96 0.00	67.20 4.16 0.00	59.74 3.80 0.00	55.46 3.73 0.00	48.45 3.34 0.00	44.44 3.10 -0.01	43.12 2.93 -0.01
FENNER___WINDPWR 24204	43.69 0.52 0.00	40.37 0.52 0.00	40.27 0.48 0.00	39.09 0.39 0.00	38.80 0.42 0.00	44.63 0.44 -0.01	60.56 0.72 -0.01	69.46 0.89 0.00	56.08 0.72 -0.01	49.21 0.44 0.00	44.61 0.18 0.00	43.69 0.31 0.00	42.82 0.30 -0.01	44.98 0.45 -0.01	48.95 0.48 -0.01	53.73 0.69 -0.01	56.54 0.84 0.00	73.02 1.08 0.00	63.98 0.95 0.00	56.83 0.89 0.00	52.46 0.72 0.00	45.60 0.50 0.00	41.71 0.37 0.00	40.54 0.36 0.00
FIBERTEK___ENERGY 23856	42.44 -0.73 0.00	39.17 -0.68 0.00	39.03 -0.76 0.00	38.01 -0.70 0.00	37.69 -0.69 0.00	43.29 -0.88 0.00	58.69 -1.14 0.00	67.47 -1.10 0.00	54.64 -0.72 0.00	48.03 -0.73 0.00	43.68 -0.76 0.00	42.78 -0.61 0.00	41.92 -0.60 0.00	43.91 -0.62 0.00	47.78 -0.68 0.00	52.34 -0.69 0.00	55.09 -0.61 0.00	71.15 -0.79 0.00	62.28 -0.76 0.00	55.26 -0.67 0.00	51.07 -0.67 0.00	44.43 -0.68 0.00	40.72 -0.62 0.00	39.54 -0.64 0.00
FITZPATRICK___ 23598	41.49 -1.68 0.00	38.25 -1.60 0.00	38.20 -1.59 0.00	37.16 -1.55 0.00	36.84 -1.54 0.00	42.28 -1.90 0.00	57.26 -2.57 0.00	65.75 -2.81 0.00	53.20 -2.16 0.00	46.81 -1.95 0.00	42.61 -1.82 0.00	41.69 -1.69 0.00	40.85 -1.66 0.00	42.79 -1.74 0.00	46.52 -1.94 0.00	50.96 -2.07 0.00	53.64 -2.06 0.00	69.21 -2.73 0.00	60.71 -2.33 0.00	53.87 -2.07 0.00	49.77 -1.97 0.00	43.35 -1.76 0.00	39.68 -1.65 0.00	38.65 -1.53 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.46 2.29 0.00	41.92 2.07 0.00	41.86 2.07 0.00	40.72 2.01 0.00	40.41 2.03 0.00	46.65 2.47 0.00	63.30 3.47 0.00	72.27 3.70 0.00	58.24 2.88 0.00	51.50 2.73 0.00	46.97 2.53 0.00	45.90 2.52 0.00	45.23 2.72 0.00	47.47 2.94 0.00	51.61 3.15 0.00	56.32 3.29 0.00	59.15 3.45 0.00	76.55 4.60 0.00	67.01 3.97 0.00	59.52 3.58 0.00	55.20 3.47 0.00	48.13 3.02 0.00	44.11 2.77 0.00	42.75 2.57 0.00
FORT ORANGE___ 23900	43.78 0.60 0.00	40.49 0.64 0.00	40.42 0.63 0.00	39.40 0.70 0.00	39.11 0.73 0.00	45.15 0.97 0.00	61.15 1.31 0.00	70.01 1.44 0.00	56.41 1.05 0.00	49.65 0.88 0.00	45.24 0.80 0.00	44.12 0.74 0.00	43.32 0.81 0.00	45.37 0.84 0.00	49.52 1.06 0.00	54.25 1.22 0.00	56.87 1.17 0.00	73.74 1.80 0.00	64.61 1.58 0.00	57.39 1.45 0.00	53.19 1.45 0.00	46.37 1.26 0.00	42.49 1.16 0.00	41.26 1.09 0.00
FORT_DRUM_COGEN 23780	43.61 0.43 0.00	40.45 0.60 0.00	40.27 0.48 0.00	38.86 0.15 0.00	38.72 0.35 0.00	44.49 0.31 0.00	60.43 0.60 0.00	69.32 0.75 0.00	55.47 0.11 0.00	48.33 -0.44 0.00	43.77 -0.67 0.00	42.65 -0.74 0.00	41.75 -0.77 0.00	43.86 -0.67 0.00	47.83 -0.63 0.00	52.56 -0.48 0.00	55.42 -0.28 0.00	71.87 -0.07 0.00	63.29 0.25 0.00	56.33 0.39 0.00	51.89 0.16 0.00	45.02 -0.09 0.00	41.17 -0.17 0.00	39.98 -0.20 0.00
FOX_HILLS___ESR 323835	46.30 3.11 -0.01	42.73 2.87 -0.01	42.58 2.79 -0.01	41.39 2.67 -0.01	41.11 2.72 -0.01	47.46 3.27 -0.01	63.60 3.77 0.00	72.20 3.63 0.00	58.46 3.10 0.00	52.35 3.56 -0.02	47.79 3.33 -0.02	46.46 3.04 -0.04	45.99 3.44 -0.03	47.96 3.38 -0.04	52.28 3.78 -0.04	56.75 3.71 0.00	59.38 3.68 0.00	76.55 4.60 0.00	66.95 3.91 0.00	59.68 3.75 0.00	55.62 3.88 0.00	48.99 3.88 0.00	44.99 3.64 -0.01	43.65 3.46 -0.01
FPL_FAR_ROCK_GT1 24212	46.28 3.11 0.00	42.60 2.75 0.00	42.34 2.55 0.00	41.22 2.51 0.00	40.99 2.61 0.00	47.58 3.40 0.00	63.67 3.83 0.00	72.54 3.98 0.00	58.29 2.93 0.00	51.89 3.12 0.00	48.03 3.60 0.00	47.20 3.82 0.00	46.38 3.87 0.00	48.36 3.83 0.00	52.33 3.88 0.00	57.01 3.98 0.00	60.05 4.35 0.00	78.06 6.11 0.00	68.33 5.30 0.00	60.35 4.42 0.00	55.72 3.98 0.00	49.35 4.24 0.00	45.55 4.22 0.00	43.92 3.74 0.00
FPL_FAR_ROCK_GT2 23815	46.28 3.11 0.00	42.60 2.75 0.00	42.34 2.55 0.00	41.22 2.51 0.00	40.99 2.61 0.00	47.58 3.40 0.00	63.67 3.83 0.00	72.54 3.98 0.00	58.29 2.93 0.00	51.89 3.12 0.00	48.03 3.60 0.00	47.20 3.82 0.00	46.38 3.87 0.00	48.36 3.83 0.00	52.33 3.88 0.00	57.01 3.98 0.00	60.05 4.35 0.00	78.06 6.11 0.00	68.33 5.30 0.00	60.35 4.42 0.00	55.72 3.98 0.00	49.35 4.24 0.00	45.55 4.22 0.00	43.92 3.74 0.00
FRANKLIN_FALL_HYD 24054	44.17 0.99 0.00	40.73 0.88 0.00	40.74 0.95 0.00	39.60 0.89 0.00	39.34 0.96 0.00	45.55 1.37 0.00	61.87 2.03 0.00	70.76 2.19 0.00	57.02 1.66 0.00	49.99 1.22 0.00	45.55 1.11 0.00	44.08 0.69 0.00	42.98 0.47 0.00	44.89 0.36 0.00	48.84 0.39 0.00	53.25 0.21 0.00	55.70 0.00 0.00	71.37 -0.58 0.00	62.41 -0.63 0.00	55.43 -0.50 0.00	51.27 -0.47 0.00	44.75 -0.36 0.00	41.05 -0.29 0.00	39.98 -0.20 0.00

FREEPORT_EQUS_GT1 23764	45.94 2.77 0.00	42.28 2.43 0.00	42.01 2.23 0.00	40.91 2.21 0.00	40.68 2.30 0.00	47.27 3.09 0.00	63.12 3.29 0.00	71.99 3.43 0.00	57.79 2.43 0.00	51.49 2.73 0.00	47.64 3.20 0.00	46.77 3.39 0.00	46.00 3.49 0.00	47.91 3.38 0.00	51.85 3.39 0.00	56.53 3.50 0.00	59.54 3.84 0.00	77.48 5.54 0.00	67.83 4.79 0.00	59.91 3.97 0.00	55.31 3.57 0.00	48.99 3.88 0.00	45.26 3.93 0.00	43.64 3.46 0.00
FREEPORT___CT2 23818	45.94 2.77 0.00	42.28 2.43 0.00	42.01 2.23 0.00	40.91 2.21 0.00	40.68 2.30 0.00	47.27 3.09 0.00	63.12 3.29 0.00	71.99 3.43 0.00	57.79 2.43 0.00	51.49 2.73 0.00	47.64 3.20 0.00	46.77 3.39 0.00	46.00 3.49 0.00	47.91 3.38 0.00	51.85 3.39 0.00	56.53 3.50 0.00	59.54 3.84 0.00	77.48 5.54 0.00	67.83 4.79 0.00	59.91 3.97 0.00	55.31 3.57 0.00	48.99 3.88 0.00	45.26 3.93 0.00	43.64 3.46 0.00
FRESHKLS_33_KV_LOAD 356253	46.51 3.32 -0.01	42.89 3.03 -0.01	42.78 2.98 -0.01	41.58 2.86 -0.01	41.26 2.88 -0.01	47.68 3.49 -0.01	63.66 3.83 0.00	72.20 3.63 0.00	58.51 3.16 0.00	52.54 3.76 -0.02	47.92 3.47 -0.02	46.51 3.08 -0.04	46.12 3.57 -0.03	48.04 3.47 -0.04	52.42 3.93 -0.04	56.80 3.77 0.00	59.38 3.68 0.00	76.62 4.68 0.00	67.01 3.97 0.00	59.74 3.80 0.00	55.77 4.04 0.00	49.17 4.06 0.00	45.15 3.80 -0.01	43.85 3.66 -0.01
FULTON COGEN____ 23766	41.79 -1.38 0.00	38.61 -1.24 0.00	38.48 -1.31 0.00	37.47 -1.24 0.00	37.15 -1.23 0.00	42.63 -1.55 0.00	57.80 -2.03 0.00	66.37 -2.19 0.00	53.75 -1.61 0.00	47.30 -1.46 0.00	43.01 -1.42 0.00	42.08 -1.30 0.00	41.24 -1.28 0.00	43.19 -1.34 0.00	47.00 -1.45 0.00	51.50 -1.54 0.00	54.20 -1.50 0.00	70.00 -1.94 0.00	61.34 -1.70 0.00	54.48 -1.45 0.00	50.29 -1.45 0.00	43.80 -1.31 0.00	40.10 -1.24 0.00	38.97 -1.21 0.00
FULTON___LFGE 323630	44.25 1.08 0.00	40.93 1.08 0.00	40.82 1.03 0.00	39.71 1.00 0.00	39.37 1.00 0.00	45.68 1.50 0.00	61.92 2.09 0.00	70.90 2.33 0.00	56.30 0.94 0.00	48.96 0.20 0.00	44.26 -0.18 0.00	43.04 -0.35 0.00	42.22 -0.30 0.00	44.62 0.09 0.00	49.23 0.77 0.00	54.52 1.48 0.00	56.98 1.28 0.00	74.18 2.23 0.00	65.18 2.14 0.00	57.84 1.90 0.00	53.50 1.76 0.00	46.51 1.40 0.00	42.78 1.45 0.00	41.38 1.20 0.00
G.F.CEMENT___DRP 24184	44.64 1.47 0.00	41.28 1.43 0.00	41.18 1.39 0.00	40.10 1.39 0.00	39.80 1.42 0.00	46.16 1.99 0.00	62.46 2.63 0.00	71.79 3.22 0.00	57.57 2.21 0.00	50.62 1.85 0.00	45.95 1.51 0.00	44.77 1.39 0.00	43.87 1.36 0.00	45.95 1.42 0.00	50.25 1.79 0.00	55.10 2.07 0.00	57.59 1.89 0.00	74.89 2.95 0.00	65.68 2.65 0.00	58.28 2.35 0.00	54.12 2.38 0.00	47.23 2.12 0.00	43.24 1.90 0.00	41.91 1.73 0.00
GARDENVILLE___LBMP 24039	40.50 -2.68 0.00	36.78 -3.07 0.00	36.61 -3.18 0.00	35.69 -3.02 0.00	35.08 -3.30 0.00	38.68 -5.48 0.02	51.97 -7.84 0.02	59.92 -8.64 0.01	48.92 -6.42 0.02	43.10 -5.66 0.01	39.28 -5.15 0.00	38.48 -4.90 0.00	37.39 -5.10 0.02	39.26 -5.25 0.02	42.58 -5.86 0.02	46.76 -6.26 0.02	49.57 -6.13 0.00	63.74 -8.20 0.00	56.10 -6.93 0.00	50.45 -5.48 0.00	46.31 -5.43 0.00	40.28 -4.83 0.00	36.87 -4.46 0.00	36.16 -4.02 0.00
GARDNVLA_35_KV_LD 355827	40.71 -2.46 0.00	36.98 -2.87 0.00	36.80 -2.98 0.00	35.88 -2.83 0.00	35.27 -3.11 0.00	38.95 -5.21 0.01	52.34 -7.48 0.02	60.40 -8.16 0.01	49.31 -6.03 0.01	43.49 -5.27 0.01	39.68 -4.75 0.00	38.87 -4.51 0.00	37.78 -4.72 0.01	39.66 -4.85 0.01	42.97 -5.48 0.01	47.18 -5.83 0.01	50.07 -5.63 0.00	63.96 -7.99 0.00	56.29 -6.75 0.00	50.62 -5.31 0.00	46.46 -5.28 0.00	40.42 -4.69 0.00	37.00 -4.34 0.00	36.28 -3.90 0.00
GELCKHM___115KV_LOAD 80723	42.18 -0.99 0.00	38.93 -0.92 0.00	38.79 -0.99 0.00	37.78 -0.93 0.00	37.46 -0.92 0.00	42.98 -1.19 0.00	58.28 -1.56 0.00	66.92 -1.65 0.00	54.20 -1.16 0.00	47.69 -1.07 0.00	43.41 -1.02 0.00	42.47 -0.91 0.00	41.62 -0.89 0.00	43.59 -0.94 0.00	47.44 -1.02 0.00	51.97 -1.06 0.00	54.64 -1.06 0.00	70.58 -1.37 0.00	61.84 -1.20 0.00	54.87 -1.06 0.00	50.70 -1.03 0.00	44.16 -0.95 0.00	40.43 -0.91 0.00	39.30 -0.88 0.00
GENERAL___MILLS 23808	40.58 -2.59 0.00	36.86 -2.99 0.00	36.68 -3.10 0.00	35.76 -2.94 0.00	35.15 -3.22 0.00	38.82 -5.35 0.02	52.16 -7.66 0.02	60.19 -8.37 0.01	49.14 -6.20 0.02	43.29 -5.46 0.01	39.50 -4.93 0.00	38.70 -4.69 0.00	37.61 -4.89 0.02	39.48 -5.03 0.02	42.82 -5.62 0.02	46.97 -6.05 0.02	49.85 -5.85 0.00	63.81 -8.13 0.00	56.23 -6.81 0.00	50.57 -5.37 0.00	46.41 -5.33 0.00	40.33 -4.78 0.00	36.95 -4.38 0.00	36.20 -3.98 0.00
GE_PLASTICS___DRP 24183	43.65 0.47 0.00	40.37 0.52 0.00	40.31 0.52 0.00	39.29 0.58 0.00	38.95 0.58 0.00	44.97 0.80 0.00	60.91 1.08 0.00	69.66 1.10 0.00	56.24 0.89 0.00	49.60 0.83 0.00	45.19 0.76 0.00	44.12 0.74 0.00	43.32 0.81 0.00	45.37 0.85 0.00	49.47 1.02 0.00	54.15 1.11 0.00	56.76 1.06 0.00	73.45 1.51 0.00	64.30 1.26 0.00	57.11 1.17 0.00	52.93 1.19 0.00	46.19 1.08 0.00	42.29 0.95 0.00	41.10 0.92 0.00
GILBOA___1 23756	43.95 0.78 0.00	40.57 0.72 0.00	40.62 0.84 0.00	39.56 0.85 0.00	39.11 0.73 0.00	45.11 0.93 0.00	61.09 1.26 0.00	69.94 1.37 0.00	56.47 1.11 0.00	49.84 1.07 0.00	45.46 1.02 0.00	44.38 1.00 0.00	43.58 1.06 0.00	45.64 1.11 0.00	49.71 1.26 0.00	54.36 1.33 0.00	57.03 1.33 0.00	73.74 1.80 0.00	64.61 1.58 0.00	57.33 1.40 0.00	53.14 1.40 0.00	46.37 1.26 0.00	42.49 1.16 0.00	41.22 1.04 0.00
GILBOA___2 23757	43.95 0.78 0.00	40.57 0.72 0.00	40.62 0.84 0.00	39.56 0.85 0.00	39.11 0.73 0.00	45.11 0.93 0.00	61.09 1.26 0.00	69.94 1.37 0.00	56.47 1.11 0.00	49.84 1.07 0.00	45.46 1.02 0.00	44.38 1.00 0.00	43.58 1.06 0.00	45.64 1.11 0.00	49.71 1.26 0.00	54.36 1.33 0.00	57.03 1.33 0.00	73.74 1.80 0.00	64.61 1.58 0.00	57.33 1.40 0.00	53.14 1.40 0.00	46.37 1.26 0.00	42.49 1.16 0.00	41.22 1.04 0.00
GILBOA___3 23758	43.95 0.78 0.00	40.57 0.72 0.00	40.62 0.84 0.00	39.56 0.85 0.00	39.11 0.73 0.00	45.11 0.93 0.00	61.09 1.26 0.00	69.94 1.37 0.00	56.47 1.11 0.00	49.84 1.07 0.00	45.46 1.02 0.00	44.38 1.00 0.00	43.58 1.06 0.00	45.64 1.11 0.00	49.71 1.26 0.00	54.36 1.33 0.00	57.03 1.33 0.00	73.74 1.80 0.00	64.61 1.58 0.00	57.33 1.40 0.00	53.14 1.40 0.00	46.37 1.26 0.00	42.49 1.16 0.00	41.22 1.04 0.00
GILBOA___4 23759	43.95 0.78 0.00	40.57 0.72 0.00	40.62 0.84 0.00	39.56 0.85 0.00	39.11 0.73 0.00	45.11 0.93 0.00	61.09 1.26 0.00	69.94 1.37 0.00	56.47 1.11 0.00	49.84 1.07 0.00	45.46 1.02 0.00	44.38 1.00 0.00	43.58 1.06 0.00	45.64 1.11 0.00	49.71 1.26 0.00	54.36 1.33 0.00	57.03 1.33 0.00	73.74 1.80 0.00	64.61 1.58 0.00	57.33 1.40 0.00	53.14 1.40 0.00	46.37 1.26 0.00	42.49 1.16 0.00	41.22 1.04 0.00

GILBOA____ 23599	43.95 0.78 0.00	40.57 0.72 0.00	40.62 0.84 0.00	39.56 0.85 0.00	39.11 0.73 0.00	45.10 0.93 0.00	61.09 1.26 0.00	69.94 1.37 0.00	56.47 1.11 0.00	49.84 1.07 0.00	45.46 1.02 0.00	44.38 1.00 0.00	43.58 1.06 0.00	45.69 1.16 0.00	49.72 1.26 0.00	54.36 1.33 0.00	57.04 1.34 0.00	73.74 1.80 0.00	64.61 1.58 0.00	57.39 1.45 0.00	53.14 1.40 0.00	46.37 1.26 0.00	42.49 1.16 0.00	41.26 1.08 0.00
GINNA____ 23603	39.72 -3.46 0.00	36.46 -3.39 0.00	36.37 -3.42 0.00	35.42 -3.29 0.00	35.04 -3.34 0.00	39.67 -4.51 0.00	53.66 -6.16 0.01	62.12 -6.45 0.00	50.48 -4.87 0.00	44.57 -4.19 0.00	40.57 -3.87 0.00	39.87 -3.51 0.00	38.94 -3.57 0.00	40.83 -3.70 0.00	44.14 -4.31 0.00	48.57 -4.45 0.00	51.30 -4.40 0.00	65.90 -6.04 0.00	57.87 -5.17 0.00	51.41 -4.53 0.00	47.29 -4.45 0.00	41.05 -4.06 0.00	37.41 -3.93 0.00	36.52 -3.66 0.00
GLEN PARK____ 23778	43.65 0.48 0.00	40.49 0.64 0.00	40.30 0.52 0.00	38.86 0.16 0.00	38.76 0.38 0.00	44.53 0.35 0.00	60.55 0.72 0.00	69.39 0.83 0.00	55.58 0.22 0.00	48.37 -0.39 0.00	43.64 -0.80 0.00	42.65 -0.74 0.00	41.75 -0.76 0.00	43.86 -0.67 0.00	47.78 -0.68 0.00	52.61 -0.43 0.00	55.53 -0.17 0.00	72.09 0.14 0.00	63.48 0.44 0.00	56.61 0.67 0.00	52.05 0.31 0.00	45.11 0.00 0.00	41.25 -0.08 0.00	40.06 -0.12 0.00
GLENDALE_27_KV_LOAD 356172	46.07 2.89 -0.01	42.49 2.63 -0.01	42.38 2.59 -0.01	41.14 2.44 0.00	40.88 2.49 -0.01	47.23 3.05 -0.01	63.78 3.95 0.00	72.54 3.98 0.00	58.85 3.49 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.77 3.34 -0.04	46.03 3.49 -0.03	48.13 3.56 -0.04	52.33 3.83 -0.04	56.96 3.92 0.00	59.71 4.01 0.00	76.91 4.96 0.00	67.26 4.22 0.00	59.91 3.97 0.00	55.72 3.98 0.00	48.76 3.65 0.00	44.77 3.43 -0.01	43.40 3.21 -0.01
GLENWOOD_IC_1_G5 23712	45.76 2.59 0.00	42.16 2.31 0.00	41.98 2.19 0.00	40.80 2.09 0.00	40.57 2.19 0.00	47.00 2.83 0.00	63.24 3.41 0.00	72.20 3.63 0.00	58.13 2.77 0.00	51.79 3.02 0.00	47.54 3.11 0.00	46.68 3.30 0.00	45.91 3.40 0.00	47.96 3.43 0.00	51.94 3.49 0.00	56.59 3.55 0.00	59.54 3.84 0.00	77.12 5.18 0.00	67.51 4.48 0.00	59.74 3.80 0.00	55.31 3.57 0.00	48.63 3.52 0.00	44.73 3.39 0.00	43.31 3.13 0.00
GLENWOOD_IC_2_G1 23688	45.55 2.37 0.00	42.00 2.15 0.00	41.82 2.03 0.00	40.68 1.97 0.00	40.41 2.03 0.00	46.78 2.61 0.00	63.06 3.23 0.00	72.06 3.50 0.00	58.07 2.71 0.00	51.64 2.88 0.00	47.41 2.98 0.00	46.42 3.04 0.00	45.61 3.10 0.00	47.69 3.16 0.00	51.75 3.30 0.00	56.38 3.34 0.00	59.21 3.51 0.00	76.76 4.82 0.00	67.20 4.16 0.00	59.52 3.58 0.00	55.15 3.41 0.00	48.45 3.34 0.00	44.56 3.23 0.00	43.07 2.89 0.00
GLENWOOD_IC_3_G1 23689	45.55 2.37 0.00	42.00 2.15 0.00	41.82 2.03 0.00	40.68 1.97 0.00	40.41 2.03 0.00	46.78 2.61 0.00	63.06 3.23 0.00	72.06 3.50 0.00	58.07 2.71 0.00	51.64 2.88 0.00	47.41 2.98 0.00	46.42 3.04 0.00	45.61 3.10 0.00	47.69 3.16 0.00	51.75 3.30 0.00	56.38 3.34 0.00	59.21 3.51 0.00	76.76 4.82 0.00	67.20 4.16 0.00	59.52 3.58 0.00	55.15 3.41 0.00	48.45 3.34 0.00	44.56 3.23 0.00	43.07 2.89 0.00
GLENWOOD____4 23550	45.76 2.59 0.00	42.16 2.31 0.00	41.98 2.19 0.00	40.80 2.09 0.00	40.57 2.19 0.00	47.00 2.83 0.00	63.24 3.41 0.00	72.20 3.63 0.00	58.13 2.77 0.00	51.79 3.02 0.00	47.54 3.11 0.00	46.68 3.30 0.00	45.91 3.40 0.00	47.96 3.43 0.00	51.94 3.49 0.00	56.59 3.55 0.00	59.54 3.84 0.00	77.12 5.18 0.00	67.51 4.48 0.00	59.74 3.80 0.00	55.31 3.57 0.00	48.63 3.52 0.00	44.73 3.39 0.00	43.31 3.13 0.00
GLENWOOD____5 23614	45.76 2.59 0.00	42.16 2.31 0.00	41.98 2.19 0.00	40.80 2.09 0.00	40.57 2.19 0.00	47.00 2.83 0.00	63.24 3.41 0.00	72.20 3.63 0.00	58.13 2.77 0.00	51.79 3.02 0.00	47.54 3.11 0.00	46.68 3.30 0.00	45.91 3.40 0.00	47.96 3.43 0.00	51.94 3.49 0.00	56.59 3.55 0.00	59.54 3.84 0.00	77.12 5.18 0.00	67.51 4.48 0.00	59.74 3.80 0.00	55.31 3.57 0.00	48.63 3.52 0.00	44.73 3.39 0.00	43.31 3.13 0.00
GLOBAL GREEN_PORT_GT1 23814	46.50 3.32 0.00	42.96 3.11 0.00	42.81 3.02 0.00	41.84 3.13 0.00	41.79 3.41 0.00	48.68 4.51 0.00	64.79 4.96 0.00	73.92 5.35 0.00	58.85 3.49 0.00	52.08 3.32 0.00	48.21 3.77 0.00	47.07 3.69 0.00	46.04 3.53 0.00	47.82 3.30 0.00	51.85 3.39 0.00	56.48 3.45 0.00	59.65 3.96 0.00	77.99 6.04 0.00	68.14 5.10 0.00	59.85 3.91 0.00	55.10 3.36 0.00	49.03 3.92 0.00	45.34 4.01 0.00	43.92 3.74 0.00
GLOBE____DSASP 323697	38.38 -4.79 0.00	34.75 -5.10 0.00	34.62 -5.17 0.00	33.87 -4.84 0.00	33.35 -5.03 0.00	36.55 -7.60 0.03	48.56 -11.25 0.03	56.61 -11.93 0.03	46.41 -8.91 0.03	41.23 -7.51 0.03	37.62 -6.80 0.02	36.90 -6.46 0.02	35.76 -6.72 0.03	37.51 -6.99 0.03	40.38 -8.04 0.03	44.52 -8.49 0.03	47.27 -8.41 0.02	60.34 -11.58 0.02	53.18 -9.83 0.02	48.89 -7.05 0.00	44.96 -6.78 0.00	39.15 -5.95 0.00	35.84 -5.50 0.00	35.24 -4.94 0.00
GOETHSLN____LBMP 323567	45.60 2.42 -0.01	42.09 2.23 -0.01	41.90 2.11 0.00	40.76 2.05 0.00	40.45 2.07 0.00	46.75 2.56 -0.01	63.42 3.59 0.00	72.48 3.91 0.00	58.62 3.27 0.00	52.05 3.27 -0.02	47.56 3.11 -0.02	46.63 3.21 -0.03	45.77 3.23 -0.03	47.95 3.38 -0.03	52.08 3.59 -0.03	56.59 3.55 0.00	59.43 3.73 0.00	76.69 4.75 0.00	67.07 4.03 0.00	59.63 3.69 0.00	55.36 3.62 0.00	48.31 3.20 0.00	44.32 2.98 -0.01	43.00 2.81 -0.01
GOLAH____69_KV_TB 1_2 80279	41.66 -1.51 0.00	38.14 -1.71 0.00	37.96 -1.83 0.00	37.00 -1.70 0.00	36.57 -1.80 0.00	41.03 -3.14 0.01	55.27 -4.55 0.01	64.04 -4.53 0.00	52.03 -3.32 0.01	45.98 -2.78 0.00	41.81 -2.62 0.00	41.04 -2.34 0.00	40.00 -2.51 0.01	41.89 -2.63 0.01	45.25 -3.20 0.01	49.74 -3.29 0.01	52.58 -3.12 0.00	67.56 -4.39 0.00	59.44 -3.59 0.00	53.03 -2.91 0.00	48.74 -3.00 0.00	42.36 -2.75 0.00	38.77 -2.56 0.00	37.89 -2.29 0.00
GOODYEAR_LAKE_HYD 323669	44.12 0.95 0.00	40.77 0.92 0.00	40.70 0.92 0.00	39.48 0.77 0.00	39.15 0.77 0.00	45.15 0.97 0.00	61.27 1.44 0.00	70.21 1.65 0.00	56.58 1.22 0.00	49.74 0.98 0.00	45.24 0.80 0.00	44.21 0.82 0.00	43.36 0.85 0.00	45.60 1.07 0.00	49.72 1.26 0.00	54.57 1.54 0.00	57.26 1.56 0.00	74.10 2.16 0.00	64.93 1.89 0.00	57.61 1.68 0.00	53.24 1.50 0.00	46.23 1.13 0.00	42.41 1.07 0.00	41.14 0.96 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.00 -0.17 0.00	39.61 -0.24 0.00	39.51 -0.28 0.00	38.44 -0.27 0.00	38.07 -0.31 0.00	43.56 -0.62 0.00	59.11 -0.72 0.00	67.81 -0.75 0.00	54.80 -0.55 0.00	48.23 -0.54 0.00	43.90 -0.53 0.00	42.95 -0.43 0.00	42.04 -0.47 0.00	44.08 -0.45 0.00	48.02 -0.44 0.00	52.61 -0.42 0.00	55.42 -0.28 0.00	71.58 -0.36 0.00	62.79 -0.25 0.00	55.77 -0.17 0.00	51.48 -0.26 0.00	44.84 -0.27 0.00	41.05 -0.29 0.00	39.90 -0.28 0.00

GOUDEY___7 23579	43.00 -0.17 0.00	39.61 -0.24 0.00	39.51 -0.28 0.00	38.44 -0.27 0.00	38.07 -0.31 0.00	43.56 -0.62 0.00	59.11 -0.72 0.00	67.81 -0.75 0.00	54.80 -0.55 0.00	48.23 -0.54 0.00	43.90 -0.53 0.00	42.95 -0.43 0.00	42.04 -0.47 0.00	44.08 -0.45 0.00	48.02 -0.44 0.00	52.61 -0.42 0.00	55.42 -0.28 0.00	71.58 -0.36 0.00	62.79 -0.25 0.00	55.77 -0.17 0.00	51.48 -0.26 0.00	44.84 -0.27 0.00	41.05 -0.29 0.00	39.90 -0.28 0.00
GOUDEY___8 23580	43.00 -0.17 0.00	39.61 -0.24 0.00	39.51 -0.28 0.00	38.44 -0.27 0.00	38.07 -0.31 0.00	43.56 -0.62 0.00	59.11 -0.72 0.00	67.81 -0.75 0.00	54.80 -0.55 0.00	48.23 -0.54 0.00	43.90 -0.53 0.00	42.95 -0.43 0.00	42.04 -0.47 0.00	44.08 -0.45 0.00	48.02 -0.44 0.00	52.61 -0.42 0.00	55.42 -0.28 0.00	71.58 -0.36 0.00	62.79 -0.25 0.00	55.77 -0.17 0.00	51.48 -0.26 0.00	44.84 -0.27 0.00	41.05 -0.29 0.00	39.90 -0.28 0.00
GOWANUS_GT1_1 24077	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT1_2 24078	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT1_3 24079	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT1_4 24080	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT1_5 24084	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT1_6 24111	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT1_7 24112	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT1_8 24113	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT2_1 24114	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT2_2 24115	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT2_3 24116	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT2_4 24117	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT2_5 24118	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01

GOWANUS_GT2_6 24119	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT2_7 24120	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT2_8 24121	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT3_1 24122	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT3_2 24123	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT3_3 24124	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT3_4 24125	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT3_5 24126	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT3_6 24127	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT3_7 24128	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT3_8 24129	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
GOWANUS_GT4_1 24130	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT4_2 24131	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT4_3 24132	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT4_4 24133	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01

GOWANUS_GT4_5 24134	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT4_6 24135	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT4_7 24136	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GOWANUS_GT4_8 24137	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GREATVR_69_KV_BK1 356245	46.41 3.24 0.00	42.72 2.87 0.00	42.45 2.67 0.00	41.34 2.63 0.00	41.14 2.76 0.00	47.93 3.76 0.00	63.78 3.95 0.00	72.89 4.32 0.00	58.13 2.77 0.00	51.94 3.17 0.00	47.99 3.55 0.00	47.20 3.82 0.00	46.51 4.00 0.00	48.44 3.92 0.00	52.28 3.83 0.00	57.01 3.98 0.00	60.27 4.57 0.00	78.49 6.55 0.00	68.77 5.74 0.00	60.58 4.64 0.00	55.83 4.09 0.00	49.57 4.47 0.00	45.80 4.46 0.00	44.24 4.06 0.00
GREENBSH_115KV_TB3 55895	43.56 0.39 0.00	40.29 0.44 0.00	40.23 0.44 0.00	39.21 0.50 0.00	38.92 0.54 0.00	44.93 0.75 0.00	60.85 1.02 0.00	69.66 1.10 0.00	56.19 0.83 0.00	49.55 0.78 0.00	45.15 0.71 0.00	44.08 0.69 0.00	43.28 0.77 0.00	45.33 0.80 0.00	49.43 0.97 0.00	54.09 1.06 0.00	56.70 1.00 0.00	73.38 1.44 0.00	64.30 1.26 0.00	57.05 1.12 0.00	52.88 1.14 0.00	46.14 1.04 0.00	42.29 0.95 0.00	41.10 0.92 0.00
GREENDGE_115KV_TB5 80291	42.53 -0.65 0.00	38.93 -0.92 0.00	38.63 -1.15 0.00	37.62 -1.08 0.00	37.19 -1.19 0.00	41.92 -2.21 0.05	56.59 -3.17 0.07	65.11 -3.43 0.03	52.49 -2.82 0.05	46.25 -2.49 0.03	41.90 -2.53 0.00	41.04 -2.34 0.00	39.96 -2.51 0.05	41.99 -2.49 0.05	45.79 -2.62 0.05	49.80 -3.18 0.05	52.91 -2.78 0.00	68.63 -3.31 0.00	60.33 -2.71 0.00	53.59 -2.35 0.00	49.26 -2.48 0.00	43.26 -1.85 0.00	39.56 -1.78 0.00	38.45 -1.73 0.00
GREENIDGE___3 23582	42.53 -0.65 0.00	38.93 -0.92 0.00	38.63 -1.15 0.00	37.62 -1.08 0.00	37.19 -1.19 0.00	41.92 -2.21 0.05	56.59 -3.17 0.07	65.11 -3.43 0.03	52.49 -2.82 0.05	46.25 -2.49 0.03	41.90 -2.53 0.00	41.04 -2.34 0.00	39.96 -2.51 0.05	41.99 -2.49 0.05	45.79 -2.62 0.05	49.80 -3.18 0.05	52.91 -2.78 0.00	68.63 -3.31 0.00	60.33 -2.71 0.00	53.59 -2.35 0.00	49.26 -2.48 0.00	43.26 -1.85 0.00	39.56 -1.78 0.00	38.45 -1.73 0.00
GREENIDGE___4 23583	42.53 -0.65 0.00	38.93 -0.91 0.00	38.67 -1.11 0.00	37.62 -1.08 0.00	37.23 -1.15 0.00	41.92 -2.21 0.05	56.59 -3.17 0.07	65.04 -3.49 0.03	52.54 -2.77 0.05	46.25 -2.49 0.03	41.90 -2.53 0.00	41.04 -2.34 0.00	39.92 -2.55 0.05	41.99 -2.49 0.05	45.79 -2.62 0.05	49.86 -3.13 0.05	52.92 -2.78 0.00	68.64 -3.31 0.00	60.33 -2.71 0.00	53.59 -2.35 0.00	49.83 -1.91 0.00	43.26 -1.85 0.00	39.52 -1.82 0.00	38.49 -1.69 0.00
GREENLWN_69_KV_BK 3 55738	45.55 2.37 0.00	41.92 2.07 0.00	41.70 1.91 0.00	40.60 1.90 0.00	40.37 2.00 0.00	46.96 2.78 0.00	62.04 2.21 0.00	70.90 2.33 0.00	56.69 1.33 0.00	51.06 2.29 0.00	47.01 2.58 0.00	46.33 2.95 0.00	45.74 3.23 0.00	47.47 2.94 0.00	51.02 2.57 0.00	55.63 2.60 0.00	58.65 2.95 0.00	76.26 4.32 0.00	66.82 3.78 0.00	58.90 2.96 0.00	54.43 2.69 0.00	48.45 3.34 0.00	44.97 3.64 0.00	43.47 3.29 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01
GRISSOM___SOLAR 323813	44.38 1.21 0.00	41.01 1.16 0.00	40.94 1.15 0.00	39.83 1.12 0.00	39.49 1.11 0.00	45.81 1.64 0.00	62.05 2.22 0.00	71.03 2.46 0.00	56.41 1.05 0.00	49.11 0.34 0.00	44.39 -0.04 0.00	43.13 -0.26 0.00	42.30 -0.21 0.00	44.71 0.18 0.00	49.38 0.92 0.00	54.62 1.59 0.00	57.15 1.45 0.00	74.39 2.45 0.00	65.30 2.27 0.00	58.01 2.07 0.00	53.65 1.92 0.00	46.69 1.58 0.00	42.91 1.57 0.00	41.50 1.32 0.00
GROVEVILLE___HYD 323602	45.46 2.29 0.00	41.92 2.07 0.00	41.86 2.07 0.00	40.72 2.01 0.00	40.41 2.03 0.00	46.65 2.47 0.00	63.30 3.47 0.00	72.27 3.70 0.00	58.24 2.88 0.00	51.50 2.73 0.00	46.97 2.53 0.00	45.90 2.52 0.00	45.23 2.72 0.00	47.47 2.94 0.00	51.61 3.15 0.00	56.32 3.29 0.00	59.15 3.45 0.00	76.55 4.60 0.00	67.01 3.97 0.00	59.52 3.58 0.00	55.20 3.47 0.00	48.13 3.02 0.00	44.11 2.77 0.00	42.75 2.57 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.44 -0.73 0.00	39.17 -0.68 0.00	39.03 -0.76 0.00	38.01 -0.70 0.00	37.69 -0.69 0.00	43.29 -0.88 0.00	58.69 -1.14 0.00	67.47 -1.10 0.00	54.64 -0.72 0.00	48.03 -0.73 0.00	43.68 -0.76 0.00	42.78 -0.61 0.00	41.92 -0.60 0.00	43.91 -0.62 0.00	47.78 -0.68 0.00	52.34 -0.69 0.00	55.09 -0.61 0.00	71.15 -0.79 0.00	62.28 -0.76 0.00	55.26 -0.67 0.00	51.07 -0.67 0.00	44.43 -0.68 0.00	40.72 -0.62 0.00	39.54 -0.64 0.00
HAMLTNNY_34_KV_TB 80303	42.44 -0.73 0.00	39.17 -0.68 0.00	38.99 -0.80 0.00	37.97 -0.74 0.00	37.65 -0.73 0.00	43.16 -1.02 0.00	58.57 -1.26 0.00	67.40 -1.17 0.00	54.53 -0.83 0.00	47.99 -0.78 0.00	43.64 -0.80 0.00	42.73 -0.65 0.00	41.83 -0.68 0.00	43.86 -0.67 0.00	47.68 -0.78 0.00	52.29 -0.74 0.00	55.03 -0.67 0.00	71.08 -0.86 0.00	62.28 -0.76 0.00	55.26 -0.67 0.00	50.96 -0.78 0.00	44.39 -0.72 0.00	40.63 -0.70 0.00	39.46 -0.72 0.00

