

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										12/19/2025		
Generator Data																																		
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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST									
		42.26	40.50	39.50	38.77	37.42	39.47	45.95	52.84	56.84	58.40	57.09	55.84	54.40	51.84	49.93	54.94	65.98	76.91	71.42	65.73	64.07	60.35	56.42	53.37									
		2.58	2.36	2.31	2.16	2.12	2.44	3.13	3.69	4.21	4.23	4.08	4.04	3.98	3.93	3.70	4.02	4.94	5.37	5.29	4.98	4.64	4.26	3.84	3.12									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_1 24260		42.30	40.53	39.54	38.81	37.45	39.50	45.95	52.84	56.74	58.35	57.04	55.79	54.35	51.84	49.93	54.94	65.98	76.98	71.48	65.79	64.19	60.41	56.48	53.42									
		2.62	2.40	2.34	2.20	2.15	2.48	3.13	3.69	4.11	4.17	4.03	3.99	3.93	3.93	3.70	4.02	4.94	5.44	5.36	5.04	4.75	4.32	3.89	3.17									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
74TH STREET_GT_2 24261		42.30	40.53	39.54	38.81	37.45	39.50	45.95	52.84	56.74	58.35	57.04	55.79	54.35	51.84	49.93	54.94	65.98	76.98	71.48	65.79	64.19	60.41	56.48	53.42									
		2.62	2.40	2.34	2.20	2.15	2.48	3.13	3.69	4.11	4.17	4.03	3.99	3.93	3.93	3.70	4.02	4.94	5.44	5.36	5.04	4.75	4.32	3.89	3.17									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
ADK HUDSON___FALLS 24011		41.70	40.08	39.09	38.48	37.06	39.06	45.05	51.66	55.21	56.94	55.77	54.49	52.94	50.12	48.31	53.26	64.21	75.27	69.70	63.91	62.76	59.17	55.37	52.97									
		2.02	1.94	1.90	1.87	1.76	2.04	2.23	2.51	2.58	2.76	2.76	2.69	2.52	2.20	2.08	2.34	3.17	3.72	3.57	3.16	3.33	3.08	2.79	2.71									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		41.94	40.27	39.28	38.66	37.24	39.28	45.31	51.95	55.47	57.26	56.09	54.80	53.24	50.36	48.54	53.57	64.64	75.77	70.23	64.27	63.18	59.57	55.69	53.32									
		2.26	2.13	2.08	2.05	1.94	2.26	2.48	2.80	2.84	3.09	3.07	3.00	2.82	2.44	2.31	2.65	3.60	4.22	4.10	3.52	3.75	3.48	3.10	3.07									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		41.70	40.08	39.09	38.48	37.06	39.06	45.05	51.66	55.21	56.94	55.77	54.49	52.94	50.12	48.31	53.26	64.21	75.27	69.70	63.91	62.76	59.17	55.37	52.97									
		2.02	1.94	1.90	1.87	1.76	2.04	2.23	2.51	2.58	2.76	2.76	2.69	2.52	2.20	2.08	2.34	3.17	3.72	3.57	3.16	3.33	3.08	2.79	2.71									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		41.70	40.04	39.02	38.44	37.06	38.98	45.09	51.71	55.36	56.88	55.61	54.29	52.83	50.21	48.45	53.31	64.09	74.98	69.56	63.91	63.00	59.40	55.63	52.96									
		2.02	1.91	1.82	1.83	1.76	1.96	2.27	2.55	2.74	2.71	2.60	2.49	2.42	2.30	2.22	2.39	3.05	3.43	3.44	3.16	3.57	3.31	3.05	2.71									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		40.91	39.28	38.35	37.71	36.36	38.21	43.85	49.74	53.26	54.72	53.49	52.21	50.87	48.49	46.74	51.38	61.52	72.12	66.79	61.36	60.21	56.71	53.11	50.70									
		1.23	1.14	1.15	1.10	1.06	1.18	1.03	0.59	0.63	0.54	0.48	0.41	0.45	0.57	0.51	0.46	0.49	0.57	0.66	0.61	0.77	0.62	0.53	0.45									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		39.72	38.25	37.23	36.61	35.34	37.10	42.95	49.25	52.79	54.23	53.22	52.01	50.62	48.06	46.37	51.18	61.10	71.55	65.93	60.63	59.32	56.20	52.90	50.50									
		0.04	0.11	0.04	0.00	0.04	0.07	0.13	0.10	0.16	0.05	0.21	0.21	0.20	0.14	0.14	0.25	0.06	0.00	-0.20	-0.12	-0.12	0.11	0.32	0.25									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
ALBANY_1_SOLAR 323833		41.38	39.77	38.76	38.15	36.78	38.61	44.45	50.68	54.16	55.69	54.44	53.10	51.72	49.16	47.43	52.30	62.86	73.77	68.31	62.70	61.57	58.05	54.37	51.91									
		1.70	1.64	1.56	1.54	1.48	1.59	1.63	1.53	1.53	1.51	1.43	1.30	1.31	1.24	1.20	1.38	1.83	2.22	2.18	1.94	2.14	1.96	1.79	1.66									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		41.38	39.73	38.76	38.15	36.78	38.61	44.45	50.68	54.16	55.69	54.39	53.10	51.68	49.16	47.43	52.30	62.86	73.77	68.31	62.70	61.57	58.00	54.32	51.91									
		1.70	1.60	1.56	1.54	1.48	1.59	1.63	1.53	1.53	1.51	1.38	1.30	1.26	1.24	1.20	1.38	1.83	2.22	2.18	1.94	2.14	1.91	1.73	1.66									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		40.91	39.28	38.35	37.71	36.36	38.21	43.85	49.74	53.26	54.72	53.49	52.21	50.87	48.49	46.74	51.38	61.52	72.12	66.79	61.36	60.21	56.71	53.11	50.70									
		1.23	1.14	1.15	1.10	1.06	1.18	1.03	0.59	0.63	0.54	0.48	0.41	0.45	0.57	0.51	0.46	0.49	0.57	0.66	0.61	0.77	0.62	0.53	0.45									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.91 1.23 0.00	39.28 1.14 0.00	38.35 1.15 0.00	37.71 1.10 0.00	36.36 1.06 0.00	38.21 1.18 0.00	43.85 1.03 0.00	49.74 0.59 0.00	53.26 0.63 0.00	54.72 0.54 0.00	53.49 0.48 0.00	52.21 0.41 0.00	50.87 0.45 0.00	48.49 0.57 0.00	46.74 0.51 0.00	51.38 0.46 0.00	61.52 0.49 0.00	72.12 0.57 0.00	66.79 0.66 0.00	61.36 0.61 0.00	60.21 0.77 0.00	56.71 0.62 0.00	53.11 0.53 0.00	50.70 0.45 0.00
ALBANY___3 23573	40.91 1.23 0.00	39.28 1.14 0.00	38.35 1.15 0.00	37.71 1.10 0.00	36.36 1.06 0.00	38.21 1.18 0.00	43.85 1.03 0.00	49.74 0.59 0.00	53.26 0.63 0.00	54.72 0.54 0.00	53.49 0.48 0.00	52.21 0.41 0.00	50.87 0.45 0.00	48.49 0.57 0.00	46.74 0.51 0.00	51.38 0.46 0.00	61.52 0.49 0.00	72.12 0.57 0.00	66.79 0.66 0.00	61.36 0.61 0.00	60.21 0.77 0.00	56.71 0.62 0.00	53.11 0.53 0.00	50.70 0.45 0.00
ALBANY___4 23574	40.91 1.23 0.00	39.28 1.14 0.00	38.35 1.15 0.00	37.71 1.10 0.00	36.36 1.06 0.00	38.21 1.18 0.00	43.85 1.03 0.00	49.74 0.59 0.00	53.26 0.63 0.00	54.72 0.54 0.00	53.49 0.48 0.00	52.21 0.41 0.00	50.87 0.45 0.00	48.49 0.57 0.00	46.74 0.51 0.00	51.38 0.46 0.00	61.52 0.49 0.00	72.12 0.57 0.00	66.79 0.66 0.00	61.36 0.61 0.00	60.21 0.77 0.00	56.71 0.62 0.00	53.11 0.53 0.00	50.70 0.45 0.00
ALBANY___LFGE 323615	41.22 1.55 0.00	39.58 1.45 0.00	38.57 1.38 0.00	38.00 1.39 0.00	36.61 1.31 0.00	38.51 1.48 0.00	44.20 1.37 0.00	50.19 1.03 0.00	53.68 1.05 0.00	55.26 1.08 0.00	54.02 1.00 0.00	52.73 0.93 0.00	51.37 0.96 0.00	48.92 1.01 0.00	47.20 0.97 0.00	51.89 0.97 0.00	62.19 1.16 0.00	72.84 1.29 0.00	67.45 1.32 0.00	61.97 1.21 0.00	60.80 1.37 0.00	57.32 1.23 0.00	53.64 1.05 0.00	51.20 0.95 0.00
ALCOA_PA_115KV_PL-6C 55860	40.03 0.36 0.00	38.55 0.42 0.00	37.53 0.33 0.00	36.90 0.29 0.00	35.62 0.32 0.00	37.36 0.33 0.00	43.30 0.47 0.00	49.64 0.49 0.00	53.21 0.58 0.00	54.66 0.49 0.00	53.65 0.64 0.00	52.47 0.67 0.00	51.02 0.61 0.00	48.44 0.53 0.00	46.74 0.51 0.00	51.58 0.66 0.00	61.47 0.43 0.00	72.05 0.50 0.00	66.33 0.20 0.00	61.00 0.24 0.00	59.67 0.24 0.00	56.65 0.56 0.00	53.37 0.79 0.00	50.95 0.70 0.00
ALCOA_RYNLDS___DRP 24188	40.03 0.36 0.00	38.55 0.42 0.00	37.53 0.33 0.00	36.90 0.29 0.00	35.62 0.32 0.00	37.36 0.33 0.00	43.30 0.47 0.00	49.64 0.49 0.00	53.21 0.58 0.00	54.66 0.49 0.00	53.65 0.64 0.00	52.47 0.67 0.00	51.02 0.60 0.00	48.44 0.53 0.00	46.74 0.51 0.00	51.58 0.66 0.00	61.46 0.43 0.00	72.05 0.50 0.00	66.32 0.20 0.00	60.99 0.24 0.00	59.67 0.24 0.00	56.65 0.56 0.00	53.37 0.79 0.00	50.96 0.70 0.00
ALCOA___DSASP 323711	40.03 0.36 0.00	38.55 0.42 0.00	37.53 0.33 0.00	36.90 0.29 0.00	35.62 0.32 0.00	37.36 0.33 0.00	43.30 0.47 0.00	49.64 0.49 0.00	53.21 0.58 0.00	54.66 0.49 0.00	53.65 0.64 0.00	52.47 0.67 0.00	51.02 0.60 0.00	48.44 0.53 0.00	46.74 0.51 0.00	51.58 0.66 0.00	61.46 0.43 0.00	72.05 0.50 0.00	66.32 0.20 0.00	60.99 0.24 0.00	59.67 0.24 0.00	56.65 0.56 0.00	53.37 0.79 0.00	50.96 0.70 0.00
ALLEGHENY___COGEN 23514	39.84 0.16 0.00	38.40 0.27 0.00	37.53 0.33 0.00	37.05 0.44 0.00	35.55 0.25 0.00	36.65 -0.37 0.00	42.78 -0.04 0.00	49.35 0.20 0.00	52.63 0.00 0.00	54.17 0.00 0.00	52.80 -0.21 0.00	51.33 -0.47 0.00	49.91 -0.50 0.00	49.72 -0.57 -2.38	47.63 -0.42 -1.82	50.77 -0.15 0.00	61.87 0.79 -0.05	86.53 1.71 -13.27	108.15 1.05 -40.97	83.10 1.03 -21.32	62.26 0.72 -2.11	56.43 0.34 0.00	52.58 0.00 0.00	51.66 1.41 0.00
ALTAMONT_115KV_TB 2 55880	40.71 1.03 0.00	39.12 0.99 0.00	38.16 0.97 0.00	37.56 0.95 0.00	36.22 0.92 0.00	38.02 1.00 0.00	43.90 1.07 0.00	50.14 0.98 0.00	53.68 1.05 0.00	55.20 1.03 0.00	53.97 0.95 0.00	52.68 0.88 0.00	51.32 0.91 0.00	48.83 0.91 0.00	47.11 0.88 0.00	51.84 0.92 0.00	62.19 1.16 0.00	72.83 1.29 0.00	67.45 1.32 0.00	61.97 1.22 0.00	60.80 1.37 0.00	57.27 1.18 0.00	53.64 1.05 0.00	51.16 0.90 0.00
ALTONA_WT_PWR 323606	39.12 -0.56 0.00	37.71 -0.42 0.00	36.64 -0.56 0.00	35.99 -0.62 0.00	34.73 -0.57 0.00	36.43 -0.59 0.00	42.27 -0.56 0.00	48.42 -0.74 0.00	52.00 -0.63 0.00	53.42 -0.76 0.00	52.53 -0.48 0.00	51.33 -0.47 0.00	49.91 -0.50 0.00	47.44 -0.48 0.00	45.82 -0.42 0.00	50.62 -0.30 0.00	60.42 -0.61 0.00	70.83 -0.72 0.00	65.14 -0.99 0.00	59.90 -0.85 0.00	58.66 -0.77 0.00	55.53 -0.56 0.00	52.22 -0.37 0.00	49.65 -0.60 0.00
AMERICAN_REF_FUEL 24010	36.66 -3.02 0.00	35.20 -2.94 0.00	34.55 -2.64 0.00	34.08 -2.53 0.00	32.44 -2.86 0.00	32.99 -4.03 0.00	37.86 -4.97 0.00	43.30 -5.85 0.00	46.15 -6.48 0.00	48.16 -6.02 0.00	47.08 -5.94 0.00	46.00 -5.80 0.00	44.77 -5.65 0.00	42.44 -4.93 0.54	40.69 -5.13 0.41	45.22 -5.70 0.00	54.07 -6.96 0.01	61.91 -6.65 2.98	50.53 -6.55 9.05	49.87 -6.07 4.80	51.94 -7.01 0.48	49.41 -6.68 0.00	46.38 -6.21 0.00	46.53 -3.72 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.78 -2.89 0.00	35.23 -2.90 0.00	34.59 -2.60 0.00	34.19 -2.42 0.00	32.83 -2.47 0.00	34.10 -2.93 0.00	39.96 -2.87 0.00	45.52 -3.64 0.00	48.16 -4.47 0.00	49.08 -5.09 0.00	47.60 -5.41 0.00	46.52 -5.28 0.00	45.27 -5.14 0.00	42.58 -4.84 0.49	41.14 -4.72 0.38	45.68 -5.24 0.00	56.75 -4.27 0.01	62.72 -6.08 2.75	51.79 -5.89 8.45	50.69 -5.65 4.41	54.78 -4.22 0.44	51.66 -4.43 0.00	47.17 -5.42 0.00	46.99 -3.27 0.00
ARTHUR KILL_GT_1 23520	42.34 2.66 0.00	40.76 2.63 0.00	39.80 2.60 0.00	39.14 2.53 0.00	37.77 2.47 0.00	39.69 2.67 0.00	46.08 3.25 0.00	52.60 3.59 0.14	46.95 4.11 9.79	46.16 4.17 12.18	41.46 3.98 15.53	39.35 3.94 16.39	49.23 3.88 5.06	51.70 3.79 0.00	49.88 3.65 0.00	54.99 4.07 0.00	66.41 5.37 0.00	77.77 6.22 0.00	71.88 5.75 0.00	66.16 5.41 0.00	64.96 5.53 0.00	61.14 5.05 0.00	57.16 4.57 0.00	54.12 3.87 0.00
ARTHUR_KILL_2 23512	42.23 2.54 -0.01	40.66 2.52 -0.01	39.62 2.42 -0.01	39.03 2.42 -0.01	37.67 2.37 -0.01	39.58 2.55 -0.01	45.96 3.12 -0.01	52.51 3.49 0.13	46.95 4.11 9.79	46.11 4.12 12.18	41.46 3.98 15.53	39.35 3.93 16.39	49.08 3.73 5.06	51.56 3.64 -0.01	49.80 3.56 -0.01	54.85 3.92 -0.01	66.23 5.19 -0.01	77.56 6.01 0.00	71.62 5.49 -0.01	65.99 5.23 -0.01	64.72 5.29 0.00	60.97 4.88 -0.01	57.06 4.47 -0.01	53.98 3.72 -0.01
ARTHUR_KILL_3 23513	41.82 2.14 0.00	40.11 1.98 0.00	39.05 1.86 0.00	38.44 1.83 0.00	37.06 1.76 0.00	39.06 2.03 0.00	45.48 2.66 0.00	52.11 3.10 0.14	46.25 3.42 9.79	45.45 3.47 12.19	40.81 3.34 15.54	38.72 3.32 16.39	48.67 3.33 5.07	51.37 3.45 0.00	49.52 3.28 0.00	54.48 3.56 0.00	65.43 4.40 0.00	76.27 4.72 0.00	70.89 4.76 0.00	65.25 4.50 0.00	63.59 4.16 0.00	59.90 3.82 0.00	56.00 3.42 0.00	52.91 2.66 0.00

ARTHUR_KILL_COGEN 323718	42.34	40.77	39.73	39.14	37.78	39.70	46.09	52.66	47.10	46.27	41.62	39.51	49.23	51.71	49.94	55.00	66.47	77.84	71.82	66.16	64.96	61.20	57.22	54.13
	2.66	2.63	2.53	2.52	2.47	2.67	3.25	3.64	4.26	4.28	4.14	4.09	3.88	3.78	3.70	4.08	5.43	6.30	5.69	5.41	5.53	5.10	4.63	3.87
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.13	9.79	12.18	15.53	16.39	5.06	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.01	-0.01
ASHOKAN____ 23654	41.86	40.04	38.91	38.26	36.99	38.87	45.14	51.66	54.94	56.23	54.76	53.20	51.93	49.40	47.57	52.65	63.66	75.27	69.76	64.03	62.70	59.06	55.32	52.61
	2.18	1.91	1.71	1.65	1.69	1.85	2.31	2.51	2.31	2.06	1.75	1.40	1.51	1.49	1.34	1.73	2.62	3.72	3.63	3.28	3.27	2.97	2.73	2.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.34	40.54	39.43	38.81	37.46	39.47	45.92	52.75	56.22	57.76	56.31	55.02	54.10	51.71	49.71	54.64	65.66	76.62	71.14	65.37	63.76	60.14	56.27	53.22
	2.66	2.40	2.23	2.20	2.15	2.44	3.09	3.59	3.58	3.57	3.29	3.21	3.68	3.78	3.47	3.72	4.64	5.08	5.02	4.61	4.34	4.04	3.68	2.96
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	0.01	-0.01	0.01	-0.01	-0.01	-0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.30	40.51	39.40	38.81	37.43	39.47	45.87	52.70	56.22	57.70	56.25	54.97	54.10	51.66	49.71	54.64	65.66	76.62	71.14	65.37	63.76	60.14	56.27	53.22
	2.62	2.37	2.19	2.20	2.12	2.44	3.04	3.54	3.58	3.52	3.23	3.16	3.68	3.74	3.47	3.72	4.64	5.08	5.02	4.61	4.34	4.04	3.68	2.96
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	0.01	-0.01	0.01	-0.01	-0.01	-0.01
ASTORIA_GT2_1 24094	42.34	40.53	39.54	38.81	37.45	39.47	45.91	52.74	56.64	58.19	56.78	55.54	54.10	51.65	49.65	54.69	65.66	76.63	71.14	65.37	63.83	60.13	56.21	53.22
	2.66	2.40	2.34	2.20	2.15	2.44	3.08	3.59	4.00	4.01	3.76	3.73	3.68	3.74	3.42	3.77	4.64	5.08	5.03	4.62	4.40	4.04	3.63	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT2_2 24095	42.34	40.53	39.54	38.81	37.45	39.47	45.91	52.74	56.64	58.19	56.78	55.54	54.10	51.65	49.65	54.69	65.66	76.63	71.14	65.37	63.83	60.13	56.21	53.22
	2.66	2.40	2.34	2.20	2.15	2.44	3.08	3.59	4.00	4.01	3.76	3.73	3.68	3.74	3.42	3.77	4.64	5.08	5.03	4.62	4.40	4.04	3.63	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT2_3 24096	42.34	40.53	39.54	38.81	37.45	39.47	45.91	52.74	56.64	58.19	56.78	55.54	54.10	51.65	49.65	54.69	65.66	76.63	71.14	65.37	63.83	60.13	56.21	53.22
	2.66	2.40	2.34	2.20	2.15	2.44	3.08	3.59	4.00	4.01	3.76	3.73	3.68	3.74	3.42	3.77	4.64	5.08	5.03	4.62	4.40	4.04	3.63	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT2_4 24097	42.34	40.53	39.54	38.81	37.45	39.47	45.91	52.74	56.64	58.19	56.78	55.54	54.10	51.65	49.65	54.69	65.66	76.63	71.14	65.37	63.83	60.13	56.21	53.22
	2.66	2.40	2.34	2.20	2.15	2.44	3.08	3.59	4.00	4.01	3.76	3.73	3.68	3.74	3.42	3.77	4.64	5.08	5.03	4.62	4.40	4.04	3.63	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT3_1 24098	42.34	40.53	39.54	38.81	37.45	39.47	45.91	52.74	56.64	58.19	56.78	55.54	54.10	51.65	49.65	54.69	65.66	76.63	71.14	65.37	63.83	60.13	56.21	53.22
	2.66	2.40	2.34	2.20	2.15	2.44	3.08	3.59	4.00	4.01	3.76	3.73	3.68	3.74	3.42	3.77	4.64	5.08	5.03	4.62	4.40	4.04	3.63	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT3_2 24099	42.34	40.53	39.54	38.81	37.45	39.47	45.91	52.74	56.64	58.19	56.78	55.54	54.10	51.65	49.65	54.69	65.66	76.63	71.14	65.37	63.83	60.13	56.21	53.22
	2.66	2.40	2.34	2.20	2.15	2.44	3.08	3.59	4.00	4.01	3.76	3.73	3.68	3.74	3.42	3.77	4.64	5.08	5.03	4.62	4.40	4.04	3.63	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT3_3 24100	42.34	40.53	39.54	38.81	37.45	39.47	45.91	52.74	56.64	58.19	56.78	55.54	54.10	51.65	49.65	54.69	65.66	76.63	71.14	65.37	63.83	60.13	56.21	53.22
	2.66	2.40	2.34	2.20	2.15	2.44	3.08	3.59	4.00	4.01	3.76	3.73	3.68	3.74	3.42	3.77	4.64	5.08	5.03	4.62	4.40	4.04	3.63	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT3_4 24101	42.34	40.53	39.54	38.81	37.45	39.47	45.91	52.74	56.64	58.19	56.78	55.54	54.10	51.65	49.65	54.69	65.66	76.63	71.14	65.37	63.83	60.13	56.21	53.22
	2.66	2.40	2.34	2.20	2.15	2.44	3.08	3.59	4.00	4.01	3.76	3.73	3.68	3.74	3.42	3.77	4.64	5.08	5.03	4.62	4.40	4.04	3.63	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT4_1 24102	42.34	40.53	39.54	38.81	37.45	39.47	45.91	52.74	56.64	58.19	56.78	55.54	54.10	51.65	49.65	54.69	65.66	76.63	71.14	65.37	63.83	60.13	56.21	53.22
	2.66	2.40	2.34	2.20	2.15	2.44	3.08	3.59	4.00	4.01	3.76	3.73	3.68	3.74	3.42	3.77	4.64	5.08	5.03	4.62	4.40	4.04	3.63	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT4_2 24103	42.34	40.53	39.54	38.81	37.45	39.47	45.91	52.74	56.64	58.19	56.78	55.54	54.10	51.65	49.65	54.69	65.66	76.63	71.14	65.37	63.83	60.13	56.21	53.22
	2.66	2.40	2.34	2.20	2.15	2.44	3.08	3.59	4.00	4.01	3.76	3.73	3.68	3.74	3.42	3.77	4.64	5.08	5.03	4.62	4.40	4.04	3.63	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ASTORIA_GT4_3 24104	42.34	40.53	39.54	38.81	37.45	39.47	45.91	52.74	56.64	58.19	56.78	55.54	54.10	51.65	49.65	54.69	65.66	76.63	71.14	65.37	63.83	60.13	56.21	53.22
	2.66	2.40	2.34	2.20	2.15	2.44	3.08	3.59	4.00	4.01	3.76	3.73	3.68	3.74	3.42	3.77	4.64	5.08	5.03	4.62	4.40	4.04	3.63	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00

ASTORIA_GT4_4 24105	42.34 2.66 0.00	40.53 2.40 0.00	39.54 2.34 0.00	38.81 2.20 0.00	37.45 2.15 0.00	39.47 2.44 0.00	45.91 3.08 0.00	52.74 3.59 0.00	56.64 4.00 -0.01	58.19 4.01 -0.01	56.78 3.76 -0.01	55.54 3.73 -0.01	54.10 3.68 -0.01	51.65 3.74 0.00	49.65 3.42 0.00	54.69 3.77 0.00	65.66 4.64 0.02	76.63 5.08 0.00	71.14 5.03 0.02	65.37 4.62 0.00	63.83 4.40 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.22 2.96 0.00
ASTORIA_GT_1 23523	42.38 2.70 0.00	40.57 2.44 0.00	39.57 2.38 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.84 3.69 0.00	56.74 4.11 -0.01	58.30 4.12 -0.01	56.89 3.87 -0.01	55.64 3.83 -0.01	54.20 3.78 -0.01	51.80 3.88 0.00	49.75 3.51 0.00	54.79 3.87 0.00	65.78 4.76 0.02	76.77 5.22 0.00	71.27 5.16 0.02	65.55 4.80 0.00	63.95 4.52 0.00	60.24 4.15 0.00	56.32 3.73 0.00	53.32 3.07 0.00
ASTORIA_GT_10 24110	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.52 2.22 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.84 3.69 0.00	58.00 4.11 -1.26	59.87 4.12 -1.57	59.00 3.98 -2.01	57.86 3.94 -2.12	54.95 3.88 -0.65	51.84 3.93 0.00	49.93 3.70 0.00	54.94 4.02 0.00	65.92 4.88 0.00	76.91 5.37 0.00	71.48 5.36 0.00	65.73 4.98 0.00	64.13 4.70 0.00	60.41 4.32 0.00	56.48 3.89 0.00	53.47 3.22 0.00
ASTORIA_GT_11 24225	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.52 2.22 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.84 3.69 0.00	58.00 4.11 -1.26	59.87 4.12 -1.57	59.00 3.98 -2.01	57.86 3.94 -2.12	54.95 3.88 -0.65	51.84 3.93 0.00	49.93 3.70 0.00	54.94 4.02 0.00	65.92 4.88 0.00	76.91 5.37 0.00	71.48 5.36 0.00	65.73 4.98 0.00	64.13 4.70 0.00	60.41 4.32 0.00	56.48 3.89 0.00	53.47 3.22 0.00
ASTORIA_GT_12 24226	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.52 2.22 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.84 3.69 0.00	58.00 4.11 -1.26	59.87 4.12 -1.57	59.00 3.98 -2.01	57.86 3.94 -2.12	54.95 3.88 -0.65	51.84 3.93 0.00	49.93 3.70 0.00	54.94 4.02 0.00	65.92 4.88 0.00	76.91 5.37 0.00	71.48 5.36 0.00	65.73 4.98 0.00	64.13 4.70 0.00	60.41 4.32 0.00	56.48 3.89 0.00	53.47 3.22 0.00
ASTORIA_GT_13 24227	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.52 2.22 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.84 3.69 0.00	58.00 4.11 -1.26	59.87 4.12 -1.57	59.00 3.98 -2.01	57.86 3.94 -2.12	54.95 3.88 -0.65	51.84 3.93 0.00	49.93 3.70 0.00	54.94 4.02 0.00	65.92 4.88 0.00	76.91 5.37 0.00	71.48 5.36 0.00	65.73 4.98 0.00	64.13 4.70 0.00	60.41 4.32 0.00	56.48 3.89 0.00	53.47 3.22 0.00
ASTORIA_GT_5 24106	42.38 2.70 0.00	40.57 2.44 0.00	39.57 2.38 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.84 3.69 0.00	56.74 4.11 -0.01	58.30 4.12 -0.01	56.89 3.87 -0.01	55.64 3.83 -0.01	54.20 3.78 -0.01	51.80 3.88 0.00	49.75 3.51 0.00	54.79 3.87 0.00	65.78 4.76 0.02	76.77 5.22 0.00	71.27 5.16 0.02	65.55 4.80 0.00	63.95 4.52 0.00	60.24 4.15 0.00	56.32 3.73 0.00	53.32 3.07 0.00
ASTORIA_GT_7 24107	42.38 2.70 0.00	40.57 2.44 0.00	39.57 2.38 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.84 3.69 0.00	56.74 4.11 -0.01	58.30 4.12 -0.01	56.89 3.87 -0.01	55.64 3.83 -0.01	54.20 3.78 -0.01	51.80 3.88 0.00	49.75 3.51 0.00	54.79 3.87 0.00	65.78 4.76 0.02	76.77 5.22 0.00	71.27 5.16 0.02	65.55 4.80 0.00	63.95 4.52 0.00	60.24 4.15 0.00	56.32 3.73 0.00	53.32 3.07 0.00
ASTORIA_GT_8 24108	42.38 2.70 0.00	40.57 2.44 0.00	39.57 2.38 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.84 3.69 0.00	56.74 4.11 -0.01	58.30 4.12 -0.01	56.89 3.87 -0.01	55.64 3.83 -0.01	54.20 3.78 -0.01	51.80 3.88 0.00	49.75 3.51 0.00	54.79 3.87 0.00	65.78 4.76 0.02	76.77 5.22 0.00	71.27 5.16 0.02	65.55 4.80 0.00	63.95 4.52 0.00	60.24 4.15 0.00	56.32 3.73 0.00	53.32 3.07 0.00
ASTORIA___2 24149	42.34 2.66 -0.01	40.54 2.40 -0.01	39.43 2.23 -0.01	38.81 2.20 -0.01	37.46 2.15 -0.01	39.47 2.44 -0.01	45.92 3.09 -0.01	52.75 3.59 -0.01	56.22 3.58 -0.01	57.76 3.57 -0.01	56.31 3.29 -0.01	55.02 3.21 -0.01	54.10 3.68 -0.01	51.71 3.78 -0.01	49.71 3.47 -0.01	54.70 3.77 -0.01	65.73 4.70 0.01	76.62 5.08 0.01	71.14 5.02 0.01	65.37 4.61 -0.01	63.83 4.40 0.01	60.19 4.09 -0.01	56.33 3.73 -0.01	53.22 2.96 -0.01
ASTORIA___3 23516	42.34 2.66 -0.01	40.62 2.48 -0.01	39.51 2.31 -0.01	38.89 2.27 -0.01	37.53 2.23 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.85 3.69 -0.01	57.94 4.05 -1.26	59.86 4.12 -1.57	59.00 3.98 -2.01	57.81 3.89 -2.12	55.00 3.93 -0.65	51.85 3.93 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	65.98 4.94 -0.01	76.92 5.37 0.00	71.49 5.35 -0.01	65.74 4.98 -0.01	64.13 4.69 0.00	60.47 4.38 -0.01	56.54 3.95 -0.01	53.48 3.22 -0.01
ASTORIA___4 23517	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.52 2.22 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.84 3.69 0.00	58.00 4.11 -1.26	59.87 4.12 -1.57	59.00 3.98 -2.01	57.86 3.94 -2.12	54.95 3.88 -0.65	51.84 3.93 0.00	49.93 3.70 0.00	54.94 4.02 0.00	65.92 4.88 0.00	76.91 5.37 0.00	71.48 5.36 0.00	65.73 4.98 0.00	64.13 4.70 0.00	60.41 4.32 0.00	56.48 3.89 0.00	53.47 3.22 0.00
ASTORIA___5 23518	42.34 2.66 -0.01	40.62 2.48 -0.01	39.51 2.31 -0.01	38.89 2.27 -0.01	37.53 2.23 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.85 3.69 -0.01	57.94 4.05 -1.26	59.86 4.12 -1.57	59.00 3.98 -2.01	57.81 3.89 -2.12	55.00 3.93 -0.65	51.85 3.93 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	65.98 4.94 -0.01	76.92 5.37 0.00	71.49 5.35 -0.01	65.74 4.98 -0.01	64.13 4.69 0.00	60.47 4.38 -0.01	56.54 3.95 -0.01	53.48 3.22 -0.01
AST_ENERGY_2_CC3 323677	39.91 2.30 2.07	39.91 2.10 0.32	39.16 1.97 0.00	38.55 1.94 0.00	37.17 1.87 0.00	39.21 2.18 0.00	39.91 2.78 5.70	39.91 3.29 12.54	39.91 3.68 16.40	39.91 3.74 18.00	50.52 3.61 6.10	50.52 3.57 4.85	50.52 3.53 3.42	50.52 3.55 0.94	49.56 3.33 0.00	50.52 3.62 4.02	50.52 4.45 14.97	59.44 4.79 16.91	54.82 4.76 16.07	50.52 4.50 14.73	50.52 4.22 13.14	50.52 3.87 9.44	50.52 3.52 5.59	50.52 2.76 2.49
AST_ENERGY_2_CC4 323678	39.91 2.30 2.07	39.91 2.10 0.32	39.16 1.97 0.00	38.55 1.94 0.00	37.17 1.87 0.00	39.21 2.18 0.00	39.91 2.78 5.70	39.91 3.29 12.54	39.91 3.68 16.40	39.91 3.74 18.00	50.52 3.61 6.10	50.52 3.57 4.85	50.52 3.53 3.42	50.52 3.55 0.94	49.56 3.33 0.00	50.52 3.62 4.02	50.52 4.45 14.97	59.44 4.79 16.91	54.82 4.76 16.07	50.52 4.50 14.73	50.52 4.22 13.14	50.52 3.87 9.44	50.52 3.52 5.59	50.52 2.76 2.49