HAMPSHIRE___PAPER_HYD 323593	43.99 0.82 0.00	40.69 0.84 0.00	40.62 0.84 0.00	39.32 0.62 0.00	39.15 0.77 0.00	44.97 0.80 0.00	60.97 1.13 0.00	69.80 1.24 0.00	55.91 0.55 0.00	48.91 0.15 0.00	44.44 0.00 0.00	43.21 -0.17 0.00	42.30 -0.21 0.00	44.31 -0.22 0.00	48.31 -0.14 0.00	52.77 -0.26 0.00	55.31 -0.39 0.00	71.30 -0.65 0.00	62.60 -0.44 0.00	55.66 -0.28 0.00	51.48 -0.26 0.00	45.02 -0.09 0.00	41.29 -0.04 0.00	40.18 0.00 0.00
HARDSCRABBLE_WT_PWR 323673	45.46 2.29 0.00	42.00 2.15 0.00	41.90 2.11 0.00	40.72 2.01 0.00	40.26 1.88 0.00	46.30 2.12 0.00	62.64 2.81 0.00	71.51 2.95 0.00	57.52 2.16 0.00	50.47 1.71 0.00	45.95 1.51 0.00	44.86 1.48 0.00	43.91 1.40 0.00	46.00 1.47 0.00	50.01 1.55 0.00	54.84 1.80 0.00	57.59 1.89 0.00	74.39 2.45 0.00	65.37 2.33 0.00	58.06 2.13 0.00	53.70 1.97 0.00	46.78 1.67 0.00	42.91 1.57 0.00	41.75 1.57 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.29 2.12 0.00	41.76 1.91 0.00	41.70 1.91 0.00	40.53 1.82 0.00	40.22 1.84 0.00	46.47 2.30 0.00	63.06 3.23 0.00	72.00 3.43 0.00	58.02 2.66 0.00	51.35 2.58 0.00	46.88 2.44 0.00	45.86 2.47 0.00	45.15 2.64 0.00	47.33 2.81 0.00	51.46 3.00 0.00	56.21 3.18 0.00	59.10 3.40 0.00	76.40 4.46 0.00	66.88 3.85 0.00	59.35 3.41 0.00	55.00 3.26 0.00	47.99 2.89 0.00	43.98 2.65 0.00	42.63 2.45 0.00
HARSNRAD_115KV_TB1 81005	40.20 -2.98 0.00	36.54 -3.31 0.00	36.37 -3.42 0.00	35.49 -3.21 0.00	35.00 -3.38 0.00	38.29 -5.88 0.01	51.20 -8.62 0.01	59.44 -9.12 0.01	48.59 -6.75 0.01	43.00 -5.75 0.01	39.19 -5.24 0.00	38.44 -4.95 0.00	37.31 -5.19 0.01	39.13 -5.39 0.01	42.24 -6.20 0.01	46.50 -6.52 0.01	49.35 -6.35 0.00	63.17 -8.78 0.00	55.66 -7.38 0.00	50.01 -5.93 0.00	45.94 -5.79 0.00	39.97 -5.14 0.00	36.58 -4.75 0.00	35.88 -4.30 0.00
HARZA MOOSE___RIVER 24016	43.95 0.78 0.00	40.69 0.84 0.00	40.54 0.76 0.00	39.25 0.54 0.00	39.07 0.69 0.00	44.93 0.75 0.00	60.85 1.02 0.00	69.73 1.17 0.00	55.80 0.44 0.00	48.86 0.10 0.00	44.35 -0.09 0.00	43.30 -0.09 0.00	42.43 -0.09 0.00	44.57 0.04 0.00	48.55 0.10 0.00	53.30 0.27 0.00	56.03 0.33 0.00	72.52 0.58 0.00	63.67 0.63 0.00	56.55 0.62 0.00	52.15 0.41 0.00	45.38 0.27 0.00	41.50 0.17 0.00	40.34 0.16 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.18 -0.99 0.00	38.89 -0.96 0.00	38.79 -0.99 0.00	37.74 -0.97 0.00	37.46 -0.92 0.00	42.94 -1.24 0.00	58.28 -1.56 0.00	66.92 -1.65 0.00	54.20 -1.16 0.00	47.69 -1.07 0.00	43.41 -1.02 0.00	42.47 -0.91 0.00	41.62 -0.89 0.00	43.64 -0.89 0.00	47.44 -1.02 0.00	52.03 -1.01 0.00	54.70 -1.00 0.00	70.65 -1.29 0.00	61.90 -1.13 0.00	54.93 -1.01 0.00	50.70 -1.03 0.00	44.16 -0.95 0.00	40.43 -0.91 0.00	39.30 -0.88 0.00
HELLGATE_13_KV_LD 55870	46.16 2.98 -0.01	42.57 2.71 -0.01	42.42 2.63 -0.01	41.22 2.52 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.78 3.95 0.00	72.54 3.98 0.00	58.79 3.43 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.77 3.34 -0.04	46.03 3.49 -0.03	48.13 3.56 -0.04	52.33 3.83 -0.04	56.90 3.87 0.00	59.71 4.01 0.00	76.84 4.89 0.00	67.20 4.16 0.00	59.91 3.97 0.00	55.67 3.93 0.00	48.76 3.65 0.00	44.82 3.47 -0.01	43.44 3.25 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.16 2.98 -0.01	42.57 2.71 -0.01	42.42 2.63 -0.01	41.22 2.52 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.78 3.95 0.00	72.54 3.98 0.00	58.79 3.43 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.77 3.34 -0.04	46.03 3.49 -0.03	48.13 3.56 -0.04	52.33 3.83 -0.04	56.90 3.87 0.00	59.71 4.01 0.00	76.84 4.89 0.00	67.20 4.16 0.00	59.91 3.97 0.00	55.67 3.93 0.00	48.76 3.65 0.00	44.82 3.47 -0.01	43.44 3.25 -0.01
HEMPSTEAD____ 23647	45.63 2.46 0.00	42.00 2.15 0.00	41.74 1.95 0.00	40.64 1.93 0.00	40.45 2.07 0.00	46.92 2.74 0.00	62.82 2.99 0.00	71.66 3.09 0.00	57.57 2.22 0.00	51.30 2.53 0.00	47.37 2.93 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.69 3.16 0.00	51.60 3.15 0.00	56.21 3.18 0.00	59.21 3.51 0.00	76.90 4.96 0.00	67.33 4.29 0.00	59.52 3.58 0.00	55.00 3.26 0.00	48.63 3.52 0.00	44.89 3.56 0.00	43.27 3.09 0.00
HICKLING___1 23621	41.71 -1.47 0.00	38.14 -1.71 0.00	37.88 -1.91 0.00	36.93 -1.78 0.00	36.42 -1.96 0.00	40.83 -3.31 0.04	55.59 -4.19 0.05	63.81 -4.73 0.02	51.61 -3.71 0.04	45.23 -3.51 0.02	41.19 -3.24 0.00	40.39 -2.99 0.00	39.33 -3.15 0.04	41.29 -3.21 0.04	44.98 -3.44 0.04	49.34 -3.66 0.04	52.25 -3.45 0.00	67.48 -4.46 0.00	59.32 -3.72 0.00	52.75 -3.19 0.00	48.48 -3.26 0.00	42.22 -2.89 0.00	38.65 -2.69 0.00	37.65 -2.53 0.00
HICKLING___2 23622	41.71 -1.47 0.00	38.14 -1.71 0.00	37.88 -1.91 0.00	36.93 -1.78 0.00	36.42 -1.96 0.00	40.83 -3.31 0.04	55.59 -4.19 0.05	63.81 -4.73 0.02	51.61 -3.71 0.04	45.23 -3.51 0.02	41.19 -3.24 0.00	40.39 -2.99 0.00	39.33 -3.15 0.04	41.29 -3.21 0.04	44.98 -3.44 0.04	49.34 -3.66 0.04	52.25 -3.45 0.00	67.48 -4.46 0.00	59.32 -3.72 0.00	52.75 -3.19 0.00	48.48 -3.26 0.00	42.22 -2.89 0.00	38.65 -2.69 0.00	37.65 -2.53 0.00
HIGH FALLS___HY 23754	45.68 2.50 0.00	42.04 2.19 0.00	42.02 2.23 0.00	40.84 2.13 0.00	40.53 2.15 0.00	46.78 2.61 0.00	63.54 3.71 0.00	72.48 3.91 0.00	58.35 2.99 0.00	51.55 2.78 0.00	46.92 2.49 0.00	45.86 2.47 0.00	45.23 2.72 0.00	47.42 2.89 0.00	51.56 3.10 0.00	56.37 3.34 0.00	59.43 3.73 0.00	76.91 4.96 0.00	67.39 4.35 0.00	59.85 3.92 0.00	55.46 3.73 0.00	48.36 3.25 0.00	44.27 2.93 0.00	42.87 2.69 0.00
HIGH_RIVER___SOLAR 323847	44.21 1.03 0.00	40.85 1.00 0.00	40.74 0.95 0.00	39.63 0.93 0.00	39.34 0.96 0.00	45.55 1.37 0.00	61.75 1.91 0.00	70.56 1.99 0.00	56.02 0.67 0.00	48.86 0.10 0.00	44.30 -0.13 0.00	43.13 -0.26 0.00	42.30 -0.21 0.00	44.48 -0.04 0.00	49.09 0.63 0.00	54.20 1.17 0.00	56.87 1.17 0.00	74.03 2.09 0.00	65.05 2.02 0.00	57.72 1.79 0.00	53.44 1.70 0.00	46.51 1.40 0.00	42.70 1.36 0.00	41.35 1.17 0.00
HILLBURN___GT 23639	45.25 2.07 0.00	41.68 1.83 0.00	41.62 1.83 0.00	40.49 1.78 0.00	40.18 1.80 0.00	46.38 2.21 0.00	63.00 3.17 0.00	71.99 3.43 0.00	58.07 2.71 0.00	51.45 2.68 0.00	47.06 2.62 0.00	45.99 2.60 0.00	45.24 2.72 0.00	47.38 2.85 0.00	51.46 3.01 0.00	56.21 3.18 0.00	59.04 3.34 0.00	76.33 4.39 0.00	66.82 3.78 0.00	59.29 3.36 0.00	55.00 3.26 0.00	48.04 2.93 0.00	44.02 2.69 0.00	42.63 2.45 0.00
HILLSIDE_115KV_TB1 80332	41.19 -1.99 0.00	37.62 -2.23 0.00	37.44 -2.35 0.00	36.46 -2.24 0.00	36.00 -2.38 0.00	40.39 -3.76 0.03	55.00 -4.79 0.05	63.13 -5.42 0.02	51.01 -4.32 0.03	44.70 -4.05 0.02	40.79 -3.64 0.00	39.96 -3.43 0.00	38.95 -3.53 0.03	40.80 -3.70 0.03	44.50 -3.93 0.03	48.81 -4.19 0.03	51.75 -3.95 0.00	66.76 -5.18 0.00	58.75 -4.29 0.00	52.24 -3.69 0.00	48.07 -3.67 0.00	41.86 -3.25 0.00	38.32 -3.02 0.00	37.33 -2.85 0.00

HISHELDN_WT_PWR 323625	40.63 -2.55 0.00	36.90 -2.95 0.00	36.80 -2.98 0.00	35.76 -2.94 0.00	35.12 -3.26 0.00	38.72 -5.44 0.02	51.97 -7.84 0.03	59.85 -8.71 0.01	48.69 -6.64 0.02	42.75 -6.00 0.01	38.97 -5.47 0.00	38.22 -5.16 0.00	37.09 -5.40 0.02	38.99 -5.52 0.02	42.28 -6.15 0.02	46.49 -6.53 0.02	49.30 -6.40 0.00	63.45 -8.49 0.00	55.85 -7.19 0.00	50.06 -5.87 0.00	46.10 -5.64 0.00	40.01 -5.10 0.00	36.54 -4.79 0.00	36.00 -4.18 0.00
HOLTSVILLE_IC_1 23690	45.76 2.59 0.00	42.12 2.27 0.00	41.86 2.07 0.00	40.80 2.09 0.00	40.60 2.23 0.00	47.27 3.09 0.00	62.64 2.81 0.00	71.51 2.95 0.00	57.24 1.88 0.00	51.11 2.34 0.00	47.41 2.98 0.00	46.55 3.17 0.00	45.74 3.23 0.00	47.60 3.07 0.00	51.51 3.05 0.00	56.05 3.02 0.00	59.15 3.45 0.00	77.05 5.11 0.00	67.51 4.48 0.00	59.46 3.53 0.00	54.89 3.16 0.00	48.90 3.79 0.00	45.39 4.05 0.00	43.72 3.54 0.00
HOLTSVILLE_IC_10 23699	45.98 2.80 0.00	42.32 2.47 0.00	42.05 2.27 0.00	40.99 2.28 0.00	40.80 2.42 0.00	47.49 3.31 0.00	63.00 3.17 0.00	71.93 3.36 0.00	57.57 2.22 0.00	51.35 2.58 0.00	47.64 3.20 0.00	46.81 3.43 0.00	46.00 3.49 0.00	47.87 3.34 0.00	51.80 3.34 0.00	56.43 3.40 0.00	59.54 3.84 0.00	77.63 5.68 0.00	68.02 4.98 0.00	59.91 3.97 0.00	55.21 3.47 0.00	49.17 4.06 0.00	45.63 4.30 0.00	43.92 3.74 0.00
HOLTSVILLE_IC_2 23691	45.76 2.59 0.00	42.12 2.27 0.00	41.86 2.07 0.00	40.80 2.09 0.00	40.60 2.23 0.00	47.27 3.09 0.00	62.64 2.81 0.00	71.51 2.95 0.00	57.24 1.88 0.00	51.11 2.34 0.00	47.41 2.98 0.00	46.55 3.17 0.00	45.74 3.23 0.00	47.60 3.07 0.00	51.51 3.05 0.00	56.05 3.02 0.00	59.15 3.45 0.00	77.05 5.11 0.00	67.51 4.48 0.00	59.46 3.53 0.00	54.89 3.16 0.00	48.90 3.79 0.00	45.39 4.05 0.00	43.72 3.54 0.00
HOLTSVILLE_IC_3 23692	45.76 2.59 0.00	42.12 2.27 0.00	41.86 2.07 0.00	40.80 2.09 0.00	40.60 2.23 0.00	47.27 3.09 0.00	62.64 2.81 0.00	71.51 2.95 0.00	57.24 1.88 0.00	51.11 2.34 0.00	47.41 2.98 0.00	46.55 3.17 0.00	45.74 3.23 0.00	47.60 3.07 0.00	51.51 3.05 0.00	56.05 3.02 0.00	59.15 3.45 0.00	77.05 5.11 0.00	67.51 4.48 0.00	59.46 3.53 0.00	54.89 3.16 0.00	48.90 3.79 0.00	45.39 4.05 0.00	43.72 3.54 0.00
HOLTSVILLE_IC_4 23693	45.76 2.59 0.00	42.12 2.27 0.00	41.86 2.07 0.00	40.80 2.09 0.00	40.60 2.23 0.00	47.27 3.09 0.00	62.64 2.81 0.00	71.51 2.95 0.00	57.24 1.88 0.00	51.11 2.34 0.00	47.41 2.98 0.00	46.55 3.17 0.00	45.74 3.23 0.00	47.60 3.07 0.00	51.51 3.05 0.00	56.05 3.02 0.00	59.15 3.45 0.00	77.05 5.11 0.00	67.51 4.48 0.00	59.46 3.53 0.00	54.89 3.16 0.00	48.90 3.79 0.00	45.39 4.05 0.00	43.72 3.54 0.00
HOLTSVILLE_IC_5 23694	45.76 2.59 0.00	42.12 2.27 0.00	41.86 2.07 0.00	40.80 2.09 0.00	40.60 2.23 0.00	47.27 3.09 0.00	62.64 2.81 0.00	71.51 2.95 0.00	57.24 1.88 0.00	51.11 2.34 0.00	47.41 2.98 0.00	46.55 3.17 0.00	45.74 3.23 0.00	47.60 3.07 0.00	51.51 3.05 0.00	56.05 3.02 0.00	59.15 3.45 0.00	77.05 5.11 0.00	67.51 4.48 0.00	59.46 3.53 0.00	54.89 3.16 0.00	48.90 3.79 0.00	45.39 4.05 0.00	43.72 3.54 0.00
HOLTSVILLE_IC_6 23695	45.98 2.80 0.00	42.32 2.47 0.00	42.05 2.27 0.00	40.99 2.28 0.00	40.80 2.42 0.00	47.49 3.31 0.00	63.00 3.17 0.00	71.93 3.36 0.00	57.57 2.22 0.00	51.35 2.58 0.00	47.64 3.20 0.00	46.81 3.43 0.00	46.00 3.49 0.00	47.87 3.34 0.00	51.80 3.34 0.00	56.43 3.40 0.00	59.54 3.84 0.00	77.63 5.68 0.00	68.02 4.98 0.00	59.91 3.97 0.00	55.21 3.47 0.00	49.17 4.06 0.00	45.63 4.30 0.00	43.92 3.74 0.00
HOLTSVILLE_IC_7 23696	45.98 2.80 0.00	42.32 2.47 0.00	42.05 2.27 0.00	40.99 2.28 0.00	40.80 2.42 0.00	47.49 3.31 0.00	63.00 3.17 0.00	71.93 3.36 0.00	57.57 2.22 0.00	51.35 2.58 0.00	47.64 3.20 0.00	46.81 3.43 0.00	46.00 3.49 0.00	47.87 3.34 0.00	51.80 3.34 0.00	56.43 3.40 0.00	59.54 3.84 0.00	77.63 5.68 0.00	68.02 4.98 0.00	59.91 3.97 0.00	55.21 3.47 0.00	49.17 4.06 0.00	45.63 4.30 0.00	43.92 3.74 0.00
HOLTSVILLE_IC_8 23697	45.98 2.80 0.00	42.32 2.47 0.00	42.05 2.27 0.00	40.99 2.28 0.00	40.80 2.42 0.00	47.49 3.31 0.00	63.00 3.17 0.00	71.93 3.36 0.00	57.57 2.22 0.00	51.35 2.58 0.00	47.64 3.20 0.00	46.81 3.43 0.00	46.00 3.49 0.00	47.87 3.34 0.00	51.80 3.34 0.00	56.43 3.40 0.00	59.54 3.84 0.00	77.63 5.68 0.00	68.02 4.98 0.00	59.91 3.97 0.00	55.21 3.47 0.00	49.17 4.06 0.00	45.63 4.30 0.00	43.92 3.74 0.00
HOLTSVILLE_IC_9 23698	45.98 2.80 0.00	42.32 2.47 0.00	42.05 2.27 0.00	40.99 2.28 0.00	40.80 2.42 0.00	47.49 3.31 0.00	63.00 3.17 0.00	71.93 3.36 0.00	57.57 2.22 0.00	51.35 2.58 0.00	47.64 3.20 0.00	46.81 3.43 0.00	46.00 3.49 0.00	47.87 3.34 0.00	51.80 3.34 0.00	56.43 3.40 0.00	59.54 3.84 0.00	77.63 5.68 0.00	68.02 4.98 0.00	59.91 3.97 0.00	55.21 3.47 0.00	49.17 4.06 0.00	45.63 4.30 0.00	43.92 3.74 0.00
HOMER_HL_115KV_TB2 355744	40.67 -2.50 0.00	36.98 -2.87 0.00	36.80 -2.98 0.00	35.84 -2.86 0.00	35.23 -3.15 0.00	39.34 -4.82 0.02	53.82 -5.98 0.02	61.22 -7.34 0.01	49.69 -5.65 0.02	43.39 -5.36 0.01	39.68 -4.75 0.00	38.87 -4.51 0.00	37.86 -4.63 0.02	39.75 -4.76 0.02	43.54 -4.89 0.02	47.45 -5.57 0.02	50.46 -5.24 0.00	64.82 -7.12 0.00	57.11 -5.93 0.00	51.24 -4.70 0.00	46.98 -4.76 0.00	40.82 -4.29 0.00	37.37 -3.97 0.00	36.44 -3.74 0.00
HOWARD_WT_PWR 323690	41.58 -1.60 0.00	37.86 -1.99 0.00	37.60 -2.19 0.00	36.50 -2.20 0.00	35.96 -2.42 0.00	39.99 -4.15 0.04	53.98 -5.80 0.05	61.83 -6.72 0.02	49.95 -5.37 0.04	43.57 -5.17 0.02	39.50 -4.93 0.00	38.70 -4.69 0.00	37.63 -4.85 0.04	39.64 -4.85 0.04	43.24 -5.18 0.04	47.48 -5.52 0.04	50.24 -5.46 0.00	65.18 -6.77 0.00	57.49 -5.55 0.00	51.24 -4.70 0.00	47.29 -4.45 0.00	41.09 -4.01 0.00	37.57 -3.76 0.00	36.72 -3.46 0.00
HQ_GEN_CEDARS 23644	44.34 1.17 0.00	40.89 1.04 0.00	40.86 1.07 0.00	39.71 1.01 0.00	39.41 1.04 0.00	45.46 1.28 0.00	61.63 1.79 0.00	70.49 1.92 0.00	56.80 1.44 0.00	49.89 1.12 0.00	45.50 1.07 0.00	44.17 0.78 0.00	43.15 0.64 0.00	45.15 0.62 0.00	49.18 0.73 0.00	53.72 0.69 0.00	56.26 0.56 0.00	72.30 0.36 0.00	63.35 0.32 0.00	56.22 0.28 0.00	52.05 0.31 0.00	45.47 0.36 0.00	41.71 0.37 0.00	40.62 0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	44.34 1.17 0.00	40.88 1.03 0.00	40.86 1.07 0.00	39.71 1.00 0.00	39.41 1.04 0.00	45.46 1.28 0.00	61.62 1.79 0.00	70.56 1.99 0.00	56.80 1.44 0.00	49.93 1.17 0.00	45.50 1.06 0.00	44.17 0.78 0.00	43.19 0.68 0.00	45.15 0.62 0.00	49.18 0.73 0.00	51.97 0.69 1.75	58.00 0.56 -1.75	72.31 0.36 0.00	63.35 0.32 0.00	56.22 0.28 0.00	52.05 0.31 0.00	45.47 0.36 0.00	41.71 0.37 0.00	40.62 0.44 0.00

HQ_GEN_IMPORT 323601	43.48 0.30 0.00	40.13 0.28 0.00	40.07 0.28 0.00	38.98 0.27 0.00	38.65 0.27 0.00	44.53 0.35 0.00	60.31 0.48 0.00	69.11 0.55 0.00	55.75 0.39 0.00	49.06 0.29 0.00	44.70 0.27 0.00	43.56 0.17 0.00	42.64 0.13 0.00	44.62 0.09 0.00	48.55 0.10 0.00	51.34 0.05 1.75	57.50 0.06 -1.75	71.87 -0.07 0.00	62.97 -0.06 0.00	55.82 -0.11 0.00	51.64 -0.10 0.00	45.06 -0.05 0.00	41.29 -0.04 0.00	40.18 0.00 0.00
HQ_GEN_WHEEL 23651	43.48 0.30 0.00	40.13 0.28 0.00	40.07 0.28 0.00	38.98 0.27 0.00	38.65 0.27 0.00	44.53 0.35 0.00	60.31 0.48 0.00	69.11 0.55 0.00	55.75 0.39 0.00	49.06 0.29 0.00	44.70 0.27 0.00	43.56 0.17 0.00	42.64 0.13 0.00	44.62 0.09 0.00	48.55 0.10 0.00	51.34 0.05 1.75	57.50 0.06 -1.75	71.87 -0.07 0.00	62.97 -0.06 0.00	55.82 -0.11 0.00	51.64 -0.10 0.00	45.06 -0.05 0.00	41.29 -0.04 0.00	40.18 0.00 0.00
HUDSON AVE_GT_3 23810	45.73 2.55 -0.01	42.21 2.35 -0.01	42.06 2.27 0.00	40.87 2.17 0.00	40.60 2.23 0.00	46.92 2.74 -0.01	63.60 3.77 0.00	72.68 4.11 0.00	58.79 3.43 0.00	52.20 3.41 -0.02	47.70 3.24 -0.02	46.72 3.30 -0.04	45.90 3.36 -0.03	48.04 3.47 -0.04	52.17 3.68 -0.04	56.85 3.82 0.00	59.65 3.95 0.00	76.98 5.04 0.00	67.32 4.29 0.00	59.85 3.92 0.00	55.57 3.83 0.00	48.49 3.38 0.00	44.53 3.18 -0.01	43.16 2.97 -0.01
HUDSON AVE_GT_4 23540	45.73 2.55 -0.01	42.21 2.35 -0.01	42.06 2.27 0.00	40.87 2.17 0.00	40.60 2.23 0.00	46.92 2.74 -0.01	63.60 3.77 0.00	72.68 4.11 0.00	58.79 3.43 0.00	52.20 3.41 -0.02	47.70 3.24 -0.02	46.72 3.30 -0.04	45.90 3.36 -0.03	48.04 3.47 -0.04	52.17 3.68 -0.04	56.85 3.82 0.00	59.65 3.95 0.00	76.98 5.04 0.00	67.32 4.29 0.00	59.85 3.92 0.00	55.57 3.83 0.00	48.49 3.38 0.00	44.53 3.18 -0.01	43.16 2.97 -0.01
HUDSON AVE_GT_5 23657	45.73 2.55 -0.01	42.21 2.35 -0.01	42.06 2.27 0.00	40.87 2.17 0.00	40.60 2.23 0.00	46.92 2.74 -0.01	63.60 3.77 0.00	72.68 4.11 0.00	58.79 3.43 0.00	52.20 3.41 -0.02	47.70 3.24 -0.02	46.72 3.30 -0.04	45.90 3.36 -0.03	48.04 3.47 -0.04	52.17 3.68 -0.04	56.85 3.82 0.00	59.65 3.95 0.00	76.98 5.04 0.00	67.32 4.29 0.00	59.85 3.92 0.00	55.57 3.83 0.00	48.49 3.38 0.00	44.53 3.18 -0.01	43.16 2.97 -0.01
HUDSON_AVE_10 24168	45.64 2.46 -0.01	42.09 2.23 -0.01	41.98 2.19 0.00	40.80 2.09 0.00	40.49 2.11 0.00	46.83 2.65 -0.01	63.54 3.71 0.00	72.68 4.11 0.00	58.74 3.38 0.00	52.20 3.41 -0.02	47.70 3.24 -0.02	46.72 3.30 -0.03	45.86 3.32 -0.03	48.04 3.47 -0.03	52.17 3.68 -0.03	56.80 3.77 0.00	59.60 3.90 0.00	76.98 5.04 0.00	67.32 4.29 0.00	59.85 3.92 0.00	55.57 3.83 0.00	48.49 3.38 0.00	44.44 3.10 -0.01	43.08 2.89 -0.01
HUDSON___115KV_TB 4 355613	44.38 1.21 0.00	41.01 1.16 0.00	40.98 1.19 0.00	39.95 1.24 0.00	39.64 1.27 0.00	45.77 1.59 0.00	62.10 2.27 0.00	71.04 2.47 0.00	56.96 1.61 0.00	49.99 1.22 0.00	45.37 0.93 0.00	44.25 0.87 0.00	43.53 1.02 0.00	45.64 1.11 0.00	49.81 1.36 0.00	54.68 1.64 0.00	57.48 1.78 0.00	74.75 2.81 0.00	65.56 2.52 0.00	58.17 2.24 0.00	53.91 2.17 0.00	47.00 1.89 0.00	42.99 1.65 0.00	41.75 1.57 0.00
HUNTER MOUNT___DRP 323613	44.51 1.34 0.00	41.08 1.24 0.00	41.10 1.31 0.00	40.06 1.35 0.00	39.76 1.38 0.00	45.90 1.72 0.00	62.28 2.45 0.00	71.17 2.61 0.00	57.02 1.66 0.00	49.94 1.17 0.00	45.28 0.84 0.00	44.17 0.78 0.00	43.45 0.94 0.00	45.60 1.07 0.00	49.81 1.36 0.00	54.73 1.70 0.00	57.59 1.89 0.00	74.89 2.95 0.00	65.75 2.71 0.00	58.34 2.41 0.00	54.01 2.28 0.00	47.05 1.94 0.00	43.03 1.69 0.00	41.79 1.61 0.00
HUNTINGTON_RES_REC 323705	45.72 2.55 0.00	42.08 2.23 0.00	41.82 2.03 0.00	40.72 2.01 0.00	40.53 2.15 0.00	47.14 2.96 0.00	62.40 2.57 0.00	71.24 2.67 0.00	57.02 1.66 0.00	51.01 2.24 0.00	47.28 2.85 0.00	46.51 3.13 0.00	45.70 3.19 0.00	47.51 2.98 0.00	51.31 2.86 0.00	55.95 2.91 0.00	59.04 3.34 0.00	76.90 4.96 0.00	67.33 4.29 0.00	59.35 3.41 0.00	54.74 3.00 0.00	48.81 3.70 0.00	45.34 4.01 0.00	43.64 3.46 0.00
HUNTLEY___63 23557	40.02 -3.15 0.00	36.30 -3.55 0.00	36.13 -3.66 0.00	35.26 -3.44 0.00	34.73 -3.65 0.00	38.15 -6.01 0.02	50.97 -8.86 0.01	59.16 -9.39 0.01	48.37 -6.98 0.02	42.80 -5.95 0.01	39.01 -5.42 0.01	38.26 -5.12 0.01	37.14 -5.36 0.02	38.95 -5.57 0.02	42.04 -6.40 0.02	46.28 -6.74 0.02	49.12 -6.57 0.01	62.80 -9.14 0.01	55.34 -7.69 0.01	50.17 -5.76 0.00	46.10 -5.64 0.00	40.06 -5.05 0.00	36.67 -4.67 0.00	36.00 -4.18 0.00
HUNTLEY___64 23558	40.02 -3.15 0.00	36.30 -3.55 0.00	36.13 -3.66 0.00	35.26 -3.44 0.00	34.73 -3.65 0.00	38.15 -6.01 0.02	50.97 -8.86 0.01	59.16 -9.39 0.01	48.37 -6.98 0.02	42.80 -5.95 0.01	39.01 -5.42 0.01	38.26 -5.12 0.01	37.14 -5.36 0.02	38.95 -5.57 0.02	42.04 -6.40 0.02	46.28 -6.74 0.02	49.12 -6.57 0.01	62.80 -9.14 0.01	55.34 -7.69 0.01	50.17 -5.76 0.00	46.10 -5.64 0.00	40.06 -5.05 0.00	36.67 -4.67 0.00	36.00 -4.18 0.00
HUNTLEY___65 23559	40.02 -3.15 0.00	36.30 -3.55 0.00	36.13 -3.66 0.00	35.26 -3.44 0.00	34.73 -3.65 0.00	38.15 -6.01 0.02	50.97 -8.86 0.01	59.16 -9.39 0.01	48.37 -6.98 0.02	42.80 -5.95 0.01	39.01 -5.42 0.01	38.26 -5.12 0.01	37.14 -5.36 0.02	38.95 -5.57 0.02	42.04 -6.40 0.02	46.28 -6.74 0.02	49.12 -6.57 0.01	62.80 -9.14 0.01	55.34 -7.69 0.01	50.17 -5.76 0.00	46.10 -5.64 0.00	40.06 -5.05 0.00	36.67 -4.67 0.00	36.00 -4.18 0.00
HUNTLEY___66 23560	40.02 -3.15 0.00	36.30 -3.55 0.00	36.13 -3.66 0.00	35.26 -3.44 0.00	34.73 -3.65 0.00	38.15 -6.01 0.02	50.97 -8.86 0.01	59.16 -9.39 0.01	48.37 -6.98 0.02	42.80 -5.95 0.01	39.01 -5.42 0.01	38.26 -5.12 0.01	37.14 -5.36 0.02	38.95 -5.57 0.02	42.04 -6.40 0.02	46.28 -6.74 0.02	49.12 -6.57 0.01	62.80 -9.14 0.01	55.34 -7.69 0.01	50.17 -5.76 0.00	46.10 -5.64 0.00	40.06 -5.05 0.00	36.67 -4.67 0.00	36.00 -4.18 0.00
HUNTLEY___67 23561	40.20 -2.98 0.00	36.50 -3.35 0.00	36.33 -3.46 0.00	35.46 -3.25 0.00	34.92 -3.45 0.00	38.47 -5.70 0.01	51.50 -8.32 0.02	59.65 -8.91 0.01	48.76 -6.59 0.01	43.10 -5.66 0.01	39.33 -5.11 0.00	38.57 -4.82 0.00	37.44 -5.06 0.01	39.26 -5.25 0.01	42.44 -6.01 0.01	46.71 -6.31 0.01	49.57 -6.13 0.00	63.38 -8.56 0.00	55.85 -7.19 0.00	50.12 -5.82 0.00	46.10 -5.64 0.00	40.10 -5.01 0.00	36.71 -4.63 0.00	36.00 -4.18 0.00
HUNTLEY___68 23562	40.20 -2.98 0.00	36.50 -3.35 0.00	36.33 -3.46 0.00	35.46 -3.25 0.00	34.92 -3.45 0.00	38.47 -5.70 0.01	51.50 -8.32 0.02	59.65 -8.91 0.01	48.76 -6.59 0.01	43.10 -5.66 0.01	39.33 -5.11 0.00	38.57 -4.82 0.00	37.44 -5.06 0.01	39.26 -5.25 0.01	42.44 -6.01 0.01	46.71 -6.31 0.01	49.57 -6.13 0.00	63.38 -8.56 0.00	55.85 -7.19 0.00	50.12 -5.82 0.00	46.10 -5.64 0.00	40.10 -5.01 0.00	36.71 -4.63 0.00	36.00 -4.18 0.00

HYLAND___LFGE 323620	43.17 0.00 0.00	39.49 -0.36 0.00	39.31 -0.48 0.00	38.24 -0.46 0.00	37.76 -0.62 0.00	42.43 -1.72 0.02	57.71 -2.10 0.03	66.77 -1.78 0.01	53.56 -1.77 0.02	46.36 -2.39 0.01	41.68 -2.76 0.00	40.70 -2.69 0.00	39.60 -2.89 0.02	41.61 -2.89 0.02	45.29 -3.15 0.02	50.20 -2.81 0.02	53.64 -2.06 0.00	70.00 -1.94 0.00	62.15 -0.88 0.00	55.38 -0.56 0.00	50.81 -0.93 0.00	43.98 -1.13 0.00	39.97 -1.36 0.00	38.93 -1.25 0.00
INDECK___CORINTH 23802	44.08 0.91 0.00	40.77 0.92 0.00	40.66 0.87 0.00	39.60 0.89 0.00	39.26 0.88 0.00	45.59 1.41 0.00	61.62 1.79 0.00	70.83 2.26 0.00	56.85 1.50 0.00	49.99 1.22 0.00	45.41 0.98 0.00	44.25 0.87 0.00	43.36 0.85 0.00	45.37 0.84 0.00	49.62 1.16 0.00	54.36 1.33 0.00	56.81 1.11 0.00	73.81 1.87 0.00	64.74 1.70 0.00	57.45 1.51 0.00	53.39 1.66 0.00	46.59 1.49 0.00	42.70 1.36 0.00	41.38 1.20 0.00
INDECK___ILION 23567	44.47 1.30 0.00	41.05 1.20 0.00	40.98 1.19 0.00	39.83 1.12 0.00	39.41 1.04 0.00	45.37 1.19 0.00	61.45 1.62 0.00	70.28 1.71 0.00	56.58 1.22 0.00	49.79 1.02 0.00	45.32 0.89 0.00	44.30 0.91 0.00	43.36 0.85 0.00	45.46 0.94 0.00	49.43 0.97 0.00	54.20 1.17 0.00	56.93 1.23 0.00	73.53 1.58 0.00	64.49 1.45 0.00	57.28 1.34 0.00	52.98 1.24 0.00	46.14 1.04 0.00	42.29 0.95 0.00	41.14 0.96 0.00
INDECK___OLEAN 23982	40.72 -2.46 0.00	36.98 -2.87 0.00	36.89 -2.90 0.00	35.84 -2.86 0.00	35.27 -3.11 0.00	39.30 -4.86 0.02	53.77 -6.04 0.02	61.15 -7.41 0.01	49.69 -5.65 0.02	43.39 -5.36 0.01	39.72 -4.71 0.00	38.87 -4.51 0.00	37.73 -4.76 0.02	39.66 -4.85 0.02	43.55 -4.89 0.02	47.45 -5.57 0.02	50.52 -5.18 0.00	64.82 -7.12 0.00	57.11 -5.93 0.00	51.24 -4.70 0.00	47.03 -4.71 0.00	40.78 -4.33 0.00	37.29 -4.05 0.00	36.48 -3.70 0.00
INDECK___OSWEGO 23783	41.75 -1.42 0.00	38.54 -1.31 0.00	38.44 -1.35 0.00	37.39 -1.32 0.00	37.07 -1.30 0.00	42.54 -1.63 0.00	57.62 -2.21 0.00	66.24 -2.33 0.00	53.58 -1.77 0.00	47.11 -1.66 0.00	42.88 -1.56 0.00	41.95 -1.43 0.00	41.07 -1.45 0.00	43.06 -1.47 0.00	46.81 -1.65 0.00	51.28 -1.75 0.00	53.97 -1.73 0.00	69.71 -2.23 0.00	61.15 -1.89 0.00	54.31 -1.62 0.00	50.13 -1.60 0.00	43.66 -1.45 0.00	40.01 -1.32 0.00	38.89 -1.29 0.00
INDECK___YERKES 23781	40.11 -3.06 0.00	36.34 -3.51 0.00	36.33 -3.46 0.00	35.30 -3.41 0.00	34.77 -3.61 0.00	38.24 -5.92 0.02	51.03 -8.79 0.01	59.09 -9.46 0.01	48.47 -6.87 0.02	42.80 -5.95 0.01	39.05 -5.38 0.01	38.30 -5.08 0.01	37.14 -5.36 0.02	39.03 -5.48 0.02	42.09 -6.35 0.02	46.38 -6.63 0.02	49.23 -6.46 0.01	62.87 -9.07 0.01	55.34 -7.69 0.01	50.23 -5.71 0.00	46.15 -5.59 0.00	40.10 -5.01 0.00	36.54 -4.79 0.00	36.08 -4.10 0.00
INDIAN POINT_GT_1 24139	45.20 2.03 0.00	41.64 1.79 0.00	41.58 1.79 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.39 2.21 0.00	62.88 3.05 0.00	71.86 3.29 0.00	58.02 2.66 0.00	51.45 2.68 0.00	46.97 2.53 0.00	45.95 2.56 0.00	45.19 2.68 0.00	47.29 2.76 0.00	51.41 2.96 0.00	56.11 3.08 0.00	58.87 3.17 0.00	76.12 4.17 0.00	66.63 3.59 0.00	59.18 3.24 0.00	54.84 3.10 0.00	47.90 2.80 0.00	43.90 2.56 0.00	42.59 2.41 0.00
INDIAN POINT_GT_2 23659	45.20 2.03 0.00	41.64 1.79 0.00	41.58 1.79 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.39 2.21 0.00	62.88 3.05 0.00	71.86 3.29 0.00	58.02 2.66 0.00	51.45 2.68 0.00	46.97 2.53 0.00	45.95 2.56 0.00	45.19 2.68 0.00	47.29 2.76 0.00	51.41 2.96 0.00	56.11 3.08 0.00	58.87 3.17 0.00	76.12 4.17 0.00	66.63 3.59 0.00	59.18 3.24 0.00	54.84 3.10 0.00	47.90 2.80 0.00	43.90 2.56 0.00	42.59 2.41 0.00
INDIAN POINT_GT_3 24019	45.20 2.03 0.00	41.64 1.79 0.00	41.58 1.79 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.39 2.21 0.00	62.88 3.05 0.00	71.86 3.29 0.00	58.02 2.66 0.00	51.45 2.68 0.00	46.97 2.53 0.00	45.95 2.56 0.00	45.19 2.68 0.00	47.29 2.76 0.00	51.41 2.96 0.00	56.11 3.08 0.00	58.87 3.17 0.00	76.12 4.17 0.00	66.63 3.59 0.00	59.18 3.24 0.00	54.84 3.10 0.00	47.90 2.80 0.00	43.90 2.56 0.00	42.59 2.41 0.00
INDIAN POINT___2 23530	45.16 1.99 0.00	41.56 1.71 0.00	41.54 1.75 0.00	40.41 1.70 0.00	40.11 1.73 0.00	46.30 2.12 0.00	62.82 2.99 0.00	71.79 3.22 0.00	57.91 2.55 0.00	51.35 2.58 0.00	46.92 2.49 0.00	45.90 2.52 0.00	45.11 2.59 0.00	47.25 2.72 0.00	51.32 2.86 0.00	56.00 2.97 0.00	58.82 3.12 0.00	76.04 4.10 0.00	66.57 3.53 0.00	59.12 3.19 0.00	54.79 3.05 0.00	47.90 2.80 0.00	43.90 2.56 0.00	42.55 2.37 0.00
INDIAN POINT___3 23531	45.20 2.03 0.00	41.68 1.83 0.00	41.58 1.79 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.39 2.21 0.00	62.88 3.05 0.00	71.86 3.29 0.00	58.02 2.66 0.00	51.45 2.68 0.00	47.01 2.58 0.00	45.99 2.60 0.00	45.19 2.68 0.00	47.34 2.81 0.00	51.41 2.96 0.00	56.11 3.08 0.00	58.87 3.17 0.00	76.12 4.17 0.00	66.63 3.59 0.00	59.18 3.24 0.00	54.89 3.16 0.00	47.95 2.84 0.00	43.94 2.60 0.00	42.59 2.41 0.00
INGHAM_C_115KV_TB7 356103	46.02 2.85 0.00	42.52 2.67 0.00	42.41 2.63 0.00	41.22 2.52 0.00	40.72 2.34 0.00	46.83 2.65 0.00	63.36 3.53 0.00	72.34 3.77 0.00	58.18 2.82 0.00	51.11 2.34 0.00	46.57 2.13 0.00	45.47 2.08 0.00	44.51 2.00 0.00	46.62 2.09 0.00	50.69 2.23 0.00	55.58 2.55 0.00	58.32 2.62 0.00	75.40 3.45 0.00	66.19 3.15 0.00	58.84 2.91 0.00	54.38 2.64 0.00	47.36 2.26 0.00	43.49 2.15 0.00	42.27 2.09 0.00
IP CORINTH___1 23988	44.30 1.12 0.00	40.97 1.12 0.00	40.90 1.11 0.00	39.83 1.12 0.00	39.49 1.11 0.00	45.81 1.63 0.00	61.99 2.15 0.00	71.17 2.61 0.00	57.13 1.77 0.00	50.28 1.51 0.00	45.64 1.20 0.00	44.47 1.08 0.00	43.58 1.06 0.00	45.64 1.11 0.00	49.91 1.45 0.00	54.68 1.64 0.00	57.09 1.39 0.00	74.25 2.30 0.00	65.12 2.08 0.00	57.78 1.85 0.00	53.65 1.91 0.00	46.87 1.76 0.00	42.91 1.57 0.00	41.59 1.41 0.00
IP___TICONDEROGA 23804	46.20 3.02 0.00	42.72 2.87 0.00	42.61 2.82 0.00	41.49 2.79 0.00	41.14 2.76 0.00	47.84 3.67 0.00	64.80 4.97 0.00	74.60 6.03 0.00	59.45 4.10 0.00	52.13 3.36 0.00	47.15 2.71 0.00	45.86 2.47 0.00	44.94 2.42 0.00	47.07 2.54 0.00	51.51 3.05 0.00	56.59 3.55 0.00	59.15 3.45 0.00	77.34 5.40 0.00	68.02 4.98 0.00	60.35 4.42 0.00	56.03 4.29 0.00	48.85 3.74 0.00	44.68 3.35 0.00	43.19 3.01 0.00
ISLIP_RES_REC 323679	46.20 3.02 0.00	42.52 2.67 0.00	42.22 2.43 0.00	41.15 2.44 0.00	40.99 2.61 0.00	47.71 3.54 0.00	63.36 3.53 0.00	72.34 3.77 0.00	57.85 2.49 0.00	51.59 2.83 0.00	47.90 3.47 0.00	47.03 3.64 0.00	46.21 3.70 0.00	48.09 3.56 0.00	52.09 3.64 0.00	56.74 3.71 0.00	59.93 4.23 0.00	78.06 6.11 0.00	68.39 5.36 0.00	60.24 4.31 0.00	55.47 3.73 0.00	49.39 4.29 0.00	45.80 4.47 0.00	44.08 3.90 0.00

JAMAICA__27_KV_LOAD 355505	45.77 2.59 -0.01	42.21 2.35 -0.01	42.14 2.35 0.00	40.91 2.21 0.00	40.64 2.26 0.00	47.01 2.83 -0.01	63.96 4.13 0.00	73.23 4.66 0.00	59.23 3.88 0.00	52.64 3.85 -0.02	48.05 3.60 -0.02	47.06 3.64 -0.03	46.20 3.66 -0.03	48.39 3.83 -0.03	52.61 4.12 -0.03	57.22 4.19 0.00	60.10 4.40 0.00	77.63 5.68 0.00	67.95 4.92 0.00	60.35 4.42 0.00	56.03 4.29 0.00	48.85 3.74 0.00	44.73 3.39 -0.01	43.28 3.09 -0.01
JANIS__SOLAR 323808	44.34 1.17 0.00	41.01 1.16 0.00	40.78 1.00 0.00	39.48 0.77 0.00	39.22 0.84 0.00	45.00 0.80 -0.02	61.18 1.31 -0.03	70.09 1.51 -0.02	56.38 1.00 -0.02	49.03 0.25 -0.02	44.13 -0.31 0.00	43.13 -0.26 0.00	42.28 -0.25 -0.02	44.55 0.00 -0.02	48.63 0.15 -0.02	53.59 0.53 -0.02	56.76 1.06 0.00	73.81 1.87 0.00	64.80 1.76 0.00	57.56 1.62 0.00	53.08 1.34 0.00	45.92 0.81 0.00	42.00 0.66 0.00	40.82 0.64 0.00
JARVIS____ 23743	43.30 0.13 0.00	39.97 0.12 0.00	39.91 0.12 0.00	38.82 0.12 0.00	38.45 0.08 0.00	44.31 0.13 0.00	59.95 0.12 0.00	68.71 0.14 0.00	55.47 0.11 0.00	48.82 0.05 0.00	44.48 0.04 0.00	43.47 0.09 0.00	42.60 0.09 0.00	44.66 0.13 0.00	48.60 0.15 0.00	53.19 0.16 0.00	55.87 0.17 0.00	72.23 0.29 0.00	63.29 0.25 0.00	56.22 0.28 0.00	51.95 0.21 0.00	45.29 0.18 0.00	41.50 0.17 0.00	40.34 0.16 0.00
JENNISON____1 23625	44.64 1.47 0.00	41.24 1.39 0.00	41.06 1.27 0.00	39.75 1.05 0.00	39.45 1.07 0.00	45.20 1.02 -0.01	61.34 1.50 -0.01	70.29 1.71 0.00	56.64 1.27 -0.01	49.50 0.73 0.00	44.79 0.36 0.00	43.78 0.39 0.00	42.94 0.43 -0.01	45.20 0.67 -0.01	49.34 0.87 -0.01	54.26 1.22 -0.01	57.20 1.50 0.00	74.61 2.66 0.00	65.37 2.33 0.00	58.06 2.13 0.00	53.55 1.81 0.00	46.05 0.95 0.00	42.16 0.83 0.00	41.02 0.84 0.00
JENNISON____2 23626	44.64 1.47 0.00	41.24 1.39 0.00	41.06 1.27 0.00	39.75 1.05 0.00	39.45 1.07 0.00	45.20 1.02 -0.01	61.34 1.50 -0.01	70.29 1.71 0.00	56.64 1.27 -0.01	49.50 0.73 0.00	44.79 0.36 0.00	43.78 0.39 0.00	42.94 0.43 -0.01	45.20 0.67 -0.01	49.34 0.87 -0.01	54.26 1.22 -0.01	57.20 1.50 0.00	74.61 2.66 0.00	65.37 2.33 0.00	58.06 2.13 0.00	53.55 1.81 0.00	46.05 0.95 0.00	42.16 0.83 0.00	41.02 0.84 0.00
JERICOHO_RISE_WT_PWR 323719	43.48 0.30 0.00	40.13 0.28 0.00	40.15 0.36 0.00	39.01 0.31 0.00	38.76 0.38 0.00	44.80 0.62 0.00	60.79 0.95 0.00	69.53 0.96 0.00	55.97 0.61 0.00	49.20 0.44 0.00	44.83 0.40 0.00	43.52 0.13 0.00	42.51 0.00 0.00	44.31 -0.22 0.00	48.12 -0.34 0.00	52.40 -0.63 0.00	54.87 -0.83 0.00	70.36 -1.58 0.00	61.52 -1.51 0.00	54.54 -1.40 0.00	50.45 -1.29 0.00	43.98 -1.13 0.00	40.39 -0.95 0.00	39.30 -0.88 0.00
KATONAH__115KV_46KV_TB4 355592	45.38 2.20 0.00	41.84 1.99 0.00	41.78 1.99 0.00	40.60 1.90 0.00	40.30 1.92 0.00	46.56 2.39 0.00	63.24 3.41 0.00	72.13 3.57 0.00	58.40 3.04 0.00	51.74 2.97 0.00	47.23 2.80 0.00	46.16 2.78 0.00	45.36 2.85 0.00	47.51 2.98 0.00	51.66 3.20 0.00	56.32 3.29 0.00	58.99 3.29 0.00	76.40 4.46 0.00	66.88 3.85 0.00	59.40 3.47 0.00	55.10 3.36 0.00	48.08 2.98 0.00	44.02 2.69 0.00	42.71 2.53 0.00
KCE_NY_1 323755	44.60 1.42 0.00	41.24 1.39 0.00	41.14 1.35 0.00	40.06 1.35 0.00	39.72 1.34 0.00	46.03 1.86 0.00	62.34 2.51 0.00	71.45 2.88 0.00	57.46 2.10 0.00	50.52 1.75 0.00	45.95 1.51 0.00	44.81 1.43 0.00	43.91 1.40 0.00	46.09 1.56 0.00	50.34 1.89 0.00	55.21 2.18 0.00	57.76 2.06 0.00	74.96 3.02 0.00	65.68 2.65 0.00	58.28 2.35 0.00	54.07 2.33 0.00	47.14 2.03 0.00	43.20 1.86 0.00	41.87 1.69 0.00
KCE_NY_6_ESR 323823	40.63 -2.55 0.00	36.86 -2.99 0.00	36.80 -2.98 0.00	35.76 -2.94 0.00	35.19 -3.18 0.00	38.86 -5.30 0.02	52.15 -7.66 0.02	60.12 -8.44 0.01	49.20 -6.15 0.02	43.25 -5.51 0.01	39.50 -4.93 0.00	38.70 -4.69 0.00	37.57 -4.93 0.02	39.48 -5.03 0.02	42.77 -5.67 0.02	46.97 -6.05 0.02	49.85 -5.85 0.00	63.81 -8.13 0.00	56.17 -6.87 0.00	50.57 -5.37 0.00	46.46 -5.28 0.00	40.32 -4.78 0.00	36.79 -4.55 0.00	36.28 -3.90 0.00
KEDC_PORT_JEFF_GT2 24210	45.90 2.72 0.00	42.24 2.39 0.00	41.97 2.19 0.00	40.91 2.21 0.00	40.72 2.34 0.00	47.40 3.22 0.00	62.88 3.05 0.00	71.79 3.22 0.00	57.41 2.05 0.00	51.25 2.49 0.00	47.54 3.11 0.00	46.72 3.34 0.00	45.91 3.40 0.00	47.78 3.25 0.00	51.70 3.25 0.00	56.32 3.29 0.00	59.43 3.73 0.00	77.41 5.47 0.00	67.83 4.79 0.00	59.74 3.81 0.00	55.10 3.36 0.00	49.08 3.97 0.00	45.55 4.22 0.00	43.87 3.69 0.00
KEDC_PORT_JEFF_GT3 24211	45.90 2.72 0.00	42.24 2.39 0.00	41.97 2.19 0.00	40.91 2.21 0.00	40.72 2.34 0.00	47.40 3.22 0.00	62.88 3.05 0.00	71.79 3.22 0.00	57.41 2.05 0.00	51.25 2.49 0.00	47.54 3.11 0.00	46.72 3.34 0.00	45.91 3.40 0.00	47.78 3.25 0.00	51.70 3.25 0.00	56.32 3.29 0.00	59.43 3.73 0.00	77.41 5.47 0.00	67.83 4.79 0.00	59.74 3.81 0.00	55.10 3.36 0.00	49.08 3.97 0.00	45.55 4.22 0.00	43.87 3.69 0.00
KEDC_GLWD_GT4 24219	45.76 2.59 0.00	42.16 2.31 0.00	41.94 2.15 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.01 2.83 0.00	63.24 3.41 0.00	72.20 3.63 0.00	58.13 2.77 0.00	51.69 2.93 0.00	47.59 3.16 0.00	46.64 3.26 0.00	45.83 3.32 0.00	47.87 3.34 0.00	51.95 3.49 0.00	56.59 3.55 0.00	59.49 3.79 0.00	77.13 5.18 0.00	67.51 4.48 0.00	59.74 3.81 0.00	55.31 3.57 0.00	48.67 3.56 0.00	44.81 3.47 0.00	43.32 3.14 0.00
KEDC_GLWD_GT5 24220	45.76 2.59 0.00	42.16 2.31 0.00	41.94 2.15 0.00	40.80 2.09 0.00	40.56 2.19 0.00	47.01 2.83 0.00	63.24 3.41 0.00	72.20 3.63 0.00	58.13 2.77 0.00	51.69 2.93 0.00	47.59 3.16 0.00	46.64 3.26 0.00	45.83 3.32 0.00	47.87 3.34 0.00	51.95 3.49 0.00	56.59 3.55 0.00	59.49 3.79 0.00	77.13 5.18 0.00	67.51 4.48 0.00	59.74 3.81 0.00	55.31 3.57 0.00	48.67 3.56 0.00	44.81 3.47 0.00	43.32 3.14 0.00
KENSICO____ 23655	45.29 2.12 0.00	41.84 1.99 0.00	41.70 1.91 0.00	40.53 1.82 0.00	40.22 1.84 0.00	46.47 2.30 0.00	63.06 3.23 0.00	72.00 3.43 0.00	58.18 2.82 0.00	51.64 2.88 0.00	47.15 2.71 0.00	46.12 2.73 0.00	45.36 2.85 0.00	47.47 2.94 0.00	51.61 3.15 0.00	56.27 3.24 0.00	59.04 3.34 0.00	76.33 4.39 0.00	66.82 3.78 0.00	59.35 3.41 0.00	55.00 3.26 0.00	48.04 2.93 0.00	44.06 2.73 0.00	42.71 2.53 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.55 2.37 0.00	41.96 2.11 0.00	41.90 2.11 0.00	40.72 2.01 0.00	40.41 2.03 0.00	46.65 2.47 0.00	63.42 3.59 0.00	72.34 3.77 0.00	58.18 2.82 0.00	51.40 2.63 0.00	46.79 2.36 0.00	45.68 2.30 0.00	45.02 2.51 0.00	47.25 2.72 0.00	51.41 2.96 0.00	56.21 3.18 0.00	59.26 3.56 0.00	76.69 4.75 0.00	67.20 4.16 0.00	59.68 3.75 0.00	55.31 3.57 0.00	48.22 3.11 0.00	44.15 2.81 0.00	42.75 2.57 0.00

KLAC_JFK_GT1 23816	45.68 2.50 -0.01	42.13 2.27 -0.01	42.02 2.23 0.00	40.80 2.09 0.00	40.53 2.15 0.00	46.92 2.74 -0.01	63.78 3.95 0.00	73.02 4.46 0.00	59.07 3.71 0.00	52.49 3.71 -0.02	47.92 3.47 -0.02	46.93 3.51 -0.03	46.11 3.57 -0.03	48.26 3.70 -0.03	52.46 3.97 -0.03	57.06 4.03 0.00	59.93 4.23 0.00	77.41 5.47 0.00	67.70 4.66 0.00	60.19 4.25 0.00	55.88 4.14 0.00	48.72 3.61 0.00	44.61 3.27 -0.01	43.16 2.97 -0.01
KIAC_JFK_GT2 23817	45.68 2.50 -0.01	42.13 2.27 -0.01	42.02 2.23 0.00	40.80 2.09 0.00	40.53 2.15 0.00	46.92 2.74 -0.01	63.78 3.95 0.00	73.02 4.46 0.00	59.07 3.71 0.00	52.49 3.71 -0.02	47.92 3.47 -0.02	46.93 3.51 -0.03	46.11 3.57 -0.03	48.26 3.70 -0.03	52.46 3.97 -0.03	57.06 4.03 0.00	59.93 4.23 0.00	77.41 5.47 0.00	67.70 4.66 0.00	60.19 4.25 0.00	55.88 4.14 0.00	48.72 3.61 0.00	44.61 3.27 -0.01	43.16 2.97 -0.01
KIAC_JFK____ 323774	45.68 2.50 -0.01	42.13 2.27 -0.01	41.97 2.19 0.00	40.80 2.09 0.00	40.53 2.15 0.00	46.88 2.70 -0.01	63.78 3.95 0.00	72.96 4.39 0.00	59.01 3.65 0.00	52.44 3.66 -0.02	47.96 3.51 -0.02	46.93 3.51 -0.03	46.07 3.53 -0.03	48.26 3.69 -0.03	52.46 3.97 -0.03	57.01 3.98 0.00	59.88 4.18 0.00	77.41 5.47 0.00	67.70 4.66 0.00	60.18 4.25 0.00	55.88 4.14 0.00	48.72 3.61 0.00	44.65 3.31 -0.01	43.16 2.97 -0.01
KINTIGH__24_KV_GSU 356498	40.54 -2.64 0.00	36.86 -2.99 0.00	36.84 -2.94 0.00	35.88 -2.82 0.00	35.42 -2.95 0.00	39.31 -4.86 0.01	52.46 -7.36 0.01	61.02 -7.54 0.01	49.81 -5.54 0.01	44.08 -4.68 0.01	40.21 -4.22 0.00	39.44 -3.95 0.00	38.34 -4.16 0.01	40.25 -4.27 0.01	43.31 -5.14 0.01	47.83 -5.20 0.01	50.69 -5.01 0.00	64.90 -7.05 0.00	57.11 -5.93 0.00	51.07 -4.87 0.00	46.98 -4.76 0.00	40.87 -4.24 0.00	37.24 -4.09 0.00	36.68 -3.50 0.00
KINTIGH____ 23543	40.50 -2.68 0.00	36.86 -2.99 0.00	36.72 -3.06 0.00	35.84 -2.86 0.00	35.38 -2.99 0.00	39.22 -4.95 0.01	52.46 -7.36 0.01	61.09 -7.47 0.01	49.76 -5.59 0.01	44.08 -4.68 0.01	40.21 -4.22 0.00	39.44 -3.95 0.00	38.34 -4.17 0.01	40.16 -4.36 0.01	43.31 -5.14 0.01	47.77 -5.25 0.01	50.63 -5.07 0.00	64.89 -7.05 0.00	57.11 -5.93 0.00	51.07 -4.87 0.00	46.98 -4.76 0.00	40.87 -4.24 0.00	37.37 -3.97 0.00	36.60 -3.58 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.87 0.69 0.00	40.45 0.60 0.00	40.46 0.68 0.00	39.33 0.62 0.00	39.11 0.73 0.00	45.24 1.06 0.00	61.45 1.62 0.00	70.28 1.71 0.00	56.63 1.27 0.00	49.60 0.83 0.00	45.24 0.80 0.00	43.82 0.43 0.00	42.73 0.21 0.00	44.57 0.04 0.00	48.41 -0.05 0.00	52.82 -0.21 0.00	55.31 -0.39 0.00	70.94 -1.01 0.00	61.97 -1.07 0.00	55.04 -0.89 0.00	50.86 -0.88 0.00	44.34 -0.77 0.00	40.67 -0.66 0.00	39.62 -0.56 0.00
LACHUTE____HYDRO 323717	46.20 3.02 0.00	42.72 2.87 0.00	42.61 2.83 0.00	41.49 2.79 0.00	41.14 2.76 0.00	47.84 3.66 0.00	64.79 4.96 0.00	74.60 6.04 0.00	59.45 4.10 0.00	52.08 3.32 0.00	47.15 2.71 0.00	45.86 2.47 0.00	44.89 2.38 0.00	47.07 2.54 0.00	51.51 3.05 0.00	56.59 3.55 0.00	59.10 3.40 0.00	77.34 5.40 0.00	68.02 4.98 0.00	60.35 4.42 0.00	56.03 4.29 0.00	48.81 3.70 0.00	44.68 3.35 0.00	43.19 3.01 0.00
LAWRNCV_115KV_TB1 80681	44.38 1.21 0.00	41.01 1.16 0.00	40.98 1.19 0.00	39.75 1.05 0.00	39.49 1.11 0.00	45.59 1.41 0.00	61.81 1.97 0.00	70.69 2.13 0.00	56.85 1.49 0.00	49.84 1.07 0.00	45.46 1.02 0.00	44.04 0.65 0.00	43.02 0.51 0.00	45.02 0.49 0.00	49.09 0.63 0.00	53.46 0.42 0.00	55.87 0.17 0.00	71.73 -0.22 0.00	62.85 -0.19 0.00	55.82 -0.11 0.00	51.74 0.00 0.00	45.33 0.23 0.00	41.67 0.33 0.00	40.54 0.36 0.00
LEDERLE____ 23769	45.42 2.25 0.00	41.84 1.99 0.00	41.78 1.99 0.00	40.60 1.90 0.00	40.34 1.96 0.00	46.56 2.39 0.00	63.30 3.47 0.00	72.34 3.77 0.00	58.35 2.99 0.00	51.69 2.93 0.00	47.23 2.80 0.00	46.16 2.78 0.00	45.45 2.93 0.00	47.60 3.07 0.00	51.75 3.30 0.00	56.48 3.45 0.00	59.38 3.68 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.63 3.69 0.00	55.26 3.52 0.00	48.22 3.11 0.00	44.19 2.85 0.00	42.83 2.65 0.00
LIGHTHSE_115KV_TB6 355974	42.44 -0.73 0.00	39.21 -0.64 0.00	39.07 -0.72 0.00	37.89 -0.81 0.00	37.65 -0.73 0.00	43.16 -1.02 0.00	58.45 -1.38 0.00	67.13 -1.44 0.00	54.25 -1.11 0.00	47.60 -1.17 0.00	43.32 -1.11 0.00	42.34 -1.04 0.00	41.41 -1.11 0.00	43.42 -1.11 0.00	47.25 -1.21 0.00	51.76 -1.27 0.00	54.42 -1.28 0.00	70.43 -1.51 0.00	61.84 -1.20 0.00	55.04 -0.89 0.00	50.76 -0.98 0.00	44.21 -0.90 0.00	40.51 -0.83 0.00	39.38 -0.80 0.00
LINDEN COGEN____ 23786	45.55 2.37 -0.01	42.05 2.19 -0.01	41.86 2.07 0.00	40.72 2.01 0.00	40.45 2.07 0.00	46.70 2.52 -0.01	63.36 3.53 0.00	72.41 3.84 0.00	58.57 3.21 0.00	52.00 3.22 -0.02	47.56 3.11 -0.02	46.63 3.21 -0.03	45.73 3.19 -0.03	47.95 3.38 -0.03	52.03 3.54 -0.03	56.53 3.50 0.00	59.32 3.62 0.00	76.62 4.67 0.00	67.01 3.97 0.00	59.57 3.63 0.00	55.31 3.57 0.00	48.31 3.20 0.00	44.36 3.02 -0.01	42.96 2.77 -0.01
LINDHRST_69_KV_BK1 356055	46.28 3.11 0.00	42.56 2.71 0.00	42.33 2.55 0.00	41.18 2.48 0.00	40.99 2.61 0.00	47.71 3.53 0.00	63.54 3.71 0.00	72.68 4.11 0.00	58.02 2.66 0.00	51.89 3.12 0.00	47.90 3.47 0.00	47.11 3.73 0.00	46.42 3.91 0.00	48.36 3.83 0.00	52.23 3.78 0.00	56.96 3.92 0.00	60.10 4.40 0.00	78.27 6.33 0.00	68.58 5.55 0.00	60.47 4.53 0.00	55.77 4.04 0.00	49.44 4.33 0.00	45.59 4.26 0.00	44.04 3.86 0.00
LIPA_MISC_IPP 23656	45.89 2.72 0.00	42.24 2.39 0.00	42.02 2.23 0.00	40.95 2.24 0.00	40.76 2.38 0.00	47.49 3.31 0.00	62.94 3.11 0.00	72.00 3.43 0.00	57.41 2.05 0.00	51.40 2.63 0.00	47.41 2.98 0.00	46.64 3.25 0.00	45.95 3.44 0.00	47.82 3.30 0.00	51.60 3.15 0.00	56.21 3.18 0.00	59.43 3.73 0.00	77.41 5.47 0.00	67.77 4.73 0.00	59.68 3.75 0.00	55.05 3.31 0.00	48.99 3.88 0.00	45.35 4.01 0.00	43.84 3.66 0.00
LISF____SOLAR 323691	45.98 2.80 0.00	42.32 2.47 0.00	42.05 2.27 0.00	40.99 2.28 0.00	40.84 2.46 0.00	47.53 3.36 0.00	63.06 3.23 0.00	71.99 3.43 0.00	57.52 2.16 0.00	51.30 2.53 0.00	47.59 3.16 0.00	46.68 3.30 0.00	45.87 3.36 0.00	47.73 3.21 0.00	51.70 3.25 0.00	56.32 3.29 0.00	59.49 3.79 0.00	77.56 5.62 0.00	67.96 4.92 0.00	59.79 3.86 0.00	55.15 3.41 0.00	49.17 4.06 0.00	45.55 4.22 0.00	43.87 3.69 0.00
LITTLE FALLS____HYD 24013	46.02 2.85 0.00	42.52 2.67 0.00	42.41 2.63 0.00	41.22 2.52 0.00	40.72 2.34 0.00	46.83 2.65 0.00	63.36 3.53 0.00	72.34 3.77 0.00	58.18 2.82 0.00	51.11 2.34 0.00	46.57 2.13 0.00	45.47 2.08 0.00	44.51 2.00 0.00	46.62 2.09 0.00	50.69 2.23 0.00	55.58 2.55 0.00	58.32 2.62 0.00	75.40 3.45 0.00	66.19 3.15 0.00	58.84 2.91 0.00	54.38 2.64 0.00	47.36 2.26 0.00	43.49 2.15 0.00	42.27 2.09 0.00

LITTLRIV_115KV_TB1 356100	44.90 1.73 0.00	41.52 1.67 0.00	41.46 1.67 0.00	40.18 1.47 0.00	39.95 1.57 0.00	46.12 1.94 0.00	62.58 2.75 0.00	71.52 2.95 0.00	57.41 2.05 0.00	50.18 1.41 0.00	45.68 1.24 0.00	44.25 0.87 0.00	43.19 0.68 0.00	45.24 0.71 0.00	49.38 0.92 0.00	53.83 0.80 0.00	56.42 0.72 0.00	72.59 0.65 0.00	63.67 0.63 0.00	56.61 0.67 0.00	52.41 0.67 0.00	45.78 0.68 0.00	42.08 0.74 0.00	40.94 0.76 0.00
LI_NEWBRDGE___DRP 323616	45.55 2.37 0.00	41.92 2.07 0.00	41.74 1.95 0.00	40.60 1.90 0.00	40.37 2.00 0.00	46.91 2.74 0.00	62.52 2.69 0.00	71.38 2.81 0.00	57.19 1.83 0.00	51.25 2.49 0.00	47.14 2.71 0.00	46.42 3.04 0.00	45.74 3.23 0.00	47.60 3.07 0.00	51.36 2.91 0.00	56.00 2.97 0.00	58.99 3.29 0.00	76.62 4.68 0.00	67.07 4.03 0.00	59.24 3.30 0.00	54.74 3.00 0.00	48.49 3.38 0.00	44.81 3.47 0.00	43.31 3.13 0.00
LOCKPORT_115KV_TB60_63_64 80432	40.20 -2.98 0.00	36.54 -3.31 0.00	36.37 -3.42 0.00	35.49 -3.21 0.00	35.04 -3.34 0.00	38.29 -5.88 0.01	51.14 -8.68 0.01	59.44 -9.12 0.01	48.59 -6.75 0.01	43.00 -5.75 0.01	39.19 -5.24 0.00	38.44 -4.95 0.00	37.31 -5.19 0.01	39.13 -5.39 0.01	42.24 -6.20 0.01	46.50 -6.52 0.01	49.35 -6.35 0.00	63.17 -8.78 0.00	55.66 -7.38 0.00	50.06 -5.87 0.00	46.00 -5.74 0.00	39.97 -5.14 0.00	36.58 -4.75 0.00	35.88 -4.30 0.00
LOCKPORT___CC1 323769	40.24 -2.94 0.00	36.54 -3.31 0.00	36.53 -3.26 0.00	35.49 -3.21 0.00	35.04 -3.34 0.00	38.38 -5.79 0.01	51.14 -8.68 0.01	59.37 -9.19 0.01	48.65 -6.70 0.01	42.95 -5.80 0.01	39.19 -5.24 0.00	38.44 -4.95 0.00	37.31 -5.19 0.01	39.17 -5.34 0.01	42.19 -6.25 0.01	46.55 -6.47 0.01	49.40 -6.29 0.00	63.16 -8.78 0.00	55.66 -7.38 0.00	50.06 -5.87 0.00	45.99 -5.74 0.00	39.96 -5.14 0.00	36.42 -4.92 0.00	35.96 -4.22 0.00
LOCKPORT___CC2 323770	40.24 -2.94 0.00	36.54 -3.31 0.00	36.53 -3.26 0.00	35.49 -3.21 0.00	35.04 -3.34 0.00	38.38 -5.79 0.01	51.14 -8.68 0.01	59.37 -9.19 0.01	48.65 -6.70 0.01	42.95 -5.80 0.01	39.19 -5.24 0.00	38.44 -4.95 0.00	37.31 -5.19 0.01	39.17 -5.34 0.01	42.19 -6.25 0.01	46.55 -6.47 0.01	49.40 -6.29 0.00	63.16 -8.78 0.00	55.66 -7.38 0.00	50.06 -5.87 0.00	45.99 -5.74 0.00	39.96 -5.14 0.00	36.42 -4.92 0.00	35.96 -4.22 0.00
LOCKPORT___CC3 323771	40.24 -2.94 0.00	36.54 -3.31 0.00	36.53 -3.26 0.00	35.49 -3.21 0.00	35.04 -3.34 0.00	38.38 -5.79 0.01	51.14 -8.68 0.01	59.37 -9.19 0.01	48.65 -6.70 0.01	42.95 -5.80 0.01	39.19 -5.24 0.00	38.44 -4.95 0.00	37.31 -5.19 0.01	39.17 -5.34 0.01	42.19 -6.25 0.01	46.55 -6.47 0.01	49.40 -6.29 0.00	63.16 -8.78 0.00	55.66 -7.38 0.00	50.06 -5.87 0.00	45.99 -5.74 0.00	39.96 -5.14 0.00	36.42 -4.92 0.00	35.96 -4.22 0.00
LOCUSVLY_69_KV_BK2 55797	45.85 2.68 0.00	42.24 2.39 0.00	42.02 2.23 0.00	40.87 2.17 0.00	40.64 2.26 0.00	47.18 3.00 0.00	63.06 3.23 0.00	72.06 3.50 0.00	57.85 2.49 0.00	51.74 2.97 0.00	47.54 3.11 0.00	46.77 3.38 0.00	46.04 3.53 0.00	48.00 3.47 0.00	51.89 3.44 0.00	56.53 3.50 0.00	59.54 3.84 0.00	77.27 5.32 0.00	67.64 4.60 0.00	59.80 3.86 0.00	55.26 3.52 0.00	48.81 3.70 0.00	44.97 3.64 0.00	43.51 3.33 0.00
LONG_LAKE_PHOENIX 24014	41.79 -1.38 0.00	38.61 -1.24 0.00	38.48 -1.31 0.00	37.47 -1.24 0.00	37.15 -1.23 0.00	42.63 -1.55 0.00	57.80 -2.03 0.00	66.37 -2.19 0.00	53.75 -1.61 0.00	47.30 -1.46 0.00	43.01 -1.42 0.00	42.08 -1.30 0.00	41.24 -1.28 0.00	43.19 -1.34 0.00	47.00 -1.45 0.00	51.50 -1.54 0.00	54.20 -1.50 0.00	70.00 -1.94 0.00	61.34 -1.70 0.00	54.48 -1.45 0.00	50.29 -1.45 0.00	43.80 -1.31 0.00	40.10 -1.24 0.00	38.97 -1.21 0.00
LOVETT___3 23632	45.20 2.03 0.00	41.68 1.83 0.00	41.58 1.79 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.39 2.21 0.00	63.00 3.17 0.00	72.00 3.43 0.00	58.13 2.77 0.00	51.55 2.78 0.00	47.06 2.62 0.00	46.08 2.69 0.00	45.28 2.76 0.00	47.42 2.89 0.00	51.51 3.05 0.00	56.21 3.18 0.00	59.04 3.34 0.00	76.33 4.39 0.00	66.82 3.78 0.00	59.29 3.36 0.00	55.00 3.26 0.00	48.04 2.93 0.00	44.02 2.69 0.00	42.67 2.49 0.00
LOVETT___4 23642	45.20 2.03 0.00	41.68 1.83 0.00	41.58 1.79 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.39 2.21 0.00	63.00 3.17 0.00	72.00 3.43 0.00	58.13 2.77 0.00	51.55 2.78 0.00	47.06 2.62 0.00	46.08 2.69 0.00	45.28 2.76 0.00	47.42 2.89 0.00	51.51 3.05 0.00	56.21 3.18 0.00	59.04 3.34 0.00	76.33 4.39 0.00	66.82 3.78 0.00	59.29 3.36 0.00	55.00 3.26 0.00	48.04 2.93 0.00	44.02 2.69 0.00	42.67 2.49 0.00
LOVETT___5 23593	45.20 2.03 0.00	41.68 1.83 0.00	41.58 1.79 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.39 2.21 0.00	63.00 3.17 0.00	72.00 3.43 0.00	58.13 2.77 0.00	51.55 2.78 0.00	47.06 2.62 0.00	46.08 2.69 0.00	45.28 2.76 0.00	47.42 2.89 0.00	51.51 3.05 0.00	56.21 3.18 0.00	59.04 3.34 0.00	76.33 4.39 0.00	66.82 3.78 0.00	59.29 3.36 0.00	55.00 3.26 0.00	48.04 2.93 0.00	44.02 2.69 0.00	42.67 2.49 0.00
LOWER RAQUET___HYD 24057	44.43 1.25 0.00	41.04 1.19 0.00	41.02 1.23 0.00	39.79 1.08 0.00	39.53 1.15 0.00	45.59 1.41 0.00	61.87 2.04 0.00	70.76 2.19 0.00	56.91 1.55 0.00	49.89 1.12 0.00	45.41 0.98 0.00	44.04 0.65 0.00	43.02 0.51 0.00	45.02 0.49 0.00	49.09 0.63 0.00	53.41 0.37 0.00	55.76 0.06 0.00	71.51 -0.43 0.00	62.72 -0.31 0.00	55.71 -0.22 0.00	51.64 -0.10 0.00	45.29 0.18 0.00	41.63 0.29 0.00	40.54 0.36 0.00
LOWER___HUDSON 24059	44.04 0.86 0.00	40.77 0.92 0.00	40.70 0.92 0.00	39.63 0.93 0.00	39.34 0.96 0.00	45.59 1.41 0.00	61.69 1.86 0.00	70.70 2.13 0.00	57.02 1.66 0.00	50.18 1.42 0.00	45.68 1.24 0.00	44.60 1.21 0.00	43.70 1.19 0.00	45.86 1.33 0.00	50.01 1.55 0.00	54.84 1.80 0.00	57.43 1.73 0.00	74.39 2.45 0.00	65.18 2.14 0.00	57.84 1.90 0.00	53.60 1.86 0.00	46.78 1.67 0.00	42.87 1.53 0.00	41.59 1.41 0.00
LOWVILLE_115KV_TB2 356335	43.99 0.82 0.00	40.77 0.92 0.00	40.62 0.84 0.00	39.29 0.58 0.00	39.11 0.73 0.00	44.97 0.80 0.00	60.91 1.08 0.00	69.66 1.10 0.00	55.52 0.17 0.00	48.52 -0.24 0.00	44.04 -0.40 0.00	42.91 -0.48 0.00	42.04 -0.47 0.00	44.17 -0.36 0.00	48.12 -0.34 0.00	52.77 -0.27 0.00	55.59 -0.11 0.00	71.94 0.00 0.00	63.23 0.19 0.00	56.22 0.28 0.00	51.84 0.10 0.00	45.06 -0.05 0.00	41.25 -0.08 0.00	40.10 -0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.56 1.38 0.00	41.20 1.35 0.00	41.14 1.35 0.00	40.06 1.35 0.00	39.72 1.34 0.00	45.99 1.81 0.00	62.28 2.45 0.00	71.45 2.88 0.00	57.46 2.10 0.00	50.52 1.76 0.00	45.90 1.47 0.00	44.77 1.39 0.00	43.92 1.40 0.00	46.04 1.51 0.00	50.30 1.84 0.00	55.15 2.12 0.00	57.76 2.06 0.00	74.89 2.95 0.00	65.68 2.65 0.00	58.28 2.35 0.00	54.01 2.28 0.00	47.14 2.03 0.00	43.15 1.82 0.00	41.87 1.69 0.00

LUTHERNY_35_KV_BK2 355980	44.60 1.42 0.00	41.24 1.39 0.00	41.18 1.39 0.00	40.06 1.35 0.00	39.76 1.38 0.00	46.03 1.86 0.00	62.34 2.51 0.00	71.52 2.95 0.00	57.46 2.10 0.00	50.57 1.80 0.00	45.95 1.51 0.00	44.82 1.43 0.00	43.92 1.40 0.00	46.09 1.56 0.00	50.35 1.89 0.00	55.21 2.17 0.00	57.82 2.12 0.00	74.97 3.02 0.00	65.68 2.65 0.00	58.28 2.35 0.00	54.07 2.33 0.00	47.14 2.03 0.00	43.20 1.86 0.00	41.87 1.69 0.00
LWR___OSWEGATCHIE_HYD 23850	43.99 0.82 0.00	40.69 0.84 0.00	40.62 0.84 0.00	39.33 0.62 0.00	39.15 0.77 0.00	44.97 0.80 0.00	60.97 1.14 0.00	69.80 1.23 0.00	55.91 0.55 0.00	48.91 0.15 0.00	44.48 0.04 0.00	43.21 -0.17 0.00	42.26 -0.26 0.00	44.31 -0.22 0.00	48.31 -0.15 0.00	52.77 -0.27 0.00	55.31 -0.39 0.00	71.30 -0.65 0.00	62.60 -0.44 0.00	55.66 -0.28 0.00	51.48 -0.26 0.00	45.02 -0.09 0.00	41.29 -0.04 0.00	40.18 0.00 0.00
LYONS_FALL_HYD 23570	43.95 0.78 0.00	40.69 0.84 0.00	40.54 0.75 0.00	39.25 0.54 0.00	39.07 0.69 0.00	44.93 0.75 0.00	60.85 1.02 0.00	69.73 1.16 0.00	55.80 0.44 0.00	48.86 0.10 0.00	44.30 -0.13 0.00	43.30 -0.09 0.00	42.43 -0.08 0.00	44.57 0.04 0.00	48.55 0.10 0.00	53.30 0.27 0.00	56.09 0.39 0.00	72.52 0.57 0.00	63.67 0.63 0.00	56.55 0.62 0.00	52.15 0.41 0.00	45.38 0.27 0.00	41.50 0.17 0.00	40.34 0.16 0.00
MADISON___COUNTY_LFGE 323628	43.95 0.78 0.00	40.65 0.80 0.00	40.54 0.76 0.00	39.33 0.62 0.00	39.07 0.69 0.00	44.93 0.75 0.00	61.03 1.20 0.00	69.94 1.37 0.00	56.41 1.05 0.00	49.45 0.68 0.00	44.88 0.44 0.00	43.86 0.48 0.00	43.02 0.51 0.00	45.20 0.67 0.00	49.23 0.78 0.00	54.04 1.01 0.00	56.87 1.17 0.00	73.45 1.51 0.00	64.42 1.39 0.00	57.17 1.23 0.00	52.77 1.03 0.00	45.83 0.72 0.00	41.91 0.58 0.00	40.74 0.56 0.00
MALONE___115KV_TB1 356076	44.17 0.99 0.00	40.73 0.88 0.00	40.74 0.95 0.00	39.60 0.89 0.00	39.34 0.96 0.00	45.55 1.37 0.00	61.87 2.03 0.00	70.76 2.19 0.00	57.02 1.66 0.00	49.99 1.22 0.00	45.55 1.11 0.00	44.08 0.69 0.00	42.98 0.47 0.00	44.89 0.36 0.00	48.84 0.39 0.00	53.25 0.21 0.00	55.70 0.00 0.00	71.37 -0.58 0.00	62.41 -0.63 0.00	55.43 -0.50 0.00	51.27 -0.47 0.00	44.75 -0.36 0.00	41.05 -0.29 0.00	39.98 -0.20 0.00
MAPLEWOD_115KV_TB3 80458	43.95 0.78 0.00	40.65 0.80 0.00	40.58 0.80 0.00	39.52 0.81 0.00	39.22 0.84 0.00	45.37 1.19 0.00	61.39 1.56 0.00	70.35 1.78 0.00	56.74 1.38 0.00	49.99 1.22 0.00	45.55 1.11 0.00	44.43 1.04 0.00	43.62 1.11 0.00	45.73 1.20 0.00	49.86 1.41 0.00	54.62 1.59 0.00	57.20 1.50 0.00	74.03 2.09 0.00	64.87 1.83 0.00	57.56 1.62 0.00	53.39 1.66 0.00	46.60 1.49 0.00	42.66 1.32 0.00	41.43 1.25 0.00
MAPLE_RIDGE_WT_1 323574	43.13 -0.04 0.00	39.81 -0.04 0.00	39.71 -0.08 0.00	38.51 -0.19 0.00	38.11 -0.27 0.00	43.78 -0.40 0.00	59.12 -0.72 0.00	67.47 -1.10 0.00	54.14 -1.22 0.00	47.55 -1.22 0.00	43.24 -1.20 0.00	42.13 -1.26 0.00	41.24 -1.27 0.00	43.19 -1.33 0.00	47.00 -1.45 0.00	51.44 -1.59 0.00	54.03 -1.67 0.00	69.79 -2.16 0.00	61.15 -1.89 0.00	54.20 -1.73 0.00	50.13 -1.60 0.00	43.71 -1.40 0.00	40.10 -1.24 0.00	39.01 -1.17 0.00
MAPLE_RIDGE_WT_2 323611	43.13 -0.04 0.00	39.81 -0.04 0.00	39.71 -0.08 0.00	38.51 -0.19 0.00	38.11 -0.27 0.00	43.78 -0.40 0.00	59.12 -0.72 0.00	67.47 -1.10 0.00	54.14 -1.22 0.00	47.55 -1.22 0.00	43.24 -1.20 0.00	42.13 -1.26 0.00	41.24 -1.27 0.00	43.19 -1.33 0.00	47.00 -1.45 0.00	51.44 -1.59 0.00	54.03 -1.67 0.00	69.79 -2.16 0.00	61.15 -1.89 0.00	54.20 -1.73 0.00	50.13 -1.60 0.00	43.71 -1.40 0.00	40.10 -1.24 0.00	39.01 -1.17 0.00
MARBLE_RIVER_WT_PWR 323696	43.48 0.30 0.00	40.13 0.28 0.00	40.10 0.32 0.00	39.01 0.31 0.00	38.76 0.38 0.00	44.75 0.57 0.00	60.73 0.90 0.00	69.53 0.96 0.00	55.97 0.61 0.00	49.15 0.39 0.00	44.79 0.35 0.00	43.52 0.13 0.00	42.47 -0.04 0.00	44.26 -0.27 0.00	48.07 -0.39 0.00	52.40 -0.63 0.00	54.87 -0.83 0.00	70.36 -1.58 0.00	61.46 -1.57 0.00	54.48 -1.45 0.00	50.39 -1.35 0.00	43.93 -1.17 0.00	40.34 -0.99 0.00	39.26 -0.92 0.00
MARSHVLE_115KV_TB1 80742	43.65 0.47 0.00	40.33 0.48 0.00	40.27 0.48 0.00	39.13 0.43 0.00	38.84 0.46 0.00	45.06 0.88 0.00	61.03 1.20 0.00	69.87 1.30 0.00	55.41 0.06 0.00	48.23 -0.54 0.00	43.72 -0.71 0.00	42.56 -0.82 0.00	41.79 -0.72 0.00	44.13 -0.40 0.00	48.65 0.19 0.00	53.78 0.74 0.00	56.03 0.33 0.00	73.02 1.08 0.00	64.11 1.07 0.00	56.94 1.01 0.00	52.62 0.88 0.00	45.74 0.63 0.00	42.16 0.83 0.00	40.78 0.60 0.00
MARSH_HILL_WT_PWR 323713	41.58 -1.60 0.00	37.90 -1.95 0.00	37.64 -2.15 0.00	36.54 -2.17 0.00	35.96 -2.42 0.00	40.04 -4.11 0.03	54.04 -5.74 0.05	61.96 -6.58 0.02	50.01 -5.31 0.03	43.67 -5.07 0.02	39.59 -4.84 0.00	38.79 -4.60 0.00	37.72 -4.76 0.03	39.73 -4.76 0.03	43.34 -5.09 0.03	47.59 -5.41 0.03	50.35 -5.35 0.00	65.33 -6.62 0.00	57.55 -5.48 0.00	51.35 -4.59 0.00	47.39 -4.35 0.00	41.14 -3.97 0.00	37.62 -3.72 0.00	36.80 -3.37 0.00
MCINTYRE_115KV_TB2 80467	45.12 1.94 0.00	41.72 1.87 0.00	41.66 1.87 0.00	40.37 1.66 0.00	40.14 1.77 0.00	46.34 2.16 0.00	62.88 3.05 0.00	71.86 3.29 0.00	57.57 2.21 0.00	50.28 1.51 0.00	45.77 1.33 0.00	44.34 0.95 0.00	43.28 0.77 0.00	45.29 0.76 0.00	49.43 0.97 0.00	54.04 1.01 0.00	56.76 1.06 0.00	73.24 1.29 0.00	64.30 1.26 0.00	57.11 1.17 0.00	52.83 1.09 0.00	46.10 0.99 0.00	42.29 0.95 0.00	41.18 1.00 0.00
MECO_____69_KV_BK1 80468	44.73 1.55 0.00	41.32 1.47 0.00	41.26 1.47 0.00	40.14 1.43 0.00	39.80 1.42 0.00	46.21 2.03 0.00	62.64 2.81 0.00	71.72 3.15 0.00	56.80 1.44 0.00	49.35 0.59 0.00	44.61 0.18 0.00	43.34 -0.04 0.00	42.47 -0.04 0.00	44.84 0.31 0.00	49.57 1.11 0.00	54.94 1.91 0.00	57.54 1.84 0.00	75.04 3.09 0.00	65.94 2.90 0.00	58.56 2.63 0.00	54.17 2.43 0.00	47.09 1.98 0.00	43.24 1.90 0.00	41.83 1.65 0.00
MENANDS___115KV_TB5 355628	43.74 0.56 0.00	40.45 0.60 0.00	40.38 0.60 0.00	39.36 0.66 0.00	39.07 0.69 0.00	45.19 1.02 0.00	61.15 1.32 0.00	70.01 1.44 0.00	56.52 1.16 0.00	49.79 1.02 0.00	45.37 0.93 0.00	44.30 0.91 0.00	43.49 0.98 0.00	45.60 1.07 0.00	49.72 1.26 0.00	54.41 1.38 0.00	56.98 1.28 0.00	73.74 1.80 0.00	64.61 1.58 0.00	57.33 1.40 0.00	53.14 1.40 0.00	46.37 1.26 0.00	42.49 1.16 0.00	41.26 1.08 0.00
MG INDUSTRY___DRP 24185	44.04 0.86 0.00	40.69 0.84 0.00	40.66 0.88 0.00	39.60 0.89 0.00	39.26 0.88 0.00	45.33 1.15 0.00	61.33 1.50 0.00	70.21 1.65 0.00	56.52 1.16 0.00	49.74 0.98 0.00	45.28 0.84 0.00	44.21 0.82 0.00	43.41 0.89 0.00	45.51 0.98 0.00	49.67 1.21 0.00	54.41 1.38 0.00	57.04 1.34 0.00	73.89 1.94 0.00	64.74 1.70 0.00	57.50 1.57 0.00	53.24 1.50 0.00	46.46 1.35 0.00	42.58 1.24 0.00	41.38 1.21 0.00