ATHENS_STG_1 23668	40.99 1.31 0.00	39.35 1.22 0.00	38.35 1.15 0.00	37.78 1.17 0.00	36.43 1.13 0.00	38.32 1.30 0.00	44.36 1.54 0.00	50.87 1.72 0.00	54.52 1.89 0.00	56.07 1.90 0.00	54.71 1.70 0.00	53.41 1.61 0.00	51.98 1.56 0.00	49.49 1.58 0.00	47.76 1.52 0.00	52.55 1.63 0.00	63.11 2.08 0.00	73.62 2.08 0.00	68.24 2.12 0.00	62.70 1.94 0.00	61.39 1.96 0.00	57.88 1.79 0.00	54.22 1.63 0.00	51.56 1.30 0.00
ATHENS_STG_2 23670	40.99 1.31 0.00	39.35 1.22 0.00	38.35 1.15 0.00	37.78 1.17 0.00	36.43 1.13 0.00	38.32 1.30 0.00	44.36 1.54 0.00	50.87 1.72 0.00	54.52 1.89 0.00	56.07 1.90 0.00	54.71 1.70 0.00	53.41 1.61 0.00	51.98 1.56 0.00	49.49 1.58 0.00	47.76 1.52 0.00	52.55 1.63 0.00	63.11 2.08 0.00	73.62 2.08 0.00	68.24 2.12 0.00	62.70 1.94 0.00	61.39 1.96 0.00	57.88 1.79 0.00	54.22 1.63 0.00	51.56 1.30 0.00
ATHENS_STG_3 23677	40.99 1.31 0.00	39.35 1.22 0.00	38.35 1.15 0.00	37.78 1.17 0.00	36.43 1.13 0.00	38.32 1.30 0.00	44.36 1.54 0.00	50.87 1.72 0.00	54.52 1.89 0.00	56.07 1.90 0.00	54.71 1.70 0.00	53.41 1.61 0.00	51.98 1.56 0.00	49.49 1.58 0.00	47.76 1.52 0.00	52.55 1.63 0.00	63.11 2.08 0.00	73.62 2.08 0.00	68.24 2.12 0.00	62.70 1.94 0.00	61.39 1.96 0.00	57.88 1.79 0.00	54.22 1.63 0.00	51.56 1.30 0.00
AUBURN____LFGE 323710	39.36 -0.32 0.00	37.79 -0.34 0.00	36.86 -0.33 0.00	36.39 -0.22 0.00	35.05 -0.25 0.00	36.58 -0.44 0.00	42.53 -0.30 0.00	49.01 -0.15 0.00	52.42 -0.21 0.00	54.07 -0.11 0.00	52.91 -0.11 0.00	51.64 -0.16 0.00	50.26 -0.15 0.00	47.72 -0.19 0.00	46.05 -0.18 0.00	50.77 -0.15 0.00	61.10 0.06 0.00	71.76 0.21 0.00	66.19 0.07 0.00	60.75 0.00 0.00	59.38 -0.06 0.00	55.86 -0.22 0.00	52.27 -0.32 0.00	50.25 0.00 0.00
BABYLON_RES_REC 323704	43.22 3.53 -0.01	41.11 2.98 0.00	39.84 2.64 0.00	39.06 2.45 0.00	37.63 2.33 0.00	40.02 3.00 0.00	46.95 4.11 -0.01	53.98 4.82 -0.01	57.95 5.31 -0.01	59.55 5.36 -0.02	63.62 4.77 -5.83	62.50 4.66 -6.04	62.49 4.59 -7.49	60.72 4.55 -8.25	59.80 4.39 -9.17	62.86 4.79 -7.15	67.04 5.98 -0.02	78.28 6.72 -0.01	72.56 6.41 -0.02	67.04 5.89 -0.40	65.16 5.71 -0.02	63.95 5.27 -2.59	58.64 5.05 -1.01	54.63 4.37 -0.01
BALL_HILL_WT_PWR 323825	37.66 -2.02 0.00	36.11 -2.02 0.00	35.45 -1.75 0.00	35.00 -1.61 0.00	33.43 -1.87 0.00	34.32 -2.70 0.00	40.17 -2.66 0.00	45.76 -3.39 0.00	48.47 -4.16 0.00	50.06 -4.12 0.00	48.72 -4.29 0.00	47.65 -4.15 0.00	46.33 -4.08 0.00	43.51 -3.79 0.62	42.06 -3.70 0.48	46.80 -4.12 0.00	57.12 -3.91 0.01	62.58 -5.51 3.46	50.17 -5.29 10.67	50.15 -5.04 5.56	55.08 -3.81 0.55	52.11 -3.98 0.00	48.33 -4.26 0.00	48.04 -2.21 0.00
BARON_WINDS____WT_PWR 323822	38.01 -1.66 0.00	36.49 -1.64 0.00	35.74 -1.45 0.00	35.29 -1.32 0.00	33.85 -1.45 0.00	34.99 -2.04 0.00	40.69 -2.14 0.00	46.59 -2.56 0.00	49.52 -3.11 0.00	51.14 -3.03 0.00	49.88 -3.13 0.00	48.74 -3.06 0.00	47.39 -3.02 0.00	41.04 -2.92 3.95	40.39 -2.82 3.02	47.87 -3.05 0.00	57.85 -3.11 0.08	45.31 -4.22 22.01	-5.86 -4.04 67.95	21.56 -3.83 35.37	52.84 -3.09 3.51	53.00 -3.08 0.00	49.59 -3.00 0.00	48.54 -1.71 0.00
BARRETT_IC_1 23704	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BARRETT_IC_10 23701	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BARRETT_IC_11 23702	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BARRETT_IC_12 23703	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BARRETT_IC_2 23705	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BARRETT_IC_3 23706	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BARRETT_IC_4 23707	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BARRETT_IC_5 23708	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02

BARRETT_IC_6 23709	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BARRETT_IC_7 23710	42.89 3.21 0.00	40.88 2.75 0.00	39.72 2.53 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.55 3.73 0.00	53.48 4.33 0.00	57.37 4.74 0.00	58.96 4.77 -0.02	62.98 4.13 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.02 -8.26	59.20 3.79 -9.18	62.20 4.12 -7.16	66.12 5.07 -0.02	77.20 5.65 0.00	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.91 4.31 -1.01	54.18 3.92 -0.01
BARRETT_IC_8 23711	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BARRETT_IC_9 23700	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BARRETT___1 23545	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BARRETT___2 23546	42.90 3.21 -0.01	40.88 2.75 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.76 2.74 0.00	46.56 3.72 -0.01	53.49 4.33 -0.01	57.38 4.74 -0.01	58.96 4.77 -0.02	62.99 4.14 -5.84	61.94 4.09 -6.05	61.95 4.03 -7.50	60.20 4.03 -8.26	59.25 3.84 -9.18	62.20 4.12 -7.16	66.18 5.13 -0.02	77.28 5.73 -0.01	71.57 5.42 -0.02	66.14 4.98 -0.41	64.33 4.87 -0.02	63.17 4.49 -2.60	57.96 4.36 -1.01	54.19 3.92 -0.02
BATAVIA___115KV_TB1 55881	38.21 -1.47 0.00	36.76 -1.37 0.00	35.60 -1.60 0.00	35.51 -1.10 0.00	33.92 -1.38 0.00	34.65 -2.37 0.00	40.04 -2.78 0.00	46.01 -3.15 0.00	49.16 -3.47 0.00	51.03 -3.14 0.00	49.94 -3.07 0.00	48.64 -3.16 0.00	47.39 -3.02 0.00	44.80 -2.73 0.39	43.35 -2.59 0.29	47.92 -3.00 0.00	57.79 -3.23 0.01	66.69 -2.72 2.13	56.57 -3.04 6.51	54.52 -2.79 3.44	55.47 -3.63 0.34	52.61 -3.48 0.00	49.27 -3.31 0.00	48.94 -1.31 0.00
BAYONEEC___CTG1 323682	42.02 2.34 0.00	40.30 2.17 0.00	39.24 2.04 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.70 2.87 0.00	52.53 3.39 0.02	55.10 3.74 1.27	56.38 3.79 1.58	54.65 3.66 2.02	53.24 3.57 2.13	53.34 3.58 0.66	51.55 3.64 0.00	49.70 3.47 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.48 4.93 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.11 2.86 0.00
BAYONEEC___CTG10 323750	42.02 2.34 0.00	40.30 2.17 0.00	39.24 2.04 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.70 2.87 0.00	52.53 3.39 0.02	55.10 3.74 1.27	56.38 3.79 1.58	54.65 3.66 2.02	53.24 3.57 2.13	53.34 3.58 0.66	51.55 3.64 0.00	49.70 3.47 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.48 4.93 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.11 2.86 0.00
BAYONEEC___CTG2 323683	42.02 2.34 0.00	40.30 2.17 0.00	39.24 2.04 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.70 2.87 0.00	52.53 3.39 0.02	55.10 3.74 1.27	56.38 3.79 1.58	54.65 3.66 2.02	53.24 3.57 2.13	53.34 3.58 0.66	51.55 3.64 0.00	49.70 3.47 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.48 4.93 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.11 2.86 0.00
BAYONEEC___CTG3 323684	42.02 2.34 0.00	40.30 2.17 0.00	39.24 2.04 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.70 2.87 0.00	52.53 3.39 0.02	55.10 3.74 1.27	56.38 3.79 1.58	54.65 3.66 2.02	53.24 3.57 2.13	53.34 3.58 0.66	51.55 3.64 0.00	49.70 3.47 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.48 4.93 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.11 2.86 0.00
BAYONEEC___CTG4 323685	42.02 2.34 0.00	40.30 2.17 0.00	39.24 2.04 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.70 2.87 0.00	52.53 3.39 0.02	55.10 3.74 1.27	56.38 3.79 1.58	54.65 3.66 2.02	53.24 3.57 2.13	53.34 3.58 0.66	51.55 3.64 0.00	49.70 3.47 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.48 4.93 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.11 2.86 0.00
BAYONEEC___CTG5 323686	42.02 2.34 0.00	40.30 2.17 0.00	39.24 2.04 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.70 2.87 0.00	52.53 3.39 0.02	55.10 3.74 1.27	56.38 3.79 1.58	54.65 3.66 2.02	53.24 3.57 2.13	53.34 3.58 0.66	51.55 3.64 0.00	49.70 3.47 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.48 4.93 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.11 2.86 0.00
BAYONEEC___CTG6 323687	42.02 2.34 0.00	40.30 2.17 0.00	39.24 2.04 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.70 2.87 0.00	52.53 3.39 0.02	55.10 3.74 1.27	56.38 3.79 1.58	54.65 3.66 2.02	53.24 3.57 2.13	53.34 3.58 0.66	51.55 3.64 0.00	49.70 3.47 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.48 4.93 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.11 2.86 0.00
BAYONEEC___CTG7 323688	42.02 2.34 0.00	40.30 2.17 0.00	39.24 2.04 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.70 2.87 0.00	52.53 3.39 0.02	55.10 3.74 1.27	56.38 3.79 1.58	54.65 3.66 2.02	53.24 3.57 2.13	53.34 3.58 0.66	51.55 3.64 0.00	49.70 3.47 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.48 4.93 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.11 2.86 0.00

BAYONEEC___CTG8 323689	42.02 2.34 0.00	40.30 2.17 0.00	39.24 2.04 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.70 2.87 0.00	52.53 3.39 0.02	55.10 3.74 1.27	56.38 3.79 1.58	54.65 3.66 2.02	53.24 3.57 2.13	53.34 3.58 0.66	51.55 3.64 0.00	49.70 3.47 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.48 4.93 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.11 2.86 0.00
BAYONEEC___CTG9 323749	42.02 2.34 0.00	40.30 2.17 0.00	39.24 2.04 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.70 2.87 0.00	52.53 3.39 0.02	55.10 3.74 1.27	56.38 3.79 1.58	54.65 3.66 2.02	53.24 3.57 2.13	53.34 3.58 0.66	51.55 3.64 0.00	49.70 3.47 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.48 4.93 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.11 2.86 0.00
BEACON___LESR 323632	41.46 1.79 0.00	39.81 1.68 0.00	38.79 1.60 0.00	38.22 1.61 0.00	36.85 1.55 0.00	38.76 1.74 0.00	44.54 1.71 0.00	50.63 1.47 0.00	54.16 1.53 0.00	55.75 1.57 0.00	54.44 1.43 0.00	53.14 1.34 0.00	51.78 1.36 0.00	49.25 1.34 0.00	47.53 1.29 0.00	52.30 1.38 0.00	62.81 1.77 0.00	73.62 2.08 0.00	68.18 2.05 0.00	62.57 1.82 0.00	61.46 2.02 0.00	57.88 1.79 0.00	54.16 1.58 0.00	51.66 1.41 0.00
BEAVER RIVER___HYD 24048	39.76 0.08 0.00	38.25 0.11 0.00	37.34 0.15 0.00	36.61 0.00 0.00	35.37 0.07 0.00	37.21 0.19 0.00	43.17 0.34 0.00	49.74 0.59 0.00	53.42 0.79 0.00	54.83 0.65 0.00	53.70 0.69 0.00	52.58 0.78 0.00	51.07 0.65 0.00	48.34 0.43 0.00	46.79 0.56 0.00	51.69 0.76 0.00	61.58 0.55 0.00	72.26 0.72 0.00	66.46 0.33 0.00	61.06 0.31 0.00	59.55 0.12 0.00	56.37 0.28 0.00	53.22 0.63 0.00	50.95 0.70 0.00
BEEBEE_GT_13 23619	38.33 -1.35 0.00	36.91 -1.22 0.00	35.82 -1.38 0.00	35.58 -1.03 0.00	34.10 -1.20 0.00	35.13 -1.89 0.00	40.64 -2.18 0.00	46.79 -2.36 0.00	50.10 -2.53 0.00	51.90 -2.28 0.00	50.89 -2.12 0.00	49.62 -2.18 0.00	48.35 -2.07 0.00	45.90 -2.01 0.00	44.38 -1.85 0.00	48.78 -2.14 0.00	58.72 -2.32 0.00	69.69 -1.86 0.00	64.02 -2.12 -0.01	58.81 -1.94 0.00	56.76 -2.67 0.00	53.45 -2.64 0.00	50.06 -2.52 0.00	49.00 -1.26 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.49 2.82 0.00	40.76 2.63 0.00	39.76 2.57 0.00	39.06 2.45 0.00	37.66 2.37 0.00	39.69 2.67 0.00	46.17 3.34 0.00	53.13 3.98 0.00	58.42 4.53 -1.26	60.35 4.60 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.30 4.23 -0.65	52.04 4.12 0.00	50.12 3.88 0.00	55.20 4.28 0.00	66.47 5.43 0.00	77.63 6.08 0.00	72.01 5.89 0.00	66.28 5.53 0.00	64.73 5.29 0.00	60.91 4.82 0.00	56.95 4.36 0.00	53.92 3.67 0.00
BETHLEHEM___GRP 23843	40.91 1.23 0.00	39.28 1.14 0.00	38.35 1.15 0.00	37.71 1.10 0.00	36.36 1.06 0.00	38.21 1.18 0.00	43.85 1.03 0.00	49.74 0.59 0.00	53.26 0.63 0.00	54.72 0.54 0.00	53.49 0.48 0.00	52.21 0.41 0.00	50.87 0.45 0.00	48.49 0.57 0.00	46.74 0.51 0.00	51.38 0.46 0.00	61.52 0.49 0.00	72.12 0.57 0.00	66.79 0.66 0.00	61.36 0.61 0.00	60.21 0.77 0.00	56.71 0.62 0.00	53.11 0.53 0.00	50.70 0.45 0.00
BETHLEHEM___GS1 323560	40.91 1.23 0.00	39.27 1.14 0.00	38.31 1.11 0.00	37.71 1.10 0.00	36.36 1.06 0.00	38.21 1.18 0.00	43.85 1.03 0.00	49.74 0.59 0.00	53.26 0.63 0.00	54.72 0.54 0.00	53.49 0.48 0.00	52.21 0.41 0.00	50.87 0.45 0.00	48.49 0.58 0.00	46.74 0.51 0.00	51.38 0.46 0.00	61.58 0.55 0.00	72.12 0.57 0.00	66.79 0.66 0.00	61.36 0.61 0.00	60.21 0.77 0.00	56.76 0.68 0.00	53.16 0.58 0.00	50.70 0.45 0.00
BETHLEHEM___GS2 323561	40.91 1.23 0.00	39.27 1.14 0.00	38.31 1.11 0.00	37.71 1.10 0.00	36.36 1.06 0.00	38.21 1.18 0.00	43.85 1.03 0.00	49.74 0.59 0.00	53.26 0.63 0.00	54.72 0.54 0.00	53.49 0.48 0.00	52.21 0.41 0.00	50.87 0.45 0.00	48.49 0.58 0.00	46.74 0.51 0.00	51.38 0.46 0.00	61.58 0.55 0.00	72.12 0.57 0.00	66.79 0.66 0.00	61.36 0.61 0.00	60.21 0.77 0.00	56.76 0.68 0.00	53.16 0.58 0.00	50.70 0.45 0.00
BETHLEHEM___GS3 323562	40.91 1.23 0.00	39.27 1.14 0.00	38.31 1.11 0.00	37.71 1.10 0.00	36.36 1.06 0.00	38.21 1.18 0.00	43.85 1.03 0.00	49.74 0.59 0.00	53.26 0.63 0.00	54.72 0.54 0.00	53.49 0.48 0.00	52.21 0.41 0.00	50.87 0.45 0.00	48.49 0.58 0.00	46.74 0.51 0.00	51.38 0.46 0.00	61.58 0.55 0.00	72.12 0.57 0.00	66.79 0.66 0.00	61.36 0.61 0.00	60.21 0.77 0.00	56.76 0.68 0.00	53.16 0.58 0.00	50.70 0.45 0.00
BETHLEHEM___STEEL 23779	37.85 -1.83 0.00	36.26 -1.87 0.00	35.19 -2.01 0.00	35.11 -1.50 0.00	33.50 -1.80 0.00	34.25 -2.78 0.00	39.53 -3.30 0.00	45.17 -3.98 0.00	48.05 -4.58 0.00	50.06 -4.12 0.00	48.88 -4.13 0.00	47.71 -4.09 0.00	46.43 -3.98 0.00	43.55 -3.69 0.67	42.20 -3.51 0.52	46.85 -4.07 0.00	56.51 -4.52 0.01	61.57 -6.22 3.76	48.49 -6.08 11.55	49.00 -5.71 6.04	54.08 -4.75 0.60	51.55 -4.54 0.00	48.38 -4.21 0.00	48.14 -2.11 0.00
BETHLHEM_115KV_TB1 79974	40.87 1.19 0.00	39.28 1.14 0.00	38.31 1.12 0.00	37.67 1.06 0.00	36.32 1.02 0.00	38.17 1.15 0.00	43.85 1.03 0.00	49.84 0.69 0.00	53.37 0.74 0.00	54.88 0.70 0.00	53.60 0.58 0.00	52.32 0.52 0.00	50.97 0.55 0.00	48.59 0.67 0.00	46.83 0.60 0.00	51.48 0.56 0.00	61.71 0.67 0.00	72.33 0.79 0.00	66.99 0.86 0.00	61.48 0.73 0.00	60.33 0.89 0.00	56.87 0.79 0.00	53.27 0.68 0.00	50.80 0.55 0.00
BETHPAGE_CC_5 323564	43.02 3.33 -0.01	40.95 2.82 0.00	39.69 2.49 0.00	38.92 2.31 0.00	37.53 2.23 0.00	39.84 2.81 0.00	46.69 3.86 -0.01	53.63 4.47 -0.01	57.58 4.95 -0.01	59.17 4.98 -0.02	63.35 4.50 -5.83	62.29 4.46 -6.04	62.29 4.38 -7.49	60.48 4.31 -8.25	59.52 4.11 -9.17	62.55 4.48 -7.15	66.48 5.43 -0.02	77.63 6.08 -0.01	71.96 5.82 -0.02	66.50 5.35 -0.40	64.62 5.17 -0.02	63.50 4.82 -2.59	58.27 4.68 -1.01	54.33 4.07 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.97 -1.71 0.00	36.38 -1.75 0.00	35.30 -1.90 0.00	35.22 -1.39 0.00	33.64 -1.66 0.00	34.39 -2.63 0.00	39.74 -3.08 0.00	45.37 -3.78 0.00	48.26 -4.37 0.00	50.27 -3.90 0.00	49.09 -3.92 0.00	47.91 -3.88 0.00	46.63 -3.78 0.00	43.78 -3.50 0.63	42.42 -3.33 0.49	47.05 -3.87 0.00	56.81 -4.21 0.01	61.65 -6.37 3.53	49.04 -6.22 10.87	49.24 -5.83 5.68	54.35 -4.52 0.56	51.77 -4.32 0.00	48.64 -3.94 0.00	48.29 -1.96 0.00
BINGHAMTON___COGEN 23790	39.56 -0.12 0.00	37.98 -0.15 0.00	37.05 -0.15 0.00	36.57 -0.04 0.00	35.19 -0.11 0.00	36.69 -0.33 0.00	42.65 -0.17 0.00	49.25 0.10 0.00	52.63 0.00 0.00	54.28 0.11 0.00	53.01 0.00 0.00	51.80 0.00 0.00	50.47 0.05 0.00	47.91 0.00 0.00	46.28 0.05 0.00	50.97 0.05 0.00	61.10 0.06 0.00	71.19 -0.36 0.00	65.80 -0.33 0.00	60.33 -0.43 0.00	59.38 -0.06 0.00	55.86 -0.22 0.00	52.27 -0.32 0.00	50.35 0.10 0.00

BIXINCNT_115KV_LOAD 355685	36.98 -2.70 0.00	35.46 -2.67 0.00	34.44 -2.75 0.00	34.56 -2.05 0.00	33.18 -2.12 0.00	34.06 -2.96 0.00	39.74 -3.08 0.00	45.17 -3.98 0.00	47.84 -4.79 0.00	49.84 -4.33 0.00	48.61 -4.40 0.00	47.03 -4.77 0.00	45.83 -4.59 0.00	43.23 -4.26 0.42	41.84 -4.07 0.32	46.24 -4.68 0.00	56.08 -4.94 0.01	60.34 -8.87 2.33	50.49 -8.46 7.17	49.04 -7.96 3.75	53.42 -5.65 0.37	50.59 -5.50 0.00	47.69 -4.89 0.00	47.04 -3.22 0.00
BLACK RIVER___HYD 24047	40.07 0.40 0.00	38.55 0.42 0.00	37.68 0.48 0.00	36.87 0.26 0.00	35.65 0.35 0.00	37.50 0.48 0.00	43.47 0.64 0.00	50.38 1.23 0.00	54.10 1.47 0.00	55.47 1.30 0.00	54.34 1.33 0.00	53.14 1.34 0.00	51.52 1.11 0.00	48.68 0.76 0.00	47.20 0.97 0.00	52.24 1.32 0.00	62.68 1.65 0.00	73.55 2.00 0.00	67.58 1.45 0.00	62.09 1.33 0.00	60.51 1.07 0.00	57.15 1.06 0.00	53.64 1.05 0.00	51.46 1.20 0.00
BLACKRVR_115KV_TB2 79977	40.07 0.40 0.00	38.55 0.42 0.00	37.64 0.45 0.00	36.87 0.26 0.00	35.65 0.35 0.00	37.50 0.48 0.00	43.47 0.64 0.00	50.38 1.23 0.00	54.10 1.47 0.00	55.47 1.30 0.00	54.28 1.27 0.00	53.15 1.35 0.00	51.52 1.11 0.00	48.68 0.77 0.00	47.20 0.97 0.00	52.25 1.32 0.00	62.68 1.65 0.00	73.62 2.07 0.00	67.58 1.45 0.00	62.09 1.34 0.00	60.51 1.07 0.00	57.15 1.07 0.00	53.64 1.05 0.00	51.46 1.21 0.00
BLDWN_LI_69_KV_BK4 356085	43.05 3.37 0.00	41.03 2.90 0.00	39.87 2.68 0.00	39.03 2.42 0.00	37.59 2.29 0.00	39.91 2.89 0.00	46.72 3.90 0.00	53.72 4.57 0.00	57.63 5.00 0.00	59.23 5.04 -0.02	63.40 4.56 -5.83	62.35 4.51 -6.04	62.35 4.44 -7.49	60.53 4.36 -8.25	59.57 4.16 -9.17	62.61 4.53 -7.15	66.67 5.62 -0.02	77.91 6.37 0.00	72.23 6.08 -0.02	66.80 5.65 -0.40	64.86 5.41 -0.02	63.67 4.99 -2.59	58.33 4.73 -1.01	54.47 4.22 0.00
BLISS_WT_PWR 323608	36.47 -3.21 0.00	35.04 -3.09 0.00	34.40 -2.79 0.00	34.23 -2.38 0.00	32.86 -2.44 0.00	33.76 -3.26 0.00	39.44 -3.38 0.00	44.83 -4.33 0.00	47.42 -5.21 0.00	49.41 -4.77 0.00	48.19 -4.82 0.00	46.52 -5.28 0.00	45.37 -5.04 0.00	42.75 -4.74 0.42	41.29 -4.62 0.32	45.73 -5.19 0.00	55.41 -5.61 0.01	59.48 -9.73 2.33	49.63 -9.32 7.17	48.25 -8.75 3.75	52.70 -6.36 0.37	49.86 -6.23 0.00	46.96 -5.63 0.00	46.43 -3.82 0.00
BLUESTONE___WT_PWR 323821	40.47 0.79 0.00	38.89 0.76 0.00	38.01 0.82 0.00	37.30 0.69 0.00	36.01 0.71 0.00	37.76 0.74 0.00	44.02 1.20 0.00	51.12 1.97 0.00	54.84 2.21 0.00	56.50 2.33 0.00	55.40 2.39 0.00	54.13 2.33 0.00	52.58 2.17 0.00	49.69 1.77 0.00	48.64 2.40 0.00	53.72 2.80 0.00	64.76 3.72 0.00	75.77 4.22 0.00	69.76 3.63 0.00	63.97 3.22 0.00	62.76 3.33 0.00	58.00 1.91 0.00	54.16 1.58 0.00	52.16 1.91 0.00
BLUE_CIRC_CHEM_DRP 24182	41.11 1.43 0.00	39.47 1.33 0.00	38.53 1.34 0.00	37.89 1.28 0.00	36.54 1.24 0.00	38.36 1.33 0.00	44.20 1.37 0.00	50.38 1.23 0.00	53.89 1.26 0.00	55.47 1.30 0.00	54.18 1.17 0.00	52.89 1.09 0.00	51.52 1.11 0.00	49.02 1.10 0.00	47.25 1.02 0.00	52.04 1.12 0.00	62.44 1.40 0.00	73.26 1.72 0.00	67.85 1.72 0.00	62.33 1.58 0.00	61.16 1.72 0.00	57.66 1.57 0.00	54.00 1.42 0.00	51.56 1.31 0.00
BOC_GAS_DRP 24189	40.67 0.99 0.00	39.09 0.95 0.00	38.12 0.93 0.00	37.53 0.92 0.00	36.18 0.88 0.00	37.99 0.96 0.00	43.81 0.98 0.00	50.09 0.93 0.00	53.63 1.00 0.00	55.15 0.98 0.00	53.86 0.85 0.00	52.63 0.83 0.00	51.27 0.86 0.00	48.78 0.86 0.00	47.06 0.83 0.00	51.79 0.87 0.00	62.07 1.04 0.00	72.76 1.22 0.00	67.38 1.26 0.00	61.91 1.15 0.00	60.68 1.25 0.00	57.21 1.12 0.00	53.58 1.00 0.00	51.06 0.80 0.00
BOONVILLE_115KV_TB1 79983	40.23 0.56 0.00	38.67 0.53 0.00	37.75 0.56 0.00	37.05 0.44 0.00	35.79 0.49 0.00	37.62 0.59 0.00	43.60 0.77 0.00	50.23 1.08 0.00	53.95 1.32 0.00	55.42 1.25 0.00	54.18 1.17 0.00	53.04 1.24 0.00	51.62 1.21 0.00	48.92 1.01 0.00	47.30 1.06 0.00	52.14 1.22 0.00	62.50 1.46 0.00	73.26 1.72 0.00	67.51 1.39 0.00	61.97 1.22 0.00	60.56 1.13 0.00	57.15 1.07 0.00	53.64 1.05 0.00	51.36 1.11 0.00
BORALEX_4TH_BRANCH 23824	41.70 2.02 0.00	40.04 1.91 0.00	39.05 1.86 0.00	38.44 1.83 0.00	37.06 1.76 0.00	38.99 1.96 0.00	45.10 2.27 0.00	51.71 2.56 0.00	55.37 2.74 0.00	56.88 2.71 0.00	55.61 2.60 0.00	54.29 2.49 0.00	52.83 2.42 0.00	50.21 2.30 0.00	48.41 2.17 0.00	53.31 2.39 0.00	64.03 2.99 0.00	74.98 3.43 0.00	69.56 3.44 0.00	63.91 3.16 0.00	63.00 3.57 0.00	59.40 3.31 0.00	55.58 3.00 0.00	52.97 2.71 0.00
BOWLINE___1 23526	41.58 1.90 0.00	39.89 1.76 0.00	38.83 1.63 0.00	38.22 1.61 0.00	36.89 1.59 0.00	38.87 1.85 0.00	45.14 2.31 0.00	51.85 2.70 0.00	55.52 2.89 0.00	57.04 2.87 0.00	55.77 2.75 0.00	54.54 2.74 0.00	53.14 2.72 0.00	50.64 2.73 0.00	48.87 2.63 0.00	53.67 2.75 0.00	64.51 3.48 0.00	75.34 3.79 0.00	69.89 3.77 0.00	64.27 3.52 0.00	62.82 3.39 0.00	59.17 3.08 0.00	55.47 2.89 0.00	52.46 2.21 0.00
BOWLINE___2 23595	41.58 1.90 0.00	39.89 1.76 0.00	38.79 1.60 0.00	38.22 1.61 0.00	36.89 1.59 0.00	38.84 1.81 0.00	45.14 2.31 0.00	51.81 2.65 0.00	55.47 2.84 0.00	56.99 2.82 0.00	55.71 2.70 0.00	54.49 2.69 0.00	53.09 2.67 0.00	50.60 2.68 0.00	48.82 2.59 0.00	53.62 2.70 0.00	64.39 3.35 0.00	75.19 3.65 0.00	69.83 3.70 0.00	64.21 3.46 0.00	62.70 3.27 0.00	59.12 3.03 0.00	55.42 2.84 0.00	52.41 2.16 0.00
BRADY___115KV_TB2 356060	40.35 0.67 0.00	38.86 0.72 0.00	37.86 0.67 0.00	37.20 0.59 0.00	35.90 0.60 0.00	37.69 0.67 0.00	43.72 0.90 0.00	50.19 1.03 0.00	53.74 1.11 0.00	55.10 0.92 0.00	54.07 1.06 0.00	52.84 1.04 0.00	51.37 0.96 0.00	48.78 0.86 0.00	47.06 0.83 0.00	51.99 1.07 0.00	62.01 0.98 0.00	72.69 1.14 0.00	66.85 0.73 0.00	61.48 0.73 0.00	60.15 0.71 0.00	57.15 1.07 0.00	53.90 1.31 0.00	51.51 1.26 0.00
BRANSCOMB___SOLAR 323811	41.54 1.87 0.00	39.89 1.76 0.00	38.91 1.71 0.00	38.29 1.68 0.00	36.92 1.62 0.00	38.84 1.81 0.00	44.84 2.01 0.00	51.42 2.26 0.00	54.94 2.31 0.00	56.61 2.44 0.00	55.40 2.39 0.00	54.13 2.33 0.00	52.63 2.22 0.00	49.88 1.97 0.00	48.08 1.85 0.00	53.01 2.09 0.00	63.84 2.81 0.00	74.84 3.29 0.00	69.30 3.17 0.00	63.61 2.86 0.00	62.46 3.03 0.00	58.89 2.80 0.00	55.11 2.52 0.00	52.66 2.41 0.00
BRDGHMPT_69_KV_BK1 55812	44.52 4.84 0.00	42.25 4.12 0.00	40.95 3.76 0.00	40.01 3.40 0.00	38.55 3.25 0.00	41.06 4.04 0.00	48.31 5.48 0.00	55.54 6.39 0.00	59.79 7.16 0.00	61.45 7.26 -0.02	64.94 6.10 -5.83	63.69 5.85 -6.04	63.60 5.70 -7.49	61.82 5.65 -8.25	60.81 5.41 -9.17	64.03 5.96 -7.15	68.80 7.75 -0.02	80.56 9.01 0.00	74.74 8.60 -0.02	69.11 7.96 -0.40	67.06 7.61 -0.02	65.57 6.90 -2.59	60.11 6.52 -1.01	55.98 5.73 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	43.53 3.85 0.00	41.41 3.28 0.00	40.21 3.01 0.00	39.28 2.67 0.00	37.88 2.58 0.00	40.28 3.26 0.00	47.32 4.50 0.00	54.41 5.26 0.00	58.42 5.79 0.00	60.04 5.85 -0.02	64.04 5.20 -5.83	62.91 5.08 -6.04	62.90 4.99 -7.49	61.10 4.94 -8.25	60.12 4.72 -9.17	63.22 5.14 -7.15	67.46 6.41 -0.02	78.77 7.23 0.00	73.09 6.94 -0.02	67.59 6.44 -0.40	65.63 6.18 -0.02	64.40 5.72 -2.59	59.01 5.42 -1.01	55.02 4.77 0.00
BRISTLHL_115KV_TB1 79998	38.65 -1.03 0.00	37.14 -0.99 0.00	36.26 -0.93 0.00	35.73 -0.88 0.00	34.45 -0.85 0.00	35.99 -1.04 0.00	41.67 -1.16 0.00	47.97 -1.18 0.00	51.37 -1.26 0.00	52.98 -1.19 0.00	51.85 -1.17 0.00	50.66 -1.14 0.00	49.31 -1.11 0.00	46.81 -1.10 0.00	45.22 -1.02 0.00	49.65 -1.27 0.00	59.63 -1.40 0.00	69.97 -1.57 0.00	64.61 -1.52 0.00	59.29 -1.46 0.00	57.89 -1.55 0.00	54.57 -1.51 0.00	51.11 -1.47 0.00	49.05 -1.21 0.00
BROOKHAVEN___DRP 24191	43.65 3.97 0.00	41.45 3.32 0.00	40.21 3.01 0.00	39.32 2.71 0.00	37.88 2.58 0.00	40.32 3.30 0.00	47.37 4.54 0.00	54.51 5.36 0.00	58.58 5.95 0.00	60.20 6.01 -0.02	63.72 4.88 -5.83	62.60 4.77 -6.04	62.55 4.64 -7.49	60.81 4.65 -8.25	59.89 4.48 -9.17	62.91 4.84 -7.15	67.28 6.23 -0.02	78.63 7.08 0.00	72.95 6.81 -0.02	67.47 6.32 -0.40	65.51 6.06 -0.02	64.17 5.50 -2.59	58.85 5.26 -1.01	54.82 4.57 0.00
BROOKLYN_NAVY_YARD 23515	42.06 2.38 0.00	40.30 2.17 0.00	39.20 2.01 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.47 3.84 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.05 3.63 0.00	51.55 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.48 4.93 0.00	71.02 4.89 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.26 3.68 0.00	53.11 2.86 0.00
BROOKLYN___ARMY_DRP 323595	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
BROOME_2_LFGE 323671	39.56 -0.12 0.00	37.98 -0.15 0.00	37.12 -0.07 0.00	36.57 -0.04 0.00	35.19 -0.11 0.00	36.69 -0.33 0.00	42.65 -0.17 0.00	49.25 0.10 0.00	52.63 0.00 0.00	54.28 0.11 0.00	53.01 0.00 0.00	51.80 0.00 0.00	50.47 0.05 0.00	47.91 0.00 0.00	46.28 0.05 0.00	50.97 0.05 0.00	61.03 0.00 0.00	71.19 -0.36 0.00	65.73 -0.39 0.00	60.33 -0.42 0.00	59.38 -0.06 0.00	55.87 -0.22 0.00	52.27 -0.31 0.00	50.35 0.10 0.00
BROOME___LFGE 323600	39.56 -0.12 0.00	37.98 -0.15 0.00	37.12 -0.07 0.00	36.57 -0.04 0.00	35.19 -0.11 0.00	36.69 -0.33 0.00	42.65 -0.17 0.00	49.25 0.10 0.00	52.63 0.00 0.00	54.28 0.11 0.00	53.01 0.00 0.00	51.80 0.00 0.00	50.47 0.05 0.00	47.91 0.00 0.00	46.28 0.05 0.00	50.97 0.05 0.00	61.03 0.00 0.00	71.19 -0.36 0.00	65.73 -0.39 0.00	60.33 -0.42 0.00	59.38 -0.06 0.00	55.87 -0.22 0.00	52.27 -0.31 0.00	50.35 0.10 0.00
BROWNFLS_115KV_TB 3_5 80003	39.84 0.16 0.00	38.32 0.19 0.00	37.38 0.19 0.00	36.68 0.07 0.00	35.44 0.14 0.00	37.24 0.22 0.00	43.17 0.34 0.00	49.69 0.54 0.00	53.31 0.68 0.00	54.66 0.49 0.00	53.65 0.64 0.00	52.52 0.73 0.00	51.02 0.60 0.00	48.35 0.43 0.00	46.69 0.46 0.00	51.53 0.61 0.00	61.03 0.00 0.00	71.55 0.00 0.00	65.80 -0.33 0.00	60.51 -0.42 0.00	59.08 -0.36 0.00	56.20 0.11 0.00	53.27 0.68 0.00	50.96 0.70 0.00
BROWNSV1_27_KV_LOAD 356125	42.38 2.70 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.52 2.22 0.00	39.58 2.55 0.00	46.08 3.25 0.00	52.99 3.83 0.00	56.89 4.26 0.00	58.51 4.33 0.00	57.20 4.19 0.00	55.94 4.14 0.00	54.50 4.08 0.00	51.99 4.07 0.00	50.07 3.84 0.00	55.10 4.18 0.00	66.16 5.13 0.00	77.20 5.65 0.00	71.75 5.62 0.00	65.98 5.22 0.00	64.37 4.93 0.00	60.58 4.49 0.00	56.63 4.05 0.00	53.57 3.32 0.00
BURROWS___LYONSDAL 23803	40.07 0.40 0.00	38.55 0.42 0.00	37.60 0.41 0.00	36.94 0.33 0.00	35.65 0.35 0.00	37.47 0.44 0.00	43.43 0.60 0.00	50.09 0.93 0.00	53.79 1.16 0.00	55.26 1.08 0.00	54.02 1.01 0.00	52.89 1.09 0.00	51.42 1.01 0.00	48.73 0.81 0.00	47.11 0.88 0.00	51.99 1.07 0.00	62.26 1.22 0.00	72.98 1.43 0.00	67.25 1.12 0.00	61.72 0.97 0.00	60.33 0.89 0.00	56.93 0.84 0.00	53.48 0.89 0.00	51.21 0.95 0.00
CAITHNESS_CC_1 323624	43.50 3.81 -0.01	41.30 3.16 0.00	39.99 2.79 0.00	39.21 2.60 0.00	37.77 2.47 0.00	40.21 3.18 0.00	47.25 4.41 -0.01	54.32 5.16 -0.01	58.38 5.74 -0.01	59.99 5.80 -0.02	63.62 4.77 -5.83	62.50 4.66 -6.04	62.45 4.54 -7.49	60.72 4.55 -8.25	59.80 4.39 -9.17	62.81 4.74 -7.15	67.15 6.10 -0.02	78.42 6.87 -0.01	72.75 6.61 -0.02	67.28 6.13 -0.40	65.34 5.89 -0.02	63.95 5.27 -2.59	58.80 5.21 -1.01	54.73 4.47 -0.01
CALPINE BETH_PAGE_GT4 24209	43.05 3.37 0.00	40.99 2.86 0.00	39.84 2.64 0.00	38.99 2.38 0.00	37.56 2.26 0.00	39.87 2.85 0.00	46.72 3.90 0.00	53.68 4.52 0.00	57.63 5.00 0.00	59.23 5.04 -0.02	63.40 4.56 -5.83	62.35 4.51 -6.04	62.34 4.44 -7.49	60.53 4.36 -8.25	59.57 4.16 -9.17	62.60 4.53 -7.15	66.42 5.37 -0.02	77.63 6.08 0.00	71.96 5.82 -0.02	66.56 5.41 -0.40	64.62 5.17 -0.02	63.50 4.82 -2.59	58.27 4.68 -1.01	54.37 4.12 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.06 3.37 -0.01	40.99 2.86 0.00	39.72 2.53 0.00	38.96 2.35 0.00	37.56 2.26 0.00	39.87 2.85 0.00	46.73 3.90 -0.01	53.68 4.52 -0.01	57.64 5.00 -0.01	59.23 5.04 -0.02	63.45 4.61 -5.83	62.34 4.50 -6.04	62.35 4.44 -7.49	60.53 4.36 -8.25	59.61 4.21 -9.17	62.60 4.53 -7.15	66.48 5.43 -0.02	77.63 6.08 -0.01	71.96 5.82 -0.02	66.56 5.41 -0.40	64.62 5.17 -0.02	63.50 4.82 -2.59	58.33 4.73 -1.01	54.38 4.12 -0.01
CALPINE_BP_GT1 23823	43.06 3.37 -0.01	40.99 2.86 0.00	39.72 2.53 0.00	38.96 2.35 0.00	37.56 2.26 0.00	39.87 2.85 0.00	46.73 3.90 -0.01	53.68 4.52 -0.01	57.64 5.00 -0.01	59.23 5.04 -0.02	63.45 4.61 -5.83	62.34 4.50 -6.04	62.35 4.44 -7.49	60.53 4.36 -8.25	59.61 4.21 -9.17	62.60 4.53 -7.15	66.48 5.43 -0.02	77.63 6.08 -0.01	71.96 5.82 -0.02	66.56 5.41 -0.40	64.62 5.17 -0.02	63.50 4.82 -2.59	58.33 4.73 -1.01	54.38 4.12 -0.01
CALSPAN___DRP 24200	37.85 -1.83 0.00	36.26 -1.87 0.00	35.19 -2.01 0.00	35.11 -1.50 0.00	33.50 -1.80 0.00	34.25 -2.78 0.00	39.53 -3.30 0.00	45.17 -3.98 0.00	48.05 -4.58 0.00	50.06 -4.12 0.00	48.88 -4.13 0.00	47.71 -4.09 0.00	46.43 -3.98 0.00	43.55 -3.69 0.67	42.20 -3.51 0.52	46.85 -4.07 0.00	56.51 -4.52 0.01	61.57 -6.22 3.76	48.49 -6.08 11.55	49.00 -5.71 6.04	54.08 -4.75 0.60	51.55 -4.54 0.00	48.38 -4.21 0.00	48.14 -2.11 0.00