MID___OSWEGATCHIE_HYD 23849	43.99 0.82 0.00	40.69 0.84 0.00	40.62 0.84 0.00	39.33 0.62 0.00	39.15 0.77 0.00	44.97 0.80 0.00	60.97 1.14 0.00	69.80 1.23 0.00	55.91 0.55 0.00	48.91 0.15 0.00	44.48 0.04 0.00	43.21 -0.17 0.00	42.26 -0.26 0.00	44.31 -0.22 0.00	48.31 -0.15 0.00	52.77 -0.27 0.00	55.31 -0.39 0.00	71.30 -0.65 0.00	62.60 -0.44 0.00	55.66 -0.28 0.00	51.48 -0.26 0.00	45.02 -0.09 0.00	41.29 -0.04 0.00	40.18 0.00 0.00
MID___RAQUETTE_HYD 23851	44.43 1.25 0.00	41.05 1.20 0.00	41.02 1.23 0.00	39.79 1.08 0.00	39.53 1.15 0.00	45.59 1.41 0.00	61.87 2.03 0.00	70.76 2.19 0.00	56.91 1.55 0.00	49.84 1.07 0.00	45.41 0.98 0.00	44.04 0.65 0.00	42.98 0.47 0.00	45.02 0.49 0.00	49.09 0.63 0.00	53.40 0.37 0.00	55.76 0.06 0.00	71.51 -0.43 0.00	62.72 -0.32 0.00	55.71 -0.22 0.00	51.64 -0.10 0.00	45.29 0.18 0.00	41.63 0.29 0.00	40.54 0.36 0.00
MILLIKEN___1 23584	43.35 0.17 0.00	40.01 0.16 0.00	39.83 0.04 0.00	38.75 0.04 0.00	38.42 0.04 0.00	44.12 -0.09 -0.03	59.99 0.12 -0.04	68.86 0.27 -0.02	55.66 0.28 -0.03	48.78 0.00 -0.02	44.21 -0.22 0.00	43.26 -0.13 0.00	42.41 -0.13 -0.03	44.51 -0.04 -0.03	48.44 -0.05 -0.03	53.17 0.11 -0.03	56.03 0.33 0.00	72.59 0.65 0.00	63.60 0.57 0.00	56.44 0.50 0.00	52.10 0.36 0.00	45.29 0.18 0.00	41.46 0.12 0.00	40.26 0.08 0.00
MILLIKEN___2 23585	43.35 0.17 0.00	40.01 0.16 0.00	39.83 0.04 0.00	38.75 0.04 0.00	38.42 0.04 0.00	44.12 -0.09 -0.03	59.99 0.12 -0.04	68.86 0.27 -0.02	55.66 0.28 -0.03	48.78 0.00 -0.02	44.21 -0.22 0.00	43.26 -0.13 0.00	42.41 -0.13 -0.03	44.51 -0.04 -0.03	48.44 -0.05 -0.03	53.17 0.11 -0.03	56.03 0.33 0.00	72.59 0.65 0.00	63.60 0.57 0.00	56.44 0.50 0.00	52.10 0.36 0.00	45.29 0.18 0.00	41.46 0.12 0.00	40.26 0.08 0.00
MILLIKEN___DIESEL 23629	43.35 0.17 0.00	40.01 0.16 0.00	39.83 0.04 0.00	38.75 0.04 0.00	38.42 0.04 0.00	44.12 -0.09 -0.03	59.99 0.12 -0.04	68.86 0.27 -0.02	55.66 0.28 -0.03	48.78 0.00 -0.02	44.21 -0.22 0.00	43.26 -0.13 0.00	42.41 -0.13 -0.03	44.51 -0.04 -0.03	48.44 -0.05 -0.03	53.17 0.11 -0.03	56.03 0.33 0.00	72.59 0.65 0.00	63.60 0.57 0.00	56.44 0.50 0.00	52.10 0.36 0.00	45.29 0.18 0.00	41.46 0.12 0.00	40.26 0.08 0.00
MILLSEAT___LFGE 323607	41.02 -2.16 0.00	37.34 -2.51 0.00	37.28 -2.51 0.00	36.27 -2.44 0.00	35.81 -2.57 0.00	39.44 -4.73 0.01	52.94 -6.88 0.01	61.50 -7.06 0.01	50.20 -5.15 0.01	44.27 -4.49 0.01	40.30 -4.13 0.00	39.57 -3.82 0.00	38.42 -4.08 0.01	40.38 -4.14 0.01	43.55 -4.89 0.01	47.98 -5.04 0.01	50.96 -4.73 0.00	65.33 -6.62 0.00	57.55 -5.48 0.00	51.63 -4.31 0.00	47.34 -4.40 0.00	41.09 -4.01 0.00	37.41 -3.93 0.00	36.76 -3.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.25 2.07 0.00	41.72 1.87 0.00	41.62 1.83 0.00	40.49 1.78 0.00	40.18 1.80 0.00	46.43 2.25 0.00	62.94 3.11 0.00	71.93 3.36 0.00	58.13 2.77 0.00	51.55 2.78 0.00	47.06 2.62 0.00	46.03 2.65 0.00	45.28 2.76 0.00	47.38 2.85 0.00	51.51 3.05 0.00	56.16 3.13 0.00	58.93 3.23 0.00	76.19 4.24 0.00	66.69 3.66 0.00	59.24 3.30 0.00	54.95 3.21 0.00	47.99 2.89 0.00	43.98 2.65 0.00	42.67 2.49 0.00
MILLWOOD_13_KV_LOAD 356217	45.33 2.16 0.00	41.80 1.95 0.00	41.70 1.91 0.00	40.56 1.86 0.00	40.26 1.88 0.00	46.52 2.34 0.00	63.12 3.29 0.00	72.06 3.50 0.00	58.24 2.88 0.00	51.64 2.88 0.00	47.15 2.71 0.00	46.12 2.73 0.00	45.32 2.81 0.00	47.47 2.94 0.00	51.61 3.15 0.00	56.27 3.24 0.00	58.99 3.29 0.00	76.33 4.39 0.00	66.82 3.78 0.00	59.35 3.41 0.00	55.05 3.31 0.00	48.04 2.93 0.00	44.02 2.69 0.00	42.71 2.53 0.00
MODEL_CITY_ENERGY 24167	39.94 -3.24 0.00	36.26 -3.59 0.00	36.25 -3.54 0.00	35.26 -3.45 0.00	34.85 -3.53 0.00	37.98 -6.19 0.01	50.54 -9.27 0.02	58.69 -9.87 0.01	48.10 -7.25 0.01	42.52 -6.24 0.01	38.83 -5.60 0.00	38.05 -5.34 0.00	36.93 -5.57 0.01	38.82 -5.70 0.01	41.81 -6.64 0.01	46.08 -6.95 0.01	48.90 -6.80 0.00	62.44 -9.50 0.00	55.03 -8.01 0.00	49.50 -6.43 0.00	45.53 -6.21 0.00	39.56 -5.55 0.00	36.04 -5.29 0.00	35.64 -4.54 0.00
MODERN_LFGE___ 323580	39.94 -3.24 0.00	36.26 -3.59 0.00	36.25 -3.54 0.00	35.26 -3.45 0.00	34.85 -3.53 0.00	37.98 -6.19 0.01	50.54 -9.27 0.02	58.69 -9.87 0.01	48.10 -7.25 0.01	42.52 -6.24 0.01	38.83 -5.60 0.00	38.05 -5.34 0.00	36.93 -5.57 0.01	38.82 -5.70 0.01	41.81 -6.64 0.01	46.08 -6.95 0.01	48.90 -6.80 0.00	62.44 -9.50 0.00	55.03 -8.01 0.00	49.50 -6.43 0.00	45.53 -6.21 0.00	39.56 -5.55 0.00	36.04 -5.29 0.00	35.64 -4.54 0.00
MOHAWK_PAPER___DRP 24187	43.95 0.78 0.00	40.65 0.80 0.00	40.58 0.80 0.00	39.52 0.81 0.00	39.22 0.84 0.00	45.37 1.19 0.00	61.39 1.56 0.00	70.35 1.78 0.00	56.74 1.38 0.00	49.99 1.22 0.00	45.55 1.11 0.00	44.43 1.04 0.00	43.62 1.11 0.00	45.73 1.20 0.00	49.86 1.41 0.00	54.62 1.59 0.00	57.20 1.50 0.00	74.03 2.09 0.00	64.87 1.83 0.00	57.56 1.62 0.00	53.39 1.66 0.00	46.60 1.49 0.00	42.66 1.32 0.00	41.43 1.25 0.00
MOHICAN___35_KV_115KV_LD 80490	44.64 1.47 0.00	41.28 1.43 0.00	41.18 1.39 0.00	40.10 1.39 0.00	39.80 1.42 0.00	46.16 1.99 0.00	62.46 2.63 0.00	71.79 3.22 0.00	57.57 2.21 0.00	50.62 1.85 0.00	45.95 1.51 0.00	44.77 1.39 0.00	43.87 1.36 0.00	45.95 1.42 0.00	50.25 1.79 0.00	55.10 2.07 0.00	57.59 1.89 0.00	74.89 2.95 0.00	65.68 2.65 0.00	58.28 2.35 0.00	54.12 2.38 0.00	47.23 2.12 0.00	43.24 1.90 0.00	41.91 1.73 0.00
MONGAUP___HYD 23641	45.33 2.16 0.00	41.76 1.91 0.00	41.70 1.91 0.00	40.56 1.86 0.00	40.26 1.88 0.00	46.43 2.25 0.00	63.06 3.23 0.00	71.93 3.36 0.00	57.74 2.38 0.00	50.86 2.10 0.00	46.34 1.91 0.00	45.25 1.86 0.00	44.51 2.00 0.00	46.67 2.14 0.00	50.83 2.37 0.00	55.63 2.60 0.00	58.65 2.95 0.00	76.11 4.17 0.00	66.82 3.78 0.00	59.29 3.36 0.00	54.95 3.21 0.00	47.95 2.84 0.00	43.90 2.56 0.00	42.51 2.33 0.00
MONTAUK___DIESEL 23721	46.37 3.19 0.00	42.88 3.03 0.00	42.81 3.02 0.00	41.88 3.17 0.00	41.83 3.45 0.00	48.77 4.59 0.00	64.86 5.03 0.00	74.12 5.55 0.00	58.79 3.43 0.00	52.18 3.41 0.00	47.94 3.51 0.00	46.81 3.43 0.00	45.87 3.36 0.00	47.55 3.03 0.00	51.41 2.96 0.00	56.00 2.97 0.00	59.21 3.51 0.00	77.34 5.40 0.00	67.51 4.48 0.00	59.29 3.36 0.00	54.53 2.79 0.00	48.54 3.43 0.00	44.77 3.43 0.00	43.63 3.46 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.67 -2.50 0.00	36.78 -3.07 0.00	36.49 -3.30 0.00	35.42 -3.29 0.00	34.58 -3.80 0.00	38.11 -6.05 0.02	51.13 -8.68 0.02	58.61 -9.94 0.01	47.76 -7.58 0.02	41.88 -6.88 0.01	38.17 -6.27 0.00	37.35 -6.03 0.00	36.37 -6.12 0.02	38.19 -6.32 0.02	41.51 -6.93 0.02	45.70 -7.32 0.02	48.79 -6.91 0.00	62.73 -9.21 0.00	55.35 -7.69 0.00	49.95 -5.99 0.00	45.79 -5.95 0.00	39.69 -5.41 0.00	36.38 -4.96 0.00	35.88 -4.30 0.00

MORRIS_RIDGE___SOLAR 323848	41.10 -2.07 0.00	37.42 -2.43 0.00	37.24 -2.55 0.00	36.19 -2.52 0.00	35.58 -2.80 0.00	39.52 -4.64 0.02	53.22 -6.58 0.03	61.15 -7.41 0.02	49.58 -5.76 0.02	43.39 -5.36 0.02	39.46 -4.98 0.00	38.66 -4.73 0.00	37.60 -4.89 0.02	39.52 -4.99 0.02	43.05 -5.38 0.02	47.34 -5.67 0.02	50.02 -5.68 0.00	64.68 -7.26 0.00	56.99 -6.05 0.00	50.85 -5.09 0.00	46.82 -4.92 0.00	40.64 -4.47 0.00	37.16 -4.17 0.00	36.48 -3.70 0.00
MORTIMER_115KV_TB3 55949	41.49 -1.68 0.00	37.98 -1.87 0.00	37.84 -1.95 0.00	36.89 -1.82 0.00	36.46 -1.92 0.00	40.99 -3.18 0.01	55.33 -4.49 0.01	64.17 -4.39 0.00	52.14 -3.21 0.01	46.13 -2.63 0.00	41.99 -2.44 0.00	41.22 -2.17 0.00	40.17 -2.34 0.01	42.12 -2.40 0.01	45.54 -2.91 0.01	50.11 -2.92 0.01	52.97 -2.73 0.00	68.13 -3.81 0.00	59.82 -3.21 0.00	53.25 -2.68 0.00	49.00 -2.74 0.00	42.54 -2.57 0.00	38.90 -2.44 0.00	37.89 -2.29 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.59 2.42 0.00	42.08 2.23 0.00	41.94 2.15 0.00	40.76 2.05 0.00	40.49 2.11 0.00	46.78 2.61 0.00	63.36 3.53 0.00	72.41 3.84 0.00	58.51 3.16 0.00	51.98 3.22 0.01	47.45 3.02 0.01	46.45 3.08 0.02	45.64 3.15 0.02	47.80 3.30 0.02	51.93 3.49 0.02	56.59 3.55 0.00	59.43 3.73 0.00	76.69 4.75 0.00	67.07 4.03 0.00	59.63 3.69 0.00	55.36 3.62 0.00	48.36 3.25 0.00	44.35 3.02 0.00	42.99 2.81 0.00
MUNSVILLE_WIND_PWR 323609	45.59 2.42 0.00	42.20 2.35 0.00	41.94 2.15 0.00	40.41 1.70 0.00	40.18 1.80 0.00	46.00 1.81 -0.01	62.55 2.69 -0.02	71.52 2.95 -0.01	57.53 2.16 -0.01	49.90 1.12 -0.01	44.75 0.31 0.00	43.82 0.43 0.00	42.95 0.43 -0.01	45.35 0.80 -0.01	49.59 1.12 -0.01	54.74 1.70 -0.01	57.82 2.12 0.00	75.33 3.38 0.00	66.00 2.96 0.00	58.73 2.80 0.00	54.12 2.38 0.00	46.51 1.40 0.00	42.58 1.24 0.00	41.47 1.29 0.00
N SALMON___HYD 24042	44.17 0.99 0.00	40.73 0.88 0.00	40.74 0.95 0.00	39.60 0.89 0.00	39.34 0.96 0.00	45.55 1.37 0.00	61.87 2.04 0.00	70.83 2.26 0.00	57.02 1.66 0.00	50.03 1.27 0.00	45.55 1.11 0.00	44.08 0.69 0.00	43.02 0.51 0.00	44.88 0.35 0.00	48.84 0.39 0.00	53.25 0.21 0.00	55.70 0.00 0.00	71.37 -0.58 0.00	62.41 -0.63 0.00	55.43 -0.50 0.00	51.27 -0.47 0.00	44.74 -0.36 0.00	41.05 -0.29 0.00	39.98 -0.20 0.00
N.AKRON__115KV_KNAPP 355671	40.89 -2.29 0.00	37.22 -2.63 0.00	37.08 -2.71 0.00	36.19 -2.52 0.00	35.69 -2.69 0.00	39.26 -4.90 0.01	52.76 -7.06 0.01	61.36 -7.20 0.01	49.98 -5.37 0.01	44.17 -4.58 0.01	40.17 -4.27 0.00	39.44 -3.95 0.00	38.33 -4.17 0.01	40.20 -4.32 0.01	43.41 -5.04 0.01	47.82 -5.20 0.01	50.74 -4.96 0.00	65.04 -6.91 0.00	57.36 -5.67 0.00	51.40 -4.53 0.00	47.19 -4.55 0.00	40.96 -4.15 0.00	37.41 -3.93 0.00	36.64 -3.54 0.00
N.E_GEN_SANDY PD 24062	43.95 0.78 0.00	40.69 0.84 0.00	40.62 0.84 0.00	39.60 0.89 0.00	39.30 0.92 0.00	54.00 1.46 -8.37	85.00 1.97 -23.20	89.10 2.13 -18.40	59.00 1.77 -1.87	50.23 1.46 0.00	45.81 1.38 0.00	44.69 1.30 0.00	43.79 1.27 0.00	45.95 1.42 0.00	50.15 1.70 0.00	67.80 1.91 -12.86	91.40 1.89 -33.81	98.20 2.59 -23.67	91.10 2.27 -25.80	78.30 2.01 -20.35	74.48 1.97 -20.78	59.71 1.76 -12.85	46.30 1.61 -3.35	46.60 1.53 -4.89
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.25 2.07 0.00	41.72 1.87 0.00	41.66 1.87 0.00	40.49 1.78 0.00	40.18 1.80 0.00	46.43 2.25 0.00	63.12 3.29 0.00	72.13 3.57 0.00	58.18 2.82 0.00	51.59 2.83 0.00	47.15 2.71 0.00	46.08 2.69 0.00	45.36 2.85 0.00	47.51 2.98 0.00	51.66 3.20 0.00	56.37 3.34 0.00	59.21 3.51 0.00	76.55 4.60 0.00	66.95 3.91 0.00	59.46 3.52 0.00	55.15 3.41 0.00	48.13 3.02 0.00	44.11 2.77 0.00	42.75 2.57 0.00
N.QUEENS_27_KV_LOAD 356247	46.29 3.11 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.30 2.59 0.00	41.03 2.65 -0.01	47.41 3.22 -0.01	63.78 3.95 0.00	72.27 3.70 0.00	58.51 3.16 0.00	52.24 3.46 -0.01	47.73 3.29 -0.01	46.67 3.25 -0.03	45.94 3.40 -0.03	48.04 3.47 -0.03	52.22 3.73 -0.03	56.59 3.55 0.00	59.32 3.62 0.00	76.40 4.46 0.00	66.82 3.78 0.00	59.57 3.64 0.00	55.41 3.67 0.00	48.67 3.56 0.00	44.73 3.39 -0.01	43.44 3.25 -0.01
N.TROY___115KV_TB1 355778	44.08 0.91 0.00	40.77 0.92 0.00	40.70 0.92 0.00	39.64 0.93 0.00	39.34 0.96 0.00	45.59 1.41 0.00	61.69 1.85 0.00	70.69 2.13 0.00	57.02 1.66 0.00	50.18 1.41 0.00	45.68 1.24 0.00	44.60 1.21 0.00	43.75 1.23 0.00	45.86 1.34 0.00	50.01 1.55 0.00	54.84 1.80 0.00	57.43 1.73 0.00	74.39 2.45 0.00	65.18 2.14 0.00	57.84 1.90 0.00	53.60 1.86 0.00	46.78 1.67 0.00	42.82 1.49 0.00	41.59 1.41 0.00
NARROWS_GT1_1 24228	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT1_2 24229	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT1_3 24230	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT1_4 24231	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT1_5 24232	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01

NARROWS_GT1_6 24233	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT1_7 24234	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT1_8 24235	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT2_1 24236	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT2_2 24237	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT2_3 24238	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT2_4 24239	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT2_5 24240	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT2_6 24241	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT2_7 24242	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NARROWS_GT2_8 24243	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.51 1.34 0.00	41.08 1.24 0.00	41.10 1.31 0.00	40.06 1.35 0.00	39.76 1.38 0.00	45.90 1.72 0.00	62.28 2.45 0.00	71.17 2.61 0.00	57.02 1.66 0.00	49.94 1.17 0.00	45.28 0.84 0.00	44.17 0.78 0.00	43.45 0.94 0.00	45.60 1.07 0.00	49.81 1.36 0.00	54.73 1.70 0.00	57.59 1.89 0.00	74.89 2.95 0.00	65.75 2.71 0.00	58.34 2.41 0.00	54.01 2.28 0.00	47.05 1.94 0.00	43.03 1.69 0.00	41.79 1.61 0.00
NCHELSEA_115KV_TR2 355582	45.42 2.25 0.00	41.88 2.03 0.00	41.82 2.03 0.00	40.64 1.94 0.00	40.34 1.96 0.00	46.61 2.43 0.00	63.24 3.41 0.00	72.13 3.57 0.00	58.18 2.82 0.00	51.45 2.68 0.00	46.92 2.49 0.00	45.86 2.47 0.00	45.19 2.68 0.00	47.38 2.85 0.00	51.56 3.10 0.00	56.27 3.24 0.00	59.10 3.40 0.00	76.48 4.53 0.00	66.95 3.91 0.00	59.46 3.52 0.00	55.10 3.36 0.00	48.08 2.98 0.00	44.02 2.69 0.00	42.71 2.53 0.00
NEG CAPITAL___MECHNVIL 23645	44.60 1.42 0.00	41.24 1.39 0.00	41.18 1.39 0.00	40.10 1.39 0.00	39.76 1.38 0.00	46.08 1.90 0.00	62.40 2.57 0.00	71.58 3.01 0.00	57.57 2.22 0.00	50.62 1.85 0.00	46.03 1.60 0.00	44.90 1.52 0.00	44.00 1.49 0.00	46.18 1.65 0.00	50.44 1.99 0.00	55.36 2.33 0.00	57.93 2.23 0.00	75.11 3.16 0.00	65.88 2.84 0.00	58.45 2.52 0.00	54.17 2.43 0.00	47.23 2.12 0.00	43.28 1.94 0.00	41.95 1.77 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.80 -2.37 0.00	37.46 -2.39 0.00	37.36 -2.43 0.00	36.39 -2.32 0.00	36.00 -2.38 0.00	40.77 -3.40 0.00	55.10 -4.73 0.00	63.84 -4.73 0.00	51.87 -3.49 0.00	45.74 -3.02 0.00	41.64 -2.80 0.00	40.87 -2.52 0.00	39.91 -2.59 0.00	41.90 -2.63 0.00	45.30 -3.15 0.00	49.90 -3.13 0.00	52.69 -3.01 0.00	67.70 -4.24 0.00	59.38 -3.66 0.00	52.80 -3.13 0.00	48.58 -3.16 0.00	42.18 -2.93 0.00	38.48 -2.85 0.00	37.57 -2.61 0.00

NEG CENTRAL___DRP 24199	42.22 -0.95 0.00	38.89 -0.96 0.00	38.71 -1.07 0.00	37.70 -1.01 0.00	37.38 -1.00 0.00	42.72 -1.46 0.00	57.98 -1.85 0.00	66.85 -1.71 0.00	54.14 -1.22 0.00	47.60 -1.17 0.00	43.28 -1.16 0.00	42.43 -0.95 0.00	41.49 -1.02 0.00	43.50 -1.02 0.00	47.25 -1.21 0.00	51.87 -1.17 0.00	54.64 -1.06 0.00	70.58 -1.37 0.00	61.84 -1.20 0.00	54.87 -1.06 0.00	50.60 -1.14 0.00	43.98 -1.13 0.00	40.26 -1.07 0.00	39.09 -1.08 0.00
NEG CENTRAL___INDECK 23768	42.61 -0.56 0.00	38.97 -0.88 0.00	38.79 -0.99 0.00	37.74 -0.97 0.00	37.26 -1.11 0.00	41.81 -2.34 0.02	56.69 -3.11 0.03	65.61 -2.95 0.01	52.96 -2.38 0.02	46.21 -2.54 0.01	41.81 -2.62 0.00	40.96 -2.43 0.00	39.90 -2.59 0.02	41.92 -2.58 0.02	45.48 -2.96 0.02	50.20 -2.81 0.02	53.36 -2.34 0.00	69.14 -2.81 0.00	61.08 -1.95 0.00	54.37 -1.57 0.00	49.93 -1.81 0.00	43.26 -1.85 0.00	39.39 -1.94 0.00	38.41 -1.77 0.00
NEG CENTRAL___SENECA 23627	42.01 -1.17 0.00	38.65 -1.20 0.00	38.48 -1.31 0.00	37.51 -1.20 0.00	37.15 -1.23 0.00	42.27 -1.90 0.00	57.37 -2.45 0.00	66.23 -2.33 0.00	53.75 -1.61 0.00	47.30 -1.46 0.00	43.01 -1.42 0.00	42.17 -1.21 0.00	41.23 -1.28 0.00	43.24 -1.29 0.00	46.90 -1.55 0.00	51.49 -1.54 0.00	54.36 -1.34 0.00	70.07 -1.87 0.00	61.40 -1.64 0.00	54.48 -1.45 0.00	50.19 -1.55 0.00	43.66 -1.44 0.00	39.89 -1.45 0.00	38.77 -1.41 0.00
NEG CENTRAL___STATE_STREET 24147	42.53 -0.65 0.00	39.21 -0.64 0.00	39.07 -0.72 0.00	38.05 -0.66 0.00	37.73 -0.65 0.00	43.25 -0.93 0.00	58.82 -1.02 -0.01	67.68 -0.89 0.00	54.75 -0.61 0.00	48.04 -0.73 0.00	43.68 -0.76 0.00	42.78 -0.61 0.00	41.88 -0.64 0.00	43.91 -0.62 0.00	47.78 -0.68 0.00	52.40 -0.64 0.00	55.25 -0.45 0.00	71.44 -0.50 0.00	62.60 -0.44 0.00	55.49 -0.45 0.00	51.22 -0.52 0.00	44.57 -0.54 0.00	40.76 -0.58 0.00	39.58 -0.60 0.00
NEG MILLWOOD___DRP 24198	45.51 2.33 0.00	41.96 2.11 0.00	41.90 2.11 0.00	40.76 2.05 0.00	40.45 2.07 0.00	46.69 2.52 0.00	63.48 3.65 0.00	72.34 3.77 0.00	58.51 3.16 0.00	51.79 3.02 0.00	47.23 2.80 0.00	46.12 2.73 0.00	45.36 2.85 0.00	47.60 3.07 0.00	51.75 3.30 0.00	56.43 3.39 0.00	59.10 3.40 0.00	76.62 4.68 0.00	67.13 4.10 0.00	59.63 3.69 0.00	55.26 3.52 0.00	48.17 3.07 0.00	44.11 2.77 0.00	42.79 2.61 0.00
NEG NORTH_FLCN_SEA 23793	43.74 0.56 0.00	40.33 0.48 0.00	40.35 0.56 0.00	39.21 0.50 0.00	38.95 0.58 0.00	45.06 0.88 0.00	61.15 1.32 0.00	69.94 1.37 0.00	56.35 1.00 0.00	49.45 0.68 0.00	45.10 0.67 0.00	43.73 0.35 0.00	42.64 0.13 0.00	44.48 -0.04 0.00	48.31 -0.15 0.00	52.66 -0.37 0.00	55.14 -0.56 0.00	70.65 -1.29 0.00	61.78 -1.26 0.00	54.76 -1.17 0.00	50.65 -1.09 0.00	44.16 -0.95 0.00	40.51 -0.83 0.00	39.46 -0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	43.61 0.43 0.00	40.25 0.40 0.00	40.23 0.44 0.00	39.13 0.43 0.00	38.88 0.50 0.00	44.93 0.75 0.00	60.97 1.14 0.00	69.73 1.17 0.00	56.08 0.72 0.00	49.21 0.44 0.00	44.84 0.40 0.00	43.52 0.13 0.00	42.47 -0.04 0.00	44.31 -0.22 0.00	48.12 -0.34 0.00	52.45 -0.58 0.00	54.92 -0.78 0.00	70.50 -1.44 0.00	61.65 -1.39 0.00	54.65 -1.29 0.00	50.55 -1.19 0.00	44.07 -1.04 0.00	40.47 -0.87 0.00	39.38 -0.80 0.00
NEG NORTH___ALICE_FALLS 23915	43.87 0.69 0.00	40.45 0.60 0.00	40.46 0.68 0.00	39.33 0.62 0.00	39.11 0.73 0.00	45.24 1.06 0.00	61.45 1.62 0.00	70.28 1.71 0.00	56.63 1.27 0.00	49.60 0.83 0.00	45.24 0.80 0.00	43.82 0.43 0.00	42.73 0.21 0.00	44.57 0.04 0.00	48.41 -0.05 0.00	52.82 -0.21 0.00	55.31 -0.39 0.00	70.94 -1.01 0.00	61.97 -1.07 0.00	55.04 -0.89 0.00	50.86 -0.88 0.00	44.34 -0.77 0.00	40.67 -0.66 0.00	39.62 -0.56 0.00
NEG NORTH___LWR_SARANAC 23913	43.87 0.69 0.00	40.45 0.60 0.00	40.46 0.68 0.00	39.33 0.62 0.00	39.11 0.73 0.00	45.24 1.06 0.00	61.45 1.62 0.00	70.28 1.71 0.00	56.63 1.27 0.00	49.60 0.83 0.00	45.24 0.80 0.00	43.82 0.43 0.00	42.73 0.21 0.00	44.57 0.04 0.00	48.41 -0.05 0.00	52.82 -0.21 0.00	55.31 -0.39 0.00	70.94 -1.01 0.00	61.97 -1.07 0.00	55.04 -0.89 0.00	50.86 -0.88 0.00	44.34 -0.77 0.00	40.67 -0.66 0.00	39.62 -0.56 0.00
NEG NORTH___PLATTSBURG 23628	43.86 0.69 0.00	40.45 0.60 0.00	40.46 0.68 0.00	39.32 0.62 0.00	39.11 0.73 0.00	45.24 1.06 0.00	61.45 1.62 0.00	70.28 1.71 0.00	56.63 1.27 0.00	49.65 0.88 0.00	45.24 0.80 0.00	43.82 0.43 0.00	42.73 0.21 0.00	44.57 0.04 0.00	48.41 -0.05 0.00	52.82 -0.21 0.00	55.31 -0.39 0.00	70.94 -1.01 0.00	61.97 -1.07 0.00	55.04 -0.90 0.00	50.86 -0.88 0.00	44.34 -0.77 0.00	40.67 -0.66 0.00	39.62 -0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	40.20 -2.98 0.00	36.54 -3.31 0.00	36.37 -3.42 0.00	35.49 -3.21 0.00	35.00 -3.38 0.00	38.29 -5.88 0.01	51.20 -8.62 0.01	59.44 -9.12 0.01	48.59 -6.75 0.01	43.00 -5.75 0.01	39.19 -5.24 0.00	38.44 -4.95 0.00	37.31 -5.19 0.01	39.13 -5.39 0.01	42.24 -6.20 0.01	46.50 -6.52 0.01	49.35 -6.35 0.00	63.17 -8.78 0.00	55.66 -7.38 0.00	50.01 -5.93 0.00	45.94 -5.79 0.00	39.97 -5.14 0.00	36.58 -4.75 0.00	35.88 -4.30 0.00
NEG WEST___LANCASTR 23811	40.37 -2.81 0.00	36.70 -3.15 0.00	36.53 -3.26 0.00	35.57 -3.14 0.00	35.00 -3.38 0.00	39.04 -5.12 0.02	53.23 -6.58 0.02	60.53 -8.02 0.01	49.42 -5.92 0.02	43.24 -5.51 0.01	39.50 -4.93 0.00	38.70 -4.69 0.00	37.73 -4.76 0.02	39.61 -4.90 0.02	43.50 -4.94 0.02	47.18 -5.83 0.02	50.07 -5.63 0.00	64.17 -7.77 0.00	56.48 -6.56 0.00	50.73 -5.20 0.00	46.56 -5.17 0.00	40.46 -4.65 0.00	37.04 -4.30 0.00	36.12 -4.06 0.00
NEG_PENN_ALLEGHNY 23528	43.13 -0.04 0.00	39.73 -0.12 0.00	39.63 -0.16 0.00	38.55 -0.15 0.00	38.19 -0.19 0.00	43.73 -0.44 0.00	59.35 -0.48 0.00	68.09 -0.48 0.00	55.08 -0.28 0.00	48.47 -0.29 0.00	44.13 -0.31 0.00	43.17 -0.22 0.00	42.26 -0.25 0.00	44.35 -0.18 0.00	48.26 -0.19 0.00	52.87 -0.16 0.00	55.70 0.00 0.00	71.94 0.00 0.00	63.04 0.00 0.00	55.99 0.06 0.00	51.69 -0.05 0.00	44.97 -0.13 0.00	41.17 -0.16 0.00	40.02 -0.16 0.00
NEG___GEN_MONROE 24207	41.66 -1.51 0.00	38.14 -1.71 0.00	37.96 -1.83 0.00	37.00 -1.70 0.00	36.57 -1.80 0.00	41.03 -3.14 0.01	55.27 -4.55 0.01	64.04 -4.53 0.00	52.03 -3.32 0.01	45.98 -2.78 0.00	41.81 -2.62 0.00	41.04 -2.34 0.00	40.00 -2.51 0.01	41.89 -2.63 0.01	45.25 -3.20 0.01	49.74 -3.29 0.01	52.58 -3.12 0.00	67.56 -4.39 0.00	59.44 -3.59 0.00	53.03 -2.91 0.00	48.74 -3.00 0.00	42.36 -2.75 0.00	38.77 -2.56 0.00	37.89 -2.29 0.00
NEPA___ENERGY 23901	40.89 -2.29 0.00	37.14 -2.71 0.00	36.96 -2.82 0.00	36.00 -2.71 0.00	35.42 -2.96 0.00	39.26 -4.90 0.02	53.11 -6.70 0.02	61.08 -7.47 0.01	49.64 -5.70 0.02	43.59 -5.17 0.01	39.86 -4.58 0.00	39.05 -4.34 0.00	37.99 -4.51 0.02	39.84 -4.68 0.02	43.26 -5.18 0.02	47.56 -5.46 0.02	50.63 -5.07 0.00	64.89 -7.05 0.00	57.24 -5.80 0.00	51.29 -4.64 0.00	47.08 -4.66 0.00	40.91 -4.19 0.00	37.45 -3.89 0.00	36.68 -3.50 0.00

NEVERSINK___HYD 23608	45.25 2.07 0.00	41.72 1.87 0.00	41.66 1.87 0.00	40.53 1.82 0.00	40.22 1.84 0.00	46.38 2.21 0.00	63.06 3.23 0.00	71.93 3.36 0.00	57.85 2.49 0.00	51.01 2.24 0.00	46.48 2.05 0.00	45.42 2.04 0.00	44.72 2.21 0.00	46.93 2.40 0.00	51.07 2.61 0.00	55.89 2.86 0.00	58.87 3.17 0.00	76.19 4.24 0.00	66.76 3.72 0.00	59.23 3.30 0.00	54.89 3.16 0.00	47.86 2.75 0.00	43.82 2.48 0.00	42.43 2.25 0.00
NEWKRMKL_115KV_TB1 55635	43.65 0.47 0.00	40.37 0.52 0.00	40.31 0.52 0.00	39.33 0.62 0.00	39.03 0.65 0.00	45.06 0.88 0.00	60.97 1.14 0.00	69.87 1.30 0.00	56.35 1.00 0.00	49.69 0.93 0.00	45.28 0.84 0.00	44.21 0.82 0.00	43.41 0.89 0.00	45.46 0.94 0.00	49.62 1.16 0.00	54.31 1.27 0.00	56.87 1.17 0.00	73.60 1.65 0.00	64.49 1.45 0.00	57.22 1.29 0.00	53.03 1.29 0.00	46.28 1.17 0.00	42.37 1.03 0.00	41.18 1.00 0.00
NEWTON___FALLS_HYD 23847	43.99 0.82 0.00	40.69 0.84 0.00	40.62 0.84 0.00	39.33 0.62 0.00	39.15 0.77 0.00	44.97 0.80 0.00	60.97 1.14 0.00	69.80 1.23 0.00	55.91 0.55 0.00	48.91 0.15 0.00	44.48 0.04 0.00	43.21 -0.17 0.00	42.26 -0.26 0.00	44.31 -0.22 0.00	48.31 -0.15 0.00	52.77 -0.27 0.00	55.31 -0.39 0.00	71.30 -0.65 0.00	62.60 -0.44 0.00	55.66 -0.28 0.00	51.48 -0.26 0.00	45.02 -0.09 0.00	41.29 -0.04 0.00	40.18 0.00 0.00
NGRID_A1_DSASP 323792	38.60 -4.58 0.00	34.95 -4.90 0.00	34.81 -4.97 0.00	34.02 -4.68 0.00	33.54 -4.84 0.00	36.77 -7.38 0.03	48.85 -10.95 0.03	56.88 -11.66 0.03	46.64 -8.69 0.03	41.42 -7.31 0.03	37.84 -6.58 0.02	37.07 -6.29 0.02	35.93 -6.55 0.03	37.69 -6.81 0.03	40.58 -7.85 0.03	44.78 -8.22 0.03	47.49 -8.19 0.02	60.63 -11.30 0.02	53.50 -9.52 0.02	49.00 -6.94 0.00	45.06 -6.67 0.00	39.24 -5.86 0.00	35.92 -5.42 0.00	35.32 -4.86 0.00
NGRID_A2_DSASP 323793	38.60 -4.58 0.00	34.95 -4.90 0.00	34.81 -4.97 0.00	34.02 -4.68 0.00	33.54 -4.84 0.00	36.77 -7.38 0.03	48.85 -10.95 0.03	56.88 -11.66 0.03	46.64 -8.69 0.03	41.42 -7.31 0.03	37.84 -6.58 0.02	37.07 -6.29 0.02	35.93 -6.55 0.03	37.69 -6.81 0.03	40.58 -7.85 0.03	44.78 -8.22 0.03	47.49 -8.19 0.02	60.63 -11.30 0.02	53.50 -9.52 0.02	49.00 -6.94 0.00	45.06 -6.67 0.00	39.24 -5.86 0.00	35.92 -5.42 0.00	35.32 -4.86 0.00
NGRID_A4_DSASP 323807	38.60 -4.58 0.00	34.95 -4.90 0.00	34.81 -4.97 0.00	34.02 -4.68 0.00	33.54 -4.84 0.00	36.77 -7.38 0.03	48.85 -10.95 0.03	56.88 -11.66 0.03	46.64 -8.69 0.03	41.42 -7.31 0.03	37.84 -6.58 0.02	37.07 -6.29 0.02	35.93 -6.55 0.03	37.69 -6.81 0.03	40.58 -7.85 0.03	44.78 -8.22 0.03	47.49 -8.19 0.02	60.63 -11.30 0.02	53.50 -9.52 0.02	49.00 -6.94 0.00	45.06 -6.67 0.00	39.24 -5.86 0.00	35.92 -5.42 0.00	35.32 -4.86 0.00
NIAGARA_115E_LBMP 323715	39.76 -3.41 0.00	36.10 -3.75 0.00	36.09 -3.70 0.00	35.11 -3.60 0.00	34.69 -3.68 0.00	37.71 -6.45 0.01	50.18 -9.63 0.02	58.27 -10.29 0.01	47.82 -7.53 0.01	42.27 -6.49 0.01	38.62 -5.82 0.00	37.83 -5.55 0.00	36.72 -5.78 0.01	38.59 -5.92 0.01	41.51 -6.93 0.01	45.81 -7.21 0.01	48.62 -7.07 0.00	62.09 -9.85 0.00	54.71 -8.32 0.00	49.17 -6.77 0.00	45.22 -6.52 0.00	39.33 -5.77 0.00	35.84 -5.50 0.00	35.44 -4.74 0.00
NIAGARA_115W_LBMP 323714	38.43 -4.75 0.00	34.75 -5.10 0.00	34.77 -5.01 0.00	33.87 -4.84 0.00	33.39 -4.99 0.00	36.64 -7.51 0.03	48.55 -11.25 0.04	56.54 -12.00 0.03	46.41 -8.91 0.03	41.18 -7.56 0.03	37.66 -6.75 0.02	36.90 -6.46 0.02	35.77 -6.72 0.03	37.60 -6.90 0.03	40.38 -8.04 0.03	44.57 -8.43 0.03	47.27 -8.41 0.02	60.34 -11.58 0.02	53.19 -9.83 0.02	48.94 -6.99 0.00	45.01 -6.73 0.00	39.15 -5.96 0.00	35.71 -5.62 0.00	35.32 -4.86 0.00
NIAGARA_230_LBMP 323716	39.98 -3.19 0.00	36.26 -3.59 0.00	36.25 -3.54 0.00	35.26 -3.45 0.00	34.81 -3.57 0.00	38.33 -5.83 0.01	51.02 -8.79 0.02	59.24 -9.32 0.01	48.54 -6.81 0.01	42.96 -5.80 0.01	39.24 -5.20 0.00	38.48 -4.90 0.00	37.36 -5.15 0.01	39.22 -5.30 0.01	42.24 -6.20 0.01	46.55 -6.47 0.01	49.41 -6.29 0.00	63.09 -8.85 0.00	55.60 -7.44 0.00	49.84 -6.10 0.00	45.84 -5.90 0.00	39.88 -5.23 0.00	36.37 -4.96 0.00	35.92 -4.26 0.00
NIAGARA___115KV_198_GIBSON 55903	38.38 -4.79 0.00	34.75 -5.10 0.00	34.62 -5.17 0.00	33.87 -4.84 0.00	33.35 -5.03 0.00	36.55 -7.60 0.03	48.56 -11.25 0.03	56.61 -11.93 0.03	46.41 -8.91 0.03	41.23 -7.51 0.03	37.62 -6.80 0.02	36.90 -6.46 0.02	35.76 -6.72 0.03	37.51 -6.99 0.03	40.38 -8.04 0.03	44.52 -8.49 0.03	47.27 -8.41 0.02	60.34 -11.58 0.02	53.18 -9.83 0.02	48.89 -7.05 0.00	44.96 -6.78 0.00	39.15 -5.95 0.00	35.84 -5.50 0.00	35.24 -4.94 0.00
NIAGARA____ 23760	39.98 -3.19 0.00	36.26 -3.59 0.00	36.25 -3.54 0.00	35.26 -3.45 0.00	34.81 -3.57 0.00	38.33 -5.83 0.02	51.01 -8.79 0.02	59.23 -9.32 0.01	48.53 -6.81 0.02	42.95 -5.80 0.01	39.23 -5.20 0.01	38.48 -4.90 0.01	37.35 -5.15 0.02	39.21 -5.30 0.02	42.24 -6.20 0.02	46.54 -6.47 0.02	49.40 -6.29 0.00	63.09 -8.85 0.00	55.59 -7.44 0.00	49.84 -6.10 0.00	45.84 -5.90 0.00	39.88 -5.23 0.00	36.37 -4.96 0.00	35.92 -4.26 0.00
NINE_MILE_1 23575	41.49 -1.68 0.00	38.25 -1.60 0.00	38.20 -1.59 0.00	37.16 -1.55 0.00	36.84 -1.54 0.00	42.28 -1.90 0.00	57.26 -2.57 0.00	65.75 -2.81 0.00	53.20 -2.16 0.00	46.81 -1.95 0.00	42.61 -1.82 0.00	41.69 -1.69 0.00	40.85 -1.66 0.00	42.75 -1.78 0.00	46.52 -1.94 0.00	50.96 -2.07 0.00	53.64 -2.06 0.00	69.21 -2.73 0.00	60.71 -2.33 0.00	53.87 -2.07 0.00	49.77 -1.97 0.00	43.35 -1.76 0.00	39.68 -1.65 0.00	38.65 -1.53 0.00
NINE_MILE_2 23744	41.49 -1.68 0.00	38.25 -1.60 0.00	38.20 -1.59 0.00	37.16 -1.55 0.00	36.84 -1.54 0.00	42.28 -1.90 0.00	57.26 -2.57 0.00	65.75 -2.81 0.00	53.20 -2.16 0.00	46.81 -1.95 0.00	42.61 -1.82 0.00	41.69 -1.69 0.00	40.85 -1.66 0.00	42.79 -1.74 0.00	46.52 -1.94 0.00	50.96 -2.07 0.00	53.64 -2.06 0.00	69.21 -2.73 0.00	60.71 -2.33 0.00	53.87 -2.07 0.00	49.77 -1.97 0.00	43.35 -1.76 0.00	39.68 -1.65 0.00	38.65 -1.53 0.00
NM_CAPITAL___DRP 24208	43.69 0.52 0.00	40.37 0.52 0.00	40.35 0.56 0.00	39.33 0.62 0.00	39.03 0.65 0.00	45.10 0.93 0.00	61.03 1.20 0.00	69.87 1.30 0.00	56.41 1.05 0.00	49.69 0.93 0.00	45.32 0.89 0.00	44.25 0.87 0.00	43.45 0.94 0.00	45.51 0.98 0.00	49.62 1.16 0.00	54.31 1.27 0.00	56.87 1.17 0.00	73.60 1.65 0.00	64.49 1.45 0.00	57.22 1.29 0.00	53.03 1.29 0.00	46.33 1.22 0.00	42.41 1.07 0.00	41.22 1.04 0.00
NM_CENTRAL___DRP 24181	42.22 -0.95 0.00	38.97 -0.88 0.00	38.83 -0.95 0.00	37.82 -0.89 0.00	37.50 -0.88 0.00	43.03 -1.15 0.00	58.34 -1.50 0.00	67.06 -1.51 0.00	54.31 -1.05 0.00	47.79 -0.98 0.00	43.46 -0.98 0.00	42.56 -0.82 0.00	41.70 -0.81 0.00	43.68 -0.85 0.00	47.54 -0.92 0.00	52.08 -0.95 0.00	54.75 -0.95 0.00	70.72 -1.22 0.00	61.97 -1.07 0.00	54.98 -0.95 0.00	50.76 -0.98 0.00	44.21 -0.90 0.00	40.47 -0.87 0.00	39.34 -0.84 0.00

NM_FRONTIER___DRP 24179	38.38 -4.79 0.00	34.75 -5.10 0.00	34.62 -5.17 0.00	33.87 -4.84 0.00	33.35 -5.03 0.00	36.55 -7.60 0.03	48.56 -11.25 0.03	56.61 -11.93 0.03	46.41 -8.91 0.03	41.23 -7.51 0.03	37.62 -6.80 0.02	36.90 -6.46 0.02	35.76 -6.72 0.03	37.51 -6.99 0.03	40.38 -8.04 0.03	44.52 -8.49 0.03	47.27 -8.41 0.02	60.34 -11.58 0.02	53.18 -9.83 0.02	48.89 -7.05 0.00	44.96 -6.78 0.00	39.15 -5.95 0.00	35.84 -5.50 0.00	35.24 -4.94 0.00
NM_ST_REGIS___HYD 24053	44.38 1.21 0.00	40.97 1.12 0.00	40.94 1.15 0.00	39.75 1.05 0.00	39.53 1.15 0.00	45.63 1.46 0.00	61.93 2.09 0.00	70.83 2.26 0.00	56.96 1.61 0.00	49.89 1.12 0.00	45.50 1.07 0.00	44.04 0.65 0.00	42.98 0.47 0.00	44.97 0.45 0.00	49.04 0.58 0.00	53.35 0.32 0.00	55.76 0.06 0.00	71.51 -0.43 0.00	62.60 -0.44 0.00	55.60 -0.34 0.00	51.53 -0.21 0.00	45.15 0.05 0.00	41.50 0.17 0.00	40.38 0.20 0.00
NORTHPORT___1 23551	45.72 2.55 0.00	42.08 2.23 0.00	41.82 2.03 0.00	40.72 2.01 0.00	40.53 2.15 0.00	47.18 3.01 0.00	62.34 2.51 0.00	71.17 2.60 0.00	57.02 1.66 0.00	51.06 2.29 0.00	47.28 2.85 0.00	46.46 3.08 0.00	45.70 3.19 0.00	47.46 2.94 0.00	51.22 2.76 0.00	55.84 2.81 0.00	58.87 3.17 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.18 3.24 0.00	54.63 2.90 0.00	48.72 3.61 0.00	45.26 3.93 0.00	43.59 3.41 0.00
NORTHPORT___2 23552	45.72 2.55 0.00	42.08 2.23 0.00	41.82 2.03 0.00	40.72 2.01 0.00	40.53 2.15 0.00	47.18 3.01 0.00	62.34 2.51 0.00	71.17 2.60 0.00	57.02 1.66 0.00	51.06 2.29 0.00	47.28 2.85 0.00	46.46 3.08 0.00	45.70 3.19 0.00	47.46 2.94 0.00	51.22 2.76 0.00	55.84 2.81 0.00	58.87 3.17 0.00	76.62 4.67 0.00	67.13 4.10 0.00	59.18 3.24 0.00	54.63 2.90 0.00	48.72 3.61 0.00	45.26 3.93 0.00	43.59 3.41 0.00
NORTHPORT___3 23553	45.59 2.42 0.00	41.96 2.11 0.00	41.70 1.91 0.00	40.60 1.90 0.00	40.41 2.03 0.00	47.01 2.83 0.00	61.98 2.15 0.00	70.76 2.19 0.00	56.68 1.33 0.00	50.86 2.10 0.00	47.10 2.67 0.00	46.29 2.91 0.00	45.57 3.06 0.00	47.29 2.76 0.00	50.92 2.47 0.00	55.53 2.49 0.00	58.54 2.84 0.00	76.19 4.24 0.00	66.76 3.72 0.00	58.84 2.91 0.00	54.32 2.59 0.00	48.49 3.38 0.00	45.14 3.80 0.00	43.47 3.30 0.00
NORTHPORT___4 23650	45.59 2.42 0.00	41.96 2.11 0.00	41.70 1.91 0.00	40.60 1.90 0.00	40.41 2.03 0.00	47.01 2.83 0.00	61.98 2.15 0.00	70.76 2.19 0.00	56.68 1.33 0.00	50.86 2.10 0.00	47.10 2.67 0.00	46.29 2.91 0.00	45.57 3.06 0.00	47.29 2.76 0.00	50.92 2.47 0.00	55.53 2.49 0.00	58.54 2.84 0.00	76.19 4.24 0.00	66.76 3.72 0.00	58.84 2.91 0.00	54.32 2.59 0.00	48.49 3.38 0.00	45.14 3.80 0.00	43.47 3.30 0.00
NORTHPORT___IC 23718	45.72 2.55 0.00	42.08 2.23 0.00	41.86 2.07 0.00	40.72 2.01 0.00	40.53 2.15 0.00	47.18 3.00 0.00	62.34 2.51 0.00	71.24 2.67 0.00	56.91 1.55 0.00	51.25 2.49 0.00	47.19 2.75 0.00	46.46 3.08 0.00	45.87 3.36 0.00	47.60 3.07 0.00	51.22 2.76 0.00	55.84 2.81 0.00	58.93 3.23 0.00	76.62 4.68 0.00	67.13 4.10 0.00	59.18 3.24 0.00	54.64 2.90 0.00	48.67 3.56 0.00	45.10 3.76 0.00	43.63 3.46 0.00
NORTH___COUNTRY_ESR 323785	43.48 0.30 0.00	40.13 0.28 0.00	40.15 0.36 0.00	39.01 0.31 0.00	38.76 0.38 0.00	44.80 0.62 0.00	60.79 0.95 0.00	69.53 0.96 0.00	55.97 0.61 0.00	49.20 0.44 0.00	44.83 0.40 0.00	43.52 0.13 0.00	42.51 0.00 0.00	44.31 -0.22 0.00	48.12 -0.34 0.00	52.40 -0.63 0.00	54.87 -0.83 0.00	70.36 -1.58 0.00	61.52 -1.51 0.00	54.54 -1.40 0.00	50.45 -1.29 0.00	43.98 -1.13 0.00	40.39 -0.95 0.00	39.30 -0.88 0.00
NPX_GEN_1385_PROXY 323591	45.50 2.33 0.00	42.00 2.15 0.00	41.74 1.95 0.00	40.64 1.93 0.00	40.45 2.07 0.00	50.60 3.36 -3.07	74.26 2.99 -11.44	80.37 3.16 -8.65	57.02 1.66 0.00	50.96 2.20 0.00	47.19 2.76 0.00	46.25 2.86 0.00	45.61 3.10 0.00	47.38 2.85 0.00	51.12 2.66 0.00	54.41 3.13 1.75	77.88 3.68 -18.50	77.27 5.32 0.00	67.64 4.60 0.00	60.81 3.75 -1.13	56.35 3.36 -1.25	49.08 3.97 0.00	45.14 3.80 0.00	43.51 3.33 0.00
NPX_GEN_CSC 323557	46.07 2.89 0.00	42.44 2.59 0.00	42.18 2.39 0.00	41.11 2.40 0.00	40.95 2.57 0.00	47.71 3.54 0.00	63.30 3.47 0.00	72.27 3.70 0.00	57.74 2.38 0.00	51.40 2.63 0.00	47.68 3.24 0.00	46.81 3.43 0.00	45.95 3.44 0.00	47.82 3.30 0.00	51.80 3.34 0.00	54.68 3.40 1.75	61.35 3.90 -1.75	77.77 5.82 0.00	68.08 5.04 0.00	59.97 4.03 0.00	55.26 3.52 0.00	49.21 4.10 0.00	45.59 4.26 0.00	43.95 3.78 0.00
NSINS_S_GLNS_FALLS 23858	44.56 1.38 0.00	41.20 1.35 0.00	41.14 1.35 0.00	40.02 1.32 0.00	39.72 1.34 0.00	46.08 1.90 0.00	62.34 2.51 0.00	71.65 3.09 0.00	57.46 2.10 0.00	50.52 1.76 0.00	45.86 1.42 0.00	44.69 1.30 0.00	43.79 1.28 0.00	45.86 1.34 0.00	50.15 1.70 0.00	55.00 1.96 0.00	57.48 1.78 0.00	74.75 2.81 0.00	65.56 2.52 0.00	58.12 2.18 0.00	54.01 2.28 0.00	47.14 2.03 0.00	43.15 1.82 0.00	41.83 1.65 0.00
NUCOR_STEEL___DRP 24197	42.66 -0.52 0.00	39.37 -0.48 0.00	39.19 -0.60 0.00	38.16 -0.54 0.00	37.84 -0.54 0.00	43.39 -0.80 0.00	58.94 -0.90 -0.01	67.75 -0.82 0.00	54.81 -0.55 0.00	48.18 -0.59 0.00	43.77 -0.67 0.00	42.86 -0.52 0.00	42.01 -0.51 0.00	44.04 -0.49 0.00	47.93 -0.53 0.00	52.51 -0.53 0.00	55.31 -0.39 0.00	71.44 -0.50 0.00	62.60 -0.44 0.00	55.54 -0.39 0.00	51.27 -0.47 0.00	44.61 -0.50 0.00	40.84 -0.50 0.00	39.70 -0.48 0.00
NUMBER_THREE_WT_PWR 323818	43.95 0.78 0.00	40.73 0.88 0.00	40.58 0.80 0.00	39.25 0.54 0.00	39.07 0.69 0.00	44.93 0.75 0.00	60.85 1.02 0.00	69.60 1.03 0.00	55.47 0.11 0.00	48.48 -0.29 0.00	43.90 -0.53 0.00	42.87 -0.52 0.00	41.96 -0.55 0.00	44.08 -0.45 0.00	48.07 -0.39 0.00	52.72 -0.32 0.00	55.48 -0.22 0.00	71.80 -0.14 0.00	63.10 0.06 0.00	56.10 0.17 0.00	51.74 0.00 0.00	45.02 -0.09 0.00	41.17 -0.16 0.00	40.02 -0.16 0.00
NYISO_LBMP_REFERENCE 24008	43.17 0.00 0.00	39.85 0.00 0.00	39.79 0.00 0.00	38.71 0.00 0.00	38.38 0.00 0.00	44.18 0.00 0.00	59.83 0.00 0.00	68.57 0.00 0.00	55.36 0.00 0.00	48.77 0.00 0.00	44.44 0.00 0.00	43.39 0.00 0.00	42.51 0.00 0.00	44.53 0.00 0.00	48.46 0.00 0.00	53.03 0.00 0.00	55.70 0.00 0.00	71.94 0.00 0.00	63.04 0.00 0.00	55.94 0.00 0.00	51.74 0.00 0.00	45.11 0.00 0.00	41.34 0.00 0.00	40.18 0.00 0.00
NYPA_BRENTWD____GT 24164	46.20 3.02 0.00	42.52 2.67 0.00	42.22 2.43 0.00	41.15 2.44 0.00	40.95 2.57 0.00	47.67 3.49 0.00	63.36 3.53 0.00	72.27 3.70 0.00	57.79 2.43 0.00	51.49 2.73 0.00	47.81 3.38 0.00	46.94 3.56 0.00	46.12 3.61 0.00	48.00 3.48 0.00	51.95 3.49 0.00	56.64 3.61 0.00	59.76 4.06 0.00	77.84 5.90 0.00	68.21 5.17 0.00	60.07 4.14 0.00	55.41 3.67 0.00	49.30 4.20 0.00	45.67 4.34 0.00	44.00 3.82 0.00

NYPA_GOWANUS____GT5 24156	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NYPA_GOWANUS____GT6 24157	46.25 3.07 -0.01	42.65 2.79 -0.01	42.46 2.67 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.72 3.89 0.00	72.34 3.77 0.00	58.51 3.15 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	45.95 3.40 -0.03	47.95 3.38 -0.04	52.33 3.83 -0.04	56.80 3.77 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.79 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.95 3.59 -0.01	43.57 3.38 -0.01
NYPA_HARLEM__RVR__GT1 24160	46.20 3.02 -0.01	42.57 2.71 -0.01	42.42 2.63 -0.01	41.27 2.55 -0.01	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.56 0.00	58.34 2.99 0.01	52.05 3.27 -0.02	47.60 3.16 -0.01	46.52 3.13 -0.01	45.78 3.23 -0.04	47.88 3.30 -0.06	52.10 3.59 -0.06	56.47 3.45 0.01	59.15 3.45 0.01	76.25 4.32 0.01	66.62 3.59 0.01	59.40 3.47 0.01	55.25 3.52 0.01	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
NYPA_HARLEM__RVR__GT2 24161	46.20 3.02 -0.01	42.57 2.71 -0.01	42.42 2.63 -0.01	41.27 2.55 -0.01	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.56 0.00	58.34 2.99 0.01	52.05 3.27 -0.02	47.60 3.16 -0.01	46.52 3.13 -0.01	45.78 3.23 -0.04	47.88 3.30 -0.06	52.10 3.59 -0.06	56.47 3.45 0.01	59.15 3.45 0.01	76.25 4.32 0.01	66.62 3.59 0.01	59.40 3.47 0.01	55.25 3.52 0.01	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
NYPA_KENT____GT 24152	46.08 2.89 -0.01	42.53 2.67 -0.01	42.35 2.55 -0.01	41.19 2.48 0.00	40.92 2.53 -0.01	47.23 3.05 -0.01	63.60 3.77 0.00	72.27 3.70 0.00	58.57 3.21 0.00	52.25 3.46 -0.02	47.79 3.33 -0.02	46.59 3.17 -0.04	45.90 3.36 -0.03	47.95 3.38 -0.04	52.23 3.73 -0.04	56.74 3.71 0.00	59.49 3.79 0.00	76.69 4.75 0.00	67.08 4.04 0.00	59.74 3.81 0.00	55.57 3.83 0.00	48.76 3.65 0.00	44.82 3.47 -0.01	43.41 3.22 -0.01
NYPA_POUCH1____GT 24155	46.30 3.11 -0.01	42.73 2.87 -0.01	42.54 2.74 -0.01	41.38 2.67 -0.01	41.11 2.73 -0.01	47.46 3.27 -0.01	63.60 3.77 0.00	72.13 3.56 0.00	58.35 2.99 0.00	52.30 3.51 -0.02	47.83 3.38 -0.02	46.46 3.04 -0.04	45.90 3.36 -0.03	47.87 3.30 -0.04	52.28 3.78 -0.04	56.74 3.71 0.00	59.32 3.62 0.00	76.55 4.61 0.00	66.95 3.91 0.00	59.63 3.69 0.00	55.62 3.88 0.00	48.99 3.88 0.00	45.03 3.68 -0.01	43.65 3.46 -0.01
NYPA_VERNON____GT2 24162	45.95 2.77 -0.01	42.37 2.51 -0.01	42.22 2.43 -0.01	41.07 2.36 0.00	40.81 2.42 -0.01	47.10 2.91 -0.01	63.54 3.71 0.00	72.27 3.70 0.00	58.57 3.21 0.00	52.15 3.36 -0.02	47.70 3.24 -0.02	46.64 3.21 -0.04	45.82 3.27 -0.03	47.95 3.38 -0.04	52.18 3.68 -0.04	56.74 3.71 0.00	59.43 3.73 0.00	76.62 4.67 0.00	67.01 3.97 0.00	59.68 3.75 0.00	55.51 3.77 0.00	48.63 3.52 0.00	44.69 3.35 -0.01	43.28 3.09 -0.01
NYPA_VERNON____GT3 24163	45.95 2.77 -0.01	42.37 2.51 -0.01	42.22 2.43 -0.01	41.07 2.36 0.00	40.81 2.42 -0.01	47.10 2.91 -0.01	63.54 3.71 0.00	72.27 3.70 0.00	58.57 3.21 0.00	52.15 3.36 -0.02	47.70 3.24 -0.02	46.64 3.21 -0.04	45.82 3.27 -0.03	47.95 3.38 -0.04	52.18 3.68 -0.04	56.74 3.71 0.00	59.43 3.73 0.00	76.62 4.67 0.00	67.01 3.97 0.00	59.68 3.75 0.00	55.51 3.77 0.00	48.63 3.52 0.00	44.69 3.35 -0.01	43.28 3.09 -0.01
NYPA__ASTORIA_CC1 323568	45.95 2.77 -0.01	42.37 2.51 -0.01	42.22 2.43 -0.01	41.07 2.36 0.00	40.81 2.42 -0.01	47.10 2.91 -0.01	63.48 3.65 0.00	72.20 3.63 0.00	58.51 3.15 0.00	52.05 3.27 -0.02	47.66 3.20 -0.02	46.55 3.13 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.64 3.61 0.00	59.38 3.68 0.00	76.48 4.54 0.00	66.88 3.85 0.00	59.57 3.63 0.00	55.41 3.67 0.00	48.58 3.47 0.00	44.65 3.31 -0.01	43.28 3.09 -0.01
NYPA__ASTORIA_CC2 323569	45.95 2.77 -0.01	42.37 2.51 -0.01	42.22 2.43 -0.01	41.07 2.36 0.00	40.81 2.42 -0.01	47.10 2.91 -0.01	63.48 3.65 0.00	72.20 3.63 0.00	58.51 3.15 0.00	52.05 3.27 -0.02	47.66 3.20 -0.02	46.55 3.13 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.64 3.61 0.00	59.38 3.68 0.00	76.48 4.54 0.00	66.88 3.85 0.00	59.57 3.63 0.00	55.41 3.67 0.00	48.58 3.47 0.00	44.65 3.31 -0.01	43.28 3.09 -0.01
NYPA__HOLTSVILL 23794	45.76 2.59 0.00	42.12 2.27 0.00	41.86 2.07 0.00	40.76 2.05 0.00	40.60 2.23 0.00	47.22 3.05 0.00	62.64 2.81 0.00	71.51 2.95 0.00	57.24 1.88 0.00	51.11 2.34 0.00	47.41 2.98 0.00	46.55 3.17 0.00	45.74 3.23 0.00	47.60 3.07 0.00	51.46 3.01 0.00	56.05 3.02 0.00	59.15 3.45 0.00	77.05 5.11 0.00	67.51 4.48 0.00	59.46 3.53 0.00	54.84 3.10 0.00	48.90 3.79 0.00	45.39 4.05 0.00	43.72 3.54 0.00
NYPA____HELLGATE_GT1 24158	46.20 3.02 -0.01	42.57 2.71 -0.01	42.42 2.63 -0.01	41.27 2.55 -0.01	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.56 0.00	58.34 2.99 0.01	52.04 3.27 -0.01	47.61 3.16 -0.02	46.57 3.13 -0.06	45.75 3.23 -0.01	47.84 3.30 -0.01	52.05 3.59 -0.01	56.47 3.45 0.01	59.15 3.45 0.01	76.25 4.32 0.01	66.62 3.59 0.01	59.40 3.47 0.01	55.25 3.52 0.01	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
NYPA____HELLGATE_GT2 24159	46.20 3.02 -0.01	42.57 2.71 -0.01	42.42 2.63 -0.01	41.27 2.55 -0.01	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.56 0.00	58.34 2.99 0.01	52.04 3.27 -0.01	47.61 3.16 -0.02	46.57 3.13 -0.06	45.75 3.23 -0.01	47.84 3.30 -0.01	52.05 3.59 -0.01	56.47 3.45 0.01	59.15 3.45 0.01	76.25 4.32 0.01	66.62 3.59 0.01	59.40 3.47 0.01	55.25 3.52 0.01	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
NYS_BARGE__HYD 23848	40.24 -2.94 0.00	36.54 -3.31 0.00	36.53 -3.26 0.00	35.49 -3.21 0.00	35.08 -3.30 0.00	38.38 -5.79 0.01	51.14 -8.68 0.01	59.37 -9.19 0.01	48.65 -6.70 0.01	42.95 -5.80 0.01	39.19 -5.24 0.00	38.44 -4.95 0.00	37.31 -5.19 0.01	39.17 -5.34 0.01	42.24 -6.20 0.01	46.55 -6.47 0.01	49.40 -6.29 0.00	63.16 -8.78 0.00	55.66 -7.38 0.00	50.06 -5.87 0.00	45.99 -5.74 0.00	39.96 -5.14 0.00	36.42 -4.92 0.00	35.96 -4.22 0.00
OAK ORCHARD__HYD 24046	41.49 -1.68 0.00	37.98 -1.87 0.00	37.92 -1.87 0.00	36.89 -1.82 0.00	36.50 -1.88 0.00	41.08 -3.09 0.01	55.33 -4.49 0.01	64.17 -4.39 0.01	52.20 -3.15 0.01	46.08 -2.68 0.00	41.99 -2.44 0.00	41.22 -2.17 0.00	40.21 -2.30 0.01	42.16 -2.36 0.01	45.54 -2.91 0.01	50.11 -2.92 0.01	53.03 -2.67 0.00	68.13 -3.82 0.00	59.82 -3.21 0.00	53.25 -2.68 0.00	48.99 -2.74 0.00	42.54 -2.57 0.00	38.77 -2.56 0.00	37.93 -2.25 0.00

OAKDALE___35_KV_LOAD 356122	42.96 -0.22 0.00	39.57 -0.28 0.00	39.47 -0.32 0.00	38.40 -0.31 0.00	38.03 -0.35 0.00	43.51 -0.66 0.00	59.05 -0.78 0.00	67.74 -0.82 0.00	54.80 -0.55 0.00	48.23 -0.54 0.00	43.90 -0.53 0.00	42.95 -0.43 0.00	42.08 -0.43 0.00	44.13 -0.40 0.00	48.02 -0.44 0.00	52.61 -0.42 0.00	55.42 -0.28 0.00	71.51 -0.43 0.00	62.72 -0.32 0.00	55.71 -0.22 0.00	51.43 -0.31 0.00	44.79 -0.32 0.00	41.01 -0.33 0.00	39.86 -0.32 0.00
OCC_CHEM___DRP 24175	38.60 -4.58 0.00	34.95 -4.90 0.00	34.81 -4.97 0.00	34.02 -4.68 0.00	33.54 -4.84 0.00	36.77 -7.38 0.03	48.85 -10.95 0.03	56.88 -11.66 0.03	46.64 -8.69 0.03	41.42 -7.31 0.03	37.84 -6.58 0.02	37.07 -6.29 0.02	35.93 -6.55 0.03	37.69 -6.81 0.03	40.58 -7.85 0.03	44.78 -8.22 0.03	47.49 -8.19 0.02	60.63 -11.30 0.02	53.50 -9.52 0.02	49.00 -6.94 0.00	45.06 -6.67 0.00	39.24 -5.86 0.00	35.92 -5.42 0.00	35.32 -4.86 0.00
OH_GEN_PROXY 24063	39.98 -3.19 0.00	36.30 -3.55 0.00	36.29 -3.50 0.00	35.30 -3.41 0.00	34.85 -3.53 0.00	38.42 -5.74 0.01	51.20 -8.61 0.02	59.44 -9.12 0.01	48.70 -6.64 0.01	43.05 -5.71 0.01	39.37 -5.07 0.00	38.57 -4.82 0.00	37.44 -5.06 0.01	39.35 -5.16 0.01	42.39 -6.06 0.01	44.96 -6.31 1.76	51.32 -6.13 -1.75	63.38 -8.56 0.00	55.85 -7.19 0.00	50.00 -5.93 0.00	46.05 -5.69 0.00	40.01 -5.10 0.00	36.50 -4.84 0.00	36.00 -4.18 0.00
OLIN_CORP_DRP 24177	39.76 -3.41 0.00	36.14 -3.71 0.00	36.01 -3.78 0.00	35.15 -3.56 0.00	34.69 -3.68 0.00	37.85 -6.32 0.01	50.48 -9.33 0.02	58.69 -9.87 0.01	47.98 -7.36 0.01	42.52 -6.24 0.01	38.79 -5.64 0.00	38.01 -5.38 0.00	36.93 -5.57 0.01	38.73 -5.79 0.01	41.76 -6.69 0.01	46.02 -7.00 0.01	48.79 -6.91 0.00	62.37 -9.57 0.00	54.97 -8.07 0.00	49.28 -6.66 0.00	45.27 -6.47 0.00	39.42 -5.68 0.00	36.09 -5.25 0.00	35.44 -4.74 0.00
OLIN_CORP_DSASP 323712	38.60 -4.58 0.00	34.95 -4.90 0.00	34.81 -4.97 0.00	34.02 -4.68 0.00	33.54 -4.84 0.00	36.77 -7.38 0.03	48.85 -10.95 0.03	56.88 -11.66 0.03	46.64 -8.69 0.03	41.42 -7.31 0.03	37.84 -6.58 0.02	37.07 -6.29 0.02	35.93 -6.55 0.03	37.69 -6.81 0.03	40.58 -7.85 0.03	44.78 -8.22 0.03	47.49 -8.19 0.02	60.63 -11.30 0.02	53.50 -9.52 0.02	49.00 -6.94 0.00	45.06 -6.67 0.00	39.24 -5.86 0.00	35.92 -5.42 0.00	35.32 -4.86 0.00
ONEIDA_HERK_LFGE 323681	43.95 0.78 0.00	40.69 0.84 0.00	40.58 0.80 0.00	39.32 0.62 0.00	39.07 0.69 0.00	44.97 0.80 0.00	60.91 1.08 0.00	69.80 1.24 0.00	56.02 0.67 0.00	49.11 0.34 0.00	44.57 0.13 0.00	43.56 0.17 0.00	42.68 0.17 0.00	44.84 0.31 0.00	48.84 0.39 0.00	53.62 0.58 0.00	56.37 0.67 0.00	72.88 0.93 0.00	63.98 0.95 0.00	56.83 0.89 0.00	52.41 0.67 0.00	45.56 0.45 0.00	41.71 0.37 0.00	40.54 0.36 0.00
ONEIDA___115KV_TB4 55905	43.95 0.78 0.00	40.65 0.80 0.00	40.54 0.76 0.00	39.33 0.62 0.00	39.07 0.69 0.00	44.93 0.75 0.00	61.03 1.20 0.00	69.94 1.37 0.00	56.41 1.05 0.00	49.45 0.68 0.00	44.88 0.44 0.00	43.86 0.48 0.00	43.02 0.51 0.00	45.20 0.67 0.00	49.23 0.78 0.00	54.04 1.01 0.00	56.87 1.17 0.00	73.45 1.51 0.00	64.42 1.39 0.00	57.17 1.23 0.00	52.77 1.03 0.00	45.83 0.72 0.00	41.91 0.58 0.00	40.74 0.56 0.00
ONONDAGA_REF_OCCRA 23987	42.44 -0.73 0.00	39.17 -0.68 0.00	39.03 -0.76 0.00	37.97 -0.74 0.00	37.69 -0.69 0.00	43.25 -0.93 0.00	58.70 -1.14 0.00	67.47 -1.10 0.00	54.59 -0.78 0.00	47.99 -0.78 0.00	43.68 -0.76 0.00	42.73 -0.65 0.00	41.88 -0.64 0.00	43.86 -0.67 0.00	47.73 -0.73 0.00	52.35 -0.69 0.00	55.09 -0.61 0.00	71.15 -0.79 0.00	62.34 -0.69 0.00	55.32 -0.62 0.00	51.07 -0.67 0.00	44.48 -0.63 0.00	40.72 -0.62 0.00	39.54 -0.64 0.00
ONONDAGA___COGEN 23986	42.44 -0.73 0.00	39.17 -0.68 0.00	39.03 -0.76 0.00	38.01 -0.70 0.00	37.69 -0.69 0.00	43.29 -0.88 0.00	58.69 -1.14 0.00	67.47 -1.10 0.00	54.64 -0.72 0.00	48.03 -0.73 0.00	43.68 -0.76 0.00	42.78 -0.61 0.00	41.92 -0.60 0.00	43.91 -0.62 0.00	47.78 -0.68 0.00	52.34 -0.69 0.00	55.09 -0.61 0.00	71.15 -0.79 0.00	62.28 -0.76 0.00	55.26 -0.67 0.00	51.07 -0.67 0.00	44.43 -0.68 0.00	40.72 -0.62 0.00	39.54 -0.64 0.00
ONTARIO___LFGE 23819	42.01 -1.16 0.00	38.66 -1.19 0.00	38.51 -1.27 0.00	37.51 -1.20 0.00	37.15 -1.23 0.00	42.32 -1.85 0.00	57.37 -2.46 0.00	66.23 -2.33 0.00	53.75 -1.61 0.00	47.30 -1.46 0.00	43.01 -1.42 0.00	42.17 -1.21 0.00	41.24 -1.27 0.00	43.28 -1.25 0.00	46.90 -1.55 0.00	51.49 -1.54 0.00	54.36 -1.34 0.00	70.07 -1.87 0.00	61.40 -1.64 0.00	54.54 -1.40 0.00	50.24 -1.50 0.00	43.66 -1.45 0.00	39.85 -1.49 0.00	38.81 -1.37 0.00
ORANGEVILLE_WT_PWR 323706	40.76 -2.42 0.00	37.02 -2.83 0.00	36.92 -2.87 0.00	35.84 -2.86 0.00	35.19 -3.18 0.00	38.85 -5.30 0.02	52.14 -7.66 0.03	59.98 -8.57 0.01	48.81 -6.53 0.02	42.80 -5.95 0.01	38.97 -5.47 0.00	38.18 -5.21 0.00	37.09 -5.40 0.02	38.99 -5.52 0.02	42.33 -6.11 0.02	46.54 -6.47 0.02	49.30 -6.40 0.00	63.53 -8.42 0.00	55.98 -7.06 0.00	50.06 -5.87 0.00	46.10 -5.64 0.00	40.06 -5.05 0.00	36.58 -4.75 0.00	36.00 -4.18 0.00
ORANGEVILLE___ESR 323794	40.76 -2.42 0.00	37.02 -2.83 0.00	36.92 -2.87 0.00	35.84 -2.86 0.00	35.19 -3.18 0.00	38.85 -5.30 0.02	52.14 -7.66 0.03	59.98 -8.57 0.01	48.81 -6.53 0.02	42.80 -5.95 0.01	38.97 -5.47 0.00	38.18 -5.21 0.00	37.09 -5.40 0.02	38.99 -5.52 0.02	42.33 -6.11 0.02	46.54 -6.47 0.02	49.30 -6.40 0.00	63.53 -8.42 0.00	55.98 -7.06 0.00	50.06 -5.87 0.00	46.10 -5.64 0.00	40.06 -5.05 0.00	36.58 -4.75 0.00	36.00 -4.18 0.00
OSWEGATCHIE___HYD 24044	43.99 0.82 0.00	40.69 0.84 0.00	40.62 0.84 0.00	39.32 0.62 0.00	39.15 0.77 0.00	44.97 0.80 0.00	60.97 1.13 0.00	69.80 1.24 0.00	55.91 0.55 0.00	48.91 0.15 0.00	44.44 0.00 0.00	43.21 -0.17 0.00	42.30 -0.21 0.00	44.31 -0.22 0.00	48.31 -0.14 0.00	52.77 -0.26 0.00	55.31 -0.39 0.00	71.30 -0.65 0.00	62.60 -0.44 0.00	55.66 -0.28 0.00	51.48 -0.26 0.00	45.02 -0.09 0.00	41.29 -0.04 0.00	40.18 0.00 0.00
OSWEGO___5 23606	41.79 -1.38 0.00	38.57 -1.28 0.00	38.48 -1.31 0.00	37.43 -1.28 0.00	37.11 -1.27 0.00	42.59 -1.59 0.00	57.68 -2.15 0.00	66.24 -2.33 0.00	53.58 -1.77 0.00	47.16 -1.61 0.00	42.97 -1.47 0.00	42.00 -1.39 0.00	41.15 -1.36 0.00	43.10 -1.43 0.00	46.86 -1.60 0.00	51.39 -1.64 0.00	54.03 -1.67 0.00	69.79 -2.16 0.00	61.15 -1.89 0.00	54.31 -1.62 0.00	50.13 -1.60 0.00	43.66 -1.45 0.00	40.01 -1.32 0.00	38.93 -1.25 0.00
OSWEGO___6 23613	41.79 -1.38 0.00	38.57 -1.28 0.00	38.48 -1.31 0.00	37.43 -1.28 0.00	37.11 -1.27 0.00	42.59 -1.59 0.00	57.68 -2.15 0.00	66.24 -2.33 0.00	53.58 -1.77 0.00	47.16 -1.61 0.00	42.97 -1.47 0.00	42.00 -1.39 0.00	41.15 -1.36 0.00	43.10 -1.43 0.00	46.86 -1.60 0.00	51.39 -1.64 0.00	54.03 -1.67 0.00	69.79 -2.16 0.00	61.15 -1.89 0.00	54.31 -1.62 0.00	50.13 -1.60 0.00	43.66 -1.45 0.00	40.01 -1.32 0.00	38.93 -1.25 0.00

OUTOKUMPU-AB___DRP 24206	40.02 -3.15 0.00	36.30 -3.55 0.00	36.13 -3.66 0.00	35.26 -3.44 0.00	34.73 -3.65 0.00	38.15 -6.01 0.02	50.97 -8.86 0.01	59.16 -9.39 0.01	48.37 -6.98 0.02	42.80 -5.95 0.01	39.01 -5.42 0.01	38.26 -5.12 0.01	37.14 -5.36 0.02	38.95 -5.57 0.02	42.04 -6.40 0.02	46.28 -6.74 0.02	49.12 -6.57 0.01	62.80 -9.14 0.01	55.34 -7.69 0.01	50.17 -5.76 0.00	46.10 -5.64 0.00	40.06 -5.05 0.00	36.67 -4.67 0.00	36.00 -4.18 0.00
OXBOW___BTM 323836	39.37 -3.80 0.00	35.67 -4.18 0.00	35.69 -4.10 0.00	34.68 -4.03 0.00	34.20 -4.18 0.00	37.57 -6.58 0.02	49.95 -9.87 0.01	58.06 -10.49 0.02	47.64 -7.69 0.02	42.11 -6.63 0.02	38.47 -5.95 0.01	37.73 -5.64 0.01	36.58 -5.91 0.02	38.45 -6.06 0.02	41.36 -7.08 0.02	45.64 -7.37 0.02	48.45 -7.24 0.01	61.79 -10.14 0.01	54.45 -8.57 0.01	49.72 -6.21 0.00	45.69 -6.05 0.00	39.69 -5.41 0.00	36.21 -5.13 0.00	35.76 -4.42 0.00
OXBOW___ 24026	39.38 -3.80 0.00	35.67 -4.18 0.00	35.53 -4.26 0.00	34.68 -4.03 0.00	34.16 -4.22 0.00	37.48 -6.67 0.02	50.01 -9.81 0.00	58.13 -10.42 0.02	47.58 -7.75 0.02	42.16 -6.58 0.02	38.47 -5.95 0.01	37.73 -5.64 0.01	36.58 -5.91 0.02	38.40 -6.10 0.02	41.36 -7.07 0.02	45.58 -7.42 0.02	48.39 -7.30 0.01	61.79 -10.14 0.01	54.45 -8.57 0.01	49.67 -6.26 0.00	45.63 -6.11 0.00	39.69 -5.41 0.00	36.33 -5.00 0.00	35.72 -4.46 0.00
OXY_CHEM_DSASP 323612	38.60 -4.58 0.00	34.95 -4.90 0.00	34.81 -4.97 0.00	34.02 -4.68 0.00	33.54 -4.84 0.00	36.77 -7.38 0.03	48.85 -10.95 0.03	56.88 -11.66 0.03	46.64 -8.69 0.03	41.42 -7.31 0.03	37.84 -6.58 0.02	37.07 -6.29 0.02	35.93 -6.55 0.03	37.69 -6.81 0.03	40.58 -7.85 0.03	44.78 -8.22 0.03	47.49 -8.19 0.02	60.63 -11.30 0.02	53.50 -9.52 0.02	49.00 -6.94 0.00	45.06 -6.67 0.00	39.24 -5.86 0.00	35.92 -5.42 0.00	35.32 -4.86 0.00
OZONE_PARK_ESR 323760	45.99 2.81 -0.01	42.41 2.55 -0.01	42.25 2.47 0.00	41.07 2.36 0.00	40.80 2.42 0.00	47.14 2.96 -0.01	63.96 4.13 0.00	73.09 4.53 0.00	59.12 3.76 0.00	52.49 3.71 -0.02	47.96 3.51 -0.02	46.98 3.56 -0.03	46.11 3.57 -0.03	48.30 3.74 -0.03	52.46 3.97 -0.03	57.17 4.14 0.00	60.04 4.34 0.00	77.48 5.54 0.00	67.77 4.73 0.00	60.24 4.31 0.00	55.93 4.19 0.00	48.81 3.70 0.00	44.77 3.43 -0.01	43.40 3.21 -0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.60 -4.58 0.00	34.95 -4.90 0.00	34.81 -4.97 0.00	34.02 -4.68 0.00	33.54 -4.84 0.00	36.77 -7.38 0.03	48.85 -10.95 0.03	56.88 -11.66 0.03	46.64 -8.69 0.03	41.42 -7.31 0.03	37.84 -6.58 0.02	37.07 -6.29 0.02	35.93 -6.55 0.03	37.69 -6.81 0.03	40.58 -7.85 0.03	44.78 -8.22 0.03	47.49 -8.19 0.02	60.63 -11.30 0.02	53.50 -9.52 0.02	49.00 -6.94 0.00	45.06 -6.67 0.00	39.24 -5.86 0.00	35.92 -5.42 0.00	35.32 -4.86 0.00
PACKARD___115KV_DUPONT_184 80571	38.60 -4.58 0.00	34.95 -4.90 0.00	34.97 -4.82 0.00	34.02 -4.68 0.00	33.58 -4.80 0.00	36.86 -7.29 0.03	48.84 -10.95 0.04	56.81 -11.73 0.03	46.69 -8.63 0.03	41.37 -7.37 0.03	37.84 -6.58 0.02	37.07 -6.29 0.02	35.98 -6.50 0.03	37.77 -6.73 0.03	40.58 -7.85 0.03	44.78 -8.22 0.03	47.55 -8.13 0.02	60.63 -11.29 0.02	53.50 -9.52 0.02	49.05 -6.88 0.00	45.12 -6.62 0.00	39.24 -5.86 0.00	35.80 -5.54 0.00	35.40 -4.78 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.12 2.94 -0.01	42.53 2.67 -0.01	42.42 2.63 -0.01	41.22 2.52 0.00	40.92 2.53 -0.01	47.28 3.09 -0.01	63.60 3.77 0.00	72.06 3.50 0.00	58.29 2.93 0.00	51.90 3.12 -0.01	47.42 2.98 -0.01	46.35 2.95 -0.01	45.58 3.06 -0.01	47.70 3.16 -0.01	51.81 3.34 -0.01	56.43 3.39 0.00	59.15 3.45 0.00	76.19 4.24 0.00	66.57 3.53 0.00	59.35 3.41 0.00	55.20 3.47 0.00	48.49 3.38 0.00	44.61 3.27 -0.01	43.28 3.09 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.64 3.45 -0.01	43.01 3.15 -0.01	42.94 3.14 -0.01	41.69 2.98 0.00	41.42 3.03 -0.01	47.81 3.62 -0.01	64.38 4.55 0.00	72.89 4.32 0.00	58.96 3.60 0.00	52.43 3.66 -0.01	47.87 3.42 -0.01	46.78 3.38 -0.01	46.01 3.49 -0.01	48.15 3.61 -0.01	52.29 3.83 -0.01	56.96 3.92 0.00	59.77 4.07 0.00	76.91 4.96 0.00	67.26 4.22 0.00	59.96 4.03 0.00	55.77 4.04 0.00	48.99 3.88 0.00	45.06 3.72 -0.01	43.72 3.54 -0.01
PATROON___115KV_TB1 80586	43.74 0.56 0.00	40.45 0.60 0.00	40.42 0.64 0.00	39.40 0.70 0.00	39.11 0.73 0.00	45.15 0.97 0.00	61.15 1.32 0.00	70.08 1.51 0.00	56.52 1.16 0.00	49.79 1.02 0.00	45.41 0.98 0.00	44.34 0.95 0.00	43.53 1.02 0.00	45.60 1.07 0.00	49.72 1.26 0.00	54.46 1.43 0.00	56.98 1.28 0.00	73.74 1.80 0.00	64.61 1.58 0.00	57.33 1.40 0.00	53.14 1.40 0.00	46.37 1.26 0.00	42.49 1.16 0.00	41.26 1.08 0.00
PATTRSNVILLE___SOLAR 323815	44.08 0.91 0.00	40.73 0.88 0.00	40.66 0.87 0.00	39.60 0.89 0.00	39.26 0.88 0.00	45.41 1.24 0.00	61.50 1.67 0.00	70.42 1.85 0.00	56.30 0.94 0.00	49.35 0.59 0.00	44.83 0.40 0.00	43.69 0.31 0.00	42.81 0.30 0.00	45.02 0.49 0.00	49.33 0.87 0.00	54.30 1.27 0.00	56.92 1.22 0.00	73.96 2.01 0.00	64.87 1.83 0.00	57.56 1.62 0.00	53.29 1.55 0.00	46.46 1.35 0.00	42.62 1.28 0.00	41.30 1.12 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.54 -2.63 0.00	36.82 -3.03 0.00	36.64 -3.14 0.00	35.73 -2.98 0.00	35.12 -3.26 0.00	38.99 -5.17 0.02	52.87 -6.94 0.02	60.53 -8.02 0.01	49.42 -5.92 0.02	43.34 -5.41 0.01	39.59 -4.84 0.00	38.79 -4.60 0.00	37.78 -4.72 0.02	39.66 -4.85 0.02	43.31 -5.14 0.02	47.18 -5.83 0.02	50.07 -5.63 0.00	64.17 -7.77 0.00	56.48 -6.56 0.00	50.73 -5.20 0.00	46.56 -5.17 0.00	40.46 -4.65 0.00	37.04 -4.30 0.00	36.20 -3.98 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.51 2.33 0.00	41.96 2.11 0.00	41.90 2.11 0.00	40.76 2.05 0.00	40.45 2.07 0.00	46.69 2.52 0.00	63.48 3.65 0.00	72.34 3.77 0.00	58.51 3.16 0.00	51.79 3.02 0.00	47.23 2.80 0.00	46.12 2.73 0.00	45.36 2.85 0.00	47.60 3.07 0.00	51.75 3.30 0.00	56.43 3.39 0.00	59.10 3.40 0.00	76.62 4.68 0.00	67.13 4.10 0.00	59.63 3.69 0.00	55.26 3.52 0.00	48.17 3.07 0.00	44.11 2.77 0.00	42.79 2.61 0.00
PEEKSKILL___ 23653	45.20 2.03 0.00	41.64 1.79 0.00	41.54 1.75 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.34 2.16 0.00	62.88 3.05 0.00	71.79 3.22 0.00	58.02 2.66 0.00	51.40 2.63 0.00	47.01 2.58 0.00	45.95 2.56 0.00	45.15 2.64 0.00	47.29 2.76 0.00	51.41 2.96 0.00	56.05 3.02 0.00	58.82 3.12 0.00	76.11 4.17 0.00	66.63 3.59 0.00	59.18 3.24 0.00	54.84 3.10 0.00	47.90 2.80 0.00	43.94 2.61 0.00	42.59 2.41 0.00
PGE MADISON___WINDPWR 24146	45.59 2.42 0.00	42.20 2.35 0.00	41.94 2.15 0.00	40.41 1.70 0.00	40.18 1.80 0.00	46.00 1.81 -0.01	62.54 2.69 -0.02	71.53 2.95 -0.01	57.53 2.16 -0.01	49.95 1.17 -0.01	44.88 0.44 0.00	43.82 0.43 0.00	42.95 0.43 -0.01	45.35 0.80 -0.01	49.59 1.11 -0.01	54.74 1.70 -0.01	57.82 2.12 0.00	75.33 3.38 0.00	66.00 2.96 0.00	58.68 2.74 0.00	54.07 2.33 0.00	46.51 1.40 0.00	42.58 1.24 0.00	41.47 1.29 0.00