CALVERTON___SOLAR 323806	43.81 4.13 -0.01	41.60 3.47 0.00	40.28 3.09 0.00	39.43 2.82 0.00	37.98 2.68 0.00	40.47 3.44 0.00	47.59 4.75 -0.01	54.71 5.55 -0.01	58.85 6.21 -0.01	60.47 6.28 -0.02	63.93 5.09 -5.83	62.71 4.87 -6.04	62.70 4.79 -7.49	60.96 4.79 -8.25	60.03 4.62 -9.17	63.07 4.99 -7.15	67.52 6.47 -0.02	79.00 7.44 -0.01	73.29 7.14 -0.02	67.71 6.56 -0.40	65.75 6.30 -0.02	64.28 5.61 -2.59	59.11 5.52 -1.01	54.98 4.72 -0.01
CANDIGU_WT_PWR 323617	38.01 -1.66 0.00	36.49 -1.64 0.00	35.74 -1.45 0.00	35.29 -1.32 0.00	33.85 -1.45 0.00	34.99 -2.04 0.00	40.69 -2.14 0.00	46.59 -2.56 0.00	49.52 -3.11 0.00	51.14 -3.03 0.00	49.88 -3.13 0.00	48.74 -3.06 0.00	47.39 -3.02 0.00	41.04 -2.92 3.95	40.39 -2.82 3.02	47.87 -3.05 0.00	57.85 -3.11 0.08	45.31 -4.22 22.01	-5.86 -4.04 67.95	21.56 -3.83 35.37	52.84 -3.09 3.51	53.00 -3.08 0.00	49.59 -3.00 0.00	48.54 -1.71 0.00
CARR STREET_E__SYR 24060	38.92 -0.76 0.00	37.41 -0.73 0.00	36.56 -0.63 0.00	35.99 -0.62 0.00	34.67 -0.63 0.00	36.21 -0.81 0.00	41.97 -0.86 0.00	48.32 -0.84 0.00	51.68 -0.95 0.00	53.31 -0.87 0.00	52.16 -0.85 0.00	50.97 -0.83 0.00	49.61 -0.81 0.00	47.15 -0.77 0.00	45.49 -0.74 0.00	50.06 -0.87 0.00	59.94 -1.10 0.00	70.33 -1.22 0.00	64.94 -1.19 0.00	59.60 -1.16 0.00	58.18 -1.25 0.00	54.85 -1.23 0.00	51.48 -1.11 0.00	49.50 -0.75 0.00
CARTHAGE___PAPER 23857	39.92 0.24 0.00	38.40 0.27 0.00	37.49 0.30 0.00	36.72 0.11 0.00	35.48 0.18 0.00	37.36 0.33 0.00	43.34 0.52 0.00	50.08 0.93 0.00	53.79 1.16 0.00	55.15 0.98 0.00	54.02 1.00 0.00	52.89 1.09 0.00	51.27 0.86 0.00	48.49 0.58 0.00	46.97 0.74 0.00	51.94 1.02 0.00	62.07 1.04 0.00	72.90 1.36 0.00	66.98 0.86 0.00	61.54 0.79 0.00	60.03 0.59 0.00	56.76 0.68 0.00	53.42 0.84 0.00	51.16 0.91 0.00
CASSADAGA_WT_PWR 323784	36.50 -3.18 0.00	34.97 -3.16 0.00	34.37 -2.83 0.00	34.05 -2.56 0.00	32.86 -2.44 0.00	34.50 -2.52 0.00	40.47 -2.36 0.00	46.06 -3.10 0.00	48.68 -3.95 0.00	49.03 -5.15 0.00	47.34 -5.67 0.00	46.26 -5.54 0.00	44.97 -5.45 0.00	42.28 -5.18 0.46	40.89 -4.99 0.35	45.32 -5.60 0.00	57.24 -3.78 0.01	63.05 -5.94 2.56	52.64 -5.62 7.86	51.24 -5.41 4.11	55.34 -3.69 0.41	52.16 -3.93 0.00	46.96 -5.63 0.00	46.78 -3.47 0.00
CE_DUNWOOD___DRP 24194	41.86 2.18 0.00	40.15 2.02 0.00	39.17 1.97 0.00	38.48 1.87 0.00	37.14 1.84 0.00	39.13 2.11 0.00	45.48 2.66 0.00	52.25 3.10 0.00	56.05 3.42 0.00	57.64 3.47 0.00	56.35 3.34 0.00	55.06 3.26 0.00	53.64 3.23 0.00	51.12 3.21 0.00	49.24 3.01 0.00	54.23 3.31 0.00	65.06 4.03 0.00	75.98 4.44 0.00	70.56 4.43 0.00	64.88 4.13 0.00	63.36 3.92 0.00	59.68 3.59 0.00	55.84 3.26 0.00	52.86 2.61 0.00
CE_MILLWOOD___DRP 24193	41.74 2.06 0.00	40.04 1.91 0.00	39.05 1.86 0.00	38.37 1.76 0.00	37.03 1.73 0.00	39.02 2.00 0.00	45.31 2.48 0.00	52.05 2.90 0.00	55.84 3.21 0.00	57.37 3.20 0.00	56.09 3.07 0.00	54.86 3.06 0.00	53.44 3.02 0.00	50.89 2.97 0.00	49.05 2.82 0.00	53.98 3.06 0.00	64.82 3.78 0.00	75.70 4.15 0.00	70.29 4.17 0.00	64.64 3.89 0.00	63.12 3.68 0.00	59.45 3.37 0.00	55.69 3.10 0.00	52.76 2.51 0.00
CE_NYC2_DRP 24202	42.38 2.70 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.52 2.22 0.00	39.58 2.55 0.00	46.04 3.21 0.00	52.89 3.74 0.00	58.05 4.16 -1.26	59.92 4.17 -1.57	59.05 4.03 -2.01	57.91 3.99 -2.12	55.00 3.93 -0.65	51.84 3.93 0.00	49.93 3.70 0.00	54.99 4.07 0.00	66.04 5.00 0.00	76.98 5.44 0.00	71.48 5.36 0.00	65.79 5.04 0.00	64.19 4.75 0.00	60.46 4.37 0.00	56.53 3.94 0.00	53.52 3.27 0.00
CE_NYC_DRP 24195	42.10 2.42 0.00	40.38 2.25 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.52 3.89 0.00	58.08 3.90 0.00	56.83 3.82 0.00	55.53 3.73 0.00	54.15 3.73 0.00	51.65 3.74 0.00	49.75 3.51 0.00	54.74 3.82 0.00	65.73 4.70 0.00	76.63 5.08 0.00	71.15 5.03 0.00	65.49 4.74 0.00	63.89 4.46 0.00	60.18 4.09 0.00	56.21 3.63 0.00	53.22 2.96 0.00
CHAFFEE___LFGE 323603	37.97 -1.70 0.00	36.42 -1.72 0.00	35.74 -1.45 0.00	35.29 -1.32 0.00	33.68 -1.62 0.00	34.43 -2.59 0.00	39.79 -3.04 0.00	45.42 -3.74 0.00	48.26 -4.37 0.00	50.33 -3.85 0.00	49.09 -3.92 0.00	48.02 -3.78 0.00	46.68 -3.73 0.00	43.92 -3.45 0.55	42.39 -3.42 0.42	47.10 -3.82 0.00	56.69 -4.33 0.01	62.36 -6.15 3.04	50.83 -5.95 9.34	50.22 -5.65 4.88	54.55 -4.40 0.48	51.77 -4.32 0.00	48.48 -4.10 0.00	48.39 -1.86 0.00
CHATEAUG_35_KV_LOAD 355732	39.12 -0.56 0.00	37.67 -0.46 0.00	36.64 -0.56 0.00	35.99 -0.62 0.00	34.74 -0.56 0.00	36.43 -0.59 0.00	42.31 -0.51 0.00	48.42 -0.74 0.00	52.00 -0.63 0.00	53.42 -0.76 0.00	52.54 -0.48 0.00	51.28 -0.52 0.00	49.86 -0.55 0.00	47.34 -0.57 0.00	45.72 -0.51 0.00	50.56 -0.36 0.00	60.36 -0.67 0.00	70.76 -0.79 0.00	65.00 -1.12 0.00	59.84 -0.91 0.00	58.54 -0.89 0.00	55.42 -0.67 0.00	52.11 -0.47 0.00	49.60 -0.65 0.00
CHATEAUG_WT_PWR 323614	39.00 -0.67 0.00	37.56 -0.57 0.00	36.53 -0.67 0.00	35.88 -0.73 0.00	34.63 -0.67 0.00	36.32 -0.70 0.00	42.14 -0.69 0.00	48.27 -0.88 0.00	51.84 -0.79 0.00	53.25 -0.92 0.00	52.38 -0.63 0.00	51.18 -0.62 0.00	49.76 -0.66 0.00	47.24 -0.67 0.00	45.63 -0.60 0.00	50.41 -0.51 0.00	60.12 -0.91 0.00	70.48 -1.07 0.00	64.87 -1.26 0.00	59.66 -1.09 0.00	58.37 -1.07 0.00	55.25 -0.84 0.00	52.01 -0.58 0.00	49.50 -0.75 0.00
CHAT_HIGH_FALL_HYD 323578	39.12 -0.56 0.00	37.67 -0.46 0.00	36.64 -0.56 0.00	35.99 -0.62 0.00	34.74 -0.56 0.00	36.43 -0.59 0.00	42.31 -0.51 0.00	48.42 -0.74 0.00	52.00 -0.63 0.00	53.42 -0.76 0.00	52.54 -0.48 0.00	51.28 -0.52 0.00	49.86 -0.55 0.00	47.34 -0.57 0.00	45.72 -0.51 0.00	50.56 -0.36 0.00	60.36 -0.67 0.00	70.76 -0.79 0.00	65.00 -1.12 0.00	59.84 -0.91 0.00	58.54 -0.89 0.00	55.42 -0.67 0.00	52.11 -0.47 0.00	49.60 -0.65 0.00
CHAUTAUQUA___LFGE 323629	37.50 -2.18 0.00	35.92 -2.21 0.00	35.26 -1.94 0.00	34.82 -1.79 0.00	33.36 -1.94 0.00	34.43 -2.59 0.00	40.34 -2.48 0.00	45.91 -3.25 0.00	48.63 -4.00 0.00	49.95 -4.23 0.00	48.51 -4.51 0.00	47.45 -4.35 0.00	46.18 -4.23 0.00	43.32 -4.02 0.57	41.91 -3.88 0.44	46.59 -4.33 0.00	57.30 -3.73 0.01	62.93 -5.44 3.17	51.13 -5.23 9.77	50.67 -4.98 5.10	55.24 -3.69 0.51	52.22 -3.87 0.00	48.17 -4.42 0.00	47.89 -2.36 0.00
CHERRYST_13_KV_LD 356241	42.22 2.54 0.00	40.46 2.33 0.00	39.46 2.27 0.00	38.73 2.12 0.00	37.38 2.08 0.00	39.43 2.41 0.00	45.91 3.08 0.00	52.79 3.64 0.00	56.68 4.05 0.00	58.29 4.12 0.00	56.99 3.98 0.00	55.74 3.94 0.00	54.30 3.88 0.00	51.80 3.88 0.00	49.88 3.65 0.00	54.89 3.97 0.00	65.92 4.88 0.00	76.84 5.29 0.00	71.42 5.29 0.00	65.67 4.92 0.00	64.07 4.64 0.00	60.30 4.21 0.00	56.37 3.79 0.00	53.32 3.07 0.00

CHESTROR_138KV_BK263 355645	41.34 1.67 0.00	39.66 1.53 0.00	38.68 1.49 0.00	38.04 1.43 0.00	36.68 1.38 0.00	38.61 1.59 0.00	44.84 2.01 0.00	51.51 2.36 0.00	55.16 2.53 0.00	56.67 2.49 0.00	55.34 2.33 0.00	54.08 2.28 0.00	52.68 2.27 0.00	50.21 2.30 0.00	48.41 2.17 0.00	53.26 2.34 0.00	63.96 2.93 0.00	74.84 3.29 0.00	69.43 3.31 0.00	63.85 3.10 0.00	62.41 2.97 0.00	58.78 2.69 0.00	55.06 2.47 0.00	52.21 1.96 0.00
CH_MIDHUDSON___DRP 24192	41.70 2.02 0.00	40.00 1.87 0.00	39.02 1.82 0.00	38.33 1.72 0.00	36.99 1.69 0.00	38.95 1.93 0.00	45.18 2.36 0.00	51.91 2.75 0.00	55.63 3.00 0.00	57.15 2.98 0.00	55.82 2.81 0.00	54.49 2.69 0.00	53.09 2.67 0.00	50.60 2.68 0.00	48.73 2.50 0.00	53.67 2.75 0.00	64.45 3.42 0.00	75.41 3.86 0.00	69.96 3.84 0.00	64.34 3.58 0.00	62.94 3.51 0.00	59.29 3.20 0.00	55.48 2.89 0.00	52.66 2.41 0.00
CH_MISC_IPPS 23765	41.90 2.22 0.00	40.15 2.02 0.00	39.05 1.86 0.00	38.48 1.87 0.00	37.13 1.83 0.00	39.09 2.07 0.00	45.39 2.57 0.00	52.15 3.00 0.00	55.84 3.21 0.00	57.37 3.20 0.00	56.03 3.02 0.00	54.70 2.90 0.00	53.34 2.92 0.00	50.74 2.83 0.00	48.96 2.73 0.00	53.87 2.95 0.00	64.82 3.79 0.00	75.84 4.29 0.00	70.36 4.24 0.00	64.70 3.95 0.00	63.24 3.81 0.00	59.57 3.48 0.00	55.79 3.21 0.00	52.86 2.61 0.00
CH_RES_BVR_FALLS 23983	39.60 -0.08 0.00	38.06 -0.08 0.00	37.12 -0.07 0.00	36.50 -0.11 0.00	35.23 -0.07 0.00	36.91 -0.11 0.00	42.74 -0.09 0.00	49.01 -0.15 0.00	52.52 -0.11 0.00	54.07 -0.11 0.00	52.91 -0.11 0.00	51.70 -0.10 0.00	50.31 -0.10 0.00	47.82 -0.10 0.00	46.14 -0.09 0.00	50.82 -0.10 0.00	60.91 -0.12 0.00	71.40 -0.14 0.00	65.93 -0.20 0.00	60.57 -0.18 0.00	59.26 -0.18 0.00	55.98 -0.11 0.00	52.48 -0.10 0.00	50.15 -0.10 0.00
CH_RES_NIAGARA 23895	37.10 -2.58 0.00	35.58 -2.55 0.00	34.48 -2.72 0.00	34.45 -2.16 0.00	32.79 -2.51 0.00	32.99 -4.04 0.00	37.86 -4.97 0.00	43.30 -5.85 0.00	46.10 -6.53 0.00	48.22 -5.96 0.00	47.07 -5.94 0.00	45.95 -5.85 0.00	44.77 -5.65 0.00	42.64 -4.74 0.54	40.88 -4.95 0.41	45.22 -5.70 0.00	54.19 -6.84 0.01	61.84 -6.73 2.98	50.30 -6.61 9.21	49.82 -6.14 4.79	52.13 -6.84 0.48	49.53 -6.56 0.00	46.59 -5.99 0.00	46.68 -3.57 0.00
CH_RES_SYRACUSE 23985	39.16 -0.52 0.00	37.64 -0.50 0.00	36.75 -0.44 0.00	36.21 -0.40 0.00	34.88 -0.42 0.00	36.43 -0.59 0.00	42.23 -0.60 0.00	48.66 -0.49 0.00	52.05 -0.58 0.00	53.69 -0.49 0.00	52.53 -0.48 0.00	51.33 -0.47 0.00	49.96 -0.45 0.00	47.44 -0.48 0.00	45.77 -0.46 0.00	50.41 -0.51 0.00	60.54 -0.49 0.00	71.05 -0.50 0.00	65.59 -0.53 0.00	60.20 -0.55 0.00	58.84 -0.59 0.00	55.42 -0.67 0.00	51.90 -0.69 0.00	49.85 -0.40 0.00
CLINTON_WT_PWR 323605	39.00 -0.67 0.00	37.56 -0.57 0.00	36.53 -0.67 0.00	35.88 -0.73 0.00	34.63 -0.67 0.00	36.32 -0.70 0.00	42.14 -0.69 0.00	48.27 -0.88 0.00	51.84 -0.79 0.00	53.25 -0.92 0.00	52.38 -0.63 0.00	51.18 -0.62 0.00	49.76 -0.66 0.00	47.24 -0.67 0.00	45.63 -0.60 0.00	50.41 -0.51 0.00	60.12 -0.91 0.00	70.48 -1.07 0.00	64.87 -1.26 0.00	59.66 -1.09 0.00	58.37 -1.07 0.00	55.25 -0.84 0.00	52.01 -0.58 0.00	49.50 -0.75 0.00
CLINTON___LFGE 323618	39.96 0.28 0.00	38.55 0.42 0.00	37.42 0.22 0.00	36.76 0.15 0.00	35.55 0.25 0.00	37.25 0.22 0.00	43.51 0.68 0.00	49.74 0.59 0.00	53.47 0.84 0.00	54.77 0.60 0.00	53.97 0.96 0.00	52.68 0.88 0.00	51.17 0.76 0.00	48.59 0.67 0.00	46.93 0.69 0.00	51.99 1.07 0.00	62.13 1.10 0.00	72.98 1.43 0.00	66.06 -0.07 0.00	60.75 0.00 0.00	59.44 0.00 0.00	56.31 0.23 0.00	53.00 0.42 0.00	50.45 0.20 0.00
COBBLENY_34_KV_TB1 80064	38.01 -1.67 0.00	36.42 -1.72 0.00	35.33 -1.86 0.00	35.26 -1.35 0.00	33.68 -1.62 0.00	34.43 -2.59 0.00	39.78 -3.04 0.00	45.42 -3.74 0.00	48.31 -4.32 0.00	50.33 -3.85 0.00	49.14 -3.87 0.00	47.97 -3.83 0.00	46.68 -3.73 0.00	43.92 -3.45 0.55	42.53 -3.28 0.42	47.10 -3.82 0.00	56.87 -4.15 0.01	62.43 -6.08 3.04	50.90 -5.89 9.34	50.34 -5.53 4.88	54.55 -4.40 0.48	51.88 -4.21 0.00	48.69 -3.89 0.00	48.39 -1.86 0.00
COFFEEN___115KV_TB3 355620	40.19 0.52 0.00	38.67 0.53 0.00	37.75 0.56 0.00	36.94 0.33 0.00	35.72 0.42 0.00	37.62 0.59 0.00	43.60 0.77 0.00	50.58 1.43 0.00	54.31 1.68 0.00	55.69 1.52 0.00	54.50 1.48 0.00	53.35 1.55 0.00	51.73 1.31 0.00	48.87 0.96 0.00	47.39 1.16 0.00	52.45 1.53 0.00	62.99 1.95 0.00	73.98 2.43 0.00	67.91 1.79 0.00	62.39 1.64 0.00	60.80 1.37 0.00	57.43 1.35 0.00	53.90 1.31 0.00	51.66 1.41 0.00
COLDSPRG_115KV_BK1 355956	38.25 -1.43 0.00	36.57 -1.56 0.00	35.56 -1.64 0.00	35.48 -1.13 0.00	34.10 -1.20 0.00	35.36 -1.67 0.00	41.41 -1.41 0.00	47.09 -2.06 0.00	49.84 -2.79 0.00	51.14 -3.03 0.00	49.67 -3.34 0.00	48.54 -3.26 0.00	47.24 -3.18 0.00	44.66 -2.97 0.28	43.15 -2.87 0.22	47.56 -3.36 0.00	58.89 -2.14 0.01	64.75 -5.22 1.58	56.32 -4.96 4.85	53.42 -4.80 2.54	56.87 -2.32 0.25	53.62 -2.47 0.00	49.43 -3.16 0.00	48.89 -1.36 0.00
COLONIE_LFGE___ 323577	41.22 1.55 0.00	39.62 1.49 0.00	38.61 1.41 0.00	38.04 1.43 0.00	36.68 1.38 0.00	38.54 1.52 0.00	44.54 1.71 0.00	50.97 1.82 0.00	54.52 1.89 0.00	56.12 1.95 0.00	54.87 1.85 0.00	53.61 1.81 0.00	52.13 1.72 0.00	49.54 1.63 0.00	47.81 1.57 0.00	52.65 1.73 0.00	63.23 2.19 0.00	74.05 2.50 0.00	68.57 2.45 0.00	63.00 2.25 0.00	61.93 2.50 0.00	58.39 2.30 0.00	54.63 2.05 0.00	52.11 1.86 0.00
COOPERNY_115KV_TB1 80082	40.87 1.19 0.00	39.24 1.11 0.00	38.27 1.08 0.00	37.64 1.03 0.00	36.29 0.99 0.00	38.17 1.15 0.00	44.28 1.46 0.00	50.87 1.72 0.00	54.47 1.84 0.00	56.02 1.84 0.00	54.76 1.75 0.00	53.51 1.71 0.00	52.13 1.71 0.00	49.59 1.68 0.00	47.85 1.62 0.00	52.65 1.73 0.00	63.23 2.20 0.00	73.98 2.43 0.00	68.57 2.45 0.00	63.00 2.25 0.00	61.63 2.20 0.00	58.05 1.96 0.00	54.37 1.79 0.00	51.71 1.46 0.00
COPENHAGEN_WT_PWR 323753	39.96 0.28 0.00	38.44 0.30 0.00	37.53 0.33 0.00	36.76 0.15 0.00	35.51 0.21 0.00	37.36 0.33 0.00	43.30 0.47 0.00	50.14 0.98 0.00	53.84 1.21 0.00	55.20 1.03 0.00	54.07 1.06 0.00	52.89 1.09 0.00	51.32 0.91 0.00	48.49 0.58 0.00	46.97 0.74 0.00	51.99 1.07 0.00	62.38 1.34 0.00	73.19 1.65 0.00	67.25 1.12 0.00	61.78 1.03 0.00	60.27 0.83 0.00	56.87 0.78 0.00	53.42 0.84 0.00	51.26 1.00 0.00
CORNELL_____ 23752	40.03 0.36 0.00	38.44 0.31 0.00	37.53 0.33 0.00	36.98 0.37 0.00	35.65 0.35 0.00	37.24 0.22 0.00	43.30 0.47 0.00	49.99 0.84 0.00	53.47 0.84 0.00	55.10 0.92 0.00	53.81 0.80 0.00	52.52 0.73 0.00	51.07 0.66 0.00	48.73 0.57 -0.24	47.06 0.65 -0.19	51.68 0.76 0.00	62.32 1.28 0.00	74.40 1.50 -1.35	71.55 1.26 -4.17	64.01 1.09 -2.17	60.72 1.07 -0.22	56.93 0.84 0.00	53.27 0.68 0.00	51.21 0.95 0.00

CORONA V_69 KV_TB1 355595	42.93 3.25 0.00	40.92 2.78 0.00	39.80 2.60 0.00	38.99 2.38 0.00	37.56 2.26 0.00	39.84 2.81 0.00	46.55 3.73 0.00	53.48 4.33 0.00	57.37 4.74 0.00	59.01 4.82 -0.02	63.30 4.45 -5.83	62.25 4.40 -6.04	62.20 4.29 -7.50	60.39 4.22 -8.26	59.43 4.02 -9.18	62.46 4.38 -7.16	66.54 5.49 -0.02	77.77 6.22 0.00	72.10 5.95 -0.02	66.62 5.47 -0.40	64.75 5.29 -0.02	63.50 4.82 -2.59	58.06 4.47 -1.01	54.23 3.97 0.00
CORTLAND_115KV_TB3 80093	39.80 0.12 0.00	38.21 0.08 0.00	37.31 0.11 0.00	36.76 0.15 0.00	35.44 0.14 0.00	37.02 0.00 0.00	43.00 0.17 0.00	49.60 0.44 0.00	53.05 0.42 0.00	54.66 0.49 0.00	53.44 0.42 0.00	52.21 0.41 0.00	50.77 0.35 0.00	48.20 0.29 0.00	46.60 0.37 0.00	51.33 0.41 0.00	61.71 0.67 0.00	72.26 0.72 0.00	66.72 0.60 0.00	61.24 0.49 0.00	59.97 0.53 0.00	56.43 0.34 0.00	52.79 0.21 0.00	50.70 0.45 0.00
COXSACKIE__GT 23611	42.54 2.86 0.00	40.73 2.59 0.00	39.61 2.42 0.00	38.99 2.38 0.00	37.63 2.33 0.00	39.54 2.52 0.00	45.65 2.83 0.00	52.05 2.90 0.00	55.31 2.68 0.00	56.61 2.44 0.00	55.13 2.12 0.00	53.61 1.81 0.00	52.28 1.87 0.00	49.69 1.77 0.00	47.94 1.71 0.00	53.11 2.19 0.00	64.21 3.17 0.00	75.91 4.36 0.00	70.23 4.10 0.00	64.34 3.58 0.00	63.18 3.75 0.00	59.51 3.42 0.00	55.63 3.05 0.00	53.16 2.91 0.00
CPV_VALLEY__CC1 323721	41.03 1.35 0.00	39.39 1.26 0.00	38.35 1.15 0.00	37.75 1.14 0.00	36.43 1.13 0.00	38.35 1.33 0.00	44.54 1.71 0.00	51.12 1.97 0.00	54.74 2.11 0.00	56.23 2.06 0.00	54.97 1.96 0.00	53.72 1.92 0.00	52.33 1.92 0.00	49.88 1.97 0.00	48.13 1.90 0.00	52.86 1.93 0.00	63.54 2.50 0.00	74.27 2.72 0.00	68.90 2.78 0.00	63.30 2.55 0.00	61.87 2.44 0.00	58.33 2.25 0.00	54.63 2.05 0.00	51.81 1.56 0.00
CPV_VALLEY__CC2 323722	41.03 1.35 0.00	39.39 1.26 0.00	38.35 1.15 0.00	37.75 1.14 0.00	36.43 1.13 0.00	38.35 1.33 0.00	44.54 1.71 0.00	51.12 1.97 0.00	54.74 2.11 0.00	56.23 2.06 0.00	54.97 1.96 0.00	53.72 1.92 0.00	52.33 1.92 0.00	49.88 1.97 0.00	48.13 1.90 0.00	52.86 1.93 0.00	63.54 2.50 0.00	74.27 2.72 0.00	68.90 2.78 0.00	63.30 2.55 0.00	61.87 2.44 0.00	58.33 2.25 0.00	54.63 2.05 0.00	51.81 1.56 0.00
CRESCENT__HYD 24018	41.22 1.55 0.00	39.62 1.49 0.00	38.61 1.41 0.00	38.04 1.43 0.00	36.68 1.38 0.00	38.54 1.52 0.00	44.54 1.71 0.00	50.97 1.82 0.00	54.52 1.89 0.00	56.12 1.95 0.00	54.87 1.85 0.00	53.61 1.81 0.00	52.13 1.72 0.00	49.54 1.63 0.00	47.81 1.57 0.00	52.65 1.73 0.00	63.23 2.19 0.00	74.05 2.50 0.00	68.57 2.45 0.00	63.00 2.25 0.00	61.93 2.50 0.00	58.39 2.30 0.00	54.63 2.05 0.00	52.11 1.86 0.00
CRICKET__VALLEY_CC1 323756	41.19 1.51 0.00	39.58 1.45 0.00	38.53 1.34 0.00	38.04 1.43 0.00	36.71 1.41 0.00	38.65 1.63 0.00	44.67 1.84 0.00	51.27 2.11 0.00	54.94 2.31 0.00	56.45 2.27 0.00	55.19 2.17 0.00	53.92 2.12 0.00	52.53 2.12 0.00	50.02 2.11 0.00	48.22 1.99 0.00	53.06 2.14 0.00	63.72 2.68 0.00	74.48 2.93 0.00	69.03 2.91 0.00	63.49 2.74 0.00	62.29 2.85 0.00	58.67 2.58 0.00	54.95 2.37 0.00	52.11 1.86 0.00
CRICKET__VALLEY_CC2 323757	41.19 1.51 0.00	39.58 1.45 0.00	38.53 1.34 0.00	38.04 1.43 0.00	36.71 1.41 0.00	38.65 1.63 0.00	44.67 1.84 0.00	51.27 2.11 0.00	54.94 2.31 0.00	56.45 2.27 0.00	55.19 2.17 0.00	53.92 2.12 0.00	52.53 2.12 0.00	50.02 2.11 0.00	48.22 1.99 0.00	53.06 2.14 0.00	63.72 2.68 0.00	74.48 2.93 0.00	69.03 2.91 0.00	63.49 2.74 0.00	62.29 2.85 0.00	58.67 2.58 0.00	54.95 2.37 0.00	52.11 1.86 0.00
CRICKET__VALLEY_CC3 323758	41.19 1.51 0.00	39.58 1.45 0.00	38.53 1.34 0.00	38.04 1.43 0.00	36.71 1.41 0.00	38.65 1.63 0.00	44.67 1.84 0.00	51.27 2.11 0.00	54.94 2.31 0.00	56.45 2.27 0.00	55.19 2.17 0.00	53.92 2.12 0.00	52.53 2.12 0.00	50.02 2.11 0.00	48.22 1.99 0.00	53.06 2.14 0.00	63.72 2.68 0.00	74.48 2.93 0.00	69.03 2.91 0.00	63.49 2.74 0.00	62.29 2.85 0.00	58.67 2.58 0.00	54.95 2.37 0.00	52.11 1.86 0.00
CRUCIBLE_METL_DRP 24180	39.16 -0.52 0.00	37.64 -0.50 0.00	36.71 -0.48 0.00	36.21 -0.40 0.00	34.88 -0.42 0.00	36.43 -0.59 0.00	42.23 -0.60 0.00	48.66 -0.49 0.00	52.05 -0.58 0.00	53.69 -0.49 0.00	52.54 -0.48 0.00	51.33 -0.47 0.00	49.96 -0.45 0.00	47.44 -0.48 0.00	45.82 -0.42 0.00	50.41 -0.51 0.00	60.55 -0.49 0.00	71.05 -0.50 0.00	65.60 -0.53 0.00	60.21 -0.55 0.00	58.84 -0.59 0.00	55.42 -0.67 0.00	51.95 -0.63 0.00	49.85 -0.40 0.00
DAHOWA__HYDRO 323763	41.62 1.94 0.00	40.00 1.87 0.00	38.98 1.79 0.00	38.40 1.79 0.00	36.99 1.69 0.00	38.95 1.92 0.00	44.97 2.14 0.00	51.56 2.41 0.00	55.10 2.47 0.00	56.77 2.60 0.00	55.61 2.60 0.00	54.29 2.49 0.00	52.79 2.37 0.00	50.02 2.11 0.00	48.22 1.99 0.00	53.16 2.24 0.00	64.02 2.99 0.00	75.05 3.50 0.00	69.56 3.44 0.00	63.79 3.04 0.00	62.64 3.21 0.00	59.06 2.97 0.00	55.26 2.68 0.00	52.81 2.56 0.00
DANC__LFGE 323619	39.44 -0.24 0.00	37.94 -0.19 0.00	37.08 -0.11 0.00	36.36 -0.25 0.00	35.09 -0.21 0.00	36.84 -0.18 0.00	42.65 -0.17 0.00	49.25 0.10 0.00	52.84 0.21 0.00	54.28 0.11 0.00	53.12 0.11 0.00	52.06 0.26 0.00	50.52 0.10 0.00	47.87 -0.05 0.00	46.28 0.05 0.00	51.13 0.20 0.00	61.28 0.25 0.00	71.98 0.43 0.00	66.13 0.00 0.00	60.75 0.00 0.00	59.26 -0.18 0.00	56.03 -0.06 0.00	52.58 0.00 0.00	50.45 0.20 0.00
DANSKAMMER__1 23586	41.90 2.22 0.00	40.15 2.02 0.00	39.05 1.86 0.00	38.48 1.87 0.00	37.13 1.83 0.00	39.09 2.07 0.00	45.39 2.57 0.00	52.15 3.00 0.00	55.84 3.21 0.00	57.37 3.20 0.00	56.03 3.02 0.00	54.70 2.90 0.00	53.34 2.92 0.00	50.74 2.83 0.00	48.96 2.73 0.00	53.87 2.95 0.00	64.82 3.79 0.00	75.84 4.29 0.00	70.36 4.24 0.00	64.70 3.95 0.00	63.24 3.81 0.00	59.57 3.48 0.00	55.79 3.21 0.00	52.86 2.61 0.00
DANSKAMMER__2 23589	41.90 2.22 0.00	40.15 2.02 0.00	39.05 1.86 0.00	38.48 1.87 0.00	37.13 1.83 0.00	39.09 2.07 0.00	45.39 2.57 0.00	52.15 3.00 0.00	55.84 3.21 0.00	57.37 3.20 0.00	56.03 3.02 0.00	54.70 2.90 0.00	53.34 2.92 0.00	50.74 2.83 0.00	48.96 2.73 0.00	53.87 2.95 0.00	64.82 3.79 0.00	75.84 4.29 0.00	70.36 4.24 0.00	64.70 3.95 0.00	63.24 3.81 0.00	59.57 3.48 0.00	55.79 3.21 0.00	52.86 2.61 0.00
DANSKAMMER__3 23590	41.90 2.22 0.00	40.15 2.02 0.00	39.05 1.86 0.00	38.48 1.87 0.00	37.13 1.83 0.00	39.09 2.07 0.00	45.39 2.57 0.00	52.15 3.00 0.00	55.84 3.21 0.00	57.37 3.20 0.00	56.03 3.02 0.00	54.70 2.90 0.00	53.34 2.92 0.00	50.74 2.83 0.00	48.96 2.73 0.00	53.87 2.95 0.00	64.82 3.79 0.00	75.84 4.29 0.00	70.36 4.24 0.00	64.70 3.95 0.00	63.24 3.81 0.00	59.57 3.48 0.00	55.79 3.21 0.00	52.86 2.61 0.00

DANSKAMMER___4 23591	41.90 2.22 0.00	40.15 2.02 0.00	39.05 1.86 0.00	38.48 1.87 0.00	37.13 1.83 0.00	39.09 2.07 0.00	45.39 2.57 0.00	52.15 3.00 0.00	55.84 3.21 0.00	57.37 3.20 0.00	56.03 3.02 0.00	54.70 2.90 0.00	53.34 2.92 0.00	50.74 2.83 0.00	48.96 2.73 0.00	53.87 2.95 0.00	64.82 3.79 0.00	75.84 4.29 0.00	70.36 4.24 0.00	64.70 3.95 0.00	63.24 3.81 0.00	59.57 3.48 0.00	55.79 3.21 0.00	52.86 2.61 0.00
DANSKAMMER___DIESEL 23592	41.90 2.22 0.00	40.15 2.02 0.00	39.17 1.97 0.00	38.48 1.87 0.00	37.14 1.84 0.00	39.10 2.07 0.00	45.40 2.57 0.00	52.15 3.00 0.00	55.84 3.21 0.00	57.37 3.20 0.00	56.03 3.02 0.00	54.70 2.90 0.00	53.29 2.87 0.00	50.74 2.83 0.00	48.91 2.68 0.00	53.87 2.95 0.00	64.76 3.72 0.00	75.84 4.29 0.00	70.36 4.23 0.00	64.64 3.89 0.00	63.24 3.80 0.00	59.57 3.48 0.00	55.74 3.16 0.00	52.86 2.61 0.00
DARBY___SOLAR 323810	41.50 1.83 0.00	39.89 1.76 0.00	38.87 1.68 0.00	38.29 1.68 0.00	36.89 1.59 0.00	38.84 1.81 0.00	44.84 2.01 0.00	51.37 2.21 0.00	54.94 2.31 0.00	56.61 2.44 0.00	55.40 2.39 0.00	54.13 2.33 0.00	52.58 2.17 0.00	49.88 1.97 0.00	48.08 1.85 0.00	53.01 2.09 0.00	63.84 2.81 0.00	74.84 3.29 0.00	69.30 3.17 0.00	63.55 2.80 0.00	62.46 3.03 0.00	58.89 2.80 0.00	55.11 2.52 0.00	52.66 2.41 0.00
DASHVILLE___HYD 23610	41.50 1.83 0.00	39.77 1.64 0.00	38.79 1.60 0.00	38.11 1.50 0.00	36.78 1.48 0.00	38.73 1.70 0.00	45.01 2.18 0.00	51.66 2.51 0.00	55.26 2.63 0.00	56.78 2.60 0.00	55.40 2.39 0.00	54.03 2.23 0.00	52.68 2.27 0.00	50.17 2.25 0.00	48.31 2.08 0.00	53.21 2.29 0.00	64.09 3.05 0.00	75.05 3.51 0.00	69.63 3.50 0.00	63.97 3.22 0.00	62.59 3.15 0.00	58.95 2.86 0.00	55.16 2.58 0.00	52.36 2.11 0.00
DELAWARE___LFGE 323621	40.63 0.95 0.00	39.01 0.88 0.00	38.09 0.89 0.00	37.45 0.84 0.00	36.11 0.81 0.00	37.91 0.89 0.00	43.98 1.16 0.00	50.68 1.52 0.00	54.26 1.63 0.00	55.85 1.68 0.00	54.60 1.59 0.00	53.35 1.55 0.00	51.93 1.51 0.00	49.30 1.39 0.00	47.62 1.39 0.00	52.45 1.53 0.00	63.05 2.01 0.00	73.76 2.22 0.00	68.18 2.05 0.00	62.64 1.88 0.00	61.34 1.90 0.00	57.77 1.68 0.00	54.06 1.47 0.00	51.66 1.41 0.00
DERFIELD_115KV_TB7 355931	39.76 0.08 0.00	38.21 0.08 0.00	37.31 0.11 0.00	36.68 0.07 0.00	35.37 0.07 0.00	37.13 0.11 0.00	42.95 0.13 0.00	49.30 0.15 0.00	52.79 0.16 0.00	54.34 0.16 0.00	53.17 0.16 0.00	51.95 0.16 0.00	50.57 0.15 0.00	48.06 0.14 0.00	46.37 0.14 0.00	51.07 0.15 0.00	61.22 0.18 0.00	71.69 0.14 0.00	66.32 0.20 0.00	60.93 0.18 0.00	59.61 0.18 0.00	56.26 0.17 0.00	52.74 0.16 0.00	50.35 0.10 0.00
DOGLEVILLE___HYD 23807	41.86 2.18 0.00	40.23 2.10 0.00	39.24 2.05 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.06 2.04 0.00	45.18 2.36 0.00	51.95 2.80 0.00	55.74 3.11 0.00	57.43 3.25 0.00	56.25 3.23 0.00	54.96 3.16 0.00	53.39 2.97 0.00	50.55 2.64 0.00	48.73 2.50 0.00	53.62 2.70 0.00	64.27 3.23 0.00	75.27 3.72 0.00	69.56 3.44 0.00	63.91 3.16 0.00	62.53 3.09 0.00	59.17 3.08 0.00	55.48 2.89 0.00	53.07 2.81 0.00
DUNKIRK___115KV_TB_200 55889	37.61 -2.06 0.00	36.03 -2.10 0.00	34.96 -2.23 0.00	34.89 -1.72 0.00	33.43 -1.87 0.00	34.47 -2.55 0.00	40.34 -2.48 0.00	45.91 -3.24 0.00	48.68 -3.95 0.00	50.06 -4.12 0.00	48.72 -4.29 0.00	47.55 -4.25 0.00	46.28 -4.13 0.00	43.45 -3.88 0.58	42.14 -3.65 0.44	46.69 -4.23 0.00	57.42 -3.60 0.01	63.02 -5.29 3.23	51.14 -5.03 9.96	50.69 -4.86 5.20	55.29 -3.63 0.52	52.33 -3.76 0.00	48.43 -4.15 0.00	47.99 -2.26 0.00
DUNKIRK___1 23563	37.61 -2.06 0.00	36.03 -2.10 0.00	34.96 -2.23 0.00	34.89 -1.72 0.00	33.43 -1.87 0.00	34.47 -2.55 0.00	40.34 -2.48 0.00	45.91 -3.24 0.00	48.68 -3.95 0.00	50.06 -4.12 0.00	48.72 -4.29 0.00	47.55 -4.25 0.00	46.28 -4.13 0.00	43.45 -3.88 0.58	42.14 -3.65 0.44	46.69 -4.23 0.00	57.42 -3.60 0.01	63.02 -5.29 3.23	51.14 -5.03 9.96	50.69 -4.86 5.20	55.29 -3.63 0.52	52.33 -3.76 0.00	48.43 -4.15 0.00	47.99 -2.26 0.00
DUNKIRK___2 23564	37.61 -2.06 0.00	36.03 -2.10 0.00	34.96 -2.23 0.00	34.89 -1.72 0.00	33.43 -1.87 0.00	34.47 -2.55 0.00	40.34 -2.48 0.00	45.91 -3.24 0.00	48.68 -3.95 0.00	50.06 -4.12 0.00	48.72 -4.29 0.00	47.55 -4.25 0.00	46.28 -4.13 0.00	43.45 -3.88 0.58	42.14 -3.65 0.44	46.69 -4.23 0.00	57.42 -3.60 0.01	63.02 -5.29 3.23	51.14 -5.03 9.96	50.69 -4.86 5.20	55.29 -3.63 0.52	52.33 -3.76 0.00	48.43 -4.15 0.00	47.99 -2.26 0.00
DUNKIRK___3 23565	37.73 -1.94 0.00	36.15 -1.98 0.00	35.07 -2.12 0.00	35.00 -1.61 0.00	33.46 -1.84 0.00	34.43 -2.59 0.00	40.21 -2.61 0.00	45.81 -3.34 0.00	48.58 -4.05 0.00	50.11 -4.06 0.00	48.77 -4.24 0.00	47.66 -4.14 0.00	46.38 -4.03 0.00	43.56 -3.74 0.62	42.20 -3.56 0.48	46.80 -4.12 0.00	57.30 -3.72 0.01	62.65 -5.44 3.46	50.23 -5.22 10.67	50.21 -4.98 5.56	55.08 -3.80 0.55	52.22 -3.87 0.00	48.54 -4.05 0.00	48.04 -2.21 0.00
DUNKIRK___4 23566	37.73 -1.94 0.00	36.15 -1.98 0.00	35.07 -2.12 0.00	35.00 -1.61 0.00	33.46 -1.84 0.00	34.43 -2.59 0.00	40.21 -2.61 0.00	45.81 -3.34 0.00	48.58 -4.05 0.00	50.11 -4.06 0.00	48.77 -4.24 0.00	47.66 -4.14 0.00	46.38 -4.03 0.00	43.56 -3.74 0.62	42.20 -3.56 0.48	46.80 -4.12 0.00	57.30 -3.72 0.01	62.65 -5.44 3.46	50.23 -5.22 10.67	50.21 -4.98 5.56	55.08 -3.80 0.55	52.22 -3.87 0.00	48.54 -4.05 0.00	48.04 -2.21 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.98 2.30 0.00	40.27 2.14 0.00	39.28 2.08 0.00	38.59 1.98 0.00	37.21 1.91 0.00	39.24 2.22 0.00	45.61 2.78 0.00	52.45 3.29 0.00	56.26 3.63 0.00	57.86 3.68 0.00	56.56 3.55 0.00	55.27 3.47 0.00	53.84 3.43 0.00	51.32 3.40 0.00	49.42 3.19 0.00	54.38 3.46 0.00	65.31 4.27 0.00	76.27 4.72 0.00	70.82 4.69 0.00	65.13 4.37 0.00	63.60 4.16 0.00	59.90 3.81 0.00	56.00 3.42 0.00	53.02 2.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.62 1.94 0.00	39.89 1.75 0.00	38.91 1.71 0.00	38.22 1.61 0.00	36.89 1.59 0.00	38.84 1.81 0.00	45.14 2.31 0.00	51.81 2.65 0.00	55.47 2.84 0.00	56.99 2.82 0.00	55.66 2.65 0.00	54.39 2.59 0.00	52.99 2.57 0.00	50.45 2.54 0.00	48.64 2.40 0.00	53.52 2.60 0.00	64.39 3.36 0.00	75.34 3.79 0.00	69.90 3.77 0.00	64.21 3.46 0.00	62.82 3.39 0.00	59.17 3.08 0.00	55.37 2.79 0.00	52.51 2.26 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.22 2.54 0.00	40.42 2.29 0.00	39.43 2.23 0.00	38.73 2.12 0.00	37.35 2.05 0.00	39.39 2.37 0.00	45.82 3.00 0.00	52.64 3.49 0.00	56.53 3.89 -0.01	58.08 3.90 -0.01	56.78 3.76 -0.01	55.54 3.73 -0.01	54.10 3.68 -0.01	51.65 3.74 0.00	49.75 3.51 0.00	54.74 3.82 0.00	65.66 4.64 0.02	76.63 5.08 0.00	71.14 5.03 0.02	65.49 4.74 0.00	63.89 4.46 0.00	60.24 4.15 0.00	56.32 3.73 0.00	53.27 3.02 0.00

E179THST_13_KV_LOAD 356214	42.38 2.70 0.00	40.57 2.44 0.00	39.57 2.38 0.00	38.84 2.23 0.00	37.49 2.19 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.89 3.74 0.00	56.80 4.16 -0.01	58.35 4.17 -0.01	57.05 4.03 -0.01	55.80 3.99 -0.01	54.36 3.93 -0.01	51.89 3.98 0.00	49.93 3.70 0.00	54.99 4.07 0.00	66.02 5.00 0.02	76.98 5.44 0.00	71.53 5.42 0.02	65.85 5.10 0.00	64.19 4.75 0.00	60.52 4.43 0.00	56.58 4.00 0.00	53.47 3.22 0.00
EAST HAMPTON___GT 23717	44.84 5.16 -0.01	42.55 4.42 0.00	41.18 3.98 0.00	40.31 3.70 0.00	38.80 3.50 0.00	41.35 4.33 0.00	48.66 5.82 -0.01	55.99 6.83 -0.01	60.22 7.58 -0.01	61.94 7.75 -0.02	65.58 6.73 -5.83	64.21 6.37 -6.04	64.11 6.20 -7.49	62.25 6.09 -8.25	61.28 5.87 -9.17	64.54 6.47 -7.15	69.53 8.48 -0.02	81.43 9.88 -0.01	75.60 9.46 -0.02	69.84 8.69 -0.40	67.77 8.32 -0.02	66.14 7.46 -2.59	60.74 7.15 -1.01	56.54 6.28 -0.01
EAST RIVER___6 23660	41.98 2.30 0.00	40.23 2.10 0.00	39.13 1.93 0.00	38.51 1.90 0.00	37.17 1.87 0.00	39.21 2.18 0.00	45.70 2.87 0.00	52.54 3.39 0.00	56.47 3.84 0.00	58.08 3.90 0.00	56.78 3.76 0.00	55.53 3.73 0.00	54.15 3.73 0.00	51.60 3.69 0.00	49.74 3.51 0.00	54.69 3.77 0.00	65.74 4.70 0.00	76.63 5.08 0.00	71.15 5.02 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.06 2.81 0.00
EAST RIVER___7 23524	41.98 2.30 0.00	40.23 2.10 0.00	39.13 1.93 0.00	38.51 1.90 0.00	37.17 1.87 0.00	39.21 2.18 0.00	45.70 2.87 0.00	52.54 3.39 0.00	56.47 3.84 0.00	58.08 3.90 0.00	56.78 3.76 0.00	55.53 3.73 0.00	54.15 3.73 0.00	51.60 3.69 0.00	49.74 3.51 0.00	54.69 3.77 0.00	65.74 4.70 0.00	76.63 5.08 0.00	71.15 5.02 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.06 2.81 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.86 2.18 0.00	40.15 2.02 0.00	39.17 1.97 0.00	38.48 1.87 0.00	37.14 1.84 0.00	39.13 2.11 0.00	45.48 2.66 0.00	52.25 3.10 0.00	56.05 3.42 0.00	57.64 3.47 0.00	56.35 3.34 0.00	55.06 3.26 0.00	53.64 3.23 0.00	51.12 3.21 0.00	49.24 3.01 0.00	54.23 3.31 0.00	65.06 4.03 0.00	75.98 4.44 0.00	70.56 4.43 0.00	64.88 4.13 0.00	63.36 3.92 0.00	59.68 3.59 0.00	55.84 3.26 0.00	52.86 2.61 0.00
EAST_HAMPTON___DIESEL 23722	44.84 5.16 -0.01	42.55 4.42 0.00	41.18 3.98 0.00	40.31 3.70 0.00	38.80 3.50 0.00	41.35 4.33 0.00	48.66 5.82 -0.01	55.95 6.79 -0.01	60.22 7.58 -0.01	61.94 7.75 -0.02	65.58 6.73 -5.83	64.21 6.37 -6.04	64.11 6.20 -7.49	62.25 6.09 -8.25	61.28 5.87 -9.17	64.54 6.47 -7.15	69.53 8.48 -0.02	81.43 9.88 -0.01	75.60 9.46 -0.02	69.84 8.69 -0.40	67.77 8.32 -0.02	66.14 7.46 -2.59	60.69 7.10 -1.01	56.54 6.28 -0.01
EAST_POINT___SOLAR 323840	41.15 1.47 0.00	39.54 1.41 0.00	38.57 1.38 0.00	37.97 1.36 0.00	36.57 1.27 0.00	38.61 1.59 0.00	44.71 1.88 0.00	51.46 2.31 0.00	54.79 2.16 0.00	56.12 1.95 0.00	54.87 1.85 0.00	53.61 1.81 0.00	51.98 1.56 0.00	48.82 0.91 0.00	47.39 1.16 0.00	52.75 1.83 0.00	63.96 2.93 0.00	75.12 3.58 0.00	69.63 3.50 0.00	63.79 3.04 0.00	62.58 3.15 0.00	59.06 2.97 0.00	55.11 2.52 0.00	52.71 2.46 0.00
EAST_PULASKI___ESR 323781	39.00 -0.67 0.00	37.48 -0.65 0.00	36.64 -0.56 0.00	36.02 -0.59 0.00	34.73 -0.57 0.00	36.36 -0.67 0.00	42.10 -0.73 0.00	48.46 -0.69 0.00	51.94 -0.69 0.00	53.47 -0.71 0.00	52.32 -0.69 0.00	51.23 -0.57 0.00	49.81 -0.60 0.00	47.24 -0.67 0.00	45.63 -0.60 0.00	50.36 -0.56 0.00	60.36 -0.67 0.00	70.83 -0.72 0.00	65.26 -0.86 0.00	59.90 -0.85 0.00	58.48 -0.95 0.00	55.25 -0.84 0.00	51.80 -0.79 0.00	49.70 -0.55 0.00
EAST_RIVER___1 323558	42.10 2.42 0.00	40.38 2.25 0.00	39.28 2.08 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.52 3.89 0.00	58.08 3.90 0.00	56.78 3.76 0.00	55.53 3.73 0.00	54.15 3.73 0.00	51.65 3.74 0.00	49.74 3.51 0.00	54.74 3.82 0.00	65.80 4.76 0.00	76.63 5.08 0.00	71.15 5.02 0.00	65.49 4.74 0.00	63.90 4.46 0.00	60.18 4.09 0.00	56.32 3.73 0.00	53.22 2.96 0.00
EAST_RIVER___2 323559	41.98 2.30 0.00	40.23 2.10 0.00	39.13 1.93 0.00	38.51 1.90 0.00	37.17 1.87 0.00	39.21 2.18 0.00	45.70 2.87 0.00	52.54 3.39 0.00	56.47 3.84 0.00	58.08 3.90 0.00	56.78 3.76 0.00	55.53 3.73 0.00	54.15 3.73 0.00	51.60 3.69 0.00	49.74 3.51 0.00	54.69 3.77 0.00	65.74 4.70 0.00	76.63 5.08 0.00	71.15 5.02 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.06 2.81 0.00
EAST___DELAWARE_HYD 23607	41.70 2.02 0.00	39.96 1.83 0.00	38.87 1.68 0.00	38.22 1.61 0.00	36.92 1.62 0.00	38.87 1.85 0.00	45.27 2.44 0.00	52.00 2.85 0.00	55.63 3.00 0.00	57.10 2.92 0.00	55.71 2.70 0.00	54.34 2.54 0.00	52.93 2.52 0.00	50.40 2.49 0.00	48.59 2.36 0.00	53.52 2.60 0.00	64.57 3.54 0.00	75.77 4.22 0.00	70.16 4.03 0.00	64.52 3.77 0.00	63.06 3.63 0.00	59.40 3.31 0.00	55.63 3.05 0.00	52.76 2.51 0.00
EIGHT_POINT___WT_PWR 323820	38.17 -1.51 0.00	36.64 -1.49 0.00	35.93 -1.26 0.00	35.47 -1.14 0.00	34.06 -1.24 0.00	35.21 -1.81 0.00	41.07 -1.76 0.00	47.14 -2.02 0.00	50.05 -2.58 0.00	51.68 -2.49 0.00	50.42 -2.60 0.00	49.21 -2.59 0.00	47.79 -2.62 0.00	47.60 -2.64 -2.33	45.47 -2.54 -1.78	48.22 -2.70 0.00	58.46 -2.62 -0.04	80.87 -3.65 -12.97	102.66 -3.51 -40.04	78.18 -3.40 -20.83	58.95 -2.55 -2.06	53.45 -2.64 0.00	49.96 -2.63 0.00	49.00 -1.25 0.00
ELBRIDGE_115KV_TB2 80188	38.96 -0.71 0.00	37.41 -0.72 0.00	36.52 -0.67 0.00	36.02 -0.59 0.00	34.70 -0.60 0.00	36.21 -0.81 0.00	42.01 -0.81 0.00	48.32 -0.84 0.00	51.68 -0.95 0.00	53.31 -0.87 0.00	52.16 -0.85 0.00	50.97 -0.83 0.00	49.61 -0.81 0.00	47.10 -0.81 0.00	45.49 -0.74 0.00	50.06 -0.87 0.00	60.12 -0.92 0.00	70.62 -0.93 0.00	65.20 -0.93 0.00	59.84 -0.91 0.00	58.48 -0.95 0.00	55.08 -1.01 0.00	51.59 -1.00 0.00	49.55 -0.70 0.00
ELEC_TRO_TEK 24086	42.73 3.06 0.00	40.76 2.63 0.00	39.65 2.45 0.00	38.81 2.20 0.00	37.42 2.12 0.00	39.69 2.67 0.00	46.42 3.60 0.00	53.33 4.18 0.00	57.21 4.58 0.00	58.79 4.60 -0.02	62.98 4.13 -5.83	61.93 4.09 -6.04	61.94 4.03 -7.49	60.14 3.98 -8.25	59.20 3.79 -9.17	62.20 4.12 -7.15	66.18 5.13 -0.02	77.27 5.72 0.00	71.63 5.49 -0.02	66.25 5.10 -0.40	64.33 4.87 -0.02	63.16 4.49 -2.59	57.80 4.21 -1.01	53.97 3.72 0.00
ELLENBURG_WT_PWR 323604	39.00 -0.67 0.00	37.56 -0.57 0.00	36.53 -0.67 0.00	35.88 -0.73 0.00	34.63 -0.67 0.00	36.32 -0.70 0.00	42.14 -0.69 0.00	48.27 -0.88 0.00	51.84 -0.79 0.00	53.25 -0.92 0.00	52.38 -0.63 0.00	51.18 -0.62 0.00	49.76 -0.66 0.00	47.24 -0.67 0.00	45.63 -0.60 0.00	50.41 -0.51 0.00	60.12 -0.91 0.00	70.48 -1.07 0.00	64.87 -1.26 0.00	59.66 -1.09 0.00	58.37 -1.07 0.00	55.25 -0.84 0.00	52.01 -0.58 0.00	49.50 -0.75 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.57 -2.10 0.00	36.03 -2.10 0.00	34.93 -2.27 0.00	34.89 -1.72 0.00	33.29 -2.01 0.00	33.95 -3.07 0.00	39.14 -3.68 0.00	44.73 -4.42 0.00	47.63 -5.00 0.00	49.62 -4.55 0.00	48.45 -4.56 0.00	47.29 -4.51 0.00	46.08 -4.34 0.00	43.14 -4.02 0.75	41.83 -3.84 0.57	46.44 -4.48 0.00	56.02 -5.00 0.01	61.17 -6.22 4.15	47.29 -6.02 12.82	48.43 -5.65 6.68	53.54 -5.23 0.66	51.10 -4.99 0.00	47.96 -4.63 0.00	47.74 -2.51 0.00
EMPIRE_CC_1 323656	40.91 1.23 0.00	39.27 1.14 0.00	38.31 1.11 0.00	37.71 1.10 0.00	36.36 1.06 0.00	38.21 1.18 0.00	44.11 1.28 0.00	50.23 1.08 0.00	53.79 1.16 0.00	55.31 1.14 0.00	54.07 1.06 0.00	52.78 0.98 0.00	51.42 1.01 0.00	48.92 1.01 0.00	47.20 0.97 0.00	51.94 1.02 0.00	62.26 1.22 0.00	72.84 1.29 0.00	67.45 1.32 0.00	62.03 1.28 0.00	60.98 1.54 0.00	57.54 1.46 0.00	53.90 1.32 0.00	51.31 1.06 0.00
EMPIRE_CC_2 323658	40.91 1.23 0.00	39.27 1.14 0.00	38.31 1.11 0.00	37.71 1.10 0.00	36.36 1.06 0.00	38.21 1.18 0.00	44.11 1.28 0.00	50.23 1.08 0.00	53.79 1.16 0.00	55.31 1.14 0.00	54.07 1.06 0.00	52.78 0.98 0.00	51.42 1.01 0.00	48.92 1.01 0.00	47.20 0.97 0.00	51.94 1.02 0.00	62.26 1.22 0.00	72.84 1.29 0.00	67.45 1.32 0.00	62.03 1.28 0.00	60.98 1.54 0.00	57.54 1.46 0.00	53.90 1.32 0.00	51.31 1.06 0.00
ENORWICH_115KV_TB1 80156	40.99 1.31 0.00	39.39 1.26 0.00	38.50 1.30 0.00	37.78 1.17 0.00	36.54 1.24 0.00	38.43 1.41 0.00	44.88 2.06 0.00	52.25 3.10 0.00	56.05 3.42 0.00	57.70 3.52 0.00	56.46 3.45 0.00	55.06 3.26 0.00	53.39 2.97 0.00	50.48 2.44 -0.12	49.00 2.68 -0.09	54.08 3.16 0.00	65.49 4.46 0.00	77.43 5.22 -0.66	72.58 4.43 -2.02	65.75 3.95 -1.05	63.46 3.92 -0.10	59.12 3.03 0.00	55.11 2.52 0.00	53.12 2.86 0.00
ERIE_ST__34_KV_TB1-2 80199	38.45 -1.23 0.00	36.84 -1.30 0.00	35.71 -1.49 0.00	35.62 -0.99 0.00	34.03 -1.27 0.00	34.88 -2.15 0.00	40.34 -2.48 0.00	46.01 -3.15 0.00	48.89 -3.74 0.00	50.92 -3.25 0.00	49.73 -3.29 0.00	48.54 -3.26 0.00	47.29 -3.13 0.00	44.44 -2.87 0.60	43.05 -2.73 0.46	47.66 -3.26 0.00	57.67 -3.36 0.01	61.72 -6.51 3.32	49.65 -6.28 10.19	49.52 -5.89 5.34	55.28 -3.63 0.53	52.55 -3.53 0.00	49.32 -3.26 0.00	48.94 -1.31 0.00
ERIE_WT_PWR 323693	37.77 -1.90 0.00	36.26 -1.87 0.00	35.56 -1.64 0.00	35.11 -1.50 0.00	33.50 -1.80 0.00	34.25 -2.78 0.00	39.49 -3.34 0.00	45.12 -4.03 0.00	48.00 -4.63 0.00	50.00 -4.17 0.00	48.82 -4.19 0.00	47.71 -4.09 0.00	46.43 -3.98 0.00	43.50 -3.74 0.67	42.06 -3.65 0.52	46.80 -4.12 0.00	56.32 -4.70 0.01	61.42 -6.37 3.76	48.43 -6.15 11.55	48.94 -5.77 6.04	54.08 -4.76 0.60	51.43 -4.65 0.00	48.17 -4.42 0.00	48.09 -2.16 0.00
ESPRGFLD_115KV_TB1 80157	39.92 0.24 0.00	38.32 0.19 0.00	37.42 0.22 0.00	36.76 0.15 0.00	35.44 0.14 0.00	37.36 0.33 0.00	43.38 0.56 0.00	50.14 0.98 0.00	53.58 0.95 0.00	55.04 0.87 0.00	53.81 0.80 0.00	52.58 0.78 0.00	51.07 0.66 0.00	48.20 0.29 0.00	46.65 0.42 0.00	51.68 0.76 0.00	62.50 1.46 0.00	73.19 1.65 0.00	67.65 1.52 0.00	62.03 1.28 0.00	60.74 1.31 0.00	57.27 1.18 0.00	53.48 0.89 0.00	51.16 0.90 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.00 0.32 0.00	38.40 0.27 0.00	37.45 0.26 0.00	36.94 0.33 0.00	35.58 0.28 0.00	37.17 0.15 0.00	43.25 0.43 0.00	49.94 0.79 0.00	53.37 0.74 0.00	55.04 0.87 0.00	53.75 0.74 0.00	52.47 0.67 0.00	51.02 0.60 0.00	48.59 0.48 -0.20	46.94 0.55 -0.15	51.63 0.71 0.00	62.20 1.16 0.00	74.03 1.36 -1.12	70.71 1.12 -3.46	63.53 0.97 -1.80	60.62 1.01 -0.18	56.82 0.73 0.00	53.16 0.58 0.00	51.11 0.85 0.00
ETNA____115KV_TB2 80207	40.00 0.32 0.00	38.40 0.27 0.00	37.45 0.26 0.00	36.94 0.33 0.00	35.58 0.28 0.00	37.17 0.15 0.00	43.25 0.43 0.00	49.94 0.79 0.00	53.37 0.74 0.00	55.04 0.87 0.00	53.75 0.74 0.00	52.47 0.67 0.00	51.02 0.60 0.00	48.59 0.48 -0.20	46.94 0.55 -0.15	51.63 0.71 0.00	62.20 1.16 0.00	74.03 1.36 -1.12	70.71 1.12 -3.46	63.53 0.97 -1.80	60.62 1.01 -0.18	56.82 0.73 0.00	53.16 0.58 0.00	51.11 0.85 0.00
EUCLID__115KV_TB2 356179	38.73 -0.95 0.00	37.22 -0.92 0.00	36.30 -0.89 0.00	35.80 -0.81 0.00	34.49 -0.81 0.00	36.02 -1.00 0.00	41.75 -1.07 0.00	48.02 -1.13 0.00	51.37 -1.26 0.00	52.98 -1.19 0.00	51.85 -1.17 0.00	50.66 -1.14 0.00	49.31 -1.11 0.00	46.86 -1.05 0.00	45.22 -1.02 0.00	49.75 -1.17 0.00	59.69 -1.34 0.00	70.12 -1.43 0.00	64.67 -1.45 0.00	59.42 -1.34 0.00	58.01 -1.43 0.00	54.69 -1.40 0.00	51.22 -1.37 0.00	49.20 -1.06 0.00
E_CANADA_CAP_HY 24051	39.96 0.28 0.00	38.36 0.23 0.00	37.42 0.22 0.00	36.83 0.22 0.00	35.51 0.21 0.00	37.47 0.45 0.00	43.38 0.56 0.00	49.99 0.83 0.00	53.31 0.68 0.00	54.66 0.49 0.00	53.43 0.42 0.00	52.16 0.37 0.00	50.62 0.20 0.00	47.53 -0.38 0.00	46.09 -0.14 0.00	51.23 0.31 0.00	62.07 1.04 0.00	72.84 1.29 0.00	67.45 1.32 0.00	61.78 1.03 0.00	60.56 1.13 0.00	57.32 1.23 0.00	53.48 0.89 0.00	51.10 0.85 0.00
E_CANADA_MHWK_HY 24050	41.86 2.18 0.00	40.23 2.10 0.00	39.24 2.04 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.06 2.03 0.00	45.18 2.35 0.00	51.95 2.80 0.00	55.73 3.10 0.00	57.42 3.25 0.00	56.25 3.23 0.00	54.96 3.16 0.00	53.39 2.97 0.00	50.55 2.63 0.00	48.73 2.49 0.00	53.62 2.70 0.00	64.27 3.23 0.00	75.27 3.72 0.00	69.50 3.37 0.00	63.91 3.16 0.00	62.52 3.09 0.00	59.17 3.08 0.00	55.47 2.89 0.00	53.06 2.81 0.00
E_FISHKILL__LBMP 23776	41.54 1.86 0.00	39.85 1.72 0.00	38.91 1.71 0.00	38.22 1.61 0.00	36.89 1.59 0.00	38.84 1.81 0.00	45.05 2.23 0.00	51.76 2.61 0.00	55.47 2.84 0.00	57.05 2.87 0.00	55.72 2.70 0.00	54.44 2.64 0.00	53.04 2.62 0.00	50.55 2.64 0.00	48.68 2.45 0.00	53.57 2.65 0.00	64.33 3.30 0.00	75.20 3.65 0.00	69.76 3.64 0.00	64.15 3.40 0.00	62.76 3.33 0.00	59.12 3.03 0.00	55.32 2.73 0.00	52.46 2.21 0.00
FALCON__SEABRD_CC1 323796	39.44 -0.24 0.00	37.98 -0.15 0.00	36.94 -0.26 0.00	36.24 -0.37 0.00	35.02 -0.28 0.00	36.69 -0.33 0.00	42.65 -0.17 0.00	48.81 -0.34 0.00	52.42 -0.21 0.00	53.85 -0.32 0.00	53.01 0.00 0.00	51.80 0.00 0.00	50.36 -0.05 0.00	47.82 -0.10 0.00	46.19 -0.05 0.00	51.02 0.10 0.00	60.91 -0.12 0.00	71.40 -0.14 0.00	65.67 -0.46 0.00	60.45 -0.30 0.00	59.14 -0.30 0.00	55.98 -0.11 0.00	52.69 0.11 0.00	50.15 -0.10 0.00
FALCON__SEABRD_CC2 323797	39.44 -0.24 0.00	37.98 -0.15 0.00	36.94 -0.26 0.00	36.24 -0.37 0.00	35.02 -0.28 0.00	36.69 -0.33 0.00	42.65 -0.17 0.00	48.81 -0.34 0.00	52.42 -0.21 0.00	53.85 -0.32 0.00	53.01 0.00 0.00	51.80 0.00 0.00	50.36 -0.05 0.00	47.82 -0.10 0.00	46.19 -0.05 0.00	51.02 0.10 0.00	60.91 -0.12 0.00	71.40 -0.14 0.00	65.67 -0.46 0.00	60.45 -0.30 0.00	59.14 -0.30 0.00	55.98 -0.11 0.00	52.69 0.11 0.00	50.15 -0.10 0.00