PIERCEFIELD___HYD 23852	44.43 1.25 0.00	41.05 1.20 0.00	41.02 1.23 0.00	39.79 1.08 0.00	39.53 1.15 0.00	45.59 1.41 0.00	61.87 2.03 0.00	70.76 2.19 0.00	56.91 1.55 0.00	49.84 1.07 0.00	45.41 0.98 0.00	44.04 0.65 0.00	42.98 0.47 0.00	45.02 0.49 0.00	49.09 0.63 0.00	53.40 0.37 0.00	55.76 0.06 0.00	71.51 -0.43 0.00	62.72 -0.32 0.00	55.71 -0.22 0.00	51.64 -0.10 0.00	45.29 0.18 0.00	41.63 0.29 0.00	40.54 0.36 0.00
PINELAWN_CC_1 323563	45.94 2.77 0.00	42.28 2.43 0.00	41.97 2.19 0.00	40.87 2.17 0.00	40.68 2.30 0.00	47.31 3.14 0.00	63.00 3.17 0.00	71.93 3.36 0.00	57.57 2.22 0.00	51.35 2.58 0.00	47.59 3.16 0.00	46.72 3.34 0.00	45.91 3.40 0.00	47.82 3.30 0.00	51.70 3.25 0.00	56.38 3.34 0.00	59.49 3.79 0.00	77.48 5.54 0.00	67.83 4.79 0.00	59.85 3.91 0.00	55.21 3.47 0.00	49.03 3.92 0.00	45.39 4.05 0.00	43.72 3.54 0.00
PJM_GEN_HTTP_PROXY 323702	45.64 2.46 0.00	42.08 2.23 0.00	41.94 2.15 0.00	40.80 2.09 0.00	40.49 2.11 0.00	46.79 2.61 0.00	63.48 3.65 0.00	72.47 3.91 0.00	58.57 3.21 0.00	52.00 3.22 -0.01	47.56 3.11 -0.01	46.58 3.17 -0.03	45.72 3.19 -0.02	47.90 3.34 -0.03	52.02 3.54 -0.03	54.89 3.61 1.75	61.18 3.73 -1.75	76.84 4.89 0.00	67.13 4.10 0.00	59.68 3.75 0.00	55.36 3.62 0.00	48.36 3.25 0.00	44.40 3.06 0.00	43.00 2.81 0.00
PJM_GEN_KEystone 24065	42.70 -0.47 0.00	39.09 -0.76 0.00	38.99 -0.80 0.00	37.97 -0.74 0.00	37.57 -0.81 0.00	42.62 -1.55 0.01	57.72 -2.10 0.01	66.16 -2.40 0.01	53.58 -1.77 0.01	47.30 -1.46 0.00	43.28 -1.16 0.00	42.35 -1.04 0.00	41.40 -1.11 0.01	43.41 -1.11 0.01	47.14 -1.31 0.01	49.85 -1.43 1.76	56.28 -1.17 -1.75	70.22 -1.73 0.00	61.65 -1.39 0.00	54.93 -1.01 0.00	50.70 -1.03 0.00	44.21 -0.90 0.00	40.47 -0.87 0.00	39.42 -0.76 0.00
PJM_GEN_NEPTUNE_PROXY 323594	45.50 2.33 0.00	41.92 2.07 0.00	41.66 1.87 0.00	40.56 1.86 0.00	40.33 1.96 0.00	46.87 2.70 0.00	62.46 2.63 0.00	71.24 2.67 0.00	57.18 1.82 0.00	51.06 2.29 0.00	47.19 2.76 0.00	46.37 2.99 0.00	45.57 3.06 0.00	47.46 2.94 0.00	51.31 2.86 0.00	54.20 2.91 1.75	60.68 3.23 -1.75	76.62 4.67 0.00	67.08 4.04 0.00	59.23 3.30 0.00	54.69 2.95 0.00	48.53 3.43 0.00	44.89 3.56 0.00	43.27 3.09 0.00
PJM_GEN_VFT_PROXY 323633	45.55 2.37 -0.01	42.05 2.19 -0.01	41.86 2.07 0.00	40.72 2.01 0.00	40.45 2.07 0.00	46.70 2.52 -0.01	63.36 3.53 0.00	72.41 3.84 0.00	58.57 3.21 0.00	52.00 3.22 -0.02	47.56 3.11 -0.02	46.63 3.21 -0.03	45.73 3.19 -0.03	47.95 3.38 -0.03	52.03 3.54 -0.03	54.78 3.50 1.75	61.07 3.62 -1.75	76.62 4.67 0.00	67.01 3.97 0.00	59.57 3.63 0.00	55.31 3.57 0.00	48.31 3.20 0.00	44.36 3.02 -0.01	42.96 2.77 -0.01
PLATSBURG_115KV_PMLD1 355749	43.69 0.52 0.00	40.33 0.48 0.00	40.31 0.52 0.00	39.21 0.50 0.00	38.95 0.58 0.00	45.02 0.84 0.00	61.09 1.26 0.00	69.94 1.37 0.00	56.30 0.94 0.00	49.45 0.68 0.00	45.06 0.62 0.00	43.69 0.30 0.00	42.64 0.13 0.00	44.48 -0.04 0.00	48.31 -0.15 0.00	52.61 -0.42 0.00	55.09 -0.61 0.00	70.65 -1.29 0.00	61.71 -1.32 0.00	54.70 -1.23 0.00	50.60 -1.14 0.00	44.11 -0.99 0.00	40.51 -0.83 0.00	39.46 -0.72 0.00
PLEASANTVLY___LBMP 24000	44.90 1.73 0.00	41.40 1.55 0.00	41.34 1.55 0.00	40.18 1.47 0.00	39.87 1.50 0.00	46.08 1.90 0.00	62.40 2.57 0.00	71.38 2.81 0.00	57.63 2.27 0.00	51.11 2.34 0.00	46.66 2.22 0.00	45.64 2.26 0.00	44.85 2.34 0.00	46.98 2.45 0.00	51.03 2.57 0.00	55.68 2.65 0.00	58.43 2.73 0.00	75.54 3.60 0.00	66.13 3.09 0.00	58.73 2.80 0.00	54.48 2.74 0.00	47.59 2.48 0.00	43.61 2.27 0.00	42.31 2.13 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.33 2.16 0.00	41.80 1.95 0.00	41.70 1.91 0.00	40.53 1.82 0.00	40.22 1.84 0.00	46.52 2.34 0.00	63.06 3.23 0.00	72.00 3.43 0.00	58.24 2.88 0.00	51.64 2.88 0.00	47.15 2.71 0.00	46.16 2.78 0.00	45.36 2.85 0.00	47.47 2.94 0.00	51.60 3.15 0.00	56.27 3.24 0.00	58.99 3.29 0.00	76.33 4.39 0.00	66.76 3.72 0.00	59.35 3.41 0.00	55.00 3.26 0.00	48.04 2.93 0.00	44.06 2.73 0.00	42.71 2.53 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.33 2.16 0.00	41.80 1.95 0.00	41.70 1.91 0.00	40.53 1.82 0.00	40.22 1.84 0.00	46.52 2.34 0.00	63.06 3.23 0.00	72.00 3.43 0.00	58.24 2.88 0.00	51.64 2.88 0.00	47.15 2.71 0.00	46.16 2.78 0.00	45.36 2.85 0.00	47.47 2.94 0.00	51.60 3.15 0.00	56.27 3.24 0.00	58.99 3.29 0.00	76.33 4.39 0.00	66.76 3.72 0.00	59.35 3.41 0.00	55.00 3.26 0.00	48.04 2.93 0.00	44.06 2.73 0.00	42.71 2.53 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.16 1.99 0.00	41.64 1.79 0.00	41.58 1.79 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.39 2.21 0.00	62.88 3.05 0.00	71.79 3.22 0.00	57.90 2.55 0.00	51.25 2.49 0.00	46.70 2.27 0.00	45.64 2.26 0.00	44.98 2.47 0.00	47.11 2.58 0.00	51.27 2.81 0.00	55.95 2.92 0.00	58.82 3.12 0.00	76.12 4.17 0.00	66.63 3.59 0.00	59.12 3.19 0.00	54.84 3.10 0.00	47.86 2.75 0.00	43.86 2.52 0.00	42.51 2.33 0.00
POLETTI____ 23519	46.20 3.02 -0.01	42.61 2.75 -0.01	42.46 2.67 -0.01	41.26 2.55 0.00	40.96 2.57 -0.01	47.32 3.14 -0.01	63.66 3.83 0.00	72.13 3.57 0.00	58.40 3.04 0.00	52.14 3.36 -0.01	47.64 3.20 -0.01	46.59 3.17 -0.03	45.85 3.32 -0.03	47.95 3.38 -0.03	52.13 3.63 -0.03	56.48 3.45 0.00	59.21 3.51 0.00	76.26 4.32 0.00	66.69 3.66 0.00	59.46 3.52 0.00	55.31 3.57 0.00	48.58 3.47 0.00	44.69 3.35 -0.01	43.36 3.17 -0.01
POMONA___ESR 323819	45.25 2.07 0.00	41.72 1.87 0.00	41.62 1.83 0.00	40.49 1.78 0.00	40.18 1.80 0.00	46.43 2.25 0.00	63.12 3.29 0.00	72.13 3.56 0.00	58.18 2.82 0.00	51.54 2.78 0.00	47.15 2.71 0.00	46.08 2.69 0.00	45.32 2.81 0.00	47.51 2.98 0.00	51.65 3.20 0.00	56.38 3.34 0.00	59.15 3.45 0.00	76.55 4.61 0.00	66.95 3.91 0.00	59.46 3.53 0.00	55.10 3.36 0.00	48.13 3.02 0.00	44.15 2.81 0.00	42.75 2.57 0.00
PORT_JEFF_3 23555	45.85 2.68 0.00	42.20 2.35 0.00	41.94 2.15 0.00	40.87 2.17 0.00	40.68 2.30 0.00	47.36 3.18 0.00	62.76 2.93 0.00	71.66 3.09 0.00	57.35 1.99 0.00	51.20 2.44 0.00	47.50 3.06 0.00	46.64 3.26 0.00	45.87 3.36 0.00	47.69 3.16 0.00	51.60 3.15 0.00	56.21 3.18 0.00	59.32 3.62 0.00	77.27 5.32 0.00	67.70 4.66 0.00	59.63 3.69 0.00	55.00 3.26 0.00	48.99 3.88 0.00	45.47 4.13 0.00	43.80 3.62 0.00
PORT_JEFF_4 23616	45.85 2.68 0.00	42.20 2.35 0.00	41.94 2.15 0.00	40.87 2.17 0.00	40.68 2.30 0.00	47.36 3.18 0.00	62.76 2.93 0.00	71.66 3.09 0.00	57.35 1.99 0.00	51.20 2.44 0.00	47.50 3.06 0.00	46.64 3.26 0.00	45.87 3.36 0.00	47.69 3.16 0.00	51.60 3.15 0.00	56.21 3.18 0.00	59.32 3.62 0.00	77.27 5.32 0.00	67.70 4.66 0.00	59.63 3.69 0.00	55.00 3.26 0.00	48.99 3.88 0.00	45.47 4.13 0.00	43.80 3.62 0.00

PORT_JEFF_IC 23713	45.89 2.72 0.00	42.24 2.39 0.00	42.02 2.23 0.00	40.91 2.21 0.00	40.72 2.34 0.00	47.40 3.22 0.00	62.88 3.05 0.00	71.86 3.29 0.00	57.35 1.99 0.00	51.45 2.68 0.00	47.46 3.02 0.00	46.72 3.34 0.00	46.04 3.53 0.00	47.91 3.38 0.00	51.70 3.25 0.00	56.32 3.29 0.00	59.49 3.79 0.00	77.41 5.47 0.00	67.83 4.79 0.00	59.74 3.80 0.00	55.10 3.36 0.00	49.03 3.92 0.00	45.39 4.05 0.00	43.88 3.70 0.00
PPL PILGRIM_ST_GT1 24216	46.20 3.02 0.00	42.52 2.67 0.00	42.22 2.43 0.00	41.15 2.44 0.00	40.95 2.57 0.00	47.67 3.49 0.00	63.36 3.53 0.00	72.27 3.70 0.00	57.79 2.43 0.00	51.49 2.73 0.00	47.81 3.38 0.00	46.94 3.56 0.00	46.12 3.61 0.00	48.00 3.48 0.00	51.95 3.49 0.00	56.64 3.61 0.00	59.76 4.06 0.00	77.84 5.90 0.00	68.21 5.17 0.00	60.07 4.14 0.00	55.41 3.67 0.00	49.30 4.20 0.00	45.67 4.34 0.00	44.00 3.82 0.00
PPL PILGRIM_ST_GT2 24217	46.20 3.02 0.00	42.52 2.67 0.00	42.22 2.43 0.00	41.15 2.44 0.00	40.95 2.57 0.00	47.67 3.49 0.00	63.36 3.53 0.00	72.27 3.70 0.00	57.79 2.43 0.00	51.49 2.73 0.00	47.81 3.38 0.00	46.94 3.56 0.00	46.12 3.61 0.00	48.00 3.48 0.00	51.95 3.49 0.00	56.64 3.61 0.00	59.76 4.06 0.00	77.84 5.90 0.00	68.21 5.17 0.00	60.07 4.14 0.00	55.41 3.67 0.00	49.30 4.20 0.00	45.67 4.34 0.00	44.00 3.82 0.00
PPL_SHRM_GT3 24213	46.07 2.89 0.00	42.40 2.55 0.00	42.18 2.39 0.00	41.11 2.40 0.00	40.95 2.57 0.00	47.67 3.49 0.00	63.30 3.47 0.00	72.20 3.63 0.00	57.68 2.32 0.00	51.40 2.63 0.00	47.68 3.24 0.00	46.77 3.39 0.00	45.95 3.44 0.00	47.82 3.30 0.00	51.80 3.34 0.00	56.38 3.34 0.00	59.60 3.90 0.00	77.77 5.82 0.00	68.08 5.04 0.00	59.97 4.03 0.00	55.26 3.52 0.00	49.21 4.10 0.00	45.63 4.30 0.00	43.95 3.78 0.00
PPL_SHRM_GT4 24214	46.07 2.89 0.00	42.40 2.55 0.00	42.18 2.39 0.00	41.11 2.40 0.00	40.95 2.57 0.00	47.67 3.49 0.00	63.30 3.47 0.00	72.20 3.63 0.00	57.68 2.32 0.00	51.40 2.63 0.00	47.68 3.24 0.00	46.77 3.39 0.00	45.95 3.44 0.00	47.82 3.30 0.00	51.80 3.34 0.00	56.38 3.34 0.00	59.60 3.90 0.00	77.77 5.82 0.00	68.08 5.04 0.00	59.97 4.03 0.00	55.26 3.52 0.00	49.21 4.10 0.00	45.63 4.30 0.00	43.95 3.78 0.00
PROJECT___ORANGE 1 24174	42.22 -0.95 0.00	38.97 -0.88 0.00	38.83 -0.95 0.00	37.82 -0.89 0.00	37.50 -0.88 0.00	43.03 -1.15 0.00	58.34 -1.50 0.00	67.06 -1.51 0.00	54.31 -1.05 0.00	47.79 -0.98 0.00	43.50 -0.93 0.00	42.56 -0.82 0.00	41.70 -0.81 0.00	43.73 -0.80 0.00	47.58 -0.87 0.00	52.13 -0.90 0.00	54.81 -0.89 0.00	70.72 -1.22 0.00	61.97 -1.07 0.00	54.98 -0.95 0.00	50.81 -0.93 0.00	44.21 -0.90 0.00	40.51 -0.83 0.00	39.34 -0.84 0.00
PROJECT___ORANGE 2 24166	42.22 -0.95 0.00	38.97 -0.88 0.00	38.83 -0.95 0.00	37.82 -0.89 0.00	37.50 -0.88 0.00	43.03 -1.15 0.00	58.34 -1.50 0.00	67.06 -1.51 0.00	54.31 -1.05 0.00	47.79 -0.98 0.00	43.50 -0.93 0.00	42.56 -0.82 0.00	41.70 -0.81 0.00	43.73 -0.80 0.00	47.58 -0.87 0.00	52.13 -0.90 0.00	54.81 -0.89 0.00	70.72 -1.22 0.00	61.97 -1.07 0.00	54.98 -0.95 0.00	50.81 -0.93 0.00	44.21 -0.90 0.00	40.51 -0.83 0.00	39.34 -0.84 0.00
PUCKETT___SOLAR 323809	43.65 0.48 0.00	40.25 0.40 0.00	40.15 0.36 0.00	38.98 0.27 0.00	38.65 0.27 0.00	44.27 0.09 0.00	60.07 0.24 0.00	68.84 0.28 0.00	55.58 0.22 0.00	48.72 -0.05 0.00	44.17 -0.27 0.00	43.21 -0.17 0.00	42.34 -0.17 0.00	44.48 -0.04 0.00	48.51 0.05 0.00	53.30 0.27 0.00	56.20 0.50 0.00	72.81 0.87 0.00	63.85 0.82 0.00	56.72 0.78 0.00	52.36 0.62 0.00	45.38 0.27 0.00	41.54 0.21 0.00	40.38 0.20 0.00
PYRITES___HYD 24023	45.07 1.90 0.00	41.68 1.83 0.00	41.62 1.83 0.00	40.33 1.63 0.00	40.10 1.73 0.00	46.30 2.12 0.00	62.82 2.99 0.00	71.79 3.22 0.00	57.57 2.21 0.00	50.28 1.51 0.00	45.77 1.33 0.00	44.34 0.95 0.00	43.28 0.77 0.00	45.33 0.80 0.00	49.43 0.97 0.00	53.99 0.95 0.00	56.65 0.95 0.00	72.95 1.01 0.00	64.05 1.01 0.00	56.89 0.95 0.00	52.67 0.93 0.00	46.01 0.90 0.00	42.25 0.91 0.00	41.10 0.92 0.00
QUAKERRD_115KV_BK1 80622	40.63 -2.55 0.00	37.30 -2.55 0.00	37.12 -2.67 0.00	36.23 -2.48 0.00	35.84 -2.53 0.00	40.51 -3.67 0.00	54.74 -5.09 0.01	63.42 -5.14 0.00	51.48 -3.88 0.00	45.50 -3.27 0.00	41.41 -3.02 0.00	40.61 -2.78 0.00	39.66 -2.85 0.00	41.54 -2.98 0.00	44.96 -3.49 0.00	49.53 -3.50 0.00	52.30 -3.40 0.00	67.27 -4.68 0.00	59.07 -3.97 0.00	52.47 -3.47 0.00	48.32 -3.41 0.00	41.99 -3.11 0.00	38.36 -2.98 0.00	37.37 -2.81 0.00
QUENSBRY_115KV_TB8 356137	44.56 1.38 0.00	41.20 1.35 0.00	41.10 1.31 0.00	40.02 1.32 0.00	39.68 1.30 0.00	46.08 1.90 0.00	62.34 2.51 0.00	71.65 3.09 0.00	57.52 2.16 0.00	50.52 1.76 0.00	45.86 1.42 0.00	44.69 1.30 0.00	43.79 1.28 0.00	45.86 1.34 0.00	50.15 1.70 0.00	55.00 1.96 0.00	57.43 1.73 0.00	74.68 2.73 0.00	65.56 2.52 0.00	58.12 2.18 0.00	54.01 2.28 0.00	47.14 2.03 0.00	43.15 1.82 0.00	41.79 1.61 0.00
RAMAPO___LBMP 323565	45.07 1.90 0.00	41.56 1.71 0.00	41.50 1.71 0.00	40.33 1.63 0.00	40.07 1.69 0.00	46.25 2.08 0.00	62.76 2.93 0.00	71.72 3.15 0.00	57.85 2.49 0.00	51.25 2.49 0.00	46.83 2.40 0.00	45.81 2.43 0.00	45.06 2.55 0.00	47.16 2.63 0.00	51.27 2.81 0.00	55.95 2.92 0.00	58.76 3.06 0.00	75.97 4.03 0.00	66.50 3.47 0.00	59.01 3.08 0.00	54.74 3.00 0.00	47.81 2.71 0.00	43.82 2.48 0.00	42.51 2.33 0.00
RANKINE____ 23646	40.58 -2.59 0.00	36.86 -2.99 0.00	36.68 -3.10 0.00	35.76 -2.94 0.00	35.15 -3.22 0.00	38.82 -5.35 0.02	52.16 -7.66 0.02	60.19 -8.37 0.01	49.14 -6.20 0.02	43.29 -5.46 0.01	39.50 -4.93 0.00	38.70 -4.69 0.00	37.61 -4.89 0.02	39.48 -5.03 0.02	42.82 -5.62 0.02	46.97 -6.05 0.02	49.85 -5.85 0.00	63.81 -8.13 0.00	56.23 -6.81 0.00	50.57 -5.37 0.00	46.41 -5.33 0.00	40.33 -4.78 0.00	36.95 -4.38 0.00	36.20 -3.98 0.00
RAVENSWOOD_GT2_1 24244	45.69 2.50 -0.01	42.17 2.31 -0.01	42.02 2.23 0.00	40.84 2.13 0.00	40.57 2.19 0.00	46.88 2.69 -0.01	63.48 3.65 0.00	72.48 3.91 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.57 3.11 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.49 3.79 0.00	76.84 4.89 0.00	67.13 4.10 0.00	59.74 3.80 0.00	55.46 3.73 0.00	48.45 3.34 0.00	44.44 3.10 -0.01	43.08 2.89 -0.01
RAVENSWOOD_GT2_2 24245	45.69 2.50 -0.01	42.17 2.31 -0.01	42.02 2.23 0.00	40.84 2.13 0.00	40.57 2.19 0.00	46.88 2.69 -0.01	63.48 3.65 0.00	72.48 3.91 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.57 3.11 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.49 3.79 0.00	76.84 4.89 0.00	67.13 4.10 0.00	59.74 3.80 0.00	55.46 3.73 0.00	48.45 3.34 0.00	44.44 3.10 -0.01	43.08 2.89 -0.01

RAVENSWOOD_GT2_3 24246	45.73 2.55 -0.01	42.17 2.31 -0.01	42.02 2.23 0.00	40.84 2.13 0.00	40.57 2.19 0.00	46.88 2.69 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.61 3.15 -0.02	46.59 3.17 -0.04	45.82 3.27 -0.03	47.96 3.38 -0.04	52.08 3.59 -0.04	56.75 3.71 0.00	59.54 3.84 0.00	76.84 4.89 0.00	67.20 4.16 0.00	59.74 3.80 0.00	55.46 3.73 0.00	48.45 3.34 0.00	44.44 3.10 -0.01	43.12 2.93 -0.01
RAVENSWOOD_GT2_4 24247	45.73 2.55 -0.01	42.17 2.31 -0.01	42.02 2.23 0.00	40.84 2.13 0.00	40.57 2.19 0.00	46.88 2.69 -0.01	63.54 3.71 0.00	72.54 3.98 0.00	58.68 3.32 0.00	52.10 3.32 -0.02	47.61 3.15 -0.02	46.59 3.17 -0.04	45.82 3.27 -0.03	47.96 3.38 -0.04	52.08 3.59 -0.04	56.75 3.71 0.00	59.54 3.84 0.00	76.84 4.89 0.00	67.20 4.16 0.00	59.74 3.80 0.00	55.46 3.73 0.00	48.45 3.34 0.00	44.44 3.10 -0.01	43.12 2.93 -0.01
RAVENSWOOD_GT3_1 24248	45.69 2.50 -0.01	42.17 2.31 -0.01	42.02 2.23 0.00	40.84 2.13 0.00	40.57 2.19 0.00	46.88 2.69 -0.01	63.48 3.65 0.00	72.48 3.91 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.57 3.11 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.96 3.38 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.49 3.79 0.00	76.84 4.89 0.00	67.13 4.10 0.00	59.74 3.80 0.00	55.46 3.73 0.00	48.45 3.34 0.00	44.44 3.10 -0.01	43.08 2.89 -0.01
RAVENSWOOD_GT3_2 24249	45.69 2.50 -0.01	42.17 2.31 -0.01	42.02 2.23 0.00	40.84 2.13 0.00	40.57 2.19 0.00	46.88 2.69 -0.01	63.48 3.65 0.00	72.48 3.91 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.57 3.11 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.96 3.38 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.49 3.79 0.00	76.84 4.89 0.00	67.13 4.10 0.00	59.74 3.80 0.00	55.46 3.73 0.00	48.45 3.34 0.00	44.44 3.10 -0.01	43.08 2.89 -0.01
RAVENSWOOD_GT3_3 24250	45.73 2.55 -0.01	42.21 2.35 -0.01	42.06 2.27 0.00	40.87 2.17 0.00	40.60 2.23 0.00	46.92 2.74 -0.01	63.54 3.71 0.00	72.61 4.05 0.00	58.74 3.38 0.00	52.15 3.36 -0.02	47.66 3.20 -0.02	46.64 3.21 -0.04	45.82 3.27 -0.03	48.00 3.43 -0.04	52.13 3.63 -0.04	56.80 3.77 0.00	59.60 3.90 0.00	76.91 4.96 0.00	67.26 4.22 0.00	59.80 3.86 0.00	55.52 3.78 0.00	48.49 3.38 0.00	44.49 3.14 -0.01	43.16 2.97 -0.01
RAVENSWOOD_GT3_4 24251	45.73 2.55 -0.01	42.21 2.35 -0.01	42.06 2.27 0.00	40.87 2.17 0.00	40.60 2.23 0.00	46.92 2.74 -0.01	63.54 3.71 0.00	72.61 4.05 0.00	58.74 3.38 0.00	52.15 3.36 -0.02	47.66 3.20 -0.02	46.64 3.21 -0.04	45.82 3.27 -0.03	48.00 3.43 -0.04	52.13 3.63 -0.04	56.80 3.77 0.00	59.60 3.90 0.00	76.91 4.96 0.00	67.26 4.22 0.00	59.80 3.86 0.00	55.52 3.78 0.00	48.49 3.38 0.00	44.49 3.14 -0.01	43.16 2.97 -0.01
RAVENSWOOD_GT_1 23729	45.95 2.76 -0.01	42.37 2.51 -0.01	42.26 2.47 -0.01	41.07 2.36 0.00	40.80 2.42 -0.01	47.15 2.96 -0.01	63.54 3.71 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.20 3.41 -0.02	47.70 3.24 -0.02	46.64 3.21 -0.04	45.86 3.32 -0.03	48.00 3.43 -0.04	52.18 3.68 -0.04	56.75 3.71 0.00	59.49 3.79 0.00	76.62 4.68 0.00	67.01 3.97 0.00	59.68 3.75 0.00	55.52 3.78 0.00	48.63 3.52 0.00	44.65 3.31 -0.01	43.28 3.09 -0.01
RAVENSWOOD_GT_10 24258	45.69 2.50 -0.01	42.17 2.31 -0.01	42.02 2.23 0.00	40.84 2.13 0.00	40.53 2.15 0.00	46.88 2.69 -0.01	63.48 3.65 0.00	72.54 3.98 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.57 3.11 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.96 3.38 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.54 3.84 0.00	76.84 4.89 0.00	67.20 4.16 0.00	59.74 3.80 0.00	55.46 3.73 0.00	48.45 3.34 0.00	44.44 3.10 -0.01	43.08 2.89 -0.01
RAVENSWOOD_GT_11 24259	45.69 2.50 -0.01	42.17 2.31 -0.01	42.02 2.23 0.00	40.84 2.13 0.00	40.53 2.15 0.00	46.88 2.69 -0.01	63.48 3.65 0.00	72.54 3.98 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.57 3.11 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.96 3.38 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.54 3.84 0.00	76.84 4.89 0.00	67.20 4.16 0.00	59.74 3.80 0.00	55.46 3.73 0.00	48.45 3.34 0.00	44.44 3.10 -0.01	43.08 2.89 -0.01
RAVENSWOOD_GT_4 24252	45.77 2.59 -0.01	42.21 2.35 -0.01	42.10 2.31 -0.01	40.91 2.21 0.00	40.61 2.23 -0.01	46.92 2.74 -0.01	63.48 3.65 0.00	72.41 3.84 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.61 3.15 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.07 4.03 0.00	59.68 3.75 0.00	55.46 3.73 0.00	48.49 3.38 0.00	44.48 3.14 -0.01	43.16 2.97 -0.01
RAVENSWOOD_GT_5 24254	45.77 2.59 -0.01	42.21 2.35 -0.01	42.10 2.31 -0.01	40.91 2.21 0.00	40.61 2.23 -0.01	46.92 2.74 -0.01	63.48 3.65 0.00	72.41 3.84 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.61 3.15 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.07 4.03 0.00	59.68 3.75 0.00	55.46 3.73 0.00	48.49 3.38 0.00	44.48 3.14 -0.01	43.16 2.97 -0.01
RAVENSWOOD_GT_6 24253	45.77 2.59 -0.01	42.21 2.35 -0.01	42.10 2.31 -0.01	40.91 2.21 0.00	40.61 2.23 -0.01	46.92 2.74 -0.01	63.48 3.65 0.00	72.41 3.84 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.61 3.15 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.07 4.03 0.00	59.68 3.75 0.00	55.46 3.73 0.00	48.49 3.38 0.00	44.48 3.14 -0.01	43.16 2.97 -0.01
RAVENSWOOD_GT_7 24255	45.77 2.59 -0.01	42.21 2.35 -0.01	42.10 2.31 -0.01	40.91 2.21 0.00	40.61 2.23 -0.01	46.92 2.74 -0.01	63.48 3.65 0.00	72.41 3.84 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.61 3.15 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.49 3.79 0.00	76.76 4.82 0.00	67.07 4.03 0.00	59.68 3.75 0.00	55.46 3.73 0.00	48.49 3.38 0.00	44.48 3.14 -0.01	43.16 2.97 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.69 2.50 -0.01	42.17 2.31 -0.01	42.02 2.23 0.00	40.84 2.13 0.00	40.53 2.15 0.00	46.88 2.69 -0.01	63.48 3.65 0.00	72.54 3.98 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.57 3.11 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.96 3.38 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.54 3.84 0.00	76.84 4.89 0.00	67.20 4.16 0.00	59.74 3.80 0.00	55.46 3.73 0.00	48.45 3.34 0.00	44.44 3.10 -0.01	43.08 2.89 -0.01
RAVENSWOOD_GT_9 24257	45.69 2.50 -0.01	42.17 2.31 -0.01	42.02 2.23 0.00	40.84 2.13 0.00	40.53 2.15 0.00	46.88 2.69 -0.01	63.48 3.65 0.00	72.54 3.98 0.00	58.62 3.27 0.00	52.10 3.32 -0.02	47.57 3.11 -0.02	46.59 3.17 -0.04	45.78 3.23 -0.03	47.96 3.38 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.54 3.84 0.00	76.84 4.89 0.00	67.20 4.16 0.00	59.74 3.80 0.00	55.46 3.73 0.00	48.45 3.34 0.00	44.44 3.10 -0.01	43.08 2.89 -0.01

RAVENSWOOD___1 23533	45.90 2.72 -0.01	42.37 2.51 -0.01	42.18 2.39 -0.01	41.03 2.32 0.00	40.77 2.38 -0.01	47.05 2.87 -0.01	63.54 3.71 0.00	72.27 3.70 0.00	58.57 3.21 0.00	52.10 3.32 -0.02	47.66 3.20 -0.02	46.59 3.17 -0.04	45.82 3.27 -0.03	47.91 3.34 -0.04	52.14 3.64 -0.04	56.69 3.66 0.00	59.43 3.73 0.00	76.62 4.67 0.00	66.95 3.91 0.00	59.68 3.75 0.00	55.47 3.73 0.00	48.63 3.52 0.00	44.65 3.31 -0.01	43.28 3.09 -0.01
RAVENSWOOD___2 23534	45.90 2.72 -0.01	42.33 2.47 -0.01	42.18 2.39 -0.01	41.03 2.32 0.00	40.77 2.38 -0.01	47.05 2.87 -0.01	63.54 3.71 0.00	72.27 3.70 0.00	58.57 3.21 0.00	52.10 3.32 -0.02	47.66 3.20 -0.02	46.55 3.13 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.43 3.73 0.00	76.55 4.61 0.00	66.95 3.91 0.00	59.63 3.69 0.00	55.47 3.73 0.00	48.58 3.47 0.00	44.65 3.31 -0.01	43.24 3.05 -0.01
RAVENSWOOD___3 23535	45.69 2.50 -0.01	42.17 2.31 -0.01	41.97 2.19 0.00	40.83 2.13 0.00	40.56 2.19 0.00	46.88 2.70 -0.01	63.48 3.65 0.00	72.47 3.91 0.00	58.62 3.27 0.00	52.05 3.27 -0.02	47.61 3.16 -0.02	46.59 3.17 -0.04	45.74 3.19 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.49 3.79 0.00	76.84 4.89 0.00	67.20 4.16 0.00	59.74 3.81 0.00	55.47 3.73 0.00	48.45 3.34 0.00	44.48 3.14 -0.01	43.08 2.89 -0.01
RAVENSWOOD___4 23820	45.90 2.72 -0.01	42.33 2.47 -0.01	42.18 2.39 -0.01	41.03 2.32 0.00	40.73 2.34 -0.01	47.05 2.87 -0.01	63.54 3.71 0.00	72.27 3.70 0.00	58.51 3.15 0.00	52.10 3.32 -0.02	47.66 3.20 -0.02	46.55 3.13 -0.04	45.78 3.23 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.43 3.73 0.00	76.55 4.61 0.00	66.95 3.91 0.00	59.63 3.69 0.00	55.47 3.73 0.00	48.58 3.47 0.00	44.61 3.26 -0.01	43.24 3.05 -0.01
RCPL_TRUST___DRP 24196	45.68 2.50 0.00	42.13 2.27 0.00	42.02 2.23 0.00	40.84 2.13 0.00	40.53 2.15 0.00	46.88 2.69 0.00	63.54 3.71 0.00	72.61 4.05 0.00	58.68 3.32 0.00	52.14 3.36 -0.01	47.65 3.20 -0.01	46.66 3.25 -0.03	45.85 3.32 -0.02	47.98 3.43 -0.03	52.12 3.63 -0.03	56.75 3.71 0.00	59.60 3.90 0.00	76.91 4.96 0.00	67.26 4.22 0.00	59.80 3.86 0.00	55.46 3.73 0.00	48.40 3.29 0.00	44.44 3.10 0.00	43.08 2.89 0.00
RED___ROCHESTER 323720	41.71 -1.47 0.00	38.18 -1.67 0.00	38.12 -1.67 0.00	37.08 -1.62 0.00	36.69 -1.69 0.00	41.30 -2.87 0.01	55.69 -4.13 0.01	64.58 -3.98 0.00	52.53 -2.82 0.01	46.37 -2.39 0.00	42.26 -2.18 0.00	41.52 -1.86 0.00	40.51 -2.00 0.01	42.52 -2.00 0.01	45.88 -2.57 0.01	50.53 -2.49 0.01	53.47 -2.23 0.00	68.71 -3.24 0.00	60.33 -2.71 0.00	53.70 -2.24 0.00	49.36 -2.38 0.00	42.81 -2.30 0.00	39.02 -2.31 0.00	38.13 -2.05 0.00
REGAN___SOLAR 323812	44.64 1.47 0.00	41.24 1.39 0.00	41.18 1.39 0.00	40.06 1.35 0.00	39.72 1.34 0.00	46.12 1.94 0.00	62.53 2.69 0.00	71.51 2.95 0.00	56.63 1.27 0.00	49.15 0.39 0.00	44.35 -0.09 0.00	43.08 -0.30 0.00	42.22 -0.30 0.00	44.66 0.13 0.00	49.43 0.97 0.00	54.84 1.80 0.00	57.48 1.78 0.00	74.89 2.95 0.00	65.81 2.77 0.00	58.39 2.46 0.00	54.01 2.27 0.00	47.00 1.89 0.00	43.15 1.82 0.00	41.75 1.57 0.00
RENSSELAER___COGEN 23796	43.56 0.39 0.00	40.29 0.44 0.00	40.23 0.44 0.00	39.21 0.50 0.00	38.91 0.54 0.00	44.93 0.75 0.00	60.85 1.02 0.00	69.66 1.09 0.00	56.19 0.83 0.00	49.50 0.73 0.00	45.14 0.71 0.00	44.08 0.69 0.00	43.23 0.72 0.00	45.33 0.80 0.00	49.43 0.97 0.00	54.09 1.06 0.00	56.65 0.95 0.00	73.38 1.44 0.00	64.30 1.26 0.00	57.05 1.12 0.00	52.88 1.14 0.00	46.15 1.04 0.00	42.29 0.95 0.00	41.10 0.92 0.00
REPUBLIC_115KV_BARTNBRK 55605	46.54 3.37 0.00	43.04 3.19 0.00	42.97 3.18 0.00	41.80 3.10 0.00	41.45 3.07 0.00	48.20 4.02 0.00	65.28 5.44 0.00	75.22 6.65 0.00	59.95 4.59 0.00	52.57 3.80 0.00	47.50 3.07 0.00	46.21 2.82 0.00	45.23 2.72 0.00	47.42 2.89 0.00	51.95 3.49 0.00	57.06 4.03 0.00	59.54 3.84 0.00	77.92 5.97 0.00	68.58 5.55 0.00	60.86 4.92 0.00	56.50 4.76 0.00	49.21 4.10 0.00	44.97 3.64 0.00	43.51 3.33 0.00
REVERE_CPPR_DRP 24186	44.34 1.17 0.00	41.05 1.20 0.00	40.90 1.11 0.00	39.60 0.89 0.00	39.41 1.04 0.00	45.33 1.15 0.00	61.51 1.68 0.00	70.49 1.92 0.00	56.74 1.38 0.00	49.69 0.93 0.00	45.06 0.62 0.00	44.08 0.69 0.00	43.19 0.68 0.00	45.42 0.89 0.00	49.52 1.07 0.00	54.41 1.38 0.00	57.26 1.56 0.00	73.96 2.01 0.00	64.87 1.83 0.00	57.61 1.68 0.00	53.14 1.40 0.00	46.10 0.99 0.00	42.16 0.83 0.00	40.94 0.76 0.00
REYNLDPA_13_KV_LD 356490	43.99 0.82 0.00	40.57 0.72 0.00	40.54 0.75 0.00	39.44 0.73 0.00	39.15 0.77 0.00	45.15 0.97 0.00	61.15 1.31 0.00	69.94 1.37 0.00	56.41 1.05 0.00	49.65 0.88 0.00	45.28 0.84 0.00	43.95 0.56 0.00	42.98 0.47 0.00	44.93 0.40 0.00	48.99 0.53 0.00	53.51 0.48 0.00	56.09 0.39 0.00	72.09 0.14 0.00	63.10 0.06 0.00	55.99 0.06 0.00	51.84 0.10 0.00	45.20 0.09 0.00	41.50 0.17 0.00	40.38 0.20 0.00
REYNOLDS_115KV_TB3 80639	43.74 0.56 0.00	40.45 0.60 0.00	40.38 0.60 0.00	39.36 0.66 0.00	39.07 0.69 0.00	45.19 1.02 0.00	61.15 1.32 0.00	69.94 1.37 0.00	56.52 1.16 0.00	49.79 1.02 0.00	45.37 0.93 0.00	44.30 0.91 0.00	43.49 0.98 0.00	45.55 1.02 0.00	49.67 1.21 0.00	54.41 1.38 0.00	56.98 1.28 0.00	73.74 1.80 0.00	64.55 1.51 0.00	57.33 1.40 0.00	53.14 1.40 0.00	46.37 1.26 0.00	42.49 1.16 0.00	41.26 1.08 0.00
RIVERBAY____ 323610	46.64 3.45 -0.01	43.01 3.15 -0.01	42.94 3.14 -0.01	41.69 2.98 0.00	41.42 3.03 -0.01	47.81 3.62 -0.01	64.38 4.55 0.00	72.89 4.32 0.00	58.96 3.60 0.00	52.43 3.66 -0.01	47.87 3.42 -0.01	46.78 3.38 -0.01	46.01 3.49 -0.01	48.15 3.61 -0.01	52.29 3.83 -0.01	56.96 3.92 0.00	59.77 4.07 0.00	76.91 4.96 0.00	67.26 4.22 0.00	59.96 4.03 0.00	55.77 4.04 0.00	48.99 3.88 0.00	45.06 3.72 -0.01	43.72 3.54 -0.01
RIVERSDE_115KV_TB3 55908	43.69 0.52 0.00	40.37 0.52 0.00	40.35 0.56 0.00	39.33 0.62 0.00	39.03 0.65 0.00	45.10 0.93 0.00	61.03 1.20 0.00	69.87 1.30 0.00	56.41 1.05 0.00	49.69 0.93 0.00	45.32 0.89 0.00	44.25 0.87 0.00	43.45 0.94 0.00	45.51 0.98 0.00	49.62 1.16 0.00	54.31 1.27 0.00	56.87 1.17 0.00	73.60 1.65 0.00	64.49 1.45 0.00	57.22 1.29 0.00	53.03 1.29 0.00	46.33 1.22 0.00	42.41 1.07 0.00	41.22 1.04 0.00
ROARING___BROOK_WT_PWR 323790	43.13 -0.04 0.00	39.81 -0.04 0.00	39.71 -0.08 0.00	38.51 -0.19 0.00	38.11 -0.27 0.00	43.78 -0.40 0.00	59.12 -0.72 0.00	67.47 -1.10 0.00	54.14 -1.22 0.00	47.55 -1.22 0.00	43.24 -1.20 0.00	42.13 -1.26 0.00	41.24 -1.27 0.00	43.19 -1.33 0.00	47.00 -1.45 0.00	51.44 -1.59 0.00	54.03 -1.67 0.00	69.79 -2.16 0.00	61.15 -1.89 0.00	54.20 -1.73 0.00	50.13 -1.60 0.00	43.71 -1.40 0.00	40.10 -1.24 0.00	39.01 -1.17 0.00