FAR ROCKAWAY___4 23548	43.29 3.61 0.00	41.26 3.13 0.00	40.10 2.90 0.00	39.25 2.64 0.00	37.81 2.51 0.00	40.13 3.11 0.00	46.94 4.11 0.00	53.97 4.82 0.00	57.89 5.26 0.00	59.55 5.36 -0.02	63.88 5.04 -5.83	62.82 4.97 -6.04	62.75 4.84 -7.50	60.91 4.74 -8.26	59.89 4.48 -9.18	63.02 4.94 -7.16	67.28 6.23 -0.02	78.56 7.01 0.00	72.83 6.68 -0.02	67.29 6.14 -0.40	65.40 5.94 -0.02	64.12 5.44 -2.59	58.64 5.05 -1.01	54.78 4.52 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.10 2.42 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.66 2.05 0.00	37.31 2.01 0.00	39.36 2.33 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.52 3.89 0.00	58.13 3.95 0.00	56.83 3.82 0.00	55.58 3.78 0.00	54.15 3.73 0.00	51.65 3.74 0.00	49.75 3.51 0.00	54.74 3.82 0.00	65.73 4.70 0.00	76.63 5.08 0.00	71.22 5.09 0.00	65.49 4.74 0.00	63.89 4.46 0.00	60.18 4.09 0.00	56.27 3.68 0.00	53.22 2.96 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.14 2.46 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.66 2.05 0.00	37.31 2.01 0.00	39.36 2.33 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.52 3.89 0.00	58.13 3.95 0.00	56.83 3.82 0.00	55.58 3.78 0.00	54.15 3.73 0.00	51.65 3.74 0.00	49.75 3.51 0.00	54.74 3.82 0.00	65.73 4.70 0.00	76.63 5.08 0.00	71.22 5.09 0.00	65.55 4.80 0.00	63.95 4.52 0.00	60.18 4.09 0.00	56.27 3.68 0.00	53.22 2.96 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.10 2.42 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.66 2.05 0.00	37.31 2.01 0.00	39.32 2.30 0.00	45.78 2.95 0.00	52.59 3.44 0.00	56.47 3.84 0.00	58.08 3.90 0.00	56.78 3.76 0.00	55.53 3.73 0.00	54.10 3.68 0.00	51.60 3.69 0.00	49.70 3.47 0.00	54.69 3.77 0.00	65.67 4.64 0.00	76.63 5.08 0.00	71.15 5.03 0.00	65.49 4.74 0.00	63.89 4.46 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.22 2.96 0.00
FARRAGUT___LBMP 323566	42.06 2.38 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.62 2.01 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.47 3.84 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.69 3.77 0.00	65.61 4.58 0.00	76.56 5.01 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.17 2.91 0.00
FENNER___WINDPWR 24204	40.16 0.48 0.00	38.59 0.46 0.00	37.71 0.52 0.00	37.08 0.47 0.00	35.76 0.46 0.00	37.47 0.45 0.00	43.47 0.64 0.00	50.14 0.98 0.00	53.74 1.11 0.00	55.31 1.14 0.00	54.13 1.12 0.00	52.89 1.09 0.00	51.42 1.01 0.00	48.82 0.91 0.00	47.16 0.92 0.00	51.99 1.07 0.00	62.38 1.34 0.00	73.05 1.50 0.00	67.38 1.25 0.00	61.85 1.09 0.00	60.51 1.07 0.00	56.98 0.89 0.00	53.37 0.79 0.00	51.20 0.95 0.00
FIBERTEK___ENERGY 23856	39.16 -0.52 0.00	37.64 -0.50 0.00	36.71 -0.48 0.00	36.21 -0.40 0.00	34.88 -0.42 0.00	36.43 -0.59 0.00	42.23 -0.60 0.00	48.66 -0.49 0.00	52.05 -0.58 0.00	53.69 -0.49 0.00	52.54 -0.48 0.00	51.33 -0.47 0.00	49.96 -0.45 0.00	47.44 -0.48 0.00	45.82 -0.42 0.00	50.41 -0.51 0.00	60.55 -0.49 0.00	71.05 -0.50 0.00	65.60 -0.53 0.00	60.21 -0.55 0.00	58.84 -0.59 0.00	55.42 -0.67 0.00	51.95 -0.63 0.00	49.85 -0.40 0.00
FITZPATRICK___ 23598	38.17 -1.51 0.00	36.68 -1.45 0.00	35.86 -1.34 0.00	35.29 -1.32 0.00	34.03 -1.27 0.00	35.58 -1.44 0.00	41.15 -1.67 0.00	47.29 -1.87 0.00	50.58 -2.05 0.00	52.12 -2.06 0.00	51.00 -2.01 0.00	49.83 -1.97 0.00	48.50 -1.92 0.00	46.09 -1.82 0.00	44.48 -1.76 0.00	48.99 -1.93 0.00	58.72 -2.32 0.00	68.97 -2.57 0.00	63.68 -2.45 0.00	58.44 -2.31 0.00	57.06 -2.38 0.00	53.84 -2.25 0.00	50.43 -2.16 0.00	48.39 -1.86 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.98 2.30 0.00	40.23 2.10 0.00	39.24 2.05 0.00	38.55 1.94 0.00	37.21 1.91 0.00	39.17 2.15 0.00	45.48 2.66 0.00	52.25 3.10 0.00	55.95 3.32 0.00	57.48 3.30 0.00	56.14 3.13 0.00	54.80 3.00 0.00	53.44 3.02 0.00	50.84 2.92 0.00	49.01 2.77 0.00	53.98 3.06 0.00	64.88 3.85 0.00	75.98 4.44 0.00	70.49 4.36 0.00	64.82 4.07 0.00	63.42 3.98 0.00	59.68 3.59 0.00	55.84 3.26 0.00	53.02 2.76 0.00
FORT ORANGE___ 23900	41.19 1.51 0.00	39.54 1.41 0.00	38.53 1.34 0.00	37.97 1.36 0.00	36.61 1.31 0.00	38.47 1.44 0.00	44.24 1.41 0.00	50.28 1.13 0.00	53.79 1.16 0.00	55.26 1.08 0.00	53.97 0.96 0.00	52.68 0.88 0.00	51.32 0.91 0.00	48.87 0.96 0.00	47.16 0.92 0.00	51.89 0.97 0.00	62.32 1.28 0.00	73.05 1.50 0.00	67.65 1.52 0.00	62.09 1.33 0.00	60.98 1.54 0.00	57.43 1.34 0.00	53.79 1.21 0.00	51.31 1.06 0.00
FORT_DRUM_COGEN 23780	40.03 0.36 0.00	38.51 0.38 0.00	37.60 0.41 0.00	36.83 0.22 0.00	35.62 0.32 0.00	37.47 0.44 0.00	43.43 0.60 0.00	50.33 1.18 0.00	54.05 1.42 0.00	55.42 1.25 0.00	54.23 1.22 0.00	53.09 1.29 0.00	51.52 1.11 0.00	48.68 0.77 0.00	47.16 0.92 0.00	52.19 1.27 0.00	62.56 1.53 0.00	73.48 1.93 0.00	67.45 1.32 0.00	61.97 1.22 0.00	60.45 1.01 0.00	57.10 1.01 0.00	53.64 1.05 0.00	51.41 1.16 0.00
FOX_HILLS___ESR 323835	42.26 2.58 0.00	40.69 2.55 0.00	39.69 2.49 0.00	39.03 2.42 0.00	37.66 2.37 0.00	39.58 2.55 0.00	45.99 3.17 0.00	52.60 3.59 0.14	46.95 4.11 9.79	46.11 4.12 12.18	41.46 3.98 15.53	39.30 3.88 16.39	49.18 3.83 5.06	51.65 3.74 0.00	49.79 3.56 0.00	54.89 3.97 0.00	66.16 5.13 0.00	77.49 5.94 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.67 5.23 0.00	60.91 4.82 0.00	56.95 4.36 0.00	53.92 3.67 0.00
FPL_FAR_ROCK_GT1 24212	43.30 3.61 -0.01	41.26 3.13 0.00	39.99 2.79 0.00	39.25 2.64 0.00	37.81 2.51 0.00	40.13 3.11 0.00	46.95 4.11 -0.01	53.98 4.82 -0.01	57.90 5.26 -0.01	59.55 5.36 -0.02	63.89 5.04 -5.83	62.77 4.92 -6.04	62.75 4.84 -7.50	60.92 4.74 -8.26	59.94 4.53 -9.18	63.01 4.94 -7.16	67.34 6.29 -0.02	78.64 7.08 -0.01	72.82 6.68 -0.02	67.29 6.13 -0.40	65.40 5.94 -0.02	64.12 5.44 -2.59	58.69 5.10 -1.01	54.79 4.52 -0.01
FPL_FAR_ROCK_GT2 23815	43.30 3.61 -0.01	41.26 3.13 0.00	39.99 2.79 0.00	39.25 2.64 0.00	37.81 2.51 0.00	40.13 3.11 0.00	46.95 4.11 -0.01	53.98 4.82 -0.01	57.90 5.26 -0.01	59.55 5.36 -0.02	63.89 5.04 -5.83	62.77 4.92 -6.04	62.75 4.84 -7.50	60.92 4.74 -8.26	59.94 4.53 -9.18	63.01 4.94 -7.16	67.34 6.29 -0.02	78.64 7.08 -0.01	72.82 6.68 -0.02	67.29 6.13 -0.40	65.40 5.94 -0.02	64.12 5.44 -2.59	58.69 5.10 -1.01	54.79 4.52 -0.01
FRANKLIN_FALL_HYD 24054	39.80 0.12 0.00	38.36 0.23 0.00	37.31 0.11 0.00	36.65 0.04 0.00	35.41 0.11 0.00	37.10 0.07 0.00	43.25 0.43 0.00	49.55 0.39 0.00	53.21 0.58 0.00	54.55 0.38 0.00	53.75 0.74 0.00	52.52 0.73 0.00	51.02 0.60 0.00	48.44 0.53 0.00	46.69 0.46 0.00	51.63 0.71 0.00	61.46 0.43 0.00	72.12 0.57 0.00	66.19 0.07 0.00	60.87 0.12 0.00	59.55 0.12 0.00	56.54 0.45 0.00	53.32 0.74 0.00	50.80 0.55 0.00

FREEPORT_EQUS_GT1 23764	43.10 3.41 -0.01	41.03 2.90 0.00	39.76 2.56 0.00	38.99 2.38 0.00	37.59 2.29 0.00	39.91 2.89 0.00	46.77 3.94 -0.01	53.73 4.57 -0.01	57.69 5.05 -0.01	59.28 5.09 -0.02	63.45 4.61 -5.83	62.34 4.50 -6.04	62.39 4.49 -7.49	60.57 4.41 -8.25	59.61 4.21 -9.17	62.66 4.58 -7.15	66.79 5.74 -0.02	78.00 6.44 -0.01	72.30 6.15 -0.02	66.86 5.71 -0.40	64.92 5.46 -0.02	63.73 5.05 -2.59	58.38 4.78 -1.01	54.48 4.22 -0.01
FREEPORT___CT2 23818	43.10 3.41 -0.01	41.03 2.90 0.00	39.76 2.56 0.00	38.99 2.38 0.00	37.59 2.29 0.00	39.91 2.89 0.00	46.77 3.94 -0.01	53.73 4.57 -0.01	57.69 5.05 -0.01	59.28 5.09 -0.02	63.45 4.61 -5.83	62.34 4.50 -6.04	62.39 4.49 -7.49	60.57 4.41 -8.25	59.61 4.21 -9.17	62.66 4.58 -7.15	66.79 5.74 -0.02	78.00 6.44 -0.01	72.30 6.15 -0.02	66.86 5.71 -0.40	64.92 5.46 -0.02	63.73 5.05 -2.59	58.38 4.78 -1.01	54.48 4.22 -0.01
FRESHKLS_33_KV_LOAD 356253	42.34 2.66 0.00	40.76 2.63 0.00	39.80 2.60 0.00	39.14 2.53 0.00	37.77 2.47 0.00	39.69 2.67 0.00	46.08 3.25 0.00	52.60 3.59 0.14	46.95 4.11 9.79	46.16 4.17 12.18	41.46 3.98 15.53	39.35 3.94 16.39	49.23 3.88 5.06	51.70 3.79 0.00	49.88 3.65 0.00	54.99 4.07 0.00	66.41 5.37 0.00	77.77 6.22 0.00	71.88 5.75 0.00	66.16 5.41 0.00	64.96 5.53 0.00	61.14 5.05 0.00	57.16 4.57 0.00	54.12 3.87 0.00
FULTON COGEN____ 23766	38.65 -1.03 0.00	37.14 -0.99 0.00	36.26 -0.93 0.00	35.73 -0.88 0.00	34.45 -0.85 0.00	35.99 -1.04 0.00	41.67 -1.16 0.00	47.97 -1.18 0.00	51.37 -1.26 0.00	52.98 -1.19 0.00	51.85 -1.17 0.00	50.66 -1.14 0.00	49.31 -1.11 0.00	46.81 -1.10 0.00	45.22 -1.02 0.00	49.65 -1.27 0.00	59.63 -1.40 0.00	69.97 -1.57 0.00	64.61 -1.52 0.00	59.29 -1.46 0.00	57.89 -1.55 0.00	54.57 -1.51 0.00	51.11 -1.47 0.00	49.05 -1.21 0.00
FULTON___LFGE 323630	41.07 1.39 0.00	39.43 1.30 0.00	38.46 1.27 0.00	37.86 1.25 0.00	36.50 1.20 0.00	38.47 1.44 0.00	44.54 1.71 0.00	51.22 2.06 0.00	54.58 1.95 0.00	56.02 1.84 0.00	54.71 1.70 0.00	53.41 1.61 0.00	51.78 1.36 0.00	48.78 0.86 0.00	47.30 1.06 0.00	52.65 1.73 0.00	63.72 2.68 0.00	74.77 3.22 0.00	69.30 3.17 0.00	63.49 2.74 0.00	62.29 2.85 0.00	58.73 2.64 0.00	54.84 2.26 0.00	52.46 2.21 0.00
G.F.CEMENT___DRP 24184	41.70 2.02 0.00	40.08 1.94 0.00	39.09 1.90 0.00	38.48 1.87 0.00	37.06 1.76 0.00	39.06 2.04 0.00	45.05 2.23 0.00	51.66 2.51 0.00	55.21 2.58 0.00	56.94 2.76 0.00	55.77 2.76 0.00	54.49 2.69 0.00	52.94 2.52 0.00	50.12 2.20 0.00	48.31 2.08 0.00	53.26 2.34 0.00	64.21 3.17 0.00	75.27 3.72 0.00	69.70 3.57 0.00	63.91 3.16 0.00	62.76 3.33 0.00	59.17 3.08 0.00	55.37 2.79 0.00	52.97 2.71 0.00
GARDENVILLE___LBMP 24039	37.69 -1.98 0.00	36.11 -2.02 0.00	35.00 -2.19 0.00	34.96 -1.65 0.00	33.36 -1.94 0.00	34.10 -2.92 0.00	39.36 -3.47 0.00	44.97 -4.18 0.00	47.84 -4.79 0.00	49.84 -4.33 0.00	48.61 -4.40 0.00	47.45 -4.35 0.00	46.23 -4.18 0.00	43.20 -3.88 0.83	41.90 -3.70 0.63	46.59 -4.33 0.00	56.26 -4.76 0.02	60.78 -6.15 4.62	45.87 -6.02 14.24	47.68 -5.65 7.42	53.77 -4.93 0.74	51.32 -4.77 0.00	48.17 -4.42 0.00	47.89 -2.36 0.00
GARDNVLA_35_KV_LD 355827	37.93 -1.75 0.00	36.34 -1.79 0.00	35.22 -1.97 0.00	35.18 -1.43 0.00	33.57 -1.73 0.00	34.32 -2.70 0.00	39.61 -3.21 0.00	45.27 -3.88 0.00	48.16 -4.47 0.00	50.22 -3.95 0.00	49.04 -3.98 0.00	47.86 -3.94 0.00	46.58 -3.83 0.00	43.72 -3.55 0.65	42.36 -3.37 0.49	47.00 -3.92 0.00	56.69 -4.33 0.01	61.94 -6.01 3.60	49.18 -5.89 11.06	49.44 -5.53 5.78	54.28 -4.58 0.57	51.66 -4.43 0.00	48.54 -4.05 0.00	48.24 -2.01 0.00
GELCKHM___115KV_LOAD 80723	38.88 -0.79 0.00	37.37 -0.76 0.00	36.45 -0.74 0.00	35.95 -0.66 0.00	34.63 -0.67 0.00	36.17 -0.85 0.00	41.93 -0.90 0.00	48.27 -0.88 0.00	51.63 -1.00 0.00	53.25 -0.92 0.00	52.11 -0.90 0.00	50.92 -0.88 0.00	49.56 -0.86 0.00	47.05 -0.86 0.00	45.45 -0.79 0.00	50.00 -0.92 0.00	60.00 -1.04 0.00	70.47 -1.07 0.00	65.07 -1.06 0.00	59.72 -1.03 0.00	58.31 -1.13 0.00	54.97 -1.12 0.00	51.48 -1.10 0.00	49.45 -0.80 0.00
GENERAL___MILLS 23808	37.85 -1.83 0.00	36.26 -1.87 0.00	35.19 -2.01 0.00	35.11 -1.50 0.00	33.50 -1.80 0.00	34.25 -2.78 0.00	39.53 -3.30 0.00	45.17 -3.98 0.00	48.05 -4.58 0.00	50.06 -4.12 0.00	48.88 -4.13 0.00	47.71 -4.09 0.00	46.43 -3.98 0.00	43.55 -3.69 0.67	42.20 -3.51 0.52	46.85 -4.07 0.00	56.51 -4.52 0.01	61.57 -6.22 3.76	48.49 -6.08 11.55	49.00 -5.71 6.04	54.08 -4.75 0.60	51.55 -4.54 0.00	48.38 -4.21 0.00	48.14 -2.11 0.00
GE_PLASTICS___DRP 24183	40.83 1.15 0.00	39.20 1.07 0.00	38.27 1.08 0.00	37.64 1.03 0.00	36.29 0.99 0.00	38.13 1.11 0.00	43.90 1.07 0.00	50.09 0.93 0.00	53.58 0.95 0.00	55.10 0.92 0.00	53.86 0.85 0.00	52.58 0.78 0.00	51.22 0.81 0.00	48.78 0.86 0.00	47.02 0.79 0.00	51.74 0.81 0.00	62.01 0.98 0.00	72.69 1.14 0.00	67.32 1.19 0.00	61.85 1.09 0.00	60.68 1.25 0.00	57.21 1.12 0.00	53.53 0.95 0.00	51.11 0.85 0.00
GILBOA___1 23756	40.67 0.99 0.00	39.05 0.91 0.00	38.09 0.89 0.00	37.49 0.88 0.00	36.15 0.85 0.00	37.98 0.96 0.00	43.98 1.16 0.00	50.43 1.28 0.00	54.00 1.37 0.00	55.58 1.41 0.00	54.28 1.27 0.00	52.99 1.19 0.00	51.62 1.21 0.00	49.11 1.20 0.00	47.39 1.16 0.00	52.14 1.22 0.00	62.56 1.53 0.00	73.19 1.65 0.00	67.78 1.65 0.00	62.27 1.52 0.00	60.98 1.54 0.00	57.49 1.40 0.00	53.84 1.26 0.00	51.31 1.06 0.00
GILBOA___2 23757	40.67 0.99 0.00	39.05 0.91 0.00	38.09 0.89 0.00	37.49 0.88 0.00	36.15 0.85 0.00	37.98 0.96 0.00	43.98 1.16 0.00	50.43 1.28 0.00	54.00 1.37 0.00	55.58 1.41 0.00	54.28 1.27 0.00	52.99 1.19 0.00	51.62 1.21 0.00	49.11 1.20 0.00	47.39 1.16 0.00	52.14 1.22 0.00	62.56 1.53 0.00	73.19 1.65 0.00	67.78 1.65 0.00	62.27 1.52 0.00	60.98 1.54 0.00	57.49 1.40 0.00	53.84 1.26 0.00	51.31 1.06 0.00
GILBOA___3 23758	40.67 0.99 0.00	39.05 0.91 0.00	38.09 0.89 0.00	37.49 0.88 0.00	36.15 0.85 0.00	37.98 0.96 0.00	43.98 1.16 0.00	50.43 1.28 0.00	54.00 1.37 0.00	55.58 1.41 0.00	54.28 1.27 0.00	52.99 1.19 0.00	51.62 1.21 0.00	49.11 1.20 0.00	47.39 1.16 0.00	52.14 1.22 0.00	62.56 1.53 0.00	73.19 1.65 0.00	67.78 1.65 0.00	62.27 1.52 0.00	60.98 1.54 0.00	57.49 1.40 0.00	53.84 1.26 0.00	51.31 1.06 0.00
GILBOA___4 23759	40.67 0.99 0.00	39.05 0.91 0.00	38.09 0.89 0.00	37.49 0.88 0.00	36.15 0.85 0.00	37.98 0.96 0.00	43.98 1.16 0.00	50.43 1.28 0.00	54.00 1.37 0.00	55.58 1.41 0.00	54.28 1.27 0.00	52.99 1.19 0.00	51.62 1.21 0.00	49.11 1.20 0.00	47.39 1.16 0.00	52.14 1.22 0.00	62.56 1.53 0.00	73.19 1.65 0.00	67.78 1.65 0.00	62.27 1.52 0.00	60.98 1.54 0.00	57.49 1.40 0.00	53.84 1.26 0.00	51.31 1.06 0.00

GILBOA____ 23599	40.67 0.99 0.00	39.05 0.92 0.00	38.12 0.93 0.00	37.49 0.88 0.00	36.15 0.85 0.00	37.99 0.96 0.00	43.98 1.16 0.00	50.43 1.28 0.00	54.00 1.37 0.00	55.58 1.41 0.00	54.28 1.27 0.00	52.99 1.19 0.00	51.62 1.21 0.00	49.11 1.20 0.00	47.34 1.11 0.00	52.14 1.22 0.00	62.56 1.53 0.00	73.19 1.65 0.00	67.78 1.65 0.00	62.27 1.52 0.00	60.98 1.55 0.00	57.49 1.40 0.00	53.85 1.26 0.00	51.31 1.06 0.00
GINNA____ 23603	36.58 -3.09 0.00	35.27 -2.86 0.00	34.48 -2.71 0.00	33.97 -2.64 0.00	32.62 -2.68 0.00	33.73 -3.30 0.00	39.06 -3.77 0.00	44.97 -4.18 0.00	48.21 -4.42 0.00	49.89 -4.28 0.00	48.93 -4.08 0.00	47.76 -4.04 0.00	46.53 -3.88 0.00	44.13 -3.79 0.00	42.63 -3.61 0.00	46.90 -4.02 0.00	56.27 -4.76 0.00	66.90 -4.65 0.00	61.36 -4.76 0.00	56.44 -4.31 0.00	54.50 -4.93 0.00	51.32 -4.77 0.00	47.96 -4.63 0.00	46.89 -3.37 0.00
GLEN PARK____ 23778	40.07 0.40 0.00	38.55 0.42 0.00	37.68 0.48 0.00	36.87 0.26 0.00	35.62 0.32 0.00	37.50 0.48 0.00	43.51 0.68 0.00	50.43 1.28 0.00	54.16 1.53 0.00	55.53 1.35 0.00	54.39 1.38 0.00	53.20 1.40 0.00	51.58 1.16 0.00	48.73 0.81 0.00	47.20 0.97 0.00	52.30 1.38 0.00	62.81 1.77 0.00	73.77 2.22 0.00	67.71 1.58 0.00	62.21 1.46 0.00	60.62 1.19 0.00	57.21 1.12 0.00	53.69 1.11 0.00	51.51 1.26 0.00
GLENDALE_27_KV_LOAD 356172	42.49 2.82 0.00	40.76 2.63 0.00	39.72 2.53 0.00	39.03 2.42 0.00	37.63 2.33 0.00	39.69 2.67 0.00	46.21 3.38 0.00	53.13 3.98 0.00	58.26 4.37 -1.26	60.19 4.44 -1.57	59.32 4.29 -2.01	58.17 4.25 -2.12	55.25 4.18 -0.65	52.08 4.17 0.00	50.16 3.93 0.00	55.20 4.28 0.00	66.35 5.31 0.00	77.34 5.80 0.00	71.88 5.75 0.00	66.10 5.35 0.00	64.49 5.05 0.00	60.74 4.66 0.00	56.79 4.21 0.00	53.72 3.47 0.00
GLENWOOD_IC_1_G5 23712	42.61 2.94 0.00	40.69 2.55 0.00	39.61 2.42 0.00	38.84 2.23 0.00	37.45 2.15 0.00	39.61 2.59 0.00	46.25 3.43 0.00	53.18 4.03 0.00	57.05 4.42 0.00	58.69 4.50 -0.02	63.08 4.24 -5.83	62.04 4.20 -6.04	62.04 4.13 -7.49	60.24 4.07 -8.25	59.24 3.84 -9.17	62.25 4.18 -7.15	66.24 5.19 -0.02	77.34 5.80 0.00	71.76 5.62 -0.02	66.31 5.16 -0.40	64.45 4.99 -0.02	63.22 4.54 -2.59	57.75 4.15 -1.01	53.82 3.57 0.00
GLENWOOD_IC_2_G1 23688	42.34 2.66 -0.01	40.50 2.37 0.00	39.35 2.16 0.00	38.70 2.09 0.00	37.31 2.01 0.00	39.43 2.41 0.00	45.96 3.12 -0.01	52.85 3.69 -0.01	56.69 4.05 -0.01	58.26 4.07 -0.02	62.71 3.87 -5.83	61.67 3.83 -6.04	61.69 3.78 -7.49	59.91 3.74 -8.25	58.97 3.56 -9.17	61.89 3.82 -7.15	65.87 4.82 -0.02	76.85 5.29 -0.01	71.30 5.16 -0.02	65.95 4.80 -0.40	64.03 4.58 -0.02	62.89 4.21 -2.59	57.43 3.84 -1.01	53.48 3.22 -0.01
GLENWOOD_IC_3_G1 23689	42.34 2.66 -0.01	40.50 2.37 0.00	39.35 2.16 0.00	38.70 2.09 0.00	37.31 2.01 0.00	39.43 2.41 0.00	45.96 3.12 -0.01	52.85 3.69 -0.01	56.69 4.05 -0.01	58.26 4.07 -0.02	62.71 3.87 -5.83	61.67 3.83 -6.04	61.69 3.78 -7.49	59.91 3.74 -8.25	58.97 3.56 -9.17	61.89 3.82 -7.15	65.87 4.82 -0.02	76.85 5.29 -0.01	71.30 5.16 -0.02	65.95 4.80 -0.40	64.03 4.58 -0.02	62.89 4.21 -2.59	57.43 3.84 -1.01	53.48 3.22 -0.01
GLENWOOD____4 23550	42.61 2.94 0.00	40.69 2.55 0.00	39.61 2.42 0.00	38.84 2.23 0.00	37.45 2.15 0.00	39.61 2.59 0.00	46.25 3.43 0.00	53.18 4.03 0.00	57.05 4.42 0.00	58.69 4.50 -0.02	63.08 4.24 -5.83	62.04 4.20 -6.04	62.04 4.13 -7.49	60.24 4.07 -8.25	59.24 3.84 -9.17	62.25 4.18 -7.15	66.24 5.19 -0.02	77.34 5.80 0.00	71.76 5.62 -0.02	66.31 5.16 -0.40	64.45 4.99 -0.02	63.22 4.54 -2.59	57.75 4.15 -1.01	53.82 3.57 0.00
GLENWOOD____5 23614	42.61 2.94 0.00	40.69 2.55 0.00	39.61 2.42 0.00	38.84 2.23 0.00	37.45 2.15 0.00	39.61 2.59 0.00	46.25 3.43 0.00	53.18 4.03 0.00	57.05 4.42 0.00	58.69 4.50 -0.02	63.08 4.24 -5.83	62.04 4.20 -6.04	62.04 4.13 -7.49	60.24 4.07 -8.25	59.24 3.84 -9.17	62.25 4.18 -7.15	66.24 5.19 -0.02	77.34 5.80 0.00	71.76 5.62 -0.02	66.31 5.16 -0.40	64.45 4.99 -0.02	63.22 4.54 -2.59	57.75 4.15 -1.01	53.82 3.57 0.00
GLOBAL GREEN_PORT_GT1 23814	44.81 5.12 -0.01	42.52 4.38 0.00	41.14 3.94 0.00	40.27 3.66 0.00	38.76 3.46 0.00	41.32 4.29 0.00	48.61 5.78 -0.01	55.95 6.79 -0.01	60.22 7.58 -0.01	61.94 7.75 -0.02	65.52 6.68 -5.83	64.21 6.37 -6.04	64.11 6.20 -7.49	62.25 6.09 -8.25	61.28 5.87 -9.17	64.54 6.47 -7.15	69.53 8.48 -0.02	81.36 9.80 -0.01	75.53 9.39 -0.02	69.77 8.62 -0.40	67.71 8.26 -0.02	66.08 7.40 -2.59	60.69 7.10 -1.01	56.49 6.23 -0.01
GLOBE____DSASP 323697	37.06 -2.62 0.00	35.54 -2.59 0.00	34.44 -2.75 0.00	34.41 -2.20 0.00	32.76 -2.54 0.00	32.95 -4.07 0.00	37.77 -5.05 0.00	43.21 -5.95 0.00	46.05 -6.58 0.00	48.11 -6.07 0.00	47.02 -5.99 0.00	45.84 -5.96 0.00	44.67 -5.75 0.00	42.59 -4.79 0.53	40.83 -4.99 0.41	45.12 -5.81 0.00	54.13 -6.90 0.01	61.78 -6.80 2.97	50.27 -6.68 9.17	49.78 -6.20 4.77	52.01 -6.95 0.47	49.41 -6.67 0.00	46.48 -6.10 0.00	46.63 -3.62 0.00
GOETHSLN____LBMP 323567	41.82 2.14 0.00	40.11 1.98 0.00	39.17 1.97 0.00	38.44 1.83 0.00	37.06 1.76 0.00	39.10 2.07 0.00	45.48 2.66 0.00	52.11 3.10 0.14	46.32 3.47 9.78	45.52 3.52 12.17	40.88 3.39 15.52	38.79 3.37 16.38	48.67 3.33 5.07	51.36 3.45 0.00	49.47 3.24 0.00	54.49 3.56 0.00	65.37 4.33 0.00	76.20 4.65 0.00	70.82 4.69 0.00	65.19 4.43 0.00	63.54 4.10 0.00	59.85 3.76 0.00	55.95 3.37 0.00	52.91 2.66 0.00
GOLAH____69_KV_TB 1_2 80279	38.25 -1.43 0.00	36.84 -1.30 0.00	35.74 -1.45 0.00	35.51 -1.10 0.00	34.03 -1.27 0.00	35.02 -2.00 0.00	40.47 -2.36 0.00	46.45 -2.70 0.00	49.63 -3.00 0.00	51.41 -2.76 0.00	50.20 -2.81 0.00	48.95 -2.85 0.00	47.74 -2.67 0.00	45.38 -2.54 0.00	43.87 -2.36 0.00	48.12 -2.80 0.00	57.92 -3.11 0.00	68.83 -2.72 0.00	63.24 -2.91 -0.02	58.08 -2.67 0.00	55.93 -3.51 0.00	52.72 -3.37 0.00	49.48 -3.10 0.00	48.59 -1.66 0.00
GOODYEAR_LAKE_HYD 323669	40.55 0.87 0.00	38.93 0.80 0.00	38.01 0.82 0.00	37.34 0.73 0.00	36.04 0.74 0.00	37.87 0.85 0.00	43.98 1.16 0.00	50.78 1.62 0.00	54.37 1.74 0.00	55.96 1.79 0.00	54.71 1.70 0.00	53.46 1.66 0.00	52.03 1.61 0.00	49.26 1.34 0.00	47.62 1.39 0.00	52.55 1.63 0.00	63.29 2.26 0.00	74.05 2.50 0.00	68.44 2.31 0.00	62.82 2.07 0.00	61.46 2.02 0.00	57.88 1.79 0.00	54.11 1.52 0.00	51.76 1.51 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.56 -0.12 0.00	37.98 -0.15 0.00	37.05 -0.15 0.00	36.57 -0.04 0.00	35.19 -0.11 0.00	36.69 -0.33 0.00	42.61 -0.21 0.00	49.35 0.20 0.00	52.74 0.11 0.00	54.39 0.22 0.00	53.12 0.11 0.00	51.90 0.10 0.00	50.52 0.10 0.00	48.01 0.10 0.00	46.37 0.14 0.00	51.07 0.15 0.00	61.03 0.00 0.00	71.12 -0.43 0.00	65.66 -0.46 0.00	60.27 -0.49 0.00	59.32 -0.12 0.00	55.81 -0.28 0.00	52.27 -0.32 0.00	50.35 0.10 0.00