ROCHESRG_115KV_T4 355643	41.32 -1.86 0.00	37.82 -2.03 0.00	37.68 -2.11 0.00	36.77 -1.94 0.00	36.34 -2.03 0.00	40.86 -3.31 0.01	55.04 -4.79 0.01	63.83 -4.73 0.00	51.86 -3.49 0.01	45.88 -2.88 0.00	41.77 -2.67 0.00	41.00 -2.39 0.00	39.96 -2.55 0.01	41.90 -2.63 0.01	45.30 -3.15 0.01	49.84 -3.18 0.01	52.69 -3.01 0.00	67.77 -4.17 0.00	59.51 -3.53 0.00	52.97 -2.96 0.00	48.74 -3.00 0.00	42.36 -2.75 0.00	38.73 -2.60 0.00	37.77 -2.41 0.00
ROCHESTER_9_IC 23652	41.53 -1.64 0.00	38.02 -1.83 0.00	37.88 -1.91 0.00	36.93 -1.78 0.00	36.54 -1.84 0.00	41.08 -3.09 0.01	55.39 -4.43 0.01	64.31 -4.25 0.00	52.25 -3.10 0.01	46.18 -2.58 0.00	42.04 -2.40 0.00	41.30 -2.08 0.00	40.25 -2.25 0.01	42.21 -2.32 0.01	45.64 -2.81 0.01	50.22 -2.81 0.01	53.08 -2.62 0.00	68.27 -3.67 0.00	59.95 -3.09 0.00	53.36 -2.57 0.00	49.05 -2.69 0.00	42.63 -2.48 0.00	38.94 -2.40 0.00	37.93 -2.25 0.00
ROCKVIEW_13_KV_LD 356306	45.51 2.33 0.00	42.00 2.15 0.00	41.86 2.07 0.00	40.68 1.97 0.00	40.41 2.03 0.00	46.69 2.52 0.00	63.36 3.53 0.00	72.41 3.84 0.00	58.57 3.21 0.00	51.98 3.22 0.00	47.46 3.02 0.00	46.46 3.08 0.00	45.66 3.15 0.00	47.82 3.30 0.00	51.95 3.49 0.00	56.59 3.55 0.00	59.38 3.68 0.00	76.76 4.82 0.00	67.20 4.16 0.00	59.68 3.75 0.00	55.36 3.62 0.00	48.31 3.20 0.00	44.27 2.93 0.00	42.95 2.77 0.00
ROME____115KV_TB2 80656	44.34 1.17 0.00	41.05 1.20 0.00	40.90 1.11 0.00	39.60 0.89 0.00	39.41 1.04 0.00	45.33 1.15 0.00	61.51 1.68 0.00	70.49 1.92 0.00	56.74 1.38 0.00	49.69 0.93 0.00	45.06 0.62 0.00	44.08 0.69 0.00	43.19 0.68 0.00	45.42 0.89 0.00	49.52 1.07 0.00	54.41 1.38 0.00	57.26 1.56 0.00	73.96 2.01 0.00	64.87 1.83 0.00	57.61 1.68 0.00	53.14 1.40 0.00	46.10 0.99 0.00	42.16 0.83 0.00	40.94 0.76 0.00
ROSETON___1 23587	44.86 1.68 0.00	41.40 1.55 0.00	41.30 1.51 0.00	40.18 1.47 0.00	39.87 1.50 0.00	46.03 1.86 0.00	62.34 2.51 0.00	71.24 2.67 0.00	57.57 2.22 0.00	51.01 2.24 0.00	46.61 2.18 0.00	45.60 2.21 0.00	44.76 2.25 0.00	46.89 2.36 0.00	50.98 2.52 0.00	55.58 2.55 0.00	58.32 2.62 0.00	75.47 3.52 0.00	66.06 3.03 0.00	58.62 2.68 0.00	54.43 2.69 0.00	47.59 2.48 0.00	43.65 2.31 0.00	42.27 2.09 0.00
ROSETON___2 23588	44.86 1.68 0.00	41.40 1.55 0.00	41.30 1.51 0.00	40.18 1.47 0.00	39.87 1.50 0.00	46.03 1.86 0.00	62.34 2.51 0.00	71.24 2.67 0.00	57.57 2.22 0.00	51.01 2.24 0.00	46.61 2.18 0.00	45.60 2.21 0.00	44.76 2.25 0.00	46.89 2.36 0.00	50.98 2.52 0.00	55.58 2.55 0.00	58.32 2.62 0.00	75.47 3.52 0.00	66.06 3.03 0.00	58.62 2.68 0.00	54.43 2.69 0.00	47.59 2.48 0.00	43.65 2.31 0.00	42.27 2.09 0.00
ROTRDAM_115KV_TB3 80664	43.99 0.82 0.00	40.65 0.80 0.00	40.58 0.80 0.00	39.52 0.81 0.00	39.18 0.81 0.00	45.28 1.10 0.00	61.27 1.44 0.00	70.21 1.65 0.00	56.58 1.22 0.00	49.79 1.02 0.00	45.32 0.89 0.00	44.25 0.87 0.00	43.41 0.89 0.00	45.51 0.98 0.00	49.62 1.16 0.00	54.36 1.33 0.00	56.98 1.28 0.00	73.81 1.87 0.00	64.68 1.64 0.00	57.39 1.45 0.00	53.19 1.45 0.00	46.42 1.31 0.00	42.49 1.16 0.00	41.26 1.08 0.00
RUSSELL___1 23602	41.71 -1.47 0.00	38.18 -1.67 0.00	38.04 -1.75 0.00	37.08 -1.63 0.00	36.65 -1.73 0.00	41.21 -2.96 0.01	55.69 -4.13 0.01	64.65 -3.91 0.00	52.53 -2.82 0.01	46.42 -2.34 0.00	42.26 -2.18 0.00	41.52 -1.87 0.00	40.51 -2.00 0.01	42.43 -2.09 0.01	45.88 -2.57 0.01	50.53 -2.49 0.01	53.42 -2.28 0.00	68.71 -3.24 0.00	60.33 -2.71 0.00	53.64 -2.29 0.00	49.31 -2.43 0.00	42.81 -2.30 0.00	39.10 -2.23 0.00	38.09 -2.09 0.00
RUSSELL___2 23532	41.71 -1.47 0.00	38.18 -1.67 0.00	38.04 -1.75 0.00	37.08 -1.63 0.00	36.65 -1.73 0.00	41.21 -2.96 0.01	55.69 -4.13 0.01	64.65 -3.91 0.00	52.53 -2.82 0.01	46.42 -2.34 0.00	42.26 -2.18 0.00	41.52 -1.87 0.00	40.51 -2.00 0.01	42.43 -2.09 0.01	45.88 -2.57 0.01	50.53 -2.49 0.01	53.42 -2.28 0.00	68.71 -3.24 0.00	60.33 -2.71 0.00	53.64 -2.29 0.00	49.31 -2.43 0.00	42.81 -2.30 0.00	39.10 -2.23 0.00	38.09 -2.09 0.00
RUSSELL___3 23549	41.71 -1.47 0.00	38.18 -1.67 0.00	38.04 -1.75 0.00	37.08 -1.63 0.00	36.65 -1.73 0.00	41.21 -2.96 0.01	55.69 -4.13 0.01	64.65 -3.91 0.00	52.53 -2.82 0.01	46.42 -2.34 0.00	42.26 -2.18 0.00	41.52 -1.87 0.00	40.51 -2.00 0.01	42.43 -2.09 0.01	45.88 -2.57 0.01	50.53 -2.49 0.01	53.42 -2.28 0.00	68.71 -3.24 0.00	60.33 -2.71 0.00	53.64 -2.29 0.00	49.31 -2.43 0.00	42.81 -2.30 0.00	39.10 -2.23 0.00	38.09 -2.09 0.00
RUSSELL___4 23556	41.71 -1.47 0.00	38.18 -1.67 0.00	38.04 -1.75 0.00	37.08 -1.63 0.00	36.65 -1.73 0.00	41.21 -2.96 0.01	55.69 -4.13 0.01	64.65 -3.91 0.00	52.53 -2.82 0.01	46.42 -2.34 0.00	42.26 -2.18 0.00	41.52 -1.87 0.00	40.51 -2.00 0.01	42.43 -2.09 0.01	45.88 -2.57 0.01	50.53 -2.49 0.01	53.42 -2.28 0.00	68.71 -3.24 0.00	60.33 -2.71 0.00	53.64 -2.29 0.00	49.31 -2.43 0.00	42.81 -2.30 0.00	39.10 -2.23 0.00	38.09 -2.09 0.00
RUSSELL___STATION 23914	41.71 -1.47 0.00	38.18 -1.67 0.00	38.04 -1.75 0.00	37.08 -1.63 0.00	36.65 -1.73 0.00	41.21 -2.96 0.01	55.69 -4.13 0.01	64.65 -3.91 0.00	52.53 -2.82 0.01	46.42 -2.34 0.00	42.26 -2.18 0.00	41.52 -1.87 0.00	40.51 -2.00 0.01	42.43 -2.09 0.01	45.88 -2.57 0.01	50.53 -2.49 0.01	53.42 -2.28 0.00	68.71 -3.24 0.00	60.33 -2.71 0.00	53.64 -2.29 0.00	49.31 -2.43 0.00	42.81 -2.30 0.00	39.10 -2.23 0.00	38.09 -2.09 0.00
S SALMON___HYD 24043	42.44 -0.73 0.00	39.21 -0.64 0.00	39.11 -0.68 0.00	37.89 -0.81 0.00	37.65 -0.73 0.00	43.16 -1.01 0.00	58.46 -1.37 0.00	67.12 -1.44 0.00	54.25 -1.11 0.00	47.60 -1.17 0.00	43.28 -1.16 0.00	42.34 -1.04 0.00	41.41 -1.11 0.00	43.42 -1.11 0.00	47.25 -1.21 0.00	51.76 -1.27 0.00	54.47 -1.23 0.00	70.43 -1.51 0.00	61.84 -1.20 0.00	55.04 -0.90 0.00	50.75 -0.98 0.00	44.21 -0.90 0.00	40.51 -0.83 0.00	39.38 -0.80 0.00
S.PERRY___115KV_TB1 80734	42.57 -0.60 0.00	38.97 -0.88 0.00	38.67 -1.11 0.00	37.74 -0.97 0.00	37.23 -1.15 0.00	41.77 -2.39 0.02	56.69 -3.11 0.03	65.67 -2.88 0.01	52.90 -2.44 0.02	46.22 -2.54 0.01	41.81 -2.62 0.00	40.96 -2.43 0.00	39.90 -2.59 0.02	41.88 -2.63 0.02	45.48 -2.96 0.02	50.20 -2.81 0.02	53.30 -2.40 0.00	69.14 -2.81 0.00	61.08 -1.95 0.00	54.37 -1.57 0.00	49.88 -1.86 0.00	43.26 -1.85 0.00	39.48 -1.86 0.00	38.37 -1.81 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.28 -2.89 0.00	36.58 -3.27 0.00	36.41 -3.38 0.00	35.53 -3.17 0.00	35.00 -3.38 0.00	38.55 -5.61 0.01	51.56 -8.26 0.02	59.78 -8.78 0.01	48.87 -6.48 0.01	43.20 -5.56 0.01	39.41 -5.02 0.00	38.61 -4.77 0.00	37.53 -4.97 0.01	39.35 -5.17 0.01	42.53 -5.91 0.01	46.82 -6.20 0.01	49.68 -6.02 0.00	63.53 -8.42 0.00	55.98 -7.06 0.00	50.23 -5.71 0.00	46.20 -5.54 0.00	40.19 -4.92 0.00	36.79 -4.55 0.00	36.08 -4.10 0.00

SAWYER___23_KV_LOAD 55526	40.28 -2.89 0.00	36.58 -3.27 0.00	36.41 -3.38 0.00	35.53 -3.17 0.00	35.00 -3.38 0.00	38.55 -5.61 0.01	51.56 -8.26 0.02	59.78 -8.78 0.01	48.87 -6.48 0.01	43.20 -5.56 0.01	39.41 -5.02 0.00	38.61 -4.77 0.00	37.53 -4.97 0.01	39.35 -5.17 0.01	42.53 -5.91 0.01	46.82 -6.20 0.01	49.68 -6.02 0.00	63.53 -8.42 0.00	55.98 -7.06 0.00	50.23 -5.71 0.00	46.20 -5.54 0.00	40.19 -4.92 0.00	36.79 -4.55 0.00	36.08 -4.10 0.00
SELKIRK___I 23801	44.04 0.86 0.00	40.69 0.84 0.00	40.66 0.87 0.00	39.60 0.89 0.00	39.26 0.88 0.00	45.32 1.15 0.00	61.33 1.50 0.00	70.15 1.58 0.00	56.52 1.16 0.00	49.74 0.97 0.00	45.32 0.89 0.00	44.21 0.82 0.00	43.36 0.85 0.00	45.51 0.98 0.00	49.67 1.21 0.00	54.41 1.38 0.00	57.03 1.33 0.00	73.89 1.94 0.00	64.74 1.70 0.00	57.45 1.51 0.00	53.24 1.50 0.00	46.46 1.35 0.00	42.58 1.24 0.00	41.35 1.17 0.00
SELKIRK___II 23799	43.65 0.48 0.00	40.37 0.52 0.00	40.30 0.52 0.00	39.29 0.58 0.00	38.95 0.58 0.00	44.97 0.80 0.00	60.91 1.08 0.00	69.66 1.09 0.00	56.24 0.88 0.00	49.54 0.78 0.00	45.19 0.75 0.00	44.12 0.74 0.00	43.28 0.77 0.00	45.37 0.84 0.00	49.48 1.02 0.00	54.15 1.12 0.00	56.70 1.00 0.00	73.46 1.51 0.00	64.30 1.26 0.00	57.11 1.18 0.00	52.93 1.19 0.00	46.19 1.08 0.00	42.33 0.99 0.00	41.10 0.92 0.00
SENECA OSWGO___HYD 24041	41.84 -1.34 0.00	38.61 -1.24 0.00	38.48 -1.31 0.00	37.47 -1.24 0.00	37.15 -1.23 0.00	42.63 -1.55 0.00	57.80 -2.03 0.00	66.37 -2.20 0.00	53.75 -1.61 0.00	47.25 -1.51 0.00	43.01 -1.42 0.00	42.08 -1.30 0.00	41.24 -1.27 0.00	43.19 -1.33 0.00	47.00 -1.45 0.00	51.49 -1.54 0.00	54.20 -1.50 0.00	70.00 -1.94 0.00	61.34 -1.70 0.00	54.48 -1.45 0.00	50.29 -1.45 0.00	43.80 -1.31 0.00	40.10 -1.24 0.00	38.98 -1.20 0.00
SENECA___115KV_TB3 355854	40.67 -2.51 0.00	36.90 -2.95 0.00	36.84 -2.94 0.00	35.80 -2.90 0.00	35.23 -3.15 0.00	38.90 -5.26 0.02	52.21 -7.60 0.02	60.19 -8.37 0.01	49.25 -6.09 0.02	43.34 -5.41 0.01	39.55 -4.89 0.00	38.78 -4.60 0.00	37.61 -4.89 0.02	39.57 -4.94 0.02	42.87 -5.57 0.02	47.08 -5.94 0.02	49.96 -5.74 0.00	63.89 -8.06 0.00	56.29 -6.74 0.00	50.62 -5.32 0.00	46.51 -5.22 0.00	40.37 -4.74 0.00	36.87 -4.47 0.00	36.32 -3.86 0.00
SENECA___ENERGY 23797	42.10 -1.08 0.00	38.73 -1.12 0.00	38.63 -1.16 0.00	37.58 -1.12 0.00	37.26 -1.11 0.00	42.59 -1.59 0.00	57.80 -2.03 0.00	66.58 -1.99 0.00	53.98 -1.38 0.00	47.45 -1.31 0.00	43.15 -1.29 0.00	42.30 -1.08 0.00	41.37 -1.15 0.00	43.37 -1.16 0.00	47.10 -1.36 0.00	51.71 -1.32 0.00	54.47 -1.23 0.00	70.29 -1.65 0.00	61.65 -1.39 0.00	54.70 -1.23 0.00	50.45 -1.29 0.00	43.84 -1.26 0.00	40.10 -1.24 0.00	39.01 -1.17 0.00
SHOEMAKER___GT 23640	44.86 1.68 0.00	41.36 1.51 0.00	41.26 1.47 0.00	40.18 1.47 0.00	39.84 1.46 0.00	45.99 1.81 0.00	62.34 2.51 0.00	71.17 2.60 0.00	57.41 2.05 0.00	50.77 2.00 0.00	46.30 1.87 0.00	45.25 1.86 0.00	44.51 2.00 0.00	46.62 2.09 0.00	50.74 2.28 0.00	55.42 2.39 0.00	58.21 2.51 0.00	75.33 3.38 0.00	66.00 2.96 0.00	58.57 2.63 0.00	54.32 2.59 0.00	47.41 2.30 0.00	43.44 2.11 0.00	42.11 1.93 0.00
SHOEMAKR_138KV_BK 111 55601	44.86 1.68 0.00	41.32 1.47 0.00	41.30 1.51 0.00	40.14 1.43 0.00	39.84 1.46 0.00	45.99 1.81 0.00	62.34 2.51 0.00	71.24 2.67 0.00	57.41 2.05 0.00	50.81 2.05 0.00	46.35 1.91 0.00	45.29 1.91 0.00	44.55 2.04 0.00	46.67 2.14 0.00	50.73 2.28 0.00	55.42 2.39 0.00	58.26 2.56 0.00	75.33 3.38 0.00	66.00 2.96 0.00	58.56 2.63 0.00	54.33 2.59 0.00	47.41 2.30 0.00	43.44 2.11 0.00	42.15 1.97 0.00
SHOREHAM_IC_1 23715	46.07 2.89 0.00	42.40 2.55 0.00	42.18 2.39 0.00	41.11 2.40 0.00	40.95 2.57 0.00	47.67 3.49 0.00	63.30 3.47 0.00	72.20 3.63 0.00	57.68 2.32 0.00	51.40 2.63 0.00	47.68 3.24 0.00	46.77 3.39 0.00	45.95 3.44 0.00	47.82 3.30 0.00	51.80 3.34 0.00	56.38 3.34 0.00	59.60 3.90 0.00	77.77 5.82 0.00	68.08 5.04 0.00	59.97 4.03 0.00	55.26 3.52 0.00	49.21 4.10 0.00	45.63 4.30 0.00	43.95 3.78 0.00
SHOREHAM_IC_2 23716	46.07 2.89 0.00	42.40 2.55 0.00	42.18 2.39 0.00	41.11 2.40 0.00	40.95 2.57 0.00	47.71 3.53 0.00	63.30 3.47 0.00	72.34 3.77 0.00	57.63 2.27 0.00	51.59 2.83 0.00	47.59 3.15 0.00	46.81 3.43 0.00	46.08 3.57 0.00	47.96 3.43 0.00	51.80 3.34 0.00	56.43 3.39 0.00	59.65 3.95 0.00	77.77 5.83 0.00	68.08 5.04 0.00	59.96 4.03 0.00	55.26 3.52 0.00	49.17 4.06 0.00	45.47 4.13 0.00	43.96 3.78 0.00
SISSONVILLE____ 23735	44.43 1.25 0.00	41.05 1.20 0.00	41.02 1.23 0.00	39.79 1.08 0.00	39.53 1.15 0.00	45.59 1.41 0.00	61.87 2.03 0.00	70.76 2.19 0.00	56.91 1.55 0.00	49.84 1.07 0.00	45.41 0.98 0.00	44.04 0.65 0.00	42.98 0.47 0.00	45.02 0.49 0.00	49.09 0.63 0.00	53.40 0.37 0.00	55.76 0.06 0.00	71.51 -0.43 0.00	62.72 -0.32 0.00	55.71 -0.22 0.00	51.64 -0.10 0.00	45.29 0.18 0.00	41.63 0.29 0.00	40.54 0.36 0.00
SITHE_IND_GS1 24169	41.45 -1.73 0.00	38.25 -1.60 0.00	38.16 -1.63 0.00	37.12 -1.59 0.00	36.80 -1.58 0.00	42.23 -1.94 0.00	57.14 -2.69 0.00	65.69 -2.88 0.00	53.14 -2.22 0.00	46.76 -2.00 0.00	42.57 -1.86 0.00	41.65 -1.74 0.00	40.81 -1.70 0.00	42.75 -1.78 0.00	46.47 -1.99 0.00	50.91 -2.12 0.00	53.58 -2.12 0.00	69.14 -2.81 0.00	60.64 -2.40 0.00	53.81 -2.13 0.00	49.72 -2.02 0.00	43.30 -1.81 0.00	39.64 -1.70 0.00	38.61 -1.57 0.00
SITHE_IND_GS2 24170	41.45 -1.73 0.00	38.25 -1.60 0.00	38.16 -1.63 0.00	37.12 -1.59 0.00	36.80 -1.58 0.00	42.23 -1.94 0.00	57.14 -2.69 0.00	65.69 -2.88 0.00	53.14 -2.22 0.00	46.76 -2.00 0.00	42.57 -1.86 0.00	41.65 -1.74 0.00	40.81 -1.70 0.00	42.75 -1.78 0.00	46.47 -1.99 0.00	50.91 -2.12 0.00	53.58 -2.12 0.00	69.14 -2.81 0.00	60.64 -2.40 0.00	53.81 -2.13 0.00	49.72 -2.02 0.00	43.30 -1.81 0.00	39.64 -1.70 0.00	38.61 -1.57 0.00
SITHE_IND_GS3 24171	41.45 -1.73 0.00	38.25 -1.60 0.00	38.16 -1.63 0.00	37.12 -1.59 0.00	36.80 -1.58 0.00	42.23 -1.94 0.00	57.14 -2.69 0.00	65.69 -2.88 0.00	53.14 -2.22 0.00	46.76 -2.00 0.00	42.57 -1.86 0.00	41.65 -1.74 0.00	40.81 -1.70 0.00	42.75 -1.78 0.00	46.47 -1.99 0.00	50.91 -2.12 0.00	53.58 -2.12 0.00	69.14 -2.81 0.00	60.64 -2.40 0.00	53.81 -2.13 0.00	49.72 -2.02 0.00	43.30 -1.81 0.00	39.64 -1.70 0.00	38.61 -1.57 0.00
SITHE_IND_GS4 24172	41.45 -1.73 0.00	38.25 -1.60 0.00	38.16 -1.63 0.00	37.12 -1.59 0.00	36.80 -1.58 0.00	42.23 -1.94 0.00	57.14 -2.69 0.00	65.69 -2.88 0.00	53.14 -2.22 0.00	46.76 -2.00 0.00	42.57 -1.86 0.00	41.65 -1.74 0.00	40.81 -1.70 0.00	42.75 -1.78 0.00	46.47 -1.99 0.00	50.91 -2.12 0.00	53.58 -2.12 0.00	69.14 -2.81 0.00	60.64 -2.40 0.00	53.81 -2.13 0.00	49.72 -2.02 0.00	43.30 -1.81 0.00	39.64 -1.70 0.00	38.61 -1.57 0.00

SITHE___BATAVIA 24024	41.40 -1.77 0.00	37.74 -2.11 0.00	37.68 -2.11 0.00	36.65 -2.05 0.00	36.19 -2.19 0.00	40.06 -4.11 0.01	53.89 -5.92 0.01	62.59 -5.97 0.01	51.03 -4.32 0.01	44.96 -3.80 0.01	40.88 -3.56 0.00	40.17 -3.21 0.00	39.02 -3.49 0.01	41.00 -3.52 0.01	44.23 -4.22 0.01	48.73 -4.29 0.01	51.75 -3.95 0.00	66.40 -5.54 0.00	58.56 -4.47 0.00	52.41 -3.52 0.00	48.07 -3.67 0.00	41.68 -3.43 0.00	37.91 -3.43 0.00	37.21 -2.97 0.00
SITHE___INDEPEND 23800	41.45 -1.73 0.00	38.26 -1.59 0.00	38.16 -1.63 0.00	37.12 -1.59 0.00	36.80 -1.57 0.00	42.23 -1.94 0.00	57.14 -2.69 0.00	65.69 -2.88 0.00	53.14 -2.21 0.00	46.77 -2.00 0.00	42.57 -1.87 0.00	41.65 -1.74 0.00	40.81 -1.70 0.00	42.75 -1.78 0.00	46.47 -1.99 0.00	50.91 -2.12 0.00	53.53 -2.17 0.00	69.14 -2.81 0.00	60.64 -2.40 0.00	53.81 -2.13 0.00	49.72 -2.02 0.00	43.30 -1.80 0.00	39.68 -1.65 0.00	38.61 -1.57 0.00
SITHE___MASSENA 23902	44.21 1.03 0.00	40.77 0.92 0.00	40.74 0.95 0.00	39.60 0.89 0.00	39.34 0.96 0.00	45.32 1.15 0.00	61.45 1.62 0.00	70.35 1.78 0.00	56.68 1.33 0.00	49.84 1.07 0.00	45.41 0.98 0.00	44.08 0.69 0.00	43.11 0.59 0.00	45.07 0.54 0.00	49.09 0.63 0.00	53.62 0.58 0.00	56.20 0.50 0.00	72.23 0.29 0.00	63.29 0.25 0.00	56.16 0.22 0.00	52.00 0.26 0.00	45.38 0.27 0.00	41.63 0.29 0.00	40.50 0.32 0.00
SITHE___OGDNSBRG 24021	44.99 1.81 0.00	41.60 1.75 0.00	41.54 1.75 0.00	40.25 1.55 0.00	40.03 1.65 0.00	46.21 2.03 0.00	62.70 2.87 0.00	71.58 3.02 0.00	57.46 2.10 0.00	50.18 1.41 0.00	45.72 1.29 0.00	44.30 0.91 0.00	43.24 0.72 0.00	45.24 0.71 0.00	49.38 0.92 0.00	53.93 0.90 0.00	56.70 1.00 0.00	73.09 1.15 0.00	64.17 1.13 0.00	57.00 1.06 0.00	52.72 0.98 0.00	46.01 0.90 0.00	42.20 0.87 0.00	41.10 0.92 0.00
SITHE___STERLING 23777	43.95 0.78 0.00	40.65 0.80 0.00	40.54 0.75 0.00	39.32 0.62 0.00	39.07 0.69 0.00	44.93 0.75 0.00	61.03 1.20 0.00	69.94 1.37 0.00	56.41 1.05 0.00	49.45 0.68 0.00	44.83 0.40 0.00	43.86 0.48 0.00	43.02 0.51 0.00	45.20 0.67 0.00	49.23 0.77 0.00	54.04 1.01 0.00	56.87 1.17 0.00	73.46 1.51 0.00	64.42 1.39 0.00	57.16 1.23 0.00	52.77 1.03 0.00	45.83 0.72 0.00	41.91 0.58 0.00	40.74 0.56 0.00
SLEIGHT__34_KV_TB1 80719	41.53 -1.64 0.00	38.18 -1.67 0.00	38.00 -1.79 0.00	37.04 -1.66 0.00	36.69 -1.69 0.00	41.66 -2.52 0.00	56.48 -3.35 0.00	65.34 -3.22 0.00	52.98 -2.38 0.00	46.72 -2.05 0.00	42.48 -1.96 0.00	41.69 -1.69 0.00	40.72 -1.79 0.00	42.70 -1.83 0.00	46.32 -2.13 0.00	50.91 -2.12 0.00	53.69 -2.01 0.00	69.21 -2.73 0.00	60.64 -2.40 0.00	53.87 -2.07 0.00	49.57 -2.17 0.00	43.12 -1.98 0.00	39.39 -1.94 0.00	38.29 -1.89 0.00
SMITHTWN_69_KV_BK 1 55830	45.98 2.81 0.00	42.28 2.43 0.00	42.06 2.27 0.00	40.95 2.24 0.00	40.76 2.38 0.00	47.45 3.27 0.00	62.88 3.05 0.00	71.93 3.36 0.00	57.41 2.05 0.00	51.50 2.73 0.00	47.50 3.07 0.00	46.77 3.38 0.00	46.12 3.61 0.00	47.96 3.43 0.00	51.70 3.25 0.00	56.37 3.34 0.00	59.54 3.84 0.00	77.56 5.61 0.00	67.95 4.92 0.00	59.85 3.92 0.00	55.20 3.47 0.00	49.08 3.97 0.00	45.47 4.13 0.00	43.92 3.74 0.00
SOUTH CAIRO___GT 23612	44.94 1.77 0.00	41.48 1.63 0.00	41.50 1.71 0.00	40.41 1.70 0.00	40.14 1.77 0.00	46.34 2.16 0.00	63.00 3.17 0.00	71.93 3.36 0.00	57.46 2.10 0.00	50.18 1.41 0.00	45.41 0.98 0.00	44.25 0.87 0.00	43.58 1.06 0.00	45.78 1.25 0.00	50.01 1.55 0.00	55.05 2.02 0.00	58.09 2.40 0.00	75.68 3.74 0.00	66.44 3.40 0.00	58.96 3.02 0.00	54.58 2.85 0.00	47.50 2.39 0.00	43.44 2.11 0.00	42.15 1.97 0.00
SOUTH HAMPTN___IC 23720	46.28 3.11 0.00	42.68 2.83 0.00	42.45 2.67 0.00	41.41 2.71 0.00	41.29 2.92 0.00	48.11 3.93 0.00	63.90 4.07 0.00	72.96 4.39 0.00	58.24 2.88 0.00	51.74 2.98 0.00	47.94 3.51 0.00	46.98 3.60 0.00	46.08 3.57 0.00	47.96 3.43 0.00	51.95 3.49 0.00	56.53 3.50 0.00	59.76 4.06 0.00	77.99 6.04 0.00	68.27 5.23 0.00	60.02 4.08 0.00	55.31 3.57 0.00	49.25 4.15 0.00	45.59 4.26 0.00	44.00 3.82 0.00
SOUTHDOWN_115KV_TB1 355954	41.27 -1.90 0.00	37.38 -2.47 0.00	37.12 -2.67 0.00	36.07 -2.63 0.00	35.31 -3.07 0.00	39.12 -5.04 0.02	52.87 -6.94 0.02	60.53 -8.02 0.01	49.36 -5.98 0.02	43.20 -5.56 0.01	39.37 -5.07 0.00	38.57 -4.82 0.00	37.52 -4.97 0.02	39.39 -5.12 0.02	42.87 -5.57 0.02	47.08 -5.94 0.02	50.18 -5.51 0.00	64.39 -7.55 0.00	56.73 -6.30 0.00	51.18 -4.75 0.00	46.88 -4.86 0.00	40.64 -4.47 0.00	37.24 -4.09 0.00	36.56 -3.62 0.00
SOUTHOLD_69_KV_BK 2 55809	46.50 3.32 0.00	42.96 3.11 0.00	42.85 3.06 0.00	41.84 3.14 0.00	41.76 3.38 0.00	48.68 4.51 0.00	64.80 4.97 0.00	74.05 5.49 0.00	58.79 3.43 0.00	52.28 3.51 0.00	48.12 3.69 0.00	47.07 3.69 0.00	46.17 3.66 0.00	47.96 3.43 0.00	51.85 3.39 0.00	56.48 3.45 0.00	59.71 4.01 0.00	77.99 6.04 0.00	68.14 5.11 0.00	59.91 3.97 0.00	55.10 3.36 0.00	48.99 3.88 0.00	45.18 3.84 0.00	43.92 3.74 0.00
SOUTHOLD___IC 23719	46.50 3.32 0.00	42.96 3.11 0.00	42.81 3.02 0.00	41.84 3.13 0.00	41.79 3.41 0.00	48.68 4.51 0.00	64.79 4.96 0.00	73.92 5.35 0.00	58.85 3.49 0.00	52.08 3.32 0.00	48.21 3.77 0.00	47.07 3.69 0.00	46.04 3.53 0.00	47.82 3.30 0.00	51.85 3.39 0.00	56.48 3.45 0.00	59.65 3.96 0.00	77.99 6.04 0.00	68.14 5.10 0.00	59.85 3.91 0.00	55.10 3.36 0.00	49.03 3.92 0.00	45.34 4.01 0.00	43.92 3.74 0.00
SOUTH_FORK_WT_PWR 323839	46.28 3.11 0.00	42.84 2.99 0.00	42.77 2.99 0.00	41.88 3.17 0.00	41.83 3.46 0.00	48.77 4.59 0.00	64.86 5.03 0.00	73.92 5.35 0.00	58.85 3.49 0.00	51.98 3.22 0.00	47.99 3.56 0.00	46.77 3.39 0.00	45.61 3.10 0.00	47.33 2.81 0.00	51.31 2.86 0.00	55.84 2.81 0.00	59.04 3.34 0.00	77.13 5.18 0.00	67.33 4.29 0.00	59.12 3.19 0.00	54.38 2.64 0.00	48.45 3.34 0.00	44.76 3.43 0.00	43.51 3.33 0.00
SPIERFLS_115KV_TB 1 80737	44.30 1.12 0.00	40.97 1.12 0.00	40.90 1.11 0.00	39.83 1.12 0.00	39.49 1.11 0.00	45.81 1.63 0.00	61.99 2.15 0.00	71.17 2.61 0.00	57.13 1.77 0.00	50.28 1.51 0.00	45.64 1.20 0.00	44.47 1.08 0.00	43.58 1.06 0.00	45.64 1.11 0.00	49.91 1.45 0.00	54.68 1.64 0.00	57.09 1.39 0.00	74.25 2.30 0.00	65.12 2.08 0.00	57.78 1.85 0.00	53.65 1.91 0.00	46.87 1.76 0.00	42.91 1.57 0.00	41.59 1.41 0.00
ST LAWRENCE____ 23600	43.48 0.30 0.00	40.13 0.28 0.00	40.10 0.32 0.00	38.98 0.27 0.00	38.68 0.31 0.00	44.57 0.40 0.00	60.37 0.54 0.00	69.18 0.62 0.00	55.75 0.39 0.00	49.06 0.29 0.00	44.70 0.27 0.00	43.52 0.13 0.00	42.56 0.04 0.00	44.48 -0.04 0.00	48.46 0.00 0.00	52.93 -0.11 0.00	55.53 -0.17 0.00	71.51 -0.43 0.00	62.60 -0.44 0.00	55.55 -0.39 0.00	51.38 -0.36 0.00	44.84 -0.27 0.00	41.09 -0.25 0.00	39.98 -0.20 0.00

STATE_CA_115KV_115_LB 55624	43.78 0.60 0.00	40.45 0.60 0.00	40.42 0.64 0.00	39.40 0.70 0.00	39.11 0.73 0.00	45.19 1.02 0.00	61.15 1.32 0.00	70.08 1.51 0.00	56.52 1.16 0.00	49.79 1.02 0.00	45.41 0.98 0.00	44.34 0.95 0.00	43.53 1.02 0.00	45.60 1.07 0.00	49.72 1.26 0.00	54.46 1.43 0.00	56.98 1.28 0.00	73.81 1.87 0.00	64.61 1.58 0.00	57.33 1.40 0.00	53.14 1.40 0.00	46.42 1.31 0.00	42.49 1.16 0.00	41.26 1.08 0.00
STATE_ST_34_KV_LOAD 55959	42.53 -0.65 0.00	39.21 -0.64 0.00	39.07 -0.72 0.00	38.05 -0.66 0.00	37.73 -0.65 0.00	43.25 -0.93 0.00	58.82 -1.02 -0.01	67.68 -0.89 0.00	54.75 -0.61 0.00	48.04 -0.73 0.00	43.68 -0.76 0.00	42.78 -0.61 0.00	41.88 -0.64 0.00	43.91 -0.62 0.00	47.78 -0.68 0.00	52.40 -0.64 0.00	55.25 -0.45 0.00	71.44 -0.50 0.00	62.60 -0.44 0.00	55.49 -0.45 0.00	51.22 -0.52 0.00	44.57 -0.54 0.00	40.76 -0.58 0.00	39.58 -0.60 0.00
STATION_5_MISC_HYD 23604	41.58 -1.60 0.00	38.02 -1.83 0.00	37.96 -1.83 0.00	36.97 -1.74 0.00	36.54 -1.84 0.00	41.12 -3.05 0.01	55.39 -4.43 0.01	64.25 -4.32 0.00	52.25 -3.10 0.01	46.18 -2.59 0.00	42.04 -2.40 0.00	41.30 -2.08 0.00	40.29 -2.21 0.01	42.25 -2.27 0.01	45.64 -2.81 0.01	50.21 -2.81 0.01	53.14 -2.56 0.00	68.28 -3.67 0.00	59.95 -3.09 0.00	53.36 -2.57 0.00	49.10 -2.64 0.00	42.63 -2.48 0.00	38.86 -2.48 0.00	37.97 -2.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.75 -1.42 0.00	38.34 -1.51 0.00	38.20 -1.59 0.00	37.24 -1.47 0.00	36.84 -1.54 0.00	41.79 -2.39 0.00	56.59 -3.23 0.01	65.48 -3.09 0.00	53.08 -2.27 0.00	46.86 -1.90 0.00	42.61 -1.82 0.00	41.82 -1.56 0.00	40.85 -1.66 0.00	42.83 -1.69 0.00	46.42 -2.04 0.00	51.01 -2.02 0.00	53.81 -1.89 0.00	69.28 -2.66 0.00	60.83 -2.21 0.00	53.98 -1.96 0.00	49.72 -2.02 0.00	43.21 -1.89 0.00	39.48 -1.86 0.00	38.41 -1.77 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.32 -1.86 0.00	37.86 -1.99 0.00	37.72 -2.07 0.00	36.81 -1.90 0.00	36.38 -2.00 0.00	40.99 -3.18 0.01	55.34 -4.49 0.01	64.18 -4.39 0.00	52.09 -3.27 0.01	46.08 -2.68 0.00	41.95 -2.49 0.00	41.17 -2.21 0.00	40.17 -2.34 0.01	42.07 -2.45 0.01	45.54 -2.91 0.01	50.11 -2.92 0.01	52.91 -2.78 0.00	68.06 -3.88 0.00	59.76 -3.28 0.00	53.14 -2.80 0.00	48.89 -2.85 0.00	42.49 -2.62 0.00	38.81 -2.52 0.00	37.81 -2.37 0.00
STA_56___34_KV_BUS2 355983	41.32 -1.86 0.00	37.86 -1.99 0.00	37.72 -2.07 0.00	36.81 -1.90 0.00	36.38 -2.00 0.00	40.99 -3.18 0.01	55.34 -4.49 0.01	64.18 -4.39 0.00	52.09 -3.27 0.01	46.08 -2.68 0.00	41.95 -2.49 0.00	41.17 -2.21 0.00	40.17 -2.34 0.01	42.07 -2.45 0.01	45.54 -2.91 0.01	50.11 -2.92 0.01	52.91 -2.78 0.00	68.06 -3.88 0.00	59.76 -3.28 0.00	53.14 -2.80 0.00	48.89 -2.85 0.00	42.49 -2.62 0.00	38.81 -2.52 0.00	37.81 -2.37 0.00
STA_67___115KV_BK2 355882	41.45 -1.73 0.00	37.98 -1.87 0.00	37.80 -1.99 0.00	36.89 -1.82 0.00	36.46 -1.92 0.00	40.99 -3.18 0.01	55.27 -4.55 0.01	64.11 -4.46 0.00	52.09 -3.27 0.01	46.08 -2.68 0.00	41.95 -2.49 0.00	41.17 -2.21 0.00	40.13 -2.38 0.01	42.07 -2.45 0.01	45.49 -2.96 0.01	50.06 -2.97 0.01	52.97 -2.73 0.00	68.06 -3.88 0.00	59.82 -3.21 0.00	53.19 -2.74 0.00	48.94 -2.79 0.00	42.54 -2.57 0.00	38.86 -2.48 0.00	37.89 -2.29 0.00
STA_7___115KV_9TRANS 80674	41.71 -1.47 0.00	38.18 -1.67 0.00	38.04 -1.75 0.00	37.08 -1.63 0.00	36.65 -1.73 0.00	41.21 -2.96 0.01	55.69 -4.13 0.01	64.65 -3.91 0.00	52.53 -2.82 0.01	46.42 -2.34 0.00	42.26 -2.18 0.00	41.52 -1.87 0.00	40.51 -2.00 0.01	42.43 -2.09 0.01	45.88 -2.57 0.01	50.53 -2.49 0.01	53.42 -2.28 0.00	68.71 -3.24 0.00	60.33 -2.71 0.00	53.64 -2.29 0.00	49.31 -2.43 0.00	42.81 -2.30 0.00	39.10 -2.23 0.00	38.09 -2.09 0.00
STA_82___115KV_TB1 80780	41.49 -1.68 0.00	37.98 -1.87 0.00	37.84 -1.95 0.00	36.89 -1.82 0.00	36.46 -1.92 0.00	40.99 -3.18 0.01	55.27 -4.55 0.01	64.17 -4.39 0.00	52.14 -3.21 0.01	46.08 -2.68 0.00	41.95 -2.49 0.00	41.17 -2.21 0.00	40.17 -2.34 0.01	42.12 -2.40 0.01	45.49 -2.96 0.01	50.11 -2.92 0.01	52.97 -2.73 0.00	68.06 -3.88 0.00	59.82 -3.21 0.00	53.25 -2.68 0.00	48.94 -2.79 0.00	42.54 -2.57 0.00	38.86 -2.48 0.00	37.89 -2.29 0.00
STEEL___WIND 323596	40.63 -2.55 0.00	36.86 -2.99 0.00	36.80 -2.98 0.00	35.76 -2.94 0.00	35.19 -3.18 0.00	38.86 -5.30 0.02	52.15 -7.66 0.02	60.12 -8.44 0.01	49.20 -6.15 0.02	43.25 -5.51 0.01	39.50 -4.93 0.00	38.70 -4.69 0.00	37.57 -4.93 0.02	39.48 -5.03 0.02	42.77 -5.67 0.02	46.97 -6.05 0.02	49.85 -5.85 0.00	63.81 -8.13 0.00	56.17 -6.87 0.00	50.57 -5.37 0.00	46.46 -5.28 0.00	40.32 -4.78 0.00	36.79 -4.55 0.00	36.28 -3.90 0.00
STEPHTWN_115KV_BK_2 55603	43.99 0.82 0.00	40.65 0.80 0.00	40.58 0.80 0.00	39.56 0.85 0.00	39.30 0.92 0.00	45.41 1.24 0.00	61.51 1.68 0.00	70.49 1.92 0.00	56.80 1.44 0.00	50.03 1.27 0.00	45.59 1.16 0.00	44.51 1.13 0.00	43.66 1.15 0.00	45.78 1.25 0.00	49.91 1.45 0.00	54.73 1.70 0.00	57.26 1.56 0.00	74.17 2.23 0.00	65.05 2.02 0.00	57.73 1.79 0.00	53.45 1.71 0.00	46.64 1.53 0.00	42.70 1.36 0.00	41.47 1.29 0.00
STEBUBEN_REC_LFGE 323667	41.58 -1.60 0.00	37.94 -1.91 0.00	37.56 -2.23 0.00	36.58 -2.13 0.00	36.00 -2.38 0.00	40.11 -4.02 0.04	54.21 -5.56 0.06	62.23 -6.31 0.03	50.17 -5.15 0.04	43.86 -4.88 0.03	39.73 -4.71 0.00	38.92 -4.47 0.00	37.88 -4.59 0.04	39.86 -4.63 0.04	43.52 -4.89 0.04	47.69 -5.30 0.04	50.58 -5.12 0.00	65.54 -6.40 0.00	57.81 -5.23 0.00	51.52 -4.42 0.00	47.39 -4.35 0.00	41.32 -3.79 0.00	37.82 -3.51 0.00	36.84 -3.33 0.00
STILLWATER___SOLAR 323814	44.51 1.34 0.00	41.16 1.31 0.00	41.10 1.31 0.00	40.02 1.32 0.00	39.68 1.31 0.00	45.95 1.77 0.00	62.23 2.40 0.00	71.38 2.81 0.00	57.41 2.05 0.00	50.43 1.66 0.00	45.86 1.42 0.00	44.73 1.35 0.00	43.83 1.32 0.00	45.95 1.42 0.00	50.25 1.79 0.00	55.10 2.07 0.00	57.70 2.00 0.00	74.82 2.88 0.00	65.62 2.59 0.00	58.23 2.29 0.00	53.96 2.22 0.00	47.09 1.98 0.00	43.11 1.78 0.00	41.83 1.65 0.00
STONY___BROOK 24151	45.94 2.77 0.00	42.28 2.43 0.00	41.97 2.19 0.00	40.91 2.21 0.00	40.72 2.34 0.00	47.40 3.22 0.00	62.88 3.05 0.00	71.79 3.22 0.00	57.46 2.10 0.00	51.30 2.53 0.00	47.59 3.16 0.00	46.77 3.39 0.00	45.95 3.44 0.00	47.82 3.30 0.00	51.70 3.25 0.00	56.38 3.34 0.00	59.49 3.79 0.00	77.48 5.54 0.00	67.89 4.85 0.00	59.79 3.86 0.00	55.15 3.41 0.00	49.12 4.01 0.00	45.55 4.22 0.00	43.87 3.69 0.00
STURGEON_POOL_HYD 23609	45.16 1.99 0.00	41.60 1.75 0.00	41.58 1.79 0.00	40.41 1.70 0.00	40.07 1.69 0.00	46.30 2.12 0.00	62.76 2.93 0.00	71.65 3.09 0.00	57.74 2.38 0.00	51.11 2.34 0.00	46.57 2.13 0.00	45.55 2.17 0.00	44.89 2.38 0.00	47.02 2.49 0.00	51.12 2.67 0.00	55.79 2.76 0.00	58.71 3.01 0.00	75.90 3.96 0.00	66.50 3.47 0.00	59.01 3.08 0.00	54.74 3.00 0.00	47.81 2.71 0.00	43.78 2.44 0.00	42.43 2.25 0.00