GOUDEY___7 23579	39.56 -0.12 0.00	37.98 -0.15 0.00	37.05 -0.15 0.00	36.57 -0.04 0.00	35.19 -0.11 0.00	36.69 -0.33 0.00	42.61 -0.21 0.00	49.35 0.20 0.00	52.74 0.11 0.00	54.39 0.22 0.00	53.12 0.11 0.00	51.90 0.10 0.00	50.52 0.10 0.00	48.01 0.10 0.00	46.37 0.14 0.00	51.07 0.15 0.00	61.03 0.00 0.00	71.12 -0.43 0.00	65.66 -0.46 0.00	60.27 -0.49 0.00	59.32 -0.12 0.00	55.81 -0.28 0.00	52.27 -0.32 0.00	50.35 0.10 0.00
GOUDEY___8 23580	39.56 -0.12 0.00	37.98 -0.15 0.00	37.05 -0.15 0.00	36.57 -0.04 0.00	35.19 -0.11 0.00	36.69 -0.33 0.00	42.61 -0.21 0.00	49.35 0.20 0.00	52.74 0.11 0.00	54.39 0.22 0.00	53.12 0.11 0.00	51.90 0.10 0.00	50.52 0.10 0.00	48.01 0.10 0.00	46.37 0.14 0.00	51.07 0.15 0.00	61.03 0.00 0.00	71.12 -0.43 0.00	65.66 -0.46 0.00	60.27 -0.49 0.00	59.32 -0.12 0.00	55.81 -0.28 0.00	52.27 -0.32 0.00	50.35 0.10 0.00
GOWANUS_GT1_1 24077	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT1_2 24078	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT1_3 24079	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT1_4 24080	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT1_5 24084	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT1_6 24111	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT1_7 24112	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT1_8 24113	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT2_1 24114	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT2_2 24115	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT2_3 24116	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT2_4 24117	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT2_5 24118	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01

GOWANUS_GT2_6 24119	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT2_7 24120	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT2_8 24121	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT3_1 24122	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT3_2 24123	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT3_3 24124	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT3_4 24125	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT3_5 24126	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT3_6 24127	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT3_7 24128	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT3_8 24129	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
GOWANUS_GT4_1 24130	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT4_2 24131	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT4_3 24132	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT4_4 24133	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00

GOWANUS_GT4_5 24134	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT4_6 24135	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT4_7 24136	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GOWANUS_GT4_8 24137	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GREATVRV_69_KV_BK1 356245	43.84 4.17 0.00	41.68 3.55 0.00	40.43 3.24 0.00	39.54 2.93 0.00	38.09 2.79 0.00	40.50 3.48 0.00	47.62 4.80 0.00	54.76 5.60 0.00	58.84 6.21 0.00	60.47 6.28 -0.02	64.46 5.62 -5.83	63.33 5.49 -6.04	63.30 5.39 -7.49	61.48 5.32 -8.25	60.49 5.09 -9.17	63.62 5.55 -7.15	68.07 7.02 -0.02	79.63 8.08 0.00	73.88 7.74 -0.02	68.26 7.11 -0.40	66.29 6.84 -0.02	64.96 6.28 -2.59	59.53 5.94 -1.01	55.48 5.23 0.00
GREENBSH_115KV_TB3 55895	40.95 1.27 0.00	39.35 1.22 0.00	38.38 1.19 0.00	37.78 1.17 0.00	36.43 1.13 0.00	38.28 1.26 0.00	43.98 1.16 0.00	49.99 0.84 0.00	53.47 0.84 0.00	54.99 0.81 0.00	53.75 0.74 0.00	52.47 0.67 0.00	51.12 0.71 0.00	48.68 0.77 0.00	46.97 0.74 0.00	51.63 0.71 0.00	61.89 0.85 0.00	72.48 0.93 0.00	67.12 0.99 0.00	61.66 0.91 0.00	60.56 1.13 0.00	57.04 0.95 0.00	53.43 0.84 0.00	50.96 0.70 0.00
GREENDGE_115KV_TB5 80291	39.08 -0.60 0.00	37.52 -0.61 0.00	36.52 -0.67 0.00	36.21 -0.40 0.00	34.81 -0.49 0.00	36.10 -0.93 0.00	42.05 -0.77 0.00	48.42 -0.74 0.00	51.63 -1.00 0.00	53.31 -0.87 0.00	52.06 -0.95 0.00	50.76 -1.04 0.00	49.41 -1.01 0.00	47.91 -1.01 -1.01	46.08 -0.92 -0.77	49.95 -0.97 0.00	59.77 -1.28 -0.02	75.22 -1.93 -5.60	81.51 -1.92 -17.30	67.87 -1.88 -9.00	59.02 -1.31 -0.89	54.91 -1.18 0.00	51.64 -0.95 0.00	50.10 -0.15 0.00
GREENIDGE___3 23582	39.08 -0.60 0.00	37.52 -0.61 0.00	36.52 -0.67 0.00	36.21 -0.40 0.00	34.81 -0.49 0.00	36.10 -0.93 0.00	42.05 -0.77 0.00	48.42 -0.74 0.00	51.63 -1.00 0.00	53.31 -0.87 0.00	52.06 -0.95 0.00	50.76 -1.04 0.00	49.41 -1.01 0.00	47.91 -1.01 -1.01	46.08 -0.92 -0.77	49.95 -0.97 0.00	59.77 -1.28 -0.02	75.22 -1.93 -5.60	81.51 -1.92 -17.30	67.87 -1.88 -9.00	59.02 -1.31 -0.89	54.91 -1.18 0.00	51.64 -0.95 0.00	50.10 -0.15 0.00
GREENIDGE___4 23583	39.04 -0.64 0.00	37.52 -0.61 0.00	36.71 -0.48 0.00	36.21 -0.40 0.00	34.81 -0.49 0.00	36.10 -0.92 0.00	42.06 -0.77 0.00	48.42 -0.74 0.00	51.63 -1.00 0.00	53.31 -0.87 0.00	52.06 -0.95 0.00	50.76 -1.04 0.00	49.41 -1.01 0.00	47.87 -1.05 -1.01	46.03 -0.97 -0.77	49.95 -0.97 0.00	59.41 -1.65 -0.02	75.22 -1.93 -5.60	81.44 -1.98 -17.30	67.87 -1.88 -9.00	59.02 -1.31 -0.89	54.85 -1.23 0.00	51.58 -1.00 0.00	50.10 -0.15 0.00
GREENLWN_69_KV_BK 3 55738	43.05 3.37 0.00	40.95 2.82 0.00	39.80 2.60 0.00	38.92 2.31 0.00	37.52 2.22 0.00	39.84 2.81 0.00	46.77 3.94 0.00	53.72 4.57 0.00	57.68 5.05 0.00	59.23 5.04 -0.02	63.30 4.45 -5.83	62.24 4.40 -6.04	62.24 4.34 -7.49	60.48 4.31 -8.25	59.52 4.11 -9.17	62.50 4.43 -7.15	66.42 5.37 -0.02	77.49 5.94 0.00	71.83 5.69 -0.02	66.44 5.29 -0.40	64.62 5.17 -0.02	63.50 4.82 -2.59	58.27 4.68 -1.01	54.32 4.07 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
GRISSOM___SOLAR 323813	41.19 1.51 0.00	39.58 1.45 0.00	38.57 1.38 0.00	37.97 1.36 0.00	36.61 1.31 0.00	38.58 1.55 0.00	44.62 1.80 0.00	51.31 2.16 0.00	54.74 2.11 0.00	56.12 1.95 0.00	54.82 1.80 0.00	53.46 1.66 0.00	51.82 1.41 0.00	48.87 0.96 0.00	47.43 1.20 0.00	52.81 1.89 0.00	63.84 2.81 0.00	74.91 3.36 0.00	69.37 3.24 0.00	63.61 2.86 0.00	62.35 2.91 0.00	58.84 2.75 0.00	54.95 2.37 0.00	52.51 2.26 0.00
GROVEVILLE___HYD 323602	41.98 2.30 0.00	40.23 2.10 0.00	39.24 2.05 0.00	38.55 1.94 0.00	37.21 1.91 0.00	39.17 2.15 0.00	45.48 2.66 0.00	52.25 3.10 0.00	55.95 3.32 0.00	57.48 3.30 0.00	56.14 3.13 0.00	54.80 3.00 0.00	53.44 3.02 0.00	50.84 2.92 0.00	49.01 2.77 0.00	53.98 3.06 0.00	64.88 3.85 0.00	75.98 4.44 0.00	70.49 4.36 0.00	64.82 4.07 0.00	63.42 3.98 0.00	59.68 3.59 0.00	55.84 3.26 0.00	53.02 2.76 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.16 -0.52 0.00	37.64 -0.50 0.00	36.71 -0.48 0.00	36.21 -0.40 0.00	34.88 -0.42 0.00	36.43 -0.59 0.00	42.23 -0.60 0.00	48.66 -0.49 0.00	52.05 -0.58 0.00	53.69 -0.49 0.00	52.54 -0.48 0.00	51.33 -0.47 0.00	49.96 -0.45 0.00	47.44 -0.48 0.00	45.82 -0.42 0.00	50.41 -0.51 0.00	60.55 -0.49 0.00	71.05 -0.50 0.00	65.60 -0.53 0.00	60.21 -0.55 0.00	58.84 -0.59 0.00	55.42 -0.67 0.00	51.95 -0.63 0.00	49.85 -0.40 0.00
HAMLTNNY_34_KV_TB 80303	39.20 -0.48 0.00	37.67 -0.46 0.00	36.75 -0.45 0.00	36.24 -0.37 0.00	34.91 -0.39 0.00	36.43 -0.59 0.00	42.27 -0.56 0.00	48.71 -0.44 0.00	52.10 -0.53 0.00	53.74 -0.43 0.00	52.59 -0.42 0.00	51.39 -0.41 0.00	50.01 -0.40 0.00	47.48 -0.43 0.00	45.86 -0.37 0.00	50.51 -0.41 0.00	60.67 -0.37 0.00	71.26 -0.29 0.00	65.80 -0.33 0.00	60.39 -0.36 0.00	58.96 -0.48 0.00	55.53 -0.56 0.00	52.01 -0.58 0.00	50.00 -0.25 0.00

HAMPSHIRE___PAPER_HYD 323593	39.84 0.16 0.00	38.32 0.19 0.00	37.38 0.19 0.00	36.68 0.07 0.00	35.44 0.14 0.00	37.25 0.22 0.00	43.17 0.34 0.00	49.69 0.54 0.00	53.31 0.68 0.00	54.66 0.49 0.00	53.65 0.64 0.00	52.52 0.72 0.00	51.02 0.61 0.00	48.30 0.38 0.00	46.69 0.46 0.00	51.53 0.61 0.00	61.03 0.00 0.00	71.55 0.00 0.00	65.80 -0.33 0.00	60.51 -0.24 0.00	59.08 -0.35 0.00	56.20 0.11 0.00	53.27 0.68 0.00	50.95 0.70 0.00
HARDSCRABBLE_WT_PWR 323673	41.10 1.43 0.00	39.50 1.37 0.00	38.53 1.34 0.00	37.89 1.28 0.00	36.53 1.23 0.00	38.35 1.33 0.00	44.41 1.59 0.00	51.07 1.92 0.00	54.79 2.16 0.00	56.45 2.27 0.00	55.29 2.28 0.00	54.03 2.23 0.00	52.48 2.07 0.00	49.74 1.82 0.00	47.94 1.71 0.00	52.70 1.78 0.00	63.17 2.14 0.00	73.98 2.43 0.00	68.38 2.25 0.00	62.82 2.07 0.00	61.46 2.02 0.00	58.10 2.02 0.00	54.47 1.89 0.00	52.11 1.86 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.70 2.02 0.00	39.96 1.83 0.00	38.98 1.79 0.00	38.29 1.68 0.00	36.96 1.66 0.00	38.91 1.89 0.00	45.22 2.40 0.00	51.95 2.80 0.00	55.58 2.95 0.00	57.10 2.93 0.00	55.82 2.81 0.00	54.54 2.75 0.00	53.14 2.72 0.00	50.60 2.68 0.00	48.78 2.54 0.00	53.67 2.75 0.00	64.58 3.54 0.00	75.55 4.01 0.00	70.09 3.97 0.00	64.46 3.71 0.00	63.00 3.57 0.00	59.29 3.20 0.00	55.53 2.94 0.00	52.61 2.36 0.00
HARSNRAD_115KV_TB1 81005	37.22 -2.46 0.00	35.69 -2.44 0.00	34.55 -2.64 0.00	34.52 -2.09 0.00	32.90 -2.40 0.00	33.51 -3.52 0.00	38.50 -4.33 0.00	44.09 -5.06 0.00	47.00 -5.63 0.00	49.03 -5.15 0.00	47.87 -5.14 0.00	46.72 -5.08 0.00	45.47 -4.94 0.00	42.93 -4.46 0.53	41.53 -4.30 0.41	45.93 -4.99 0.00	55.23 -5.80 0.01	62.65 -5.94 2.96	51.20 -5.89 9.04	50.52 -5.47 4.76	52.90 -6.06 0.47	50.37 -5.72 0.00	47.38 -5.21 0.00	47.24 -3.02 0.00
HARZA MOOSE___RIVER 24016	40.07 0.40 0.00	38.55 0.42 0.00	37.60 0.41 0.00	36.94 0.33 0.00	35.65 0.35 0.00	37.47 0.44 0.00	43.43 0.60 0.00	50.09 0.93 0.00	53.79 1.16 0.00	55.26 1.08 0.00	54.02 1.01 0.00	52.89 1.09 0.00	51.42 1.01 0.00	48.73 0.81 0.00	47.11 0.88 0.00	51.99 1.07 0.00	62.26 1.22 0.00	72.98 1.43 0.00	67.25 1.12 0.00	61.72 0.97 0.00	60.33 0.89 0.00	56.93 0.84 0.00	53.48 0.89 0.00	51.21 0.95 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.88 -0.79 0.00	37.37 -0.76 0.00	36.49 -0.71 0.00	35.95 -0.66 0.00	34.66 -0.64 0.00	36.21 -0.81 0.00	41.93 -0.90 0.00	48.27 -0.88 0.00	51.63 -1.00 0.00	53.31 -0.87 0.00	52.11 -0.90 0.00	50.92 -0.88 0.00	49.56 -0.86 0.00	47.10 -0.81 0.00	45.45 -0.79 0.00	50.06 -0.87 0.00	60.00 -1.04 0.00	70.40 -1.14 0.00	65.00 -1.12 0.00	59.66 -1.09 0.00	58.31 -1.13 0.00	54.91 -1.18 0.00	51.48 -1.10 0.00	49.45 -0.80 0.00
HELLGATE_13_KV_LD 55870	42.53 2.86 0.00	40.76 2.63 0.00	39.76 2.57 0.00	39.03 2.42 0.00	37.63 2.33 0.00	39.69 2.67 0.00	46.21 3.38 0.00	53.09 3.93 0.00	58.26 4.37 -1.26	60.14 4.39 -1.57	59.26 4.24 -2.01	58.12 4.20 -2.12	55.25 4.18 -0.65	52.08 4.17 0.00	50.16 3.93 0.00	55.20 4.28 0.00	66.28 5.25 0.00	77.27 5.72 0.00	71.81 5.69 0.00	66.10 5.35 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.53 2.86 0.00	40.76 2.63 0.00	39.76 2.57 0.00	39.03 2.42 0.00	37.63 2.33 0.00	39.69 2.67 0.00	46.21 3.38 0.00	53.09 3.93 0.00	58.26 4.37 -1.26	60.14 4.39 -1.57	59.26 4.24 -2.01	58.12 4.20 -2.12	55.25 4.18 -0.65	52.08 4.17 0.00	50.16 3.93 0.00	55.20 4.28 0.00	66.28 5.25 0.00	77.27 5.72 0.00	71.81 5.69 0.00	66.10 5.35 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00
HEMPSTEAD____ 23647	42.70 3.01 -0.01	40.69 2.56 0.00	39.46 2.27 0.00	38.77 2.16 0.00	37.35 2.05 0.00	39.61 2.59 0.00	46.35 3.51 -0.01	53.29 4.13 -0.01	57.16 4.53 -0.01	58.74 4.55 -0.02	63.09 4.24 -5.83	61.99 4.15 -6.04	61.99 4.08 -7.49	60.19 4.03 -8.25	59.24 3.84 -9.17	62.25 4.18 -7.15	66.24 5.19 -0.02	77.35 5.79 -0.01	71.70 5.56 -0.02	66.25 5.10 -0.40	64.38 4.93 -0.02	63.22 4.54 -2.59	57.85 4.26 -1.01	53.93 3.67 -0.01
HICKLING___1 23621	39.04 -0.63 0.00	37.45 -0.69 0.00	36.49 -0.71 0.00	36.13 -0.48 0.00	34.70 -0.60 0.00	35.99 -1.04 0.00	41.93 -0.90 0.00	48.02 -1.13 0.00	51.05 -1.58 0.00	52.77 -1.41 0.00	51.53 -1.48 0.00	50.35 -1.45 0.00	49.00 -1.41 0.00	46.89 -1.39 -0.36	45.22 -1.29 -0.28	49.44 -1.48 0.00	60.00 -1.04 -0.01	71.58 -2.00 -2.03	70.48 -1.92 -6.27	62.13 -1.88 -3.26	58.57 -1.19 -0.32	54.80 -1.29 0.00	51.32 -1.26 0.00	49.90 -0.35 0.00
HICKLING___2 23622	39.04 -0.63 0.00	37.45 -0.69 0.00	36.49 -0.71 0.00	36.13 -0.48 0.00	34.70 -0.60 0.00	35.99 -1.04 0.00	41.93 -0.90 0.00	48.02 -1.13 0.00	51.05 -1.58 0.00	52.77 -1.41 0.00	51.53 -1.48 0.00	50.35 -1.45 0.00	49.00 -1.41 0.00	46.89 -1.39 -0.36	45.22 -1.29 -0.28	49.44 -1.48 0.00	60.00 -1.04 -0.01	71.58 -2.00 -2.03	70.48 -1.92 -6.27	62.13 -1.88 -3.26	58.57 -1.19 -0.32	54.80 -1.29 0.00	51.32 -1.26 0.00	49.90 -0.35 0.00
HIGH FALLS___HY 23754	42.06 2.38 0.00	40.27 2.14 0.00	39.24 2.05 0.00	38.55 1.94 0.00	37.24 1.94 0.00	39.21 2.18 0.00	45.69 2.87 0.00	52.59 3.44 0.00	56.21 3.58 0.00	57.70 3.52 0.00	56.25 3.23 0.00	54.91 3.11 0.00	53.49 3.08 0.00	50.93 3.02 0.00	49.10 2.87 0.00	54.13 3.21 0.00	65.19 4.15 0.00	76.48 4.94 0.00	70.95 4.83 0.00	65.25 4.50 0.00	63.71 4.28 0.00	60.01 3.93 0.00	56.16 3.58 0.00	53.22 2.96 0.00
HIGH_RIVER___SOLAR 323847	40.95 1.27 0.00	39.32 1.18 0.00	38.35 1.15 0.00	37.75 1.14 0.00	36.40 1.10 0.00	38.35 1.33 0.00	44.36 1.54 0.00	50.97 1.82 0.00	54.31 1.68 0.00	55.58 1.41 0.00	54.34 1.33 0.00	53.10 1.30 0.00	51.58 1.16 0.00	48.78 0.86 0.00	47.25 1.02 0.00	52.45 1.53 0.00	63.48 2.44 0.00	74.41 2.86 0.00	68.90 2.78 0.00	63.18 2.43 0.00	61.99 2.55 0.00	58.44 2.36 0.00	54.63 2.05 0.00	52.16 1.91 0.00
HILLBURN___GT 23639	41.70 2.02 0.00	39.96 1.83 0.00	38.91 1.71 0.00	38.29 1.68 0.00	36.96 1.66 0.00	38.95 1.92 0.00	45.27 2.44 0.00	52.00 2.85 0.00	55.68 3.05 0.00	57.21 3.03 0.00	55.93 2.91 0.00	54.65 2.85 0.00	53.24 2.82 0.00	50.74 2.83 0.00	48.96 2.73 0.00	53.77 2.85 0.00	64.70 3.66 0.00	75.55 4.00 0.00	70.16 4.03 0.00	64.46 3.71 0.00	63.00 3.57 0.00	59.34 3.25 0.00	55.58 3.00 0.00	52.61 2.36 0.00
HILLSIDE_115KV_TB1 80332	38.73 -0.95 0.00	37.14 -0.99 0.00	36.19 -1.00 0.00	35.84 -0.77 0.00	34.42 -0.88 0.00	35.73 -1.30 0.00	41.58 -1.24 0.00	47.53 -1.62 0.00	50.52 -2.11 0.00	52.22 -1.95 0.00	50.94 -2.07 0.00	49.78 -2.02 0.00	48.45 -1.97 0.00	46.37 -1.82 -0.28	44.73 -1.71 -0.21	48.94 -1.99 0.00	59.39 -1.65 -0.01	70.30 -2.79 -1.54	68.24 -2.65 -4.76	60.68 -2.55 -2.48	57.96 -1.72 -0.25	54.29 -1.79 0.00	50.80 -1.79 0.00	49.35 -0.90 0.00

HISHELDN_WT_PWR 323625	37.26 -2.42 0.00	35.77 -2.36 0.00	35.08 -2.12 0.00	34.67 -1.94 0.00	33.15 -2.15 0.00	33.99 -3.04 0.00	39.31 -3.51 0.00	44.93 -4.23 0.00	47.74 -4.89 0.00	49.57 -4.61 0.00	48.40 -4.61 0.00	47.24 -4.56 0.00	45.93 -4.49 0.00	41.77 -4.26 1.88	40.59 -4.21 1.44	46.29 -4.63 0.00	55.75 -5.25 0.04	54.64 -6.44 10.47	27.60 -6.22 32.30	38.16 -5.77 16.82	52.54 -5.23 1.67	50.98 -5.10 0.00	47.75 -4.84 0.00	47.44 -2.81 0.00
HOLTSVILLE_IC_1 23690	43.41 3.73 -0.01	41.26 3.13 0.00	39.95 2.75 0.00	39.13 2.52 0.00	37.73 2.43 0.00	40.13 3.11 0.00	47.16 4.32 -0.01	54.22 5.06 -0.01	58.21 5.58 -0.01	59.82 5.63 -0.02	63.67 4.82 -5.83	62.55 4.71 -6.04	62.54 4.64 -7.49	60.77 4.60 -8.25	59.84 4.44 -9.17	62.86 4.79 -7.15	67.15 6.10 -0.02	78.42 6.87 -0.01	72.69 6.55 -0.02	67.22 6.07 -0.40	65.28 5.83 -0.02	64.01 5.33 -2.59	58.75 5.16 -1.01	54.73 4.47 -0.01
HOLTSVILLE_IC_10 23699	43.61 3.93 -0.01	41.45 3.32 0.00	40.13 2.94 0.00	39.32 2.71 0.00	37.88 2.58 0.00	40.32 3.29 0.00	47.37 4.54 -0.01	54.52 5.36 -0.01	58.58 5.95 -0.01	60.20 6.01 -0.02	64.04 5.20 -5.83	62.86 5.02 -6.04	62.85 4.94 -7.49	61.06 4.89 -8.25	60.12 4.72 -9.17	63.16 5.09 -7.15	67.58 6.53 -0.02	79.00 7.44 -0.01	73.22 7.08 -0.02	67.71 6.56 -0.40	65.75 6.30 -0.02	64.40 5.72 -2.59	59.11 5.52 -1.01	55.04 4.78 -0.01
HOLTSVILLE_IC_2 23691	43.41 3.73 -0.01	41.26 3.13 0.00	39.95 2.75 0.00	39.13 2.52 0.00	37.73 2.43 0.00	40.13 3.11 0.00	47.16 4.32 -0.01	54.22 5.06 -0.01	58.21 5.58 -0.01	59.82 5.63 -0.02	63.67 4.82 -5.83	62.55 4.71 -6.04	62.54 4.64 -7.49	60.77 4.60 -8.25	59.84 4.44 -9.17	62.86 4.79 -7.15	67.15 6.10 -0.02	78.42 6.87 -0.01	72.69 6.55 -0.02	67.22 6.07 -0.40	65.28 5.83 -0.02	64.01 5.33 -2.59	58.75 5.16 -1.01	54.73 4.47 -0.01
HOLTSVILLE_IC_3 23692	43.41 3.73 -0.01	41.26 3.13 0.00	39.95 2.75 0.00	39.13 2.52 0.00	37.73 2.43 0.00	40.13 3.11 0.00	47.16 4.32 -0.01	54.22 5.06 -0.01	58.21 5.58 -0.01	59.82 5.63 -0.02	63.67 4.82 -5.83	62.55 4.71 -6.04	62.54 4.64 -7.49	60.77 4.60 -8.25	59.84 4.44 -9.17	62.86 4.79 -7.15	67.15 6.10 -0.02	78.42 6.87 -0.01	72.69 6.55 -0.02	67.22 6.07 -0.40	65.28 5.83 -0.02	64.01 5.33 -2.59	58.75 5.16 -1.01	54.73 4.47 -0.01
HOLTSVILLE_IC_4 23693	43.41 3.73 -0.01	41.26 3.13 0.00	39.95 2.75 0.00	39.13 2.52 0.00	37.73 2.43 0.00	40.13 3.11 0.00	47.16 4.32 -0.01	54.22 5.06 -0.01	58.21 5.58 -0.01	59.82 5.63 -0.02	63.67 4.82 -5.83	62.55 4.71 -6.04	62.54 4.64 -7.49	60.77 4.60 -8.25	59.84 4.44 -9.17	62.86 4.79 -7.15	67.15 6.10 -0.02	78.42 6.87 -0.01	72.69 6.55 -0.02	67.22 6.07 -0.40	65.28 5.83 -0.02	64.01 5.33 -2.59	58.75 5.16 -1.01	54.73 4.47 -0.01
HOLTSVILLE_IC_5 23694	43.41 3.73 -0.01	41.26 3.13 0.00	39.95 2.75 0.00	39.13 2.52 0.00	37.73 2.43 0.00	40.13 3.11 0.00	47.16 4.32 -0.01	54.22 5.06 -0.01	58.21 5.58 -0.01	59.82 5.63 -0.02	63.67 4.82 -5.83	62.55 4.71 -6.04	62.54 4.64 -7.49	60.77 4.60 -8.25	59.84 4.44 -9.17	62.86 4.79 -7.15	67.15 6.10 -0.02	78.42 6.87 -0.01	72.69 6.55 -0.02	67.22 6.07 -0.40	65.28 5.83 -0.02	64.01 5.33 -2.59	58.75 5.16 -1.01	54.73 4.47 -0.01
HOLTSVILLE_IC_6 23695	43.61 3.93 -0.01	41.45 3.32 0.00	40.13 2.94 0.00	39.32 2.71 0.00	37.88 2.58 0.00	40.32 3.29 0.00	47.37 4.54 -0.01	54.52 5.36 -0.01	58.58 5.95 -0.01	60.20 6.01 -0.02	64.04 5.20 -5.83	62.86 5.02 -6.04	62.85 4.94 -7.49	61.06 4.89 -8.25	60.12 4.72 -9.17	63.16 5.09 -7.15	67.58 6.53 -0.02	79.00 7.44 -0.01	73.22 7.08 -0.02	67.71 6.56 -0.40	65.75 6.30 -0.02	64.40 5.72 -2.59	59.11 5.52 -1.01	55.04 4.78 -0.01
HOLTSVILLE_IC_7 23696	43.61 3.93 -0.01	41.45 3.32 0.00	40.13 2.94 0.00	39.32 2.71 0.00	37.88 2.58 0.00	40.32 3.29 0.00	47.37 4.54 -0.01	54.52 5.36 -0.01	58.58 5.95 -0.01	60.20 6.01 -0.02	64.04 5.20 -5.83	62.86 5.02 -6.04	62.85 4.94 -7.49	61.06 4.89 -8.25	60.12 4.72 -9.17	63.16 5.09 -7.15	67.58 6.53 -0.02	79.00 7.44 -0.01	73.22 7.08 -0.02	67.71 6.56 -0.40	65.75 6.30 -0.02	64.40 5.72 -2.59	59.11 5.52 -1.01	55.04 4.78 -0.01
HOLTSVILLE_IC_8 23697	43.61 3.93 -0.01	41.45 3.32 0.00	40.13 2.94 0.00	39.32 2.71 0.00	37.88 2.58 0.00	40.32 3.29 0.00	47.37 4.54 -0.01	54.52 5.36 -0.01	58.58 5.95 -0.01	60.20 6.01 -0.02	64.04 5.20 -5.83	62.86 5.02 -6.04	62.85 4.94 -7.49	61.06 4.89 -8.25	60.12 4.72 -9.17	63.16 5.09 -7.15	67.58 6.53 -0.02	79.00 7.44 -0.01	73.22 7.08 -0.02	67.71 6.56 -0.40	65.75 6.30 -0.02	64.40 5.72 -2.59	59.11 5.52 -1.01	55.04 4.78 -0.01
HOLTSVILLE_IC_9 23698	43.61 3.93 -0.01	41.45 3.32 0.00	40.13 2.94 0.00	39.32 2.71 0.00	37.88 2.58 0.00	40.32 3.29 0.00	47.37 4.54 -0.01	54.52 5.36 -0.01	58.58 5.95 -0.01	60.20 6.01 -0.02	64.04 5.20 -5.83	62.86 5.02 -6.04	62.85 4.94 -7.49	61.06 4.89 -8.25	60.12 4.72 -9.17	63.16 5.09 -7.15	67.58 6.53 -0.02	79.00 7.44 -0.01	73.22 7.08 -0.02	67.71 6.56 -0.40	65.75 6.30 -0.02	64.40 5.72 -2.59	59.11 5.52 -1.01	55.04 4.78 -0.01
HOMER_HL_115KV_TB2 355744	38.77 -0.91 0.00	37.10 -1.03 0.00	36.08 -1.12 0.00	35.91 -0.70 0.00	34.42 -0.88 0.00	35.47 -1.55 0.00	41.37 -1.46 0.00	46.99 -2.16 0.00	49.74 -2.89 0.00	51.47 -2.71 0.00	50.15 -2.86 0.00	49.00 -2.80 0.00	47.69 -2.72 0.00	45.29 -2.49 0.13	43.77 -2.36 0.10	48.17 -2.75 0.00	58.84 -2.20 0.00	64.24 -6.58 0.73	57.62 -6.28 2.22	53.63 -5.95 1.17	56.94 -2.38 0.12	53.62 -2.47 0.00	50.11 -2.47 0.00	49.40 -0.85 0.00
HOWARD_WT_PWR 323690	38.09 -1.59 0.00	36.57 -1.57 0.00	35.86 -1.34 0.00	35.40 -1.21 0.00	33.99 -1.31 0.00	35.17 -1.85 0.00	40.99 -1.84 0.00	47.09 -2.06 0.00	50.05 -2.58 0.00	51.63 -2.55 0.00	50.36 -2.65 0.00	49.16 -2.64 0.00	47.74 -2.67 0.00	47.37 -2.68 -2.13	45.27 -2.59 -1.63	48.12 -2.80 0.00	58.33 -2.75 -0.04	79.65 -3.79 -11.89	99.15 -3.70 -36.72	76.33 -3.53 -19.11	58.60 -2.73 -1.89	53.34 -2.75 0.00	49.85 -2.74 0.00	48.90 -1.35 0.00
HQ_GEN_CEDARS 23644	40.11 0.44 0.00	38.63 0.50 0.00	37.60 0.41 0.00	36.98 0.37 0.00	35.72 0.42 0.00	37.47 0.44 0.00	43.43 0.60 0.00	49.79 0.64 0.00	53.37 0.74 0.00	54.77 0.60 0.00	53.81 0.80 0.00	52.58 0.78 0.00	51.17 0.76 0.00	48.59 0.67 0.00	46.83 0.60 0.00	51.68 0.76 0.00	61.58 0.55 0.00	72.12 0.57 0.00	66.39 0.26 0.00	61.12 0.36 0.00	59.73 0.30 0.00	56.76 0.67 0.00	53.48 0.89 0.00	51.06 0.80 0.00
HQ_GEN_CEDARS_PROXY 323590	40.11 0.44 0.00	38.63 0.49 0.00	37.60 0.41 0.00	36.98 0.37 0.00	35.72 0.43 0.00	37.47 0.45 0.00	43.42 0.60 0.00	49.79 0.64 0.00	53.37 0.74 0.00	54.77 0.60 0.00	53.81 0.80 0.00	52.58 0.78 0.00	51.17 0.76 0.00	48.59 0.67 0.00	46.83 0.60 0.00	51.69 0.76 0.00	61.52 0.49 0.00	72.12 0.57 0.00	66.39 0.27 0.00	61.12 0.37 0.00	59.73 0.30 0.00	56.76 0.68 0.00	53.48 0.89 0.00	51.05 0.80 0.00

HQ_GEN_IMPORT 323601	39.68 0.00 0.00	38.17 0.04 0.00	37.19 0.00 0.00	36.61 0.00 0.00	35.30 0.00 0.00	37.06 0.04 0.00	42.83 0.00 0.00	49.15 0.00 0.00	52.68 0.05 0.00	54.17 0.00 0.00	53.07 0.05 0.00	51.85 0.05 0.00	50.47 0.05 0.00	47.96 0.05 0.00	46.28 0.05 0.00	51.02 0.10 0.00	61.03 0.00 0.00	71.48 -0.07 0.00	65.99 -0.13 0.00	60.69 -0.06 0.00	59.38 -0.06 0.00	56.09 0.00 0.00	52.69 0.11 0.00	50.30 0.05 0.00
HQ_GEN_WHEEL 23651	39.68 0.00 0.00	38.17 0.04 0.00	37.19 0.00 0.00	36.61 0.00 0.00	35.30 0.00 0.00	37.06 0.04 0.00	42.83 0.00 0.00	49.15 0.00 0.00	52.68 0.05 0.00	54.17 0.00 0.00	53.07 0.05 0.00	51.85 0.05 0.00	50.47 0.05 0.00	47.96 0.05 0.00	46.28 0.05 0.00	51.02 0.10 0.00	61.03 0.00 0.00	71.48 -0.07 0.00	65.99 -0.13 0.00	60.69 -0.06 0.00	59.38 -0.06 0.00	56.09 0.00 0.00	52.69 0.11 0.00	50.30 0.05 0.00
HUDSON AVE_GT_3 23810	42.14 2.46 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.66 2.05 0.00	37.31 2.01 0.00	39.36 2.33 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.52 3.89 0.00	58.13 3.95 0.00	56.83 3.82 0.00	55.58 3.78 0.00	54.15 3.73 0.00	51.65 3.74 0.00	49.75 3.51 0.00	54.74 3.82 0.00	65.73 4.70 0.00	76.63 5.08 0.00	71.22 5.09 0.00	65.55 4.80 0.00	63.95 4.52 0.00	60.18 4.09 0.00	56.27 3.68 0.00	53.22 2.96 0.00
HUDSON AVE_GT_4 23540	42.14 2.46 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.66 2.05 0.00	37.31 2.01 0.00	39.36 2.33 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.52 3.89 0.00	58.13 3.95 0.00	56.83 3.82 0.00	55.58 3.78 0.00	54.15 3.73 0.00	51.65 3.74 0.00	49.75 3.51 0.00	54.74 3.82 0.00	65.73 4.70 0.00	76.63 5.08 0.00	71.22 5.09 0.00	65.55 4.80 0.00	63.95 4.52 0.00	60.18 4.09 0.00	56.27 3.68 0.00	53.22 2.96 0.00
HUDSON AVE_GT_5 23657	42.14 2.46 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.66 2.05 0.00	37.31 2.01 0.00	39.36 2.33 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.52 3.89 0.00	58.13 3.95 0.00	56.83 3.82 0.00	55.58 3.78 0.00	54.15 3.73 0.00	51.65 3.74 0.00	49.75 3.51 0.00	54.74 3.82 0.00	65.73 4.70 0.00	76.63 5.08 0.00	71.22 5.09 0.00	65.55 4.80 0.00	63.95 4.52 0.00	60.18 4.09 0.00	56.27 3.68 0.00	53.22 2.96 0.00
HUDSON_AVE_10 24168	42.06 2.38 0.00	40.31 2.17 0.00	39.31 2.12 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.47 3.84 0.00	58.08 3.90 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.41 4.87 0.00	71.02 4.89 0.00	65.43 4.68 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.21 3.63 0.00	53.12 2.86 0.00
HUDSON___115KV_TB 4 355613	41.74 2.06 0.00	40.08 1.94 0.00	39.05 1.86 0.00	38.44 1.83 0.00	37.06 1.76 0.00	38.95 1.93 0.00	44.84 2.01 0.00	51.07 1.92 0.00	54.52 1.89 0.00	55.96 1.79 0.00	54.60 1.59 0.00	53.25 1.45 0.00	51.88 1.46 0.00	49.35 1.44 0.00	47.62 1.39 0.00	52.55 1.63 0.00	63.23 2.20 0.00	74.34 2.79 0.00	68.84 2.71 0.00	63.18 2.43 0.00	62.05 2.62 0.00	58.39 2.30 0.00	54.69 2.10 0.00	52.21 1.96 0.00
HUNTER MOUNT___DRP 323613	41.86 2.18 0.00	40.15 2.02 0.00	39.13 1.93 0.00	38.48 1.87 0.00	37.14 1.84 0.00	38.99 1.96 0.00	44.97 2.14 0.00	51.17 2.02 0.00	54.58 1.95 0.00	55.96 1.79 0.00	54.60 1.59 0.00	53.15 1.35 0.00	51.83 1.41 0.00	49.26 1.34 0.00	47.53 1.29 0.00	52.50 1.58 0.00	63.23 2.20 0.00	74.55 3.00 0.00	69.04 2.91 0.00	63.30 2.55 0.00	62.17 2.73 0.00	58.56 2.47 0.00	54.79 2.21 0.00	52.36 2.11 0.00
HUNTINGTON_RES_REC 323705	43.30 3.61 -0.01	41.14 3.01 0.00	39.84 2.64 0.00	39.06 2.45 0.00	37.63 2.33 0.00	40.02 3.00 0.00	47.03 4.20 -0.01	54.08 4.91 -0.01	58.06 5.42 -0.01	59.66 5.47 -0.02	63.56 4.72 -5.83	62.50 4.66 -6.04	62.49 4.59 -7.49	60.72 4.55 -8.25	59.80 4.39 -9.17	62.81 4.74 -7.15	66.97 5.92 -0.02	78.21 6.65 -0.01	72.49 6.35 -0.02	67.04 5.89 -0.40	65.16 5.71 -0.02	63.95 5.27 -2.59	58.69 5.10 -1.01	54.68 4.42 -0.01
HUNTLEY___63 23557	37.61 -2.06 0.00	36.03 -2.10 0.00	34.93 -2.27 0.00	34.89 -1.72 0.00	33.25 -2.05 0.00	33.76 -3.26 0.00	38.84 -3.98 0.00	44.43 -4.72 0.00	47.31 -5.32 0.00	49.41 -4.77 0.00	48.24 -4.77 0.00	47.09 -4.71 0.00	45.88 -4.54 0.00	43.37 -3.98 0.57	41.82 -3.98 0.43	46.24 -4.68 0.00	55.65 -5.37 0.01	62.61 -5.80 3.14	50.78 -5.69 9.66	50.35 -5.35 5.06	53.35 -5.59 0.50	50.76 -5.33 0.00	47.75 -4.84 0.00	47.64 -2.61 0.00
HUNTLEY___64 23558	37.61 -2.06 0.00	36.03 -2.10 0.00	34.93 -2.27 0.00	34.89 -1.72 0.00	33.25 -2.05 0.00	33.76 -3.26 0.00	38.84 -3.98 0.00	44.43 -4.72 0.00	47.31 -5.32 0.00	49.41 -4.77 0.00	48.24 -4.77 0.00	47.09 -4.71 0.00	45.88 -4.54 0.00	43.37 -3.98 0.57	41.82 -3.98 0.43	46.24 -4.68 0.00	55.65 -5.37 0.01	62.61 -5.80 3.14	50.78 -5.69 9.66	50.35 -5.35 5.06	53.35 -5.59 0.50	50.76 -5.33 0.00	47.75 -4.84 0.00	47.64 -2.61 0.00
HUNTLEY___65 23559	37.61 -2.06 0.00	36.03 -2.10 0.00	34.93 -2.27 0.00	34.89 -1.72 0.00	33.25 -2.05 0.00	33.76 -3.26 0.00	38.84 -3.98 0.00	44.43 -4.72 0.00	47.31 -5.32 0.00	49.41 -4.77 0.00	48.24 -4.77 0.00	47.09 -4.71 0.00	45.88 -4.54 0.00	43.37 -3.98 0.57	41.82 -3.98 0.43	46.24 -4.68 0.00	55.65 -5.37 0.01	62.61 -5.80 3.14	50.78 -5.69 9.66	50.35 -5.35 5.06	53.35 -5.59 0.50	50.76 -5.33 0.00	47.75 -4.84 0.00	47.64 -2.61 0.00
HUNTLEY___66 23560	37.61 -2.06 0.00	36.03 -2.10 0.00	34.93 -2.27 0.00	34.89 -1.72 0.00	33.25 -2.05 0.00	33.76 -3.26 0.00	38.84 -3.98 0.00	44.43 -4.72 0.00	47.31 -5.32 0.00	49.41 -4.77 0.00	48.24 -4.77 0.00	47.09 -4.71 0.00	45.88 -4.54 0.00	43.37 -3.98 0.57	41.82 -3.98 0.43	46.24 -4.68 0.00	55.65 -5.37 0.01	62.61 -5.80 3.14	50.78 -5.69 9.66	50.35 -5.35 5.06	53.35 -5.59 0.50	50.76 -5.33 0.00	47.75 -4.84 0.00	47.64 -2.61 0.00
HUNTLEY___67 23561	37.42 -2.26 0.00	35.88 -2.25 0.00	34.78 -2.42 0.00	34.71 -1.90 0.00	33.11 -2.19 0.00	33.73 -3.30 0.00	38.84 -3.98 0.00	44.39 -4.77 0.00	47.26 -5.37 0.00	49.30 -4.88 0.00	48.14 -4.88 0.00	46.98 -4.82 0.00	45.73 -4.69 0.00	42.92 -4.31 0.68	41.64 -4.07 0.52	46.19 -4.74 0.00	55.59 -5.43 0.01	61.32 -6.44 3.79	48.15 -6.28 11.69	48.83 -5.83 6.08	53.19 -5.65 0.60	50.70 -5.38 0.00	47.64 -4.94 0.00	47.49 -2.76 0.00
HUNTLEY___68 23562	37.42 -2.26 0.00	35.88 -2.25 0.00	34.78 -2.42 0.00	34.71 -1.90 0.00	33.11 -2.19 0.00	33.73 -3.30 0.00	38.84 -3.98 0.00	44.39 -4.77 0.00	47.26 -5.37 0.00	49.30 -4.88 0.00	48.14 -4.88 0.00	46.98 -4.82 0.00	45.73 -4.69 0.00	42.92 -4.31 0.68	41.64 -4.07 0.52	46.19 -4.74 0.00	55.59 -5.43 0.01	61.32 -6.44 3.79	48.15 -6.28 11.69	48.83 -5.83 6.08	53.19 -5.65 0.60	50.70 -5.38 0.00	47.64 -4.94 0.00	47.49 -2.76 0.00

HYLAND___LFGE 323620	40.03 0.36 0.00	38.59 0.46 0.00	37.75 0.56 0.00	37.23 0.62 0.00	35.76 0.46 0.00	36.84 -0.18 0.00	43.04 0.22 0.00	49.69 0.54 0.00	52.95 0.32 0.00	54.45 0.27 0.00	53.01 0.00 0.00	51.54 -0.26 0.00	50.11 -0.30 0.00	49.91 -0.38 -2.38	47.82 -0.23 -1.82	51.02 0.10 0.00	62.30 1.22 -0.05	87.17 2.36 -13.27	108.68 1.58 -40.97	83.59 1.52 -21.32	62.67 1.13 -2.11	56.82 0.73 0.00	52.96 0.37 0.00	52.06 1.81 0.00
INDECK___CORINTH 23802	41.15 1.47 0.00	39.50 1.37 0.00	38.53 1.34 0.00	37.97 1.36 0.00	36.57 1.27 0.00	38.54 1.52 0.00	44.45 1.63 0.00	50.97 1.82 0.00	54.42 1.79 0.00	56.18 2.01 0.00	54.97 1.96 0.00	53.72 1.92 0.00	52.23 1.81 0.00	49.45 1.53 0.00	47.67 1.43 0.00	52.50 1.58 0.00	63.23 2.19 0.00	74.12 2.57 0.00	68.64 2.51 0.00	62.94 2.18 0.00	61.82 2.38 0.00	58.33 2.25 0.00	54.58 2.00 0.00	52.21 1.96 0.00
INDECK___ILION 23567	40.59 0.91 0.00	39.01 0.88 0.00	38.05 0.86 0.00	37.42 0.81 0.00	36.11 0.81 0.00	37.87 0.85 0.00	43.85 1.03 0.00	50.38 1.23 0.00	54.00 1.37 0.00	55.64 1.46 0.00	54.39 1.38 0.00	53.20 1.40 0.00	51.73 1.31 0.00	49.06 1.15 0.00	47.34 1.11 0.00	52.09 1.17 0.00	62.50 1.46 0.00	73.19 1.65 0.00	67.65 1.52 0.00	62.15 1.40 0.00	60.80 1.37 0.00	57.43 1.35 0.00	53.85 1.26 0.00	51.46 1.21 0.00
INDECK___OLEAN 23982	38.73 -0.95 0.00	37.10 -1.03 0.00	36.38 -0.82 0.00	35.95 -0.66 0.00	34.42 -0.88 0.00	35.47 -1.55 0.00	41.37 -1.46 0.00	46.99 -2.16 0.00	49.68 -2.95 0.00	51.47 -2.71 0.00	50.10 -2.92 0.00	49.00 -2.80 0.00	47.69 -2.72 0.00	45.24 -2.54 0.13	43.68 -2.45 0.10	48.17 -2.75 0.00	58.78 -2.26 0.00	64.09 -6.73 0.73	57.56 -6.35 2.22	53.57 -6.02 1.17	56.94 -2.38 0.12	53.57 -2.52 0.00	49.96 -2.63 0.00	49.40 -0.85 0.00
INDECK___OSWEGO 23783	38.49 -1.19 0.00	36.99 -1.14 0.00	36.15 -1.04 0.00	35.55 -1.06 0.00	34.27 -1.02 0.00	35.84 -1.19 0.00	41.50 -1.33 0.00	47.73 -1.43 0.00	51.05 -1.58 0.00	52.60 -1.57 0.00	51.47 -1.54 0.00	50.35 -1.45 0.00	48.95 -1.46 0.00	46.52 -1.39 0.00	44.89 -1.34 0.00	49.44 -1.48 0.00	59.33 -1.71 0.00	69.62 -1.93 0.00	64.28 -1.85 0.00	59.05 -1.70 0.00	57.65 -1.78 0.00	54.35 -1.74 0.00	50.90 -1.68 0.00	48.84 -1.41 0.00
INDECK___YERKES 23781	37.57 -2.10 0.00	36.07 -2.06 0.00	35.41 -1.78 0.00	34.93 -1.68 0.00	33.25 -2.05 0.00	33.76 -3.26 0.00	38.89 -3.94 0.00	44.43 -4.72 0.00	47.32 -5.31 0.00	49.41 -4.77 0.00	48.24 -4.77 0.00	47.14 -4.66 0.00	45.88 -4.54 0.00	43.42 -3.93 0.57	41.69 -4.11 0.43	46.29 -4.63 0.00	55.53 -5.49 0.01	62.61 -5.79 3.14	50.77 -5.69 9.66	50.35 -5.35 5.06	53.41 -5.53 0.50	50.70 -5.38 0.00	47.54 -5.05 0.00	47.69 -2.56 0.00
INDIAN POINT_GT_1 24139	41.70 2.02 0.00	40.00 1.87 0.00	39.02 1.82 0.00	38.33 1.72 0.00	36.99 1.69 0.00	38.99 1.96 0.00	45.31 2.48 0.00	52.05 2.90 0.00	55.79 3.16 0.00	57.32 3.14 0.00	56.03 3.02 0.00	54.80 3.00 0.00	53.39 2.97 0.00	50.89 2.97 0.00	49.01 2.77 0.00	53.93 3.00 0.00	64.76 3.72 0.00	75.70 4.15 0.00	70.23 4.10 0.00	64.58 3.83 0.00	63.12 3.68 0.00	59.40 3.31 0.00	55.63 3.05 0.00	52.71 2.46 0.00
INDIAN POINT_GT_2 23659	41.70 2.02 0.00	40.00 1.87 0.00	39.02 1.82 0.00	38.33 1.72 0.00	36.99 1.69 0.00	38.99 1.96 0.00	45.31 2.48 0.00	52.05 2.90 0.00	55.79 3.16 0.00	57.32 3.14 0.00	56.03 3.02 0.00	54.80 3.00 0.00	53.39 2.97 0.00	50.89 2.97 0.00	49.01 2.77 0.00	53.93 3.00 0.00	64.76 3.72 0.00	75.70 4.15 0.00	70.23 4.10 0.00	64.58 3.83 0.00	63.12 3.68 0.00	59.40 3.31 0.00	55.63 3.05 0.00	52.71 2.46 0.00
INDIAN POINT_GT_3 24019	41.70 2.02 0.00	40.00 1.87 0.00	39.02 1.82 0.00	38.33 1.72 0.00	36.99 1.69 0.00	38.99 1.96 0.00	45.31 2.48 0.00	52.05 2.90 0.00	55.79 3.16 0.00	57.32 3.14 0.00	56.03 3.02 0.00	54.80 3.00 0.00	53.39 2.97 0.00	50.89 2.97 0.00	49.01 2.77 0.00	53.93 3.00 0.00	64.76 3.72 0.00	75.70 4.15 0.00	70.23 4.10 0.00	64.58 3.83 0.00	63.12 3.68 0.00	59.40 3.31 0.00	55.63 3.05 0.00	52.71 2.46 0.00
INDIAN POINT___2 23530	41.70 2.02 0.00	40.00 1.87 0.00	38.91 1.71 0.00	38.29 1.68 0.00	36.96 1.66 0.00	38.95 1.92 0.00	45.27 2.44 0.00	52.00 2.85 0.00	55.73 3.10 0.00	57.26 3.09 0.00	55.98 2.97 0.00	54.75 2.95 0.00	53.34 2.92 0.00	50.84 2.92 0.00	49.01 2.77 0.00	53.87 2.95 0.00	64.76 3.72 0.00	75.62 4.08 0.00	70.16 4.03 0.00	64.52 3.77 0.00	63.06 3.63 0.00	59.40 3.31 0.00	55.63 3.05 0.00	52.61 2.36 0.00
INDIAN POINT___3 23531	41.66 1.98 0.00	39.96 1.83 0.00	38.98 1.79 0.00	38.29 1.68 0.00	36.96 1.66 0.00	38.95 1.93 0.00	45.22 2.40 0.00	51.95 2.80 0.00	55.68 3.05 0.00	57.21 3.03 0.00	55.93 2.92 0.00	54.70 2.90 0.00	53.29 2.87 0.00	50.79 2.87 0.00	48.91 2.68 0.00	53.82 2.90 0.00	64.64 3.60 0.00	75.48 3.94 0.00	70.09 3.97 0.00	64.46 3.71 0.00	63.00 3.57 0.00	59.29 3.20 0.00	55.53 2.94 0.00	52.61 2.36 0.00
INGHAM_C_115KV_TB7 356103	41.86 2.18 0.00	40.23 2.10 0.00	39.24 2.05 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.06 2.04 0.00	45.18 2.36 0.00	51.95 2.80 0.00	55.74 3.11 0.00	57.43 3.25 0.00	56.25 3.23 0.00	54.96 3.16 0.00	53.39 2.97 0.00	50.55 2.64 0.00	48.73 2.50 0.00	53.62 2.70 0.00	64.27 3.23 0.00	75.27 3.72 0.00	69.56 3.44 0.00	63.91 3.16 0.00	62.53 3.09 0.00	59.17 3.08 0.00	55.48 2.89 0.00	53.07 2.81 0.00
IP CORINTH___1 23988	41.38 1.71 0.00	39.73 1.60 0.00	38.76 1.56 0.00	38.15 1.54 0.00	36.75 1.45 0.00	38.73 1.70 0.00	44.67 1.84 0.00	51.27 2.11 0.00	54.74 2.11 0.00	56.45 2.28 0.00	55.29 2.28 0.00	54.03 2.23 0.00	52.48 2.07 0.00	49.69 1.77 0.00	47.90 1.66 0.00	52.81 1.88 0.00	63.54 2.50 0.00	74.55 3.00 0.00	69.04 2.91 0.00	63.30 2.55 0.00	62.17 2.73 0.00	58.67 2.58 0.00	54.85 2.26 0.00	52.51 2.26 0.00
IP___TICONDEROGA 23804	43.17 3.49 0.00	41.45 3.32 0.00	40.43 3.24 0.00	39.80 3.19 0.00	38.34 3.04 0.00	40.47 3.44 0.00	46.64 3.81 0.00	53.48 4.33 0.00	56.95 4.32 0.00	58.78 4.60 0.00	57.57 4.56 0.00	56.31 4.51 0.00	54.60 4.18 0.00	51.60 3.69 0.00	49.75 3.51 0.00	55.10 4.18 0.00	66.71 5.68 0.00	78.34 6.80 0.00	72.54 6.41 0.00	66.40 5.65 0.00	65.26 5.82 0.00	61.47 5.38 0.00	57.42 4.84 0.00	55.13 4.87 0.00
ISLIP_RES_REC 323679	43.77 4.09 -0.01	41.60 3.47 0.00	40.28 3.09 0.00	39.43 2.82 0.00	38.02 2.72 0.00	40.47 3.44 0.00	47.59 4.75 -0.01	54.76 5.60 -0.01	58.85 6.21 -0.01	60.47 6.28 -0.02	64.30 5.46 -5.83	63.17 5.34 -6.04	63.10 5.19 -7.49	61.34 5.18 -8.25	60.40 4.99 -9.17	63.47 5.40 -7.15	68.01 6.96 -0.02	79.43 7.87 -0.01	73.68 7.54 -0.02	68.07 6.92 -0.40	66.11 6.66 -0.02	64.74 6.06 -2.59	59.37 5.78 -1.01	55.28 5.02 -0.01

JAMAICA__27_KV_LOAD 355505	42.38 2.70 0.00	40.61 2.48 0.00	39.57 2.38 0.00	38.84 2.23 0.00	37.45 2.15 0.00	39.61 2.59 0.00	46.25 3.43 0.00	53.23 4.08 0.00	57.12 4.47 -0.02	58.80 4.60 -0.02	57.15 4.13 0.00	55.89 4.09 0.00	54.45 4.03 0.00	51.89 3.98 0.00	49.88 3.65 0.00	54.94 4.02 0.00	65.98 4.94 0.00	76.70 5.15 0.00	71.28 5.16 0.00	66.04 5.29 0.00	64.25 4.81 0.00	60.35 4.26 0.00	56.79 4.21 0.00	53.52 3.27 0.00
JANIS__SOLAR 323808	40.55 0.87 0.00	38.97 0.84 0.00	38.12 0.93 0.00	37.45 0.84 0.00	36.15 0.85 0.00	37.84 0.81 0.00	44.15 1.33 0.00	51.17 2.02 0.00	54.79 2.16 0.00	56.34 2.17 0.00	55.03 2.01 0.00	53.66 1.86 0.00	52.03 1.61 0.00	49.41 1.34 -0.16	47.87 1.52 -0.12	52.86 1.93 0.00	63.91 2.87 0.00	75.92 3.50 -0.87	71.78 2.98 -2.67	64.75 2.61 -1.39	62.19 2.61 -0.14	58.10 2.02 0.00	54.27 1.68 0.00	52.26 2.01 0.00
JARVIS____ 23743	39.76 0.08 0.00	38.21 0.08 0.00	37.27 0.07 0.00	36.68 0.07 0.00	35.37 0.07 0.00	37.13 0.11 0.00	42.95 0.13 0.00	49.30 0.15 0.00	52.79 0.16 0.00	54.34 0.16 0.00	53.17 0.16 0.00	51.96 0.16 0.00	50.57 0.15 0.00	48.06 0.14 0.00	46.37 0.14 0.00	51.07 0.15 0.00	61.22 0.18 0.00	71.76 0.22 0.00	66.33 0.20 0.00	60.93 0.18 0.00	59.61 0.18 0.00	56.26 0.17 0.00	52.74 0.16 0.00	50.35 0.10 0.00
JENNISON____1 23625	40.59 0.91 0.00	39.01 0.88 0.00	38.05 0.86 0.00	37.42 0.81 0.00	36.11 0.81 0.00	37.87 0.85 0.00	44.11 1.28 0.00	51.17 2.02 0.00	54.89 2.26 0.00	56.56 2.38 0.00	55.34 2.33 0.00	54.08 2.28 0.00	52.53 2.12 0.00	49.69 1.77 0.00	48.41 2.17 0.00	53.42 2.50 0.00	64.39 3.36 0.00	75.27 3.72 0.00	69.37 3.24 0.00	63.61 2.86 0.00	62.41 2.97 0.00	58.11 2.02 0.00	54.27 1.68 0.00	52.21 1.96 0.00
JENNISON____2 23626	40.59 0.91 0.00	39.01 0.88 0.00	38.05 0.86 0.00	37.42 0.81 0.00	36.11 0.81 0.00	37.87 0.85 0.00	44.11 1.28 0.00	51.17 2.02 0.00	54.89 2.26 0.00	56.56 2.38 0.00	55.34 2.33 0.00	54.08 2.28 0.00	52.53 2.12 0.00	49.69 1.77 0.00	48.41 2.17 0.00	53.42 2.50 0.00	64.39 3.36 0.00	75.27 3.72 0.00	69.37 3.24 0.00	63.61 2.86 0.00	62.41 2.97 0.00	58.11 2.02 0.00	54.27 1.68 0.00	52.21 1.96 0.00
JERICOH_RISE_WT_PWR 323719	38.96 -0.71 0.00	37.56 -0.57 0.00	36.53 -0.67 0.00	35.88 -0.73 0.00	34.63 -0.67 0.00	36.32 -0.70 0.00	42.14 -0.69 0.00	48.22 -0.94 0.00	51.84 -0.79 0.00	53.25 -0.92 0.00	52.38 -0.63 0.00	51.18 -0.62 0.00	49.76 -0.66 0.00	47.24 -0.67 0.00	45.59 -0.65 0.00	50.36 -0.56 0.00	60.12 -0.91 0.00	70.48 -1.07 0.00	64.80 -1.32 0.00	59.60 -1.16 0.00	58.30 -1.13 0.00	55.25 -0.84 0.00	51.96 -0.63 0.00	49.45 -0.81 0.00
KATONAH__115KV_46KV_TB4 355592	41.94 2.26 0.00	40.23 2.10 0.00	39.28 2.08 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.21 2.18 0.00	45.57 2.74 0.00	52.40 3.24 0.00	56.21 3.58 0.00	57.75 3.58 0.00	56.51 3.50 0.00	55.27 3.47 0.00	53.79 3.38 0.00	51.17 3.26 0.00	49.38 3.14 0.00	54.28 3.36 0.00	65.25 4.21 0.00	76.20 4.65 0.00	70.76 4.63 0.00	65.00 4.25 0.00	63.48 4.04 0.00	59.79 3.70 0.00	55.95 3.37 0.00	53.07 2.81 0.00
KCE_NY_1 323755	41.58 1.90 0.00	39.92 1.79 0.00	38.94 1.75 0.00	38.33 1.72 0.00	36.96 1.66 0.00	38.87 1.85 0.00	44.88 2.06 0.00	51.46 2.31 0.00	55.00 2.37 0.00	56.72 2.55 0.00	55.50 2.49 0.00	54.23 2.44 0.00	52.74 2.32 0.00	50.02 2.11 0.00	48.22 1.99 0.00	53.16 2.24 0.00	63.96 2.93 0.00	74.98 3.43 0.00	69.43 3.30 0.00	63.73 2.98 0.00	62.58 3.15 0.00	58.95 2.86 0.00	55.21 2.63 0.00	52.76 2.51 0.00
KCE_NY_6_ESR 323823	37.77 -1.90 0.00	36.26 -1.87 0.00	35.56 -1.64 0.00	35.11 -1.50 0.00	33.50 -1.80 0.00	34.25 -2.78 0.00	39.49 -3.34 0.00	45.12 -4.03 0.00	48.00 -4.63 0.00	50.00 -4.17 0.00	48.82 -4.19 0.00	47.71 -4.09 0.00	46.43 -3.98 0.00	43.50 -3.74 0.67	42.06 -3.65 0.52	46.80 -4.12 0.00	56.32 -4.70 0.01	61.42 -6.37 3.76	48.43 -6.15 11.55	48.94 -5.77 6.04	54.08 -4.76 0.60	51.43 -4.65 0.00	48.17 -4.42 0.00	48.09 -2.16 0.00
KEDC_PORT_JEFF_GT2 24210	43.53 3.85 -0.01	41.37 3.24 0.00	40.06 2.86 0.00	39.25 2.64 0.00	37.84 2.54 0.00	40.24 3.22 0.00	47.29 4.45 -0.01	54.42 5.26 -0.01	58.48 5.84 -0.01	60.10 5.91 -0.02	63.88 5.04 -5.83	62.76 4.92 -6.04	62.75 4.84 -7.49	60.96 4.79 -8.25	60.03 4.62 -9.17	63.07 4.99 -7.15	67.46 6.41 -0.02	78.78 7.22 -0.01	73.08 6.94 -0.02	67.53 6.38 -0.40	65.63 6.18 -0.02	64.28 5.61 -2.59	59.01 5.42 -1.01	54.93 4.67 -0.01
KEDC_PORT_JEFF_GT3 24211	43.53 3.85 -0.01	41.37 3.24 0.00	40.06 2.86 0.00	39.25 2.64 0.00	37.84 2.54 0.00	40.24 3.22 0.00	47.29 4.45 -0.01	54.42 5.26 -0.01	58.48 5.84 -0.01	60.10 5.91 -0.02	63.88 5.04 -5.83	62.76 4.92 -6.04	62.75 4.84 -7.49	60.96 4.79 -8.25	60.03 4.62 -9.17	63.07 4.99 -7.15	67.46 6.41 -0.02	78.78 7.22 -0.01	73.08 6.94 -0.02	67.53 6.38 -0.40	65.63 6.18 -0.02	64.28 5.61 -2.59	59.01 5.42 -1.01	54.93 4.67 -0.01
KEDC_GLWD_GT4 24219	42.62 2.94 -0.01	40.69 2.56 0.00	39.50 2.31 0.00	38.84 2.23 0.00	37.45 2.15 0.00	39.61 2.59 0.00	46.26 3.43 -0.01	53.19 4.03 -0.01	57.06 4.42 -0.01	58.68 4.49 -0.02	63.09 4.24 -5.83	62.03 4.19 -6.04	62.04 4.13 -7.49	60.24 4.07 -8.25	59.29 3.88 -9.17	62.25 4.18 -7.15	66.30 5.25 -0.02	77.35 5.79 -0.01	71.76 5.62 -0.02	66.31 5.16 -0.40	64.45 4.99 -0.02	63.28 4.60 -2.59	57.80 4.21 -1.01	53.83 3.57 -0.01
KEDC_GLWD_GT5 24220	42.62 2.94 -0.01	40.69 2.56 0.00	39.50 2.31 0.00	38.84 2.23 0.00	37.45 2.15 0.00	39.61 2.59 0.00	46.26 3.43 -0.01	53.19 4.03 -0.01	57.06 4.42 -0.01	58.68 4.49 -0.02	63.09 4.24 -5.83	62.03 4.19 -6.04	62.04 4.13 -7.49	60.24 4.07 -8.25	59.29 3.88 -9.17	62.25 4.18 -7.15	66.30 5.25 -0.02	77.35 5.79 -0.01	71.76 5.62 -0.02	66.31 5.16 -0.40	64.45 4.99 -0.02	63.28 4.60 -2.59	57.80 4.21 -1.01	53.83 3.57 -0.01
KENSICO____ 23655	41.86 2.18 0.00	40.15 2.02 0.00	39.17 1.97 0.00	38.48 1.87 0.00	37.14 1.84 0.00	39.13 2.11 0.00	45.48 2.66 0.00	52.25 3.10 0.00	56.05 3.42 0.00	57.64 3.47 0.00	56.35 3.34 0.00	55.06 3.26 0.00	53.64 3.23 0.00	51.12 3.21 0.00	49.24 3.01 0.00	54.23 3.31 0.00	65.06 4.03 0.00	75.98 4.44 0.00	70.56 4.43 0.00	64.88 4.13 0.00	63.36 3.92 0.00	59.68 3.59 0.00	55.84 3.26 0.00	52.86 2.61 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.02 2.34 0.00	40.23 2.10 0.00	39.20 2.01 0.00	38.51 1.90 0.00	37.21 1.91 0.00	39.13 2.11 0.00	45.61 2.78 0.00	52.40 3.24 0.00	56.05 3.42 0.00	57.48 3.30 0.00	56.09 3.07 0.00	54.70 2.90 0.00	53.34 2.92 0.00	50.74 2.83 0.00	48.91 2.68 0.00	53.93 3.00 0.00	65.00 3.97 0.00	76.27 4.72 0.00	70.76 4.63 0.00	65.00 4.25 0.00	63.54 4.10 0.00	59.85 3.76 0.00	56.00 3.42 0.00	53.12 2.86 0.00