ST_LAW_115_BK7_LBMP 345037	43.56 0.39 0.00	40.21 0.36 0.00	40.15 0.36 0.00	39.05 0.35 0.00	38.76 0.38 0.00	44.66 0.49 0.00	60.49 0.66 0.00	69.32 0.76 0.00	55.80 0.44 0.00	49.15 0.39 0.00	44.79 0.35 0.00	43.56 0.17 0.00	42.60 0.09 0.00	44.53 0.00 0.00	48.46 0.00 0.00	52.98 -0.05 0.00	55.53 -0.17 0.00	71.59 -0.36 0.00	62.66 -0.38 0.00	55.55 -0.39 0.00	51.43 -0.31 0.00	44.84 -0.27 0.00	41.13 -0.21 0.00	40.02 -0.16 0.00
ST_LAW_115_BK8_LBMP 345038	43.56 0.39 0.00	40.21 0.36 0.00	40.15 0.36 0.00	39.05 0.35 0.00	38.76 0.38 0.00	44.66 0.49 0.00	60.49 0.66 0.00	69.32 0.76 0.00	55.80 0.44 0.00	49.15 0.39 0.00	44.79 0.35 0.00	43.56 0.17 0.00	42.60 0.09 0.00	44.53 0.00 0.00	48.46 0.00 0.00	52.98 -0.05 0.00	55.53 -0.17 0.00	71.59 -0.36 0.00	62.66 -0.38 0.00	55.55 -0.39 0.00	51.43 -0.31 0.00	44.84 -0.27 0.00	41.13 -0.21 0.00	40.02 -0.16 0.00
ST_LAW_230_BK5_LBMP 345035	43.48 0.30 0.00	40.13 0.28 0.00	40.10 0.32 0.00	38.98 0.27 0.00	38.68 0.31 0.00	44.57 0.40 0.00	60.37 0.54 0.00	69.18 0.62 0.00	55.75 0.39 0.00	49.06 0.29 0.00	44.70 0.27 0.00	43.52 0.13 0.00	42.56 0.04 0.00	44.48 -0.04 0.00	48.46 0.00 0.00	52.93 -0.11 0.00	55.53 -0.17 0.00	71.51 -0.43 0.00	62.60 -0.44 0.00	55.55 -0.39 0.00	51.38 -0.36 0.00	44.84 -0.27 0.00	41.09 -0.25 0.00	39.98 -0.20 0.00
ST_LAW_230_BK6_LBMP 345036	43.48 0.30 0.00	40.13 0.28 0.00	40.10 0.32 0.00	38.98 0.27 0.00	38.68 0.31 0.00	44.57 0.40 0.00	60.37 0.54 0.00	69.18 0.62 0.00	55.75 0.39 0.00	49.06 0.29 0.00	44.70 0.27 0.00	43.52 0.13 0.00	42.56 0.04 0.00	44.48 -0.04 0.00	48.46 0.00 0.00	52.93 -0.11 0.00	55.53 -0.17 0.00	71.51 -0.43 0.00	62.60 -0.44 0.00	55.55 -0.39 0.00	51.38 -0.36 0.00	44.84 -0.27 0.00	41.09 -0.25 0.00	39.98 -0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.03 1.86 0.00	41.48 1.63 0.00	41.46 1.67 0.00	40.29 1.59 0.00	39.99 1.61 0.00	46.16 1.99 0.00	62.58 2.75 0.00	71.52 2.95 0.00	57.68 2.33 0.00	51.06 2.29 0.00	46.61 2.18 0.00	45.60 2.21 0.00	44.85 2.34 0.00	46.98 2.45 0.00	51.07 2.62 0.00	55.79 2.76 0.00	58.60 2.90 0.00	75.76 3.81 0.00	66.32 3.28 0.00	58.84 2.91 0.00	54.58 2.85 0.00	47.68 2.57 0.00	43.69 2.36 0.00	42.35 2.17 0.00
SWANROAD_115KV_TB1 355699	39.81 -3.37 0.00	36.18 -3.67 0.00	36.05 -3.74 0.00	35.18 -3.52 0.00	34.73 -3.65 0.00	37.76 -6.41 0.01	50.36 -9.45 0.01	58.55 -10.01 0.01	47.93 -7.42 0.01	42.42 -6.34 0.01	38.70 -5.73 0.00	37.92 -5.47 0.00	36.80 -5.70 0.01	38.64 -5.88 0.01	41.66 -6.78 0.01	45.91 -7.11 0.01	48.68 -7.02 0.00	62.23 -9.71 0.00	54.84 -8.19 0.00	49.34 -6.60 0.00	45.32 -6.42 0.00	39.47 -5.64 0.00	36.09 -5.25 0.00	35.44 -4.74 0.00
SYNERGY___BIOGAS 323694	41.36 -1.81 0.00	37.74 -2.11 0.00	37.56 -2.23 0.00	36.65 -2.05 0.00	36.15 -2.23 0.00	39.97 -4.20 0.01	53.90 -5.92 0.01	62.66 -5.90 0.01	50.97 -4.37 0.01	45.00 -3.76 0.01	40.88 -3.55 0.00	40.13 -3.25 0.00	39.02 -3.49 0.01	40.96 -3.56 0.01	44.23 -4.22 0.01	48.73 -4.30 0.01	51.74 -3.95 0.00	66.40 -5.54 0.00	58.56 -4.48 0.00	52.36 -3.58 0.00	48.01 -3.73 0.00	41.68 -3.43 0.00	38.03 -3.31 0.00	37.17 -3.01 0.00
SYRACUSE___ENERGY_ST1 323597	42.44 -0.73 0.00	39.17 -0.68 0.00	39.03 -0.76 0.00	38.01 -0.70 0.00	37.69 -0.69 0.00	43.29 -0.88 0.00	58.69 -1.14 0.00	67.47 -1.10 0.00	54.64 -0.72 0.00	48.03 -0.73 0.00	43.68 -0.76 0.00	42.78 -0.61 0.00	41.92 -0.60 0.00	43.91 -0.62 0.00	47.78 -0.68 0.00	52.34 -0.69 0.00	55.09 -0.61 0.00	71.15 -0.79 0.00	62.28 -0.76 0.00	55.26 -0.67 0.00	51.07 -0.67 0.00	44.43 -0.68 0.00	40.72 -0.62 0.00	39.54 -0.64 0.00
SYRACUSE___ENERGY_ST2 323598	42.44 -0.73 0.00	39.17 -0.68 0.00	39.03 -0.76 0.00	38.01 -0.70 0.00	37.69 -0.69 0.00	43.29 -0.88 0.00	58.69 -1.14 0.00	67.47 -1.10 0.00	54.64 -0.72 0.00	48.03 -0.73 0.00	43.68 -0.76 0.00	42.78 -0.61 0.00	41.92 -0.60 0.00	43.91 -0.62 0.00	47.78 -0.68 0.00	52.34 -0.69 0.00	55.09 -0.61 0.00	71.15 -0.79 0.00	62.28 -0.76 0.00	55.26 -0.67 0.00	51.07 -0.67 0.00	44.43 -0.68 0.00	40.72 -0.62 0.00	39.54 -0.64 0.00
SYRACUSE___POWER 24017	42.40 -0.78 0.00	39.13 -0.72 0.00	38.99 -0.80 0.00	37.97 -0.74 0.00	37.65 -0.73 0.00	43.21 -0.97 0.00	58.64 -1.20 0.00	67.40 -1.17 0.00	54.53 -0.83 0.00	47.99 -0.78 0.00	43.64 -0.80 0.00	42.69 -0.69 0.00	41.84 -0.68 0.00	43.86 -0.67 0.00	47.73 -0.73 0.00	52.29 -0.74 0.00	55.03 -0.67 0.00	71.08 -0.86 0.00	62.28 -0.76 0.00	55.26 -0.67 0.00	51.01 -0.72 0.00	44.43 -0.68 0.00	40.67 -0.66 0.00	39.54 -0.64 0.00
TALLMAN__138KV_BK151 55660	45.20 2.03 0.00	41.68 1.83 0.00	41.62 1.83 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.39 2.21 0.00	63.00 3.17 0.00	72.00 3.43 0.00	58.07 2.71 0.00	51.45 2.68 0.00	47.01 2.58 0.00	45.99 2.60 0.00	45.23 2.72 0.00	47.38 2.85 0.00	51.46 3.00 0.00	56.21 3.18 0.00	59.04 3.34 0.00	76.33 4.39 0.00	66.76 3.72 0.00	59.29 3.36 0.00	54.95 3.21 0.00	47.99 2.89 0.00	43.98 2.65 0.00	42.67 2.49 0.00
TEALLAVE_115KV_TB7 355573	42.22 -0.95 0.00	38.97 -0.88 0.00	38.83 -0.95 0.00	37.82 -0.89 0.00	37.50 -0.88 0.00	43.03 -1.15 0.00	58.34 -1.50 0.00	67.06 -1.51 0.00	54.31 -1.05 0.00	47.79 -0.98 0.00	43.46 -0.98 0.00	42.56 -0.82 0.00	41.70 -0.81 0.00	43.68 -0.85 0.00	47.54 -0.92 0.00	52.08 -0.95 0.00	54.75 -0.95 0.00	70.72 -1.22 0.00	61.97 -1.07 0.00	54.98 -0.95 0.00	50.76 -0.98 0.00	44.21 -0.90 0.00	40.47 -0.87 0.00	39.34 -0.84 0.00
TELGRAPH_34_KV_EAST 80808	40.67 -2.50 0.00	37.02 -2.83 0.00	36.84 -2.94 0.00	35.96 -2.75 0.00	35.50 -2.88 0.00	39.00 -5.17 0.01	52.34 -7.48 0.01	60.81 -7.75 0.01	49.64 -5.70 0.01	43.83 -4.93 0.01	39.95 -4.49 0.00	39.18 -4.21 0.00	38.08 -4.42 0.01	39.93 -4.59 0.01	43.11 -5.33 0.01	47.51 -5.52 0.01	50.41 -5.29 0.00	64.53 -7.41 0.00	56.86 -6.18 0.00	51.01 -4.92 0.00	46.82 -4.92 0.00	40.73 -4.38 0.00	37.20 -4.13 0.00	36.44 -3.74 0.00
TEMPLE___115KV_TB 2 55572	42.22 -0.95 0.00	38.97 -0.88 0.00	38.83 -0.95 0.00	37.82 -0.89 0.00	37.50 -0.88 0.00	43.03 -1.15 0.00	58.34 -1.50 0.00	67.06 -1.51 0.00	54.31 -1.05 0.00	47.79 -0.98 0.00	43.50 -0.93 0.00	42.56 -0.82 0.00	41.70 -0.81 0.00	43.73 -0.80 0.00	47.58 -0.87 0.00	52.13 -0.90 0.00	54.81 -0.89 0.00	70.72 -1.22 0.00	61.97 -1.07 0.00	54.98 -0.95 0.00	50.81 -0.93 0.00	44.21 -0.90 0.00	40.51 -0.83 0.00	39.34 -0.84 0.00
TIANA____69_KV_BK 1 55817	46.24 3.07 0.00	42.60 2.75 0.00	42.41 2.63 0.00	41.34 2.63 0.00	41.18 2.80 0.00	47.98 3.80 0.00	63.72 3.89 0.00	72.82 4.25 0.00	58.02 2.66 0.00	51.84 3.07 0.00	47.81 3.38 0.00	46.98 3.60 0.00	46.25 3.74 0.00	48.09 3.56 0.00	51.94 3.49 0.00	56.59 3.55 0.00	59.82 4.12 0.00	78.06 6.12 0.00	68.33 5.30 0.00	60.13 4.20 0.00	55.36 3.62 0.00	49.26 4.15 0.00	45.51 4.17 0.00	44.04 3.86 0.00

TILDEN___115KV_TB1 80814	42.40 -0.78 0.00	39.13 -0.72 0.00	38.99 -0.80 0.00	37.97 -0.74 0.00	37.65 -0.73 0.00	43.21 -0.97 0.00	58.64 -1.20 0.00	67.40 -1.17 0.00	54.53 -0.83 0.00	47.99 -0.78 0.00	43.64 -0.80 0.00	42.69 -0.69 0.00	41.84 -0.68 0.00	43.86 -0.67 0.00	47.73 -0.73 0.00	52.29 -0.74 0.00	55.03 -0.67 0.00	71.08 -0.86 0.00	62.28 -0.76 0.00	55.26 -0.67 0.00	51.01 -0.72 0.00	44.43 -0.68 0.00	40.67 -0.66 0.00	39.54 -0.64 0.00
TRIGEN___CC 323695	45.72 2.55 0.00	42.08 2.23 0.00	41.86 2.07 0.00	40.72 2.01 0.00	40.49 2.11 0.00	47.05 2.87 0.00	62.82 2.99 0.00	71.79 3.22 0.00	57.57 2.21 0.00	51.50 2.73 0.00	47.37 2.93 0.00	46.55 3.17 0.00	45.87 3.36 0.00	47.78 3.25 0.00	51.60 3.15 0.00	56.27 3.24 0.00	59.26 3.56 0.00	76.91 4.96 0.00	67.32 4.29 0.00	59.52 3.58 0.00	55.00 3.26 0.00	48.63 3.52 0.00	44.85 3.51 0.00	43.39 3.21 0.00
TRINITY___115KV___4 BK 55933	43.61 0.43 0.00	40.33 0.48 0.00	40.27 0.48 0.00	39.25 0.54 0.00	38.95 0.58 0.00	45.02 0.84 0.00	60.91 1.08 0.00	69.73 1.17 0.00	56.30 0.94 0.00	49.60 0.83 0.00	45.24 0.80 0.00	44.17 0.78 0.00	43.36 0.85 0.00	45.42 0.89 0.00	49.52 1.07 0.00	54.20 1.17 0.00	56.76 1.06 0.00	73.45 1.51 0.00	64.36 1.32 0.00	57.11 1.17 0.00	52.93 1.19 0.00	46.23 1.13 0.00	42.33 0.99 0.00	41.14 0.96 0.00
UNION___PROCESSING_DRP 323587	41.49 -1.68 0.00	37.98 -1.87 0.00	37.84 -1.95 0.00	36.89 -1.82 0.00	36.46 -1.92 0.00	40.99 -3.18 0.01	55.33 -4.49 0.01	64.17 -4.39 0.00	52.14 -3.21 0.01	46.13 -2.63 0.00	41.99 -2.44 0.00	41.22 -2.17 0.00	40.17 -2.34 0.01	42.12 -2.40 0.01	45.54 -2.91 0.01	50.11 -2.92 0.01	52.97 -2.73 0.00	68.13 -3.81 0.00	59.82 -3.21 0.00	53.25 -2.68 0.00	49.00 -2.74 0.00	42.54 -2.57 0.00	38.90 -2.44 0.00	37.89 -2.29 0.00
UPPER HUDSON___HYD 24058	44.30 1.12 0.00	40.96 1.11 0.00	40.90 1.11 0.00	39.83 1.12 0.00	39.45 1.07 0.00	45.81 1.64 0.00	61.98 2.15 0.00	71.17 2.60 0.00	57.13 1.77 0.00	50.23 1.46 0.00	45.64 1.20 0.00	44.47 1.09 0.00	43.58 1.06 0.00	45.64 1.11 0.00	49.91 1.45 0.00	54.68 1.65 0.00	57.09 1.39 0.00	74.25 2.30 0.00	65.11 2.08 0.00	57.78 1.84 0.00	53.65 1.92 0.00	46.82 1.71 0.00	42.91 1.57 0.00	41.59 1.41 0.00
UPPER RAQUET___HYD 24056	44.43 1.25 0.00	41.04 1.19 0.00	41.02 1.23 0.00	39.79 1.08 0.00	39.53 1.15 0.00	45.59 1.41 0.00	61.87 2.04 0.00	70.76 2.19 0.00	56.91 1.55 0.00	49.89 1.12 0.00	45.41 0.98 0.00	44.04 0.65 0.00	43.02 0.51 0.00	45.02 0.49 0.00	49.09 0.63 0.00	53.41 0.37 0.00	55.76 0.06 0.00	71.51 -0.43 0.00	62.72 -0.31 0.00	55.71 -0.22 0.00	51.64 -0.10 0.00	45.29 0.18 0.00	41.63 0.29 0.00	40.54 0.36 0.00
VALLEY44_115KV_TB2 355964	40.67 -2.50 0.00	36.98 -2.87 0.00	36.80 -2.98 0.00	35.84 -2.86 0.00	35.27 -3.11 0.00	39.34 -4.82 0.02	53.71 -6.10 0.02	61.22 -7.34 0.01	49.69 -5.65 0.02	43.49 -5.27 0.01	39.77 -4.67 0.00	38.96 -4.43 0.00	37.95 -4.55 0.02	39.79 -4.72 0.02	43.59 -4.85 0.02	47.50 -5.52 0.02	50.52 -5.18 0.00	64.75 -7.19 0.00	57.11 -5.93 0.00	51.18 -4.75 0.00	46.98 -4.76 0.00	40.82 -4.29 0.00	37.37 -3.97 0.00	36.48 -3.70 0.00
VALLEY___115KV_TB 1-4 80826	45.03 1.86 0.00	41.60 1.75 0.00	41.50 1.71 0.00	40.33 1.63 0.00	39.91 1.54 0.00	45.90 1.72 0.00	62.16 2.33 0.00	71.04 2.47 0.00	57.13 1.77 0.00	50.23 1.46 0.00	45.72 1.29 0.00	44.64 1.26 0.00	43.70 1.19 0.00	45.82 1.29 0.00	49.81 1.36 0.00	54.62 1.59 0.00	57.37 1.67 0.00	74.10 2.16 0.00	65.05 2.02 0.00	57.78 1.85 0.00	53.39 1.66 0.00	46.51 1.40 0.00	42.66 1.32 0.00	41.51 1.33 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.73 1.55 0.00	41.36 1.51 0.00	41.30 1.51 0.00	40.02 1.32 0.00	39.72 1.34 0.00	45.72 1.55 0.00	62.04 2.21 0.00	71.10 2.54 0.00	57.46 2.10 0.00	50.62 1.85 0.00	45.99 1.56 0.00	44.99 1.61 0.00	44.09 1.57 0.00	46.35 1.83 0.00	50.49 2.04 0.00	55.47 2.44 0.00	58.26 2.56 0.00	75.25 3.31 0.00	65.87 2.84 0.00	58.51 2.57 0.00	54.07 2.33 0.00	46.96 1.85 0.00	42.99 1.65 0.00	41.75 1.57 0.00
VISCHER___FERRY HYD 24020	44.04 0.86 0.00	40.77 0.92 0.00	40.70 0.92 0.00	39.63 0.93 0.00	39.34 0.96 0.00	45.59 1.41 0.00	61.69 1.86 0.00	70.70 2.13 0.00	57.02 1.66 0.00	50.18 1.42 0.00	45.68 1.24 0.00	44.60 1.21 0.00	43.70 1.19 0.00	45.86 1.33 0.00	50.01 1.55 0.00	54.84 1.80 0.00	57.43 1.73 0.00	74.39 2.45 0.00	65.18 2.14 0.00	57.84 1.90 0.00	53.60 1.86 0.00	46.78 1.67 0.00	42.87 1.53 0.00	41.59 1.41 0.00
V_A_10_SYNC_DSASP 323832	40.50 -2.68 0.00	36.86 -2.99 0.00	36.72 -3.06 0.00	35.84 -2.86 0.00	35.38 -2.99 0.00	39.22 -4.95 0.01	52.46 -7.36 0.01	61.09 -7.47 0.01	49.76 -5.59 0.01	44.08 -4.68 0.01	40.21 -4.22 0.00	39.44 -3.95 0.00	38.34 -4.17 0.01	40.16 -4.36 0.01	43.31 -5.14 0.01	47.77 -5.25 0.01	50.63 -5.07 0.00	64.89 -7.05 0.00	57.11 -5.93 0.00	51.07 -4.87 0.00	46.98 -4.76 0.00	40.87 -4.24 0.00	37.37 -3.97 0.00	36.60 -3.58 0.00
V_CMM_10_SYNC_DSASP 323787	43.78 0.60 0.00	40.37 0.52 0.00	40.35 0.56 0.00	39.25 0.54 0.00	38.95 0.58 0.00	44.88 0.71 0.00	60.85 1.02 0.00	69.60 1.03 0.00	56.13 0.78 0.00	49.35 0.59 0.00	45.01 0.58 0.00	43.73 0.35 0.00	42.73 0.21 0.00	44.75 0.22 0.00	48.70 0.24 0.00	53.25 0.21 0.00	55.81 0.11 0.00	71.80 -0.14 0.00	62.91 -0.13 0.00	55.77 -0.17 0.00	51.64 -0.10 0.00	45.02 -0.09 0.00	41.29 -0.04 0.00	40.18 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	43.69 0.52 0.00	40.33 0.48 0.00	40.31 0.52 0.00	39.21 0.50 0.00	38.95 0.58 0.00	45.02 0.84 0.00	61.09 1.26 0.00	69.94 1.37 0.00	56.30 0.94 0.00	49.45 0.68 0.00	45.06 0.62 0.00	43.69 0.30 0.00	42.64 0.13 0.00	44.48 -0.04 0.00	48.31 -0.15 0.00	52.61 -0.42 0.00	55.09 -0.61 0.00	70.65 -1.29 0.00	61.71 -1.32 0.00	54.70 -1.23 0.00	50.60 -1.14 0.00	44.11 -0.99 0.00	40.51 -0.83 0.00	39.46 -0.72 0.00
V_D_10_SYNC_DSASP 323841	44.17 0.99 0.00	40.77 0.92 0.00	40.74 0.95 0.00	39.60 0.89 0.00	39.30 0.92 0.00	45.33 1.15 0.00	61.45 1.62 0.00	70.28 1.71 0.00	56.63 1.27 0.00	49.74 0.98 0.00	45.41 0.98 0.00	44.04 0.65 0.00	43.02 0.51 0.00	45.06 0.53 0.00	49.09 0.63 0.00	53.62 0.58 0.00	56.20 0.50 0.00	72.23 0.29 0.00	63.29 0.25 0.00	56.16 0.22 0.00	52.00 0.26 0.00	45.38 0.27 0.00	41.63 0.29 0.00	40.50 0.32 0.00
V_E_10_SYNC_DSASP 323830	45.59 2.42 0.00	42.20 2.35 0.00	41.94 2.15 0.00	40.41 1.70 0.00	40.18 1.80 0.00	46.00 1.81 -0.01	62.54 2.69 -0.02	71.53 2.95 -0.01	57.53 2.16 -0.01	49.95 1.17 -0.01	44.88 0.44 0.00	43.82 0.43 0.00	42.95 0.43 -0.01	45.35 0.80 -0.01	49.59 1.11 -0.01	54.74 1.70 -0.01	57.82 2.12 0.00	75.33 3.38 0.00	66.00 2.96 0.00	58.68 2.74 0.00	54.07 2.33 0.00	46.51 1.40 0.00	42.58 1.24 0.00	41.47 1.29 0.00

V_F_30_NSYNC___DSASP 323816	44.56 1.38 0.00	41.20 1.35 0.00	41.14 1.35 0.00	40.06 1.35 0.00	39.72 1.34 0.00	45.99 1.81 0.00	62.28 2.45 0.00	71.45 2.88 0.00	57.46 2.10 0.00	50.52 1.76 0.00	45.90 1.47 0.00	44.77 1.39 0.00	43.92 1.40 0.00	46.04 1.51 0.00	50.30 1.84 0.00	55.15 2.12 0.00	57.76 2.06 0.00	74.89 2.95 0.00	65.68 2.65 0.00	58.28 2.35 0.00	54.01 2.28 0.00	47.14 2.03 0.00	43.15 1.82 0.00	41.87 1.69 0.00
V_F_30_SYNC_DSASP 323786	43.74 0.56 0.00	40.45 0.60 0.00	40.42 0.64 0.00	39.40 0.70 0.00	39.11 0.73 0.00	45.15 0.97 0.00	61.15 1.32 0.00	70.08 1.51 0.00	56.52 1.16 0.00	49.79 1.02 0.00	45.41 0.98 0.00	44.34 0.95 0.00	43.53 1.02 0.00	45.60 1.07 0.00	49.72 1.26 0.00	54.46 1.43 0.00	56.98 1.28 0.00	73.74 1.80 0.00	64.61 1.58 0.00	57.33 1.40 0.00	53.14 1.40 0.00	46.37 1.26 0.00	42.49 1.16 0.00	41.26 1.08 0.00
V_XM_10_SYNC_DSASP 323789	43.69 0.52 0.00	40.33 0.48 0.00	40.31 0.52 0.00	39.21 0.50 0.00	38.95 0.58 0.00	45.02 0.84 0.00	61.09 1.26 0.00	69.94 1.37 0.00	56.30 0.94 0.00	49.45 0.68 0.00	45.06 0.62 0.00	43.69 0.30 0.00	42.64 0.13 0.00	44.48 -0.04 0.00	48.31 -0.15 0.00	52.61 -0.42 0.00	55.09 -0.61 0.00	70.65 -1.29 0.00	61.71 -1.32 0.00	54.70 -1.23 0.00	50.60 -1.14 0.00	44.11 -0.99 0.00	40.51 -0.83 0.00	39.46 -0.72 0.00
W.BABYLN_69_KV_BK1 56697	46.33 3.15 0.00	42.64 2.79 0.00	42.37 2.59 0.00	41.22 2.52 0.00	41.03 2.65 0.00	47.75 3.58 0.00	63.60 3.77 0.00	72.68 4.11 0.00	58.02 2.66 0.00	51.89 3.12 0.00	47.90 3.47 0.00	47.16 3.77 0.00	46.46 3.95 0.00	48.36 3.83 0.00	52.23 3.78 0.00	56.96 3.92 0.00	60.16 4.46 0.00	78.27 6.33 0.00	68.58 5.55 0.00	60.47 4.53 0.00	55.77 4.04 0.00	49.48 4.38 0.00	45.68 4.34 0.00	44.12 3.94 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.42 2.25 0.00	41.84 1.99 0.00	41.78 1.99 0.00	40.60 1.90 0.00	40.30 1.92 0.00	46.56 2.39 0.00	63.30 3.47 0.00	72.34 3.77 0.00	58.35 2.99 0.00	51.69 2.93 0.00	47.23 2.80 0.00	46.16 2.78 0.00	45.45 2.93 0.00	47.60 3.07 0.00	51.75 3.30 0.00	56.48 3.45 0.00	59.38 3.68 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.63 3.69 0.00	55.26 3.52 0.00	48.22 3.11 0.00	44.19 2.85 0.00	42.83 2.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.68 2.50 0.00	42.13 2.27 0.00	42.02 2.23 0.00	40.84 2.13 0.00	40.53 2.15 0.00	46.88 2.69 0.00	63.54 3.71 0.00	72.61 4.05 0.00	58.68 3.32 0.00	52.14 3.36 -0.01	47.65 3.20 -0.01	46.66 3.25 -0.03	45.85 3.32 -0.02	47.98 3.43 -0.03	52.12 3.63 -0.03	56.75 3.71 0.00	59.60 3.90 0.00	76.91 4.96 0.00	67.26 4.22 0.00	59.80 3.86 0.00	55.46 3.73 0.00	48.40 3.29 0.00	44.44 3.10 0.00	43.08 2.89 0.00
W50THST__13_KV_LOAD 356117	45.86 2.68 0.00	42.29 2.43 0.00	42.14 2.35 0.00	40.95 2.24 0.00	40.68 2.30 0.00	47.05 2.87 0.00	63.84 4.01 0.00	72.96 4.39 0.00	58.96 3.60 0.00	52.39 3.61 -0.01	47.91 3.47 -0.01	46.93 3.51 -0.03	46.06 3.53 -0.02	48.25 3.70 -0.03	52.41 3.93 -0.03	57.01 3.98 0.00	59.88 4.18 0.00	77.34 5.40 0.00	67.58 4.54 0.00	60.02 4.08 0.00	55.67 3.93 0.00	48.63 3.52 0.00	44.61 3.27 0.00	43.24 3.05 0.00
WADING RIVER_IC_1 23522	46.11 2.94 0.00	42.44 2.59 0.00	42.18 2.39 0.00	41.11 2.40 0.00	40.95 2.57 0.00	47.71 3.54 0.00	63.36 3.53 0.00	72.27 3.70 0.00	57.74 2.38 0.00	51.45 2.68 0.00	47.72 3.29 0.00	46.81 3.43 0.00	45.95 3.44 0.00	47.82 3.30 0.00	51.80 3.34 0.00	56.43 3.40 0.00	59.60 3.90 0.00	77.77 5.82 0.00	68.14 5.10 0.00	59.97 4.03 0.00	55.26 3.52 0.00	49.25 4.15 0.00	45.63 4.30 0.00	43.95 3.78 0.00
WADING RIVER_IC_2 23547	46.11 2.94 0.00	42.44 2.59 0.00	42.18 2.39 0.00	41.11 2.40 0.00	40.95 2.57 0.00	47.71 3.54 0.00	63.36 3.53 0.00	72.27 3.70 0.00	57.74 2.38 0.00	51.45 2.68 0.00	47.72 3.29 0.00	46.81 3.43 0.00	45.95 3.44 0.00	47.82 3.30 0.00	51.80 3.34 0.00	56.43 3.40 0.00	59.60 3.90 0.00	77.77 5.82 0.00	68.14 5.10 0.00	59.97 4.03 0.00	55.26 3.52 0.00	49.25 4.15 0.00	45.63 4.30 0.00	43.95 3.78 0.00
WADING RIVER_IC_3 23601	46.11 2.94 0.00	42.44 2.59 0.00	42.18 2.39 0.00	41.11 2.40 0.00	40.95 2.57 0.00	47.71 3.54 0.00	63.36 3.53 0.00	72.27 3.70 0.00	57.74 2.38 0.00	51.45 2.68 0.00	47.72 3.29 0.00	46.81 3.43 0.00	45.95 3.44 0.00	47.82 3.30 0.00	51.80 3.34 0.00	56.43 3.40 0.00	59.60 3.90 0.00	77.77 5.82 0.00	68.14 5.10 0.00	59.97 4.03 0.00	55.26 3.52 0.00	49.25 4.15 0.00	45.63 4.30 0.00	43.95 3.78 0.00
WALDENNY_12_KV_BK2 80841	40.63 -2.55 0.00	36.90 -2.95 0.00	36.72 -3.06 0.00	35.80 -2.90 0.00	35.23 -3.15 0.00	38.82 -5.35 0.01	52.16 -7.66 0.02	60.19 -8.37 0.01	49.20 -6.14 0.01	43.39 -5.36 0.01	39.55 -4.89 0.00	38.79 -4.60 0.00	37.69 -4.80 0.01	39.53 -4.99 0.01	42.82 -5.62 0.01	47.03 -5.99 0.01	49.91 -5.79 0.00	63.89 -8.06 0.00	56.23 -6.81 0.00	50.57 -5.37 0.00	46.46 -5.28 0.00	40.37 -4.74 0.00	36.95 -4.38 0.00	36.24 -3.94 0.00
WALDEN___HYDRO 24148	45.20 2.03 0.00	41.64 1.79 0.00	41.62 1.83 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.34 2.16 0.00	62.88 3.05 0.00	71.79 3.22 0.00	57.90 2.55 0.00	51.20 2.44 0.00	46.75 2.31 0.00	45.68 2.30 0.00	44.98 2.47 0.00	47.11 2.58 0.00	51.22 2.76 0.00	55.95 2.92 0.00	58.82 3.12 0.00	76.12 4.17 0.00	66.63 3.59 0.00	59.12 3.19 0.00	54.84 3.10 0.00	47.86 2.75 0.00	43.86 2.52 0.00	42.51 2.33 0.00
WARRENSBURG____ 23737	44.30 1.12 0.00	40.97 1.12 0.00	40.90 1.11 0.00	39.83 1.12 0.00	39.49 1.11 0.00	45.81 1.63 0.00	61.99 2.15 0.00	71.17 2.61 0.00	57.13 1.77 0.00	50.28 1.51 0.00	45.64 1.20 0.00	44.47 1.08 0.00	43.58 1.06 0.00	45.64 1.11 0.00	49.91 1.45 0.00	54.68 1.64 0.00	57.09 1.39 0.00	74.25 2.30 0.00	65.12 2.08 0.00	57.78 1.85 0.00	53.65 1.91 0.00	46.87 1.76 0.00	42.91 1.57 0.00	41.59 1.41 0.00
WATERSIDE___6 8 9 23538	45.90 2.72 -0.01	42.33 2.47 -0.01	42.22 2.43 -0.01	41.03 2.32 0.00	40.73 2.34 -0.01	47.06 2.87 -0.01	63.54 3.71 0.00	72.27 3.70 0.00	58.57 3.21 0.00	52.15 3.36 -0.02	47.61 3.15 -0.02	46.55 3.12 -0.04	45.82 3.27 -0.03	47.91 3.34 -0.04	52.08 3.59 -0.04	56.69 3.66 0.00	59.43 3.73 0.00	76.55 4.60 0.00	66.95 3.91 0.00	59.63 3.69 0.00	55.46 3.73 0.00	48.58 3.47 0.00	44.61 3.27 -0.01	43.24 3.05 -0.01
WATKINRD_115KV_LN8_ILLION 55919	44.47 1.30 0.00	41.05 1.20 0.00	40.98 1.19 0.00	39.83 1.12 0.00	39.41 1.04 0.00	45.37 1.19 0.00	61.45 1.62 0.00	70.28 1.71 0.00	56.58 1.22 0.00	49.79 1.02 0.00	45.32 0.89 0.00	44.30 0.91 0.00	43.36 0.85 0.00	45.46 0.94 0.00	49.43 0.97 0.00	54.20 1.17 0.00	56.93 1.23 0.00	73.53 1.58 0.00	64.49 1.45 0.00	57.28 1.34 0.00	52.98 1.24 0.00	46.14 1.04 0.00	42.29 0.95 0.00	41.14 0.96 0.00

WDELAWARE___HYD 323627	45.16 1.99 0.00	41.64 1.79 0.00	41.58 1.79 0.00	40.45 1.74 0.00	40.14 1.77 0.00	46.30 2.12 0.00	62.94 3.11 0.00	71.79 3.22 0.00	57.74 2.38 0.00	50.91 2.14 0.00	46.39 1.95 0.00	45.34 1.95 0.00	44.64 2.12 0.00	46.84 2.31 0.00	50.98 2.52 0.00	55.79 2.76 0.00	58.76 3.06 0.00	76.11 4.17 0.00	66.63 3.59 0.00	59.18 3.24 0.00	54.79 3.05 0.00	47.77 2.66 0.00	43.77 2.44 0.00	42.39 2.21 0.00
WEST BABYLON___IC 23714	46.33 3.15 0.00	42.64 2.79 0.00	42.37 2.59 0.00	41.22 2.52 0.00	41.03 2.65 0.00	47.75 3.58 0.00	63.60 3.77 0.00	72.68 4.11 0.00	58.02 2.66 0.00	51.89 3.12 0.00	47.90 3.47 0.00	47.16 3.77 0.00	46.46 3.95 0.00	48.36 3.83 0.00	52.23 3.78 0.00	56.96 3.92 0.00	60.16 4.46 0.00	78.27 6.33 0.00	68.58 5.55 0.00	60.47 4.53 0.00	55.77 4.04 0.00	49.48 4.38 0.00	45.68 4.34 0.00	44.12 3.94 0.00
WEST CANADA___HYD 24049	43.30 0.13 0.00	39.97 0.12 0.00	39.91 0.12 0.00	38.82 0.12 0.00	38.45 0.08 0.00	44.31 0.13 0.00	59.95 0.12 0.00	68.71 0.14 0.00	55.47 0.11 0.00	48.82 0.05 0.00	44.48 0.04 0.00	43.47 0.09 0.00	42.60 0.09 0.00	44.66 0.13 0.00	48.60 0.15 0.00	53.19 0.16 0.00	55.87 0.17 0.00	72.23 0.29 0.00	63.29 0.25 0.00	56.22 0.28 0.00	51.95 0.21 0.00	45.29 0.18 0.00	41.50 0.17 0.00	40.34 0.16 0.00
WESTERN_NY_WIND 24143	41.27 -1.90 0.00	37.66 -2.19 0.00	37.48 -2.31 0.00	36.58 -2.13 0.00	36.08 -2.30 0.00	39.84 -4.33 0.01	53.72 -6.10 0.01	62.46 -6.10 0.01	50.81 -4.54 0.01	44.86 -3.90 0.01	40.79 -3.64 0.00	40.04 -3.34 0.00	38.93 -3.57 0.01	40.82 -3.70 0.01	44.08 -4.36 0.01	48.57 -4.45 0.01	51.58 -4.12 0.00	66.19 -5.76 0.00	58.37 -4.66 0.00	52.24 -3.69 0.00	47.91 -3.83 0.00	41.59 -3.52 0.00	37.95 -3.39 0.00	37.09 -3.09 0.00
WESTOVER___LESR 323668	43.00 -0.17 0.00	39.61 -0.24 0.00	39.51 -0.28 0.00	38.44 -0.27 0.00	38.07 -0.31 0.00	43.56 -0.62 0.00	59.11 -0.72 0.00	67.81 -0.75 0.00	54.80 -0.55 0.00	48.23 -0.54 0.00	43.90 -0.53 0.00	42.95 -0.43 0.00	42.04 -0.47 0.00	44.08 -0.45 0.00	48.02 -0.44 0.00	52.61 -0.42 0.00	55.42 -0.28 0.00	71.58 -0.36 0.00	62.79 -0.25 0.00	55.77 -0.17 0.00	51.48 -0.26 0.00	44.84 -0.27 0.00	41.05 -0.29 0.00	39.90 -0.28 0.00
WETHRSFD_WT_PWR 323626	40.76 -2.42 0.00	37.06 -2.79 0.00	36.92 -2.87 0.00	35.88 -2.82 0.00	35.23 -3.15 0.00	38.94 -5.21 0.02	52.26 -7.54 0.03	60.12 -8.44 0.01	48.80 -6.53 0.02	42.80 -5.95 0.01	39.01 -5.42 0.00	38.22 -5.16 0.00	37.09 -5.40 0.02	38.99 -5.52 0.02	42.33 -6.11 0.02	46.54 -6.47 0.02	49.35 -6.35 0.00	63.60 -8.34 0.00	56.04 -7.00 0.00	50.12 -5.82 0.00	46.15 -5.59 0.00	40.06 -5.05 0.00	36.62 -4.71 0.00	36.04 -4.14 0.00
WHAVSTOR_138KV_BK127 55557	45.16 1.99 0.00	41.64 1.79 0.00	41.58 1.79 0.00	40.41 1.70 0.00	40.10 1.73 0.00	46.34 2.16 0.00	63.06 3.23 0.00	72.06 3.50 0.00	58.18 2.82 0.00	51.55 2.78 0.00	47.10 2.67 0.00	46.08 2.69 0.00	45.32 2.81 0.00	47.47 2.94 0.00	51.61 3.15 0.00	56.32 3.29 0.00	59.15 3.45 0.00	76.48 4.53 0.00	66.88 3.85 0.00	59.40 3.47 0.00	55.05 3.31 0.00	48.08 2.98 0.00	44.06 2.73 0.00	42.71 2.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.16 1.99 0.00	41.64 1.79 0.00	41.58 1.79 0.00	40.41 1.70 0.00	40.10 1.73 0.00	46.34 2.16 0.00	63.06 3.23 0.00	72.06 3.50 0.00	58.18 2.82 0.00	51.55 2.78 0.00	47.10 2.67 0.00	46.08 2.69 0.00	45.32 2.81 0.00	47.47 2.94 0.00	51.61 3.15 0.00	56.32 3.29 0.00	59.15 3.45 0.00	76.48 4.53 0.00	66.88 3.85 0.00	59.40 3.47 0.00	55.05 3.31 0.00	48.08 2.98 0.00	44.06 2.73 0.00	42.71 2.53 0.00
WHITEHAL_115KV_TB1 80871	45.25 2.07 0.00	41.80 1.95 0.00	41.74 1.95 0.00	40.64 1.94 0.00	40.30 1.92 0.00	46.78 2.61 0.00	63.36 3.53 0.00	72.89 4.32 0.00	58.29 2.93 0.00	51.16 2.39 0.00	46.35 1.91 0.00	45.12 1.74 0.00	44.21 1.70 0.00	46.35 1.83 0.00	50.69 2.23 0.00	55.63 2.60 0.00	58.15 2.45 0.00	75.83 3.88 0.00	66.63 3.59 0.00	59.12 3.19 0.00	54.89 3.16 0.00	47.86 2.75 0.00	43.78 2.44 0.00	42.39 2.21 0.00
WHITEPLN_13_KV_LOAD 356215	45.64 2.46 0.00	42.12 2.27 0.00	41.98 2.19 0.00	40.80 2.09 0.00	40.49 2.11 0.00	46.83 2.65 0.00	63.60 3.77 0.00	72.61 4.05 0.00	58.79 3.43 0.00	52.13 3.36 0.00	47.55 3.11 0.00	46.55 3.17 0.00	45.70 3.19 0.00	47.87 3.34 0.00	52.04 3.59 0.00	56.75 3.71 0.00	59.43 3.73 0.00	76.98 5.04 0.00	67.39 4.35 0.00	59.85 3.92 0.00	55.41 3.67 0.00	48.40 3.29 0.00	44.31 2.98 0.00	42.99 2.81 0.00
WM_FLOYD_69_KV_BK2 356380	46.07 2.89 0.00	42.36 2.51 0.00	42.14 2.35 0.00	41.03 2.32 0.00	40.87 2.49 0.00	47.62 3.45 0.00	63.18 3.35 0.00	72.27 3.70 0.00	57.57 2.21 0.00	51.54 2.78 0.00	47.54 3.11 0.00	46.77 3.38 0.00	46.08 3.57 0.00	47.96 3.43 0.00	51.80 3.34 0.00	56.43 3.39 0.00	59.60 3.90 0.00	77.70 5.76 0.00	68.08 5.04 0.00	59.96 4.03 0.00	55.26 3.52 0.00	49.17 4.06 0.00	45.51 4.17 0.00	43.96 3.78 0.00
WOODARD___115KV_TB2 355635	42.18 -0.99 0.00	38.93 -0.92 0.00	38.79 -0.99 0.00	37.78 -0.93 0.00	37.46 -0.92 0.00	42.98 -1.19 0.00	58.28 -1.56 0.00	66.99 -1.58 0.00	54.20 -1.16 0.00	47.74 -1.02 0.00	43.41 -1.02 0.00	42.47 -0.91 0.00	41.62 -0.89 0.00	43.64 -0.89 0.00	47.44 -1.02 0.00	52.03 -1.01 0.00	54.70 -1.00 0.00	70.58 -1.37 0.00	61.90 -1.13 0.00	54.93 -1.01 0.00	50.70 -1.03 0.00	44.16 -0.95 0.00	40.43 -0.91 0.00	39.30 -0.88 0.00
WOODMERE_69_KV_BK1 55827	46.20 3.02 0.00	42.52 2.67 0.00	42.29 2.51 0.00	41.14 2.44 0.00	40.91 2.53 0.00	47.54 3.36 0.00	63.54 3.71 0.00	72.48 3.91 0.00	58.07 2.71 0.00	51.94 3.17 0.00	47.86 3.42 0.00	47.07 3.69 0.00	46.38 3.87 0.00	48.36 3.83 0.00	52.23 3.78 0.00	56.90 3.87 0.00	59.93 4.23 0.00	77.84 5.90 0.00	68.21 5.17 0.00	60.24 4.31 0.00	55.62 3.88 0.00	49.17 4.06 0.00	45.35 4.01 0.00	43.84 3.66 0.00
YORK___WARBASSE 23770	46.25 3.07 -0.01	42.65 2.79 -0.01	42.50 2.71 -0.01	41.31 2.59 -0.01	41.03 2.65 -0.01	47.37 3.18 -0.01	63.66 3.83 0.00	72.34 3.77 0.00	58.62 3.27 0.00	52.35 3.56 -0.02	47.83 3.38 -0.02	46.59 3.17 -0.04	46.03 3.49 -0.03	48.04 3.47 -0.04	52.33 3.83 -0.04	56.85 3.82 0.00	59.54 3.84 0.00	76.76 4.82 0.00	67.13 4.10 0.00	59.80 3.86 0.00	55.67 3.93 0.00	48.90 3.79 0.00	44.91 3.55 -0.01	43.57 3.38 -0.01