KLAC_JFK_GT1 23816	42.14 2.46 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.62 2.01 0.00	37.24 1.94 0.00	39.39 2.37 0.00	45.99 3.17 0.00	52.94 3.78 0.00	56.80 4.16 -0.02	58.47 4.28 -0.02	56.83 3.82 0.00	55.58 3.78 0.00	54.15 3.73 0.00	51.60 3.69 0.00	49.61 3.37 0.00	54.64 3.72 0.00	65.55 4.52 0.00	75.91 4.36 0.00	70.62 4.50 0.00	65.67 4.92 0.00	63.83 4.40 0.00	60.01 3.93 0.00	56.48 3.89 0.00	53.22 2.96 0.00
KIAC_JFK_GT2 23817	42.14 2.46 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.62 2.01 0.00	37.24 1.94 0.00	39.39 2.37 0.00	45.99 3.17 0.00	52.94 3.78 0.00	56.80 4.16 -0.02	58.47 4.28 -0.02	56.83 3.82 0.00	55.58 3.78 0.00	54.15 3.73 0.00	51.60 3.69 0.00	49.61 3.37 0.00	54.64 3.72 0.00	65.55 4.52 0.00	75.91 4.36 0.00	70.62 4.50 0.00	65.67 4.92 0.00	63.83 4.40 0.00	60.01 3.93 0.00	56.48 3.89 0.00	53.22 2.96 0.00
KIAC_JFK____ 323774	42.14 2.46 0.00	40.38 2.25 0.00	39.28 2.08 0.00	38.62 2.01 0.00	37.24 1.94 0.00	39.39 2.37 0.00	45.99 3.17 0.00	52.94 3.79 0.00	56.80 4.16 -0.02	58.47 4.28 -0.02	56.99 3.98 0.00	55.69 3.89 0.00	54.15 3.73 0.00	51.60 3.69 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	75.98 4.44 0.00	70.63 4.50 0.00	65.67 4.92 0.00	63.83 4.40 0.00	60.01 3.92 0.00	56.53 3.95 0.00	53.22 2.96 0.00
KINTIGH__24_KV_GSU 356498	37.26 -2.42 0.00	35.85 -2.29 0.00	35.15 -2.05 0.00	34.67 -1.94 0.00	33.08 -2.22 0.00	33.80 -3.22 0.00	38.93 -3.90 0.00	44.63 -4.52 0.00	47.58 -5.05 0.00	49.52 -4.66 0.00	48.45 -4.56 0.00	47.29 -4.51 0.00	46.08 -4.34 0.00	43.50 -4.07 0.34	42.04 -3.93 0.26	46.54 -4.38 0.00	55.72 -5.31 0.01	64.68 -4.94 1.93	55.27 -4.89 5.97	53.10 -4.56 3.09	53.72 -5.41 0.31	50.93 -5.16 0.00	47.64 -4.94 0.00	47.34 -2.92 0.00
KINTIGH____ 23543	37.30 -2.38 0.00	35.84 -2.29 0.00	34.78 -2.42 0.00	34.63 -1.98 0.00	33.08 -2.22 0.00	33.80 -3.22 0.00	38.93 -3.90 0.00	44.63 -4.52 0.00	47.58 -5.05 0.00	49.57 -4.60 0.00	48.45 -4.56 0.00	47.29 -4.51 0.00	46.03 -4.39 0.00	43.50 -4.07 0.34	42.13 -3.84 0.26	46.49 -4.43 0.00	55.84 -5.19 0.01	64.68 -4.94 1.93	55.27 -4.89 5.97	53.10 -4.56 3.09	53.72 -5.41 0.31	50.98 -5.10 0.00	47.85 -4.73 0.00	47.34 -2.91 0.00
KNFTRNC_46_KV_46KV_LOAD 80397	39.96 0.28 0.00	38.55 0.42 0.00	37.42 0.22 0.00	36.76 0.15 0.00	35.55 0.25 0.00	37.24 0.22 0.00	43.51 0.69 0.00	49.74 0.59 0.00	53.47 0.84 0.00	54.77 0.60 0.00	53.97 0.95 0.00	52.68 0.88 0.00	51.17 0.76 0.00	48.59 0.67 0.00	46.93 0.69 0.00	51.99 1.07 0.00	62.13 1.10 0.00	72.98 1.43 0.00	66.06 -0.07 0.00	60.75 0.00 0.00	59.44 0.00 0.00	56.31 0.22 0.00	53.01 0.42 0.00	50.45 0.20 0.00
LACHUTE__HYDRO 323717	43.17 3.49 0.00	41.45 3.32 0.00	40.43 3.23 0.00	39.79 3.18 0.00	38.34 3.04 0.00	40.47 3.44 0.00	46.64 3.81 0.00	53.48 4.33 0.00	56.95 4.32 0.00	58.78 4.60 0.00	57.57 4.56 0.00	56.30 4.50 0.00	54.60 4.18 0.00	51.60 3.69 0.00	49.74 3.51 0.00	55.10 4.18 0.00	66.71 5.68 0.00	78.35 6.80 0.00	72.54 6.41 0.00	66.40 5.65 0.00	65.26 5.83 0.00	61.47 5.39 0.00	57.42 4.83 0.00	55.12 4.87 0.00
LAWRNCV_115KV_TB1 80681	40.03 0.36 0.00	38.55 0.42 0.00	37.57 0.37 0.00	36.90 0.29 0.00	35.62 0.32 0.00	37.39 0.37 0.00	43.38 0.56 0.00	49.74 0.59 0.00	53.37 0.74 0.00	54.72 0.54 0.00	53.75 0.74 0.00	52.58 0.78 0.00	51.12 0.71 0.00	48.49 0.57 0.00	46.79 0.55 0.00	51.58 0.66 0.00	61.03 0.00 0.00	71.55 0.00 0.00	65.80 -0.33 0.00	60.57 -0.18 0.00	59.20 -0.24 0.00	56.54 0.45 0.00	53.48 0.89 0.00	51.06 0.80 0.00
LEDERLE____ 23769	41.78 2.10 0.00	40.08 1.94 0.00	39.09 1.90 0.00	38.40 1.79 0.00	37.03 1.73 0.00	39.02 2.00 0.00	45.40 2.57 0.00	52.10 2.95 0.00	55.79 3.16 0.00	57.32 3.14 0.00	56.03 3.02 0.00	54.80 3.00 0.00	53.39 2.97 0.00	50.89 2.97 0.00	49.01 2.77 0.00	53.93 3.00 0.00	64.76 3.72 0.00	75.70 4.15 0.00	70.29 4.17 0.00	64.64 3.89 0.00	63.18 3.74 0.00	59.45 3.37 0.00	55.69 3.10 0.00	52.71 2.46 0.00
LIGHTHSE_115KV_TB6 355974	39.12 -0.56 0.00	37.60 -0.53 0.00	36.71 -0.48 0.00	36.10 -0.51 0.00	34.84 -0.46 0.00	36.47 -0.56 0.00	42.23 -0.60 0.00	48.61 -0.54 0.00	52.10 -0.53 0.00	53.63 -0.54 0.00	52.43 -0.58 0.00	51.44 -0.36 0.00	49.96 -0.45 0.00	47.39 -0.53 0.00	45.82 -0.42 0.00	50.51 -0.41 0.00	60.55 -0.49 0.00	71.05 -0.50 0.00	65.40 -0.73 0.00	60.02 -0.73 0.00	58.60 -0.83 0.00	55.42 -0.67 0.00	52.01 -0.58 0.00	49.90 -0.35 0.00
LINDEN COGEN____ 23786	41.82 2.14 0.00	40.11 1.98 0.00	39.05 1.86 0.00	38.40 1.79 0.00	37.06 1.76 0.00	39.06 2.03 0.00	45.48 2.66 0.00	52.11 3.10 0.14	46.27 3.42 9.78	45.47 3.47 12.17	40.83 3.34 15.52	38.74 3.32 16.38	48.67 3.33 5.07	51.32 3.40 0.00	49.52 3.28 0.00	54.43 3.51 0.00	65.43 4.40 0.00	76.19 4.65 0.00	70.82 4.70 0.00	65.18 4.43 0.00	63.53 4.10 0.00	59.85 3.76 0.00	56.00 3.42 0.00	52.86 2.61 0.00
LINDHRST_69_KV_BK1 356055	43.45 3.77 0.00	41.34 3.20 0.00	40.13 2.94 0.00	39.25 2.64 0.00	37.81 2.51 0.00	40.21 3.18 0.00	47.19 4.37 0.00	54.26 5.11 0.00	58.26 5.63 0.00	59.88 5.69 -0.02	63.93 5.09 -5.83	62.86 5.02 -6.04	62.85 4.94 -7.49	61.01 4.84 -8.25	60.03 4.62 -9.17	63.16 5.09 -7.15	67.40 6.35 -0.02	78.77 7.23 0.00	73.02 6.88 -0.02	67.53 6.38 -0.40	65.57 6.12 -0.02	64.29 5.61 -2.59	58.90 5.31 -1.01	54.92 4.67 0.00
LIPA_MISC_IPP 23656	43.65 3.97 0.00	41.45 3.32 0.00	40.21 3.01 0.00	39.32 2.71 0.00	37.88 2.58 0.00	40.32 3.30 0.00	47.37 4.54 0.00	54.51 5.36 0.00	58.58 5.95 0.00	60.20 6.01 -0.02	63.72 4.88 -5.83	62.60 4.77 -6.04	62.55 4.64 -7.49	60.81 4.65 -8.25	59.89 4.48 -9.17	62.91 4.84 -7.15	67.28 6.23 -0.02	78.63 7.08 0.00	72.95 6.81 -0.02	67.47 6.32 -0.40	65.51 6.06 -0.02	64.17 5.50 -2.59	58.85 5.26 -1.01	54.82 4.57 0.00
LISF__SOLAR 323691	43.69 4.01 -0.01	41.52 3.39 0.00	40.21 3.01 0.00	39.36 2.75 0.00	37.91 2.61 0.00	40.39 3.37 0.00	47.46 4.63 -0.01	54.62 5.46 -0.01	58.69 6.05 -0.01	60.31 6.12 -0.02	63.88 5.04 -5.83	62.66 4.82 -6.04	62.64 4.74 -7.49	60.91 4.74 -8.25	59.98 4.58 -9.17	63.01 4.94 -7.15	67.46 6.41 -0.02	78.86 7.30 -0.01	73.15 7.01 -0.02	67.65 6.50 -0.40	65.63 6.18 -0.02	64.23 5.55 -2.59	59.06 5.47 -1.01	54.93 4.67 -0.01
LITTLE FALLS__HYD 24013	41.86 2.18 0.00	40.23 2.10 0.00	39.24 2.05 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.06 2.04 0.00	45.18 2.36 0.00	51.95 2.80 0.00	55.74 3.11 0.00	57.43 3.25 0.00	56.25 3.23 0.00	54.96 3.16 0.00	53.39 2.97 0.00	50.55 2.64 0.00	48.73 2.50 0.00	53.62 2.70 0.00	64.27 3.23 0.00	75.27 3.72 0.00	69.56 3.44 0.00	63.91 3.16 0.00	62.53 3.09 0.00	59.17 3.08 0.00	55.48 2.89 0.00	53.07 2.81 0.00

LITTLRIV_115KV_TB1 356100	40.43 0.75 0.00	38.93 0.80 0.00	37.94 0.74 0.00	37.23 0.62 0.00	35.97 0.67 0.00	37.76 0.74 0.00	43.81 0.98 0.00	50.33 1.18 0.00	53.95 1.32 0.00	55.26 1.08 0.00	54.28 1.27 0.00	53.04 1.24 0.00	51.57 1.16 0.00	48.92 1.01 0.00	47.20 0.97 0.00	52.09 1.17 0.00	61.83 0.79 0.00	72.41 0.86 0.00	66.59 0.46 0.00	61.24 0.49 0.00	59.85 0.42 0.00	57.15 1.07 0.00	54.06 1.47 0.00	51.66 1.41 0.00
LI_NEWBRDGE___DRP 323616	42.73 3.06 0.00	40.72 2.59 0.00	39.57 2.38 0.00	38.73 2.12 0.00	37.31 2.01 0.00	39.61 2.59 0.00	46.38 3.55 0.00	53.33 4.18 0.00	57.16 4.53 0.00	58.74 4.55 -0.02	62.87 4.03 -5.83	61.83 3.99 -6.04	61.84 3.93 -7.49	60.09 3.93 -8.25	59.10 3.70 -9.17	62.09 4.02 -7.15	66.06 5.00 -0.02	77.13 5.58 0.00	71.50 5.36 -0.02	66.07 4.92 -0.40	64.21 4.75 -0.02	63.05 4.37 -2.59	57.74 4.15 -1.01	53.92 3.67 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.18 -2.50 0.00	35.69 -2.44 0.00	34.55 -2.64 0.00	34.52 -2.09 0.00	32.90 -2.40 0.00	33.47 -3.55 0.00	38.50 -4.33 0.00	44.09 -5.06 0.00	47.00 -5.63 0.00	49.03 -5.15 0.00	47.92 -5.09 0.00	46.72 -5.08 0.00	45.52 -4.89 0.00	43.01 -4.41 0.49	41.56 -4.30 0.38	45.93 -4.99 0.00	55.23 -5.80 0.01	63.10 -5.72 2.73	52.12 -5.69 8.32	51.07 -5.29 4.39	53.00 -6.00 0.44	50.42 -5.66 0.00	47.38 -5.21 0.00	47.29 -2.96 0.00
LOCKPORT___CC1 323769	37.14 -2.54 0.00	35.69 -2.44 0.00	35.04 -2.16 0.00	34.56 -2.05 0.00	32.90 -2.40 0.00	33.50 -3.52 0.00	38.50 -4.32 0.00	44.09 -5.06 0.00	46.94 -5.69 0.00	48.97 -5.20 0.00	47.87 -5.14 0.00	46.73 -5.07 0.00	45.48 -4.94 0.00	42.97 -4.41 0.53	41.34 -4.48 0.41	45.93 -4.99 0.00	55.05 -5.98 0.01	62.58 -6.01 2.96	51.13 -5.95 9.04	50.46 -5.53 4.76	52.90 -6.06 0.47	50.25 -5.83 0.00	47.11 -5.47 0.00	47.24 -3.01 0.00
LOCKPORT___CC2 323770	37.14 -2.54 0.00	35.69 -2.44 0.00	35.04 -2.16 0.00	34.56 -2.05 0.00	32.90 -2.40 0.00	33.50 -3.52 0.00	38.50 -4.32 0.00	44.09 -5.06 0.00	46.94 -5.69 0.00	48.97 -5.20 0.00	47.87 -5.14 0.00	46.73 -5.07 0.00	45.48 -4.94 0.00	42.97 -4.41 0.53	41.34 -4.48 0.41	45.93 -4.99 0.00	55.05 -5.98 0.01	62.58 -6.01 2.96	51.13 -5.95 9.04	50.46 -5.53 4.76	52.90 -6.06 0.47	50.25 -5.83 0.00	47.11 -5.47 0.00	47.24 -3.01 0.00
LOCKPORT___CC3 323771	37.14 -2.54 0.00	35.69 -2.44 0.00	35.04 -2.16 0.00	34.56 -2.05 0.00	32.90 -2.40 0.00	33.50 -3.52 0.00	38.50 -4.32 0.00	44.09 -5.06 0.00	46.94 -5.69 0.00	48.97 -5.20 0.00	47.87 -5.14 0.00	46.73 -5.07 0.00	45.48 -4.94 0.00	42.97 -4.41 0.53	41.34 -4.48 0.41	45.93 -4.99 0.00	55.05 -5.98 0.01	62.58 -6.01 2.96	51.13 -5.95 9.04	50.46 -5.53 4.76	52.90 -6.06 0.47	50.25 -5.83 0.00	47.11 -5.47 0.00	47.24 -3.01 0.00
LOCUSVLY_69_KV_BK2 55797	42.93 3.25 0.00	40.92 2.78 0.00	39.80 2.60 0.00	38.99 2.38 0.00	37.59 2.29 0.00	39.84 2.81 0.00	46.59 3.77 0.00	53.58 4.42 0.00	57.47 4.84 0.00	59.12 4.93 -0.02	63.46 4.61 -5.83	62.35 4.51 -6.04	62.34 4.44 -7.49	60.53 4.36 -8.25	59.57 4.16 -9.17	62.61 4.53 -7.15	66.60 5.55 -0.02	77.77 6.22 0.00	72.16 6.02 -0.02	66.68 5.53 -0.40	64.80 5.35 -0.02	63.61 4.94 -2.59	58.17 4.57 -1.01	54.22 3.97 0.00
LONG_LAKE_PHOENIX 24014	38.65 -1.03 0.00	37.14 -0.99 0.00	36.26 -0.93 0.00	35.73 -0.88 0.00	34.45 -0.85 0.00	35.99 -1.04 0.00	41.67 -1.16 0.00	47.97 -1.18 0.00	51.37 -1.26 0.00	52.98 -1.19 0.00	51.85 -1.17 0.00	50.66 -1.14 0.00	49.31 -1.11 0.00	46.81 -1.10 0.00	45.22 -1.02 0.00	49.65 -1.27 0.00	59.63 -1.40 0.00	69.97 -1.57 0.00	64.61 -1.52 0.00	59.29 -1.46 0.00	57.89 -1.55 0.00	54.57 -1.51 0.00	51.11 -1.47 0.00	49.05 -1.21 0.00
LOVETT___3 23632	41.62 1.94 0.00	39.92 1.79 0.00	38.94 1.75 0.00	38.26 1.65 0.00	36.92 1.62 0.00	38.91 1.89 0.00	45.18 2.36 0.00	51.86 2.70 0.00	55.58 2.95 0.00	57.10 2.93 0.00	55.82 2.81 0.00	54.60 2.80 0.00	53.19 2.77 0.00	50.69 2.78 0.00	48.87 2.64 0.00	53.72 2.80 0.00	64.51 3.48 0.00	75.34 3.79 0.00	69.96 3.84 0.00	64.34 3.58 0.00	62.88 3.45 0.00	59.23 3.14 0.00	55.48 2.89 0.00	52.51 2.26 0.00
LOVETT___4 23642	41.62 1.94 0.00	39.92 1.79 0.00	38.94 1.75 0.00	38.26 1.65 0.00	36.92 1.62 0.00	38.91 1.89 0.00	45.18 2.36 0.00	51.86 2.70 0.00	55.58 2.95 0.00	57.10 2.93 0.00	55.82 2.81 0.00	54.60 2.80 0.00	53.19 2.77 0.00	50.69 2.78 0.00	48.87 2.64 0.00	53.72 2.80 0.00	64.51 3.48 0.00	75.34 3.79 0.00	69.96 3.84 0.00	64.34 3.58 0.00	62.88 3.45 0.00	59.23 3.14 0.00	55.48 2.89 0.00	52.51 2.26 0.00
LOVETT___5 23593	41.62 1.94 0.00	39.92 1.79 0.00	38.94 1.75 0.00	38.26 1.65 0.00	36.92 1.62 0.00	38.91 1.89 0.00	45.18 2.36 0.00	51.86 2.70 0.00	55.58 2.95 0.00	57.10 2.93 0.00	55.82 2.81 0.00	54.60 2.80 0.00	53.19 2.77 0.00	50.69 2.78 0.00	48.87 2.64 0.00	53.72 2.80 0.00	64.51 3.48 0.00	75.34 3.79 0.00	69.96 3.84 0.00	64.34 3.58 0.00	62.88 3.45 0.00	59.23 3.14 0.00	55.48 2.89 0.00	52.51 2.26 0.00
LOWER RAQUET___HYD 24057	40.03 0.36 0.00	38.55 0.42 0.00	37.53 0.33 0.00	36.87 0.26 0.00	35.62 0.32 0.00	37.39 0.37 0.00	43.38 0.56 0.00	49.79 0.64 0.00	53.37 0.74 0.00	54.72 0.54 0.00	53.81 0.80 0.00	52.58 0.78 0.00	51.12 0.71 0.00	48.49 0.58 0.00	46.79 0.56 0.00	51.53 0.61 0.00	60.91 -0.12 0.00	71.40 -0.14 0.00	65.67 -0.46 0.00	60.39 -0.36 0.00	59.08 -0.35 0.00	56.48 0.40 0.00	53.53 0.95 0.00	51.10 0.85 0.00
LOWER___HUDSON 24059	41.22 1.55 0.00	39.62 1.49 0.00	38.61 1.41 0.00	38.04 1.43 0.00	36.68 1.38 0.00	38.54 1.52 0.00	44.54 1.71 0.00	50.97 1.82 0.00	54.52 1.89 0.00	56.12 1.95 0.00	54.87 1.85 0.00	53.61 1.81 0.00	52.13 1.72 0.00	49.54 1.63 0.00	47.81 1.57 0.00	52.65 1.73 0.00	63.23 2.19 0.00	74.05 2.50 0.00	68.57 2.45 0.00	63.00 2.25 0.00	61.93 2.50 0.00	58.39 2.30 0.00	54.63 2.05 0.00	52.11 1.86 0.00
LOWVILLE_115KV_TB2 356335	39.88 0.20 0.00	38.36 0.23 0.00	37.45 0.26 0.00	36.72 0.11 0.00	35.48 0.18 0.00	37.32 0.30 0.00	43.30 0.47 0.00	49.94 0.79 0.00	53.58 0.95 0.00	55.04 0.87 0.00	53.81 0.80 0.00	52.73 0.93 0.00	51.22 0.81 0.00	48.49 0.57 0.00	46.93 0.69 0.00	51.84 0.92 0.00	61.95 0.92 0.00	72.62 1.07 0.00	66.85 0.73 0.00	61.42 0.67 0.00	59.91 0.48 0.00	56.65 0.56 0.00	53.32 0.74 0.00	51.06 0.80 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.54 1.86 0.00	39.92 1.79 0.00	38.94 1.75 0.00	38.33 1.72 0.00	36.92 1.62 0.00	38.84 1.81 0.00	44.84 2.01 0.00	51.41 2.26 0.00	55.00 2.37 0.00	56.67 2.49 0.00	55.45 2.44 0.00	54.18 2.38 0.00	52.68 2.27 0.00	49.98 2.06 0.00	48.17 1.94 0.00	53.11 2.19 0.00	63.90 2.87 0.00	74.91 3.36 0.00	69.37 3.24 0.00	63.67 2.92 0.00	62.53 3.09 0.00	58.95 2.86 0.00	55.16 2.58 0.00	52.71 2.46 0.00

LUTHERNY_35_KV_BK2 355980	41.58 1.90 0.00	39.92 1.79 0.00	38.98 1.79 0.00	38.37 1.76 0.00	36.96 1.66 0.00	38.87 1.85 0.00	44.88 2.06 0.00	51.46 2.31 0.00	55.00 2.37 0.00	56.72 2.55 0.00	55.50 2.49 0.00	54.23 2.43 0.00	52.73 2.32 0.00	50.02 2.11 0.00	48.22 1.99 0.00	53.16 2.24 0.00	63.96 2.93 0.00	74.98 3.43 0.00	69.43 3.31 0.00	63.67 2.92 0.00	62.59 3.15 0.00	58.95 2.86 0.00	55.16 2.58 0.00	52.76 2.51 0.00
LWR___OSWEGATCHIE_HYD 23850	39.84 0.16 0.00	38.32 0.19 0.00	37.38 0.19 0.00	36.68 0.07 0.00	35.44 0.14 0.00	37.24 0.22 0.00	43.17 0.34 0.00	49.69 0.54 0.00	53.31 0.68 0.00	54.66 0.49 0.00	53.65 0.64 0.00	52.52 0.73 0.00	51.02 0.60 0.00	48.35 0.43 0.00	46.69 0.46 0.00	51.53 0.61 0.00	61.03 0.00 0.00	71.55 0.00 0.00	65.80 -0.33 0.00	60.51 -0.24 0.00	59.08 -0.36 0.00	56.20 0.11 0.00	53.27 0.68 0.00	50.96 0.70 0.00
LYONS_FALL_HYD 23570	40.07 0.40 0.00	38.55 0.42 0.00	37.64 0.45 0.00	36.94 0.33 0.00	35.65 0.35 0.00	37.47 0.45 0.00	43.42 0.60 0.00	50.08 0.93 0.00	53.79 1.16 0.00	55.26 1.08 0.00	54.02 1.00 0.00	52.89 1.09 0.00	51.42 1.01 0.00	48.73 0.81 0.00	47.11 0.88 0.00	51.99 1.07 0.00	62.26 1.22 0.00	72.98 1.43 0.00	67.25 1.12 0.00	61.72 0.97 0.00	60.33 0.89 0.00	56.93 0.84 0.00	53.48 0.89 0.00	51.20 0.95 0.00
MADISON___COUNTY_LFGE 323628	40.39 0.71 0.00	38.86 0.72 0.00	37.94 0.74 0.00	37.31 0.70 0.00	36.01 0.71 0.00	37.76 0.74 0.00	43.81 0.98 0.00	50.53 1.38 0.00	54.21 1.58 0.00	55.80 1.63 0.00	54.55 1.54 0.00	53.30 1.50 0.00	51.88 1.46 0.00	49.16 1.25 0.00	47.53 1.29 0.00	52.40 1.48 0.00	62.93 1.89 0.00	73.62 2.07 0.00	67.91 1.79 0.00	62.33 1.58 0.00	60.92 1.49 0.00	57.43 1.35 0.00	53.74 1.16 0.00	51.51 1.26 0.00
MALONE___115KV_TB1 356076	39.80 0.12 0.00	38.36 0.23 0.00	37.31 0.11 0.00	36.65 0.04 0.00	35.41 0.11 0.00	37.10 0.07 0.00	43.25 0.43 0.00	49.55 0.39 0.00	53.21 0.58 0.00	54.55 0.38 0.00	53.75 0.74 0.00	52.52 0.73 0.00	51.02 0.60 0.00	48.44 0.53 0.00	46.69 0.46 0.00	51.63 0.71 0.00	61.46 0.43 0.00	72.12 0.57 0.00	66.19 0.07 0.00	60.87 0.12 0.00	59.55 0.12 0.00	56.54 0.45 0.00	53.32 0.74 0.00	50.80 0.55 0.00
MAPLEWOD_115KV_TB3 80458	41.23 1.55 0.00	39.58 1.45 0.00	38.65 1.45 0.00	38.00 1.39 0.00	36.64 1.34 0.00	38.50 1.48 0.00	44.32 1.50 0.00	50.53 1.38 0.00	54.10 1.47 0.00	55.69 1.52 0.00	54.39 1.38 0.00	53.15 1.35 0.00	51.78 1.36 0.00	49.26 1.34 0.00	47.48 1.25 0.00	52.25 1.32 0.00	62.68 1.65 0.00	73.48 1.93 0.00	68.04 1.92 0.00	62.45 1.70 0.00	61.40 1.96 0.00	57.83 1.74 0.00	54.11 1.52 0.00	51.66 1.41 0.00
MAPLE_RIDGE_WT_1 323574	38.33 -1.35 0.00	36.84 -1.30 0.00	35.93 -1.26 0.00	35.33 -1.28 0.00	34.10 -1.20 0.00	35.80 -1.22 0.00	41.41 -1.41 0.00	47.58 -1.57 0.00	51.05 -1.58 0.00	52.55 -1.62 0.00	51.53 -1.48 0.00	50.45 -1.35 0.00	49.06 -1.36 0.00	46.57 -1.34 0.00	44.94 -1.29 0.00	49.55 -1.37 0.00	59.26 -1.77 0.00	69.62 -1.93 0.00	64.34 -1.78 0.00	59.11 -1.64 0.00	57.83 -1.60 0.00	54.69 -1.40 0.00	51.27 -1.31 0.00	48.90 -1.35 0.00
MAPLE_RIDGE_WT_2 323611	38.33 -1.35 0.00	36.84 -1.30 0.00	35.93 -1.26 0.00	35.33 -1.28 0.00	34.10 -1.20 0.00	35.80 -1.22 0.00	41.41 -1.41 0.00	47.58 -1.57 0.00	51.05 -1.58 0.00	52.55 -1.62 0.00	51.53 -1.48 0.00	50.45 -1.35 0.00	49.06 -1.36 0.00	46.57 -1.34 0.00	44.94 -1.29 0.00	49.55 -1.37 0.00	59.26 -1.77 0.00	69.62 -1.93 0.00	64.34 -1.78 0.00	59.11 -1.64 0.00	57.83 -1.60 0.00	54.69 -1.40 0.00	51.27 -1.31 0.00	48.90 -1.35 0.00
MARBLE_RIVER_WT_PWR 323696	39.00 -0.67 0.00	37.56 -0.57 0.00	36.53 -0.67 0.00	35.88 -0.73 0.00	34.63 -0.67 0.00	36.32 -0.70 0.00	42.14 -0.69 0.00	48.27 -0.88 0.00	51.84 -0.79 0.00	53.25 -0.92 0.00	52.38 -0.63 0.00	51.18 -0.62 0.00	49.76 -0.66 0.00	47.24 -0.67 0.00	45.59 -0.65 0.00	50.36 -0.56 0.00	60.12 -0.91 0.00	70.48 -1.07 0.00	64.87 -1.26 0.00	59.66 -1.09 0.00	58.37 -1.07 0.00	55.25 -0.84 0.00	51.96 -0.63 0.00	49.45 -0.81 0.00
MARSHVLE_115KV_TB1 80742	40.27 0.60 0.00	38.67 0.53 0.00	37.72 0.52 0.00	37.12 0.51 0.00	35.79 0.49 0.00	37.76 0.74 0.00	43.72 0.90 0.00	50.38 1.23 0.00	53.68 1.05 0.00	55.04 0.87 0.00	53.81 0.80 0.00	52.58 0.78 0.00	51.02 0.60 0.00	47.91 0.00 0.00	46.46 0.23 0.00	51.68 0.76 0.00	62.56 1.53 0.00	73.48 1.93 0.00	68.04 1.92 0.00	62.33 1.58 0.00	61.10 1.66 0.00	57.77 1.68 0.00	53.90 1.31 0.00	51.56 1.31 0.00
MARSH_HILL_WT_PWR 323713	38.17 -1.51 0.00	36.64 -1.49 0.00	35.93 -1.26 0.00	35.47 -1.14 0.00	34.06 -1.24 0.00	35.21 -1.81 0.00	41.07 -1.76 0.00	47.14 -2.02 0.00	50.05 -2.58 0.00	51.68 -2.49 0.00	50.42 -2.60 0.00	49.21 -2.59 0.00	47.79 -2.62 0.00	47.61 -2.64 -2.33	45.47 -2.54 -1.78	48.22 -2.70 0.00	58.46 -2.62 -0.04	80.87 -3.65 -12.97	102.67 -3.51 -40.05	78.19 -3.40 -20.84	58.95 -2.55 -2.07	53.45 -2.64 0.00	49.96 -2.63 0.00	49.00 -1.25 0.00
MCINTYRE_115KV_TB2 80467	40.63 0.95 0.00	39.16 1.03 0.00	38.12 0.93 0.00	37.42 0.81 0.00	36.15 0.85 0.00	37.95 0.93 0.00	44.07 1.24 0.00	50.63 1.47 0.00	54.21 1.58 0.00	55.53 1.35 0.00	54.50 1.48 0.00	53.25 1.45 0.00	51.78 1.36 0.00	49.11 1.20 0.00	47.43 1.20 0.00	52.40 1.48 0.00	62.44 1.40 0.00	73.12 1.57 0.00	67.25 1.12 0.00	61.85 1.09 0.00	60.51 1.07 0.00	57.60 1.51 0.00	54.37 1.79 0.00	51.96 1.71 0.00
MECO_____69_KV_BK1 80468	41.66 1.98 0.00	40.00 1.87 0.00	39.02 1.82 0.00	38.40 1.79 0.00	36.99 1.69 0.00	39.06 2.04 0.00	45.14 2.31 0.00	51.91 2.75 0.00	55.31 2.68 0.00	56.72 2.55 0.00	55.40 2.39 0.00	54.08 2.28 0.00	52.43 2.02 0.00	49.40 1.49 0.00	47.94 1.71 0.00	53.42 2.50 0.00	64.70 3.66 0.00	75.98 4.44 0.00	70.42 4.30 0.00	64.52 3.77 0.00	63.24 3.80 0.00	59.62 3.53 0.00	55.63 3.05 0.00	53.27 3.02 0.00
MENANDS___115KV_TB5 355628	41.15 1.47 0.00	39.50 1.37 0.00	38.57 1.38 0.00	37.93 1.32 0.00	36.57 1.27 0.00	38.43 1.41 0.00	44.20 1.37 0.00	50.28 1.13 0.00	53.84 1.21 0.00	55.37 1.19 0.00	54.13 1.11 0.00	52.84 1.04 0.00	51.47 1.06 0.00	49.02 1.10 0.00	47.25 1.02 0.00	51.99 1.07 0.00	62.32 1.28 0.00	72.98 1.43 0.00	67.65 1.52 0.00	62.09 1.34 0.00	60.98 1.55 0.00	57.49 1.40 0.00	53.79 1.21 0.00	51.36 1.11 0.00
MG INDUSTRY___DRP 24185	41.11 1.43 0.00	39.47 1.33 0.00	38.53 1.34 0.00	37.89 1.28 0.00	36.54 1.24 0.00	38.36 1.33 0.00	44.20 1.37 0.00	50.38 1.23 0.00	53.89 1.26 0.00	55.47 1.30 0.00	54.18 1.17 0.00	52.89 1.09 0.00	51.52 1.11 0.00	49.02 1.10 0.00	47.25 1.02 0.00	52.04 1.12 0.00	62.44 1.40 0.00	73.26 1.72 0.00	67.85 1.72 0.00	62.33 1.58 0.00	61.16 1.72 0.00	57.66 1.57 0.00	54.00 1.42 0.00	51.56 1.31 0.00

MID___OSWEGATCHIE_HYD 23849	39.84 0.16 0.00	38.32 0.19 0.00	37.38 0.19 0.00	36.68 0.07 0.00	35.44 0.14 0.00	37.24 0.22 0.00	43.17 0.34 0.00	49.69 0.54 0.00	53.31 0.68 0.00	54.66 0.49 0.00	53.65 0.64 0.00	52.52 0.73 0.00	51.02 0.60 0.00	48.35 0.43 0.00	46.69 0.46 0.00	51.53 0.61 0.00	61.03 0.00 0.00	71.55 0.00 0.00	65.80 -0.33 0.00	60.51 -0.24 0.00	59.08 -0.36 0.00	56.20 0.11 0.00	53.27 0.68 0.00	50.96 0.70 0.00
MID___RAQUETTE_HYD 23851	40.03 0.36 0.00	38.55 0.42 0.00	37.53 0.33 0.00	36.87 0.26 0.00	35.62 0.32 0.00	37.39 0.37 0.00	43.38 0.56 0.00	49.79 0.64 0.00	53.37 0.74 0.00	54.72 0.54 0.00	53.81 0.80 0.00	52.58 0.78 0.00	51.12 0.71 0.00	48.49 0.57 0.00	46.79 0.55 0.00	51.53 0.61 0.00	60.91 -0.12 0.00	71.40 -0.14 0.00	65.66 -0.46 0.00	60.39 -0.36 0.00	59.08 -0.36 0.00	56.48 0.39 0.00	53.48 0.89 0.00	51.11 0.85 0.00
MILLIKEN___1 23584	40.00 0.32 0.00	38.40 0.27 0.00	37.45 0.26 0.00	36.94 0.33 0.00	35.62 0.32 0.00	37.17 0.15 0.00	43.25 0.43 0.00	49.89 0.74 0.00	53.37 0.74 0.00	55.04 0.87 0.00	53.75 0.74 0.00	52.47 0.67 0.00	51.02 0.60 0.00	48.61 0.53 -0.17	46.96 0.60 -0.13	51.63 0.71 0.00	62.20 1.16 0.00	73.93 1.43 -0.95	70.24 1.19 -2.93	63.31 1.03 -1.52	60.60 1.01 -0.15	56.82 0.73 0.00	53.16 0.58 0.00	51.11 0.85 0.00
MILLIKEN___2 23585	40.00 0.32 0.00	38.40 0.27 0.00	37.45 0.26 0.00	36.94 0.33 0.00	35.62 0.32 0.00	37.17 0.15 0.00	43.25 0.43 0.00	49.89 0.74 0.00	53.37 0.74 0.00	55.04 0.87 0.00	53.75 0.74 0.00	52.47 0.67 0.00	51.02 0.60 0.00	48.61 0.53 -0.17	46.96 0.60 -0.13	51.63 0.71 0.00	62.20 1.16 0.00	73.93 1.43 -0.95	70.24 1.19 -2.93	63.31 1.03 -1.52	60.60 1.01 -0.15	56.82 0.73 0.00	53.16 0.58 0.00	51.11 0.85 0.00
MILLIKEN___DIESEL 23629	40.00 0.32 0.00	38.40 0.27 0.00	37.45 0.26 0.00	36.94 0.33 0.00	35.62 0.32 0.00	37.17 0.15 0.00	43.25 0.43 0.00	49.89 0.74 0.00	53.37 0.74 0.00	55.04 0.87 0.00	53.75 0.74 0.00	52.47 0.67 0.00	51.02 0.60 0.00	48.61 0.53 -0.17	46.96 0.60 -0.13	51.63 0.71 0.00	62.20 1.16 0.00	73.93 1.43 -0.95	70.24 1.19 -2.93	63.31 1.03 -1.52	60.60 1.01 -0.15	56.82 0.73 0.00	53.16 0.58 0.00	51.11 0.85 0.00
MILLSEAT___LFGE 323607	37.85 -1.82 0.00	36.46 -1.68 0.00	35.71 -1.49 0.00	35.22 -1.39 0.00	33.61 -1.69 0.00	34.28 -2.74 0.00	39.57 -3.26 0.00	45.42 -3.74 0.00	48.47 -4.16 0.00	50.44 -3.74 0.00	49.30 -3.71 0.00	48.07 -3.73 0.00	46.84 -3.58 0.00	44.33 -3.16 0.42	42.68 -3.24 0.32	47.31 -3.61 0.00	56.87 -4.15 0.01	65.59 -3.65 2.31	55.19 -3.90 7.04	53.45 -3.58 3.71	54.73 -4.34 0.37	51.82 -4.27 0.00	48.48 -4.10 0.00	48.44 -1.81 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.74 2.06 0.00	40.04 1.91 0.00	39.05 1.86 0.00	38.37 1.76 0.00	37.03 1.73 0.00	39.02 2.00 0.00	45.31 2.48 0.00	52.05 2.90 0.00	55.84 3.21 0.00	57.37 3.20 0.00	56.09 3.07 0.00	54.86 3.06 0.00	53.44 3.02 0.00	50.89 2.97 0.00	49.05 2.82 0.00	53.98 3.06 0.00	64.82 3.78 0.00	75.70 4.15 0.00	70.29 4.17 0.00	64.64 3.89 0.00	63.12 3.68 0.00	59.45 3.37 0.00	55.69 3.10 0.00	52.76 2.51 0.00
MILLWOOD_13_KV_LOAD 356217	41.82 2.14 0.00	40.11 1.98 0.00	39.13 1.93 0.00	38.44 1.83 0.00	37.10 1.80 0.00	39.10 2.07 0.00	45.40 2.57 0.00	52.20 3.05 0.00	55.95 3.32 0.00	57.53 3.36 0.00	56.25 3.23 0.00	54.96 3.16 0.00	53.54 3.13 0.00	51.03 3.11 0.00	49.19 2.96 0.00	54.08 3.16 0.00	65.00 3.97 0.00	75.91 4.36 0.00	70.49 4.36 0.00	64.76 4.01 0.00	63.30 3.86 0.00	59.57 3.48 0.00	55.79 3.21 0.00	52.86 2.61 0.00
MODEL_CITY_ENERGY 24167	36.78 -2.89 0.00	35.35 -2.78 0.00	34.70 -2.49 0.00	34.23 -2.38 0.00	32.58 -2.72 0.00	33.14 -3.89 0.00	38.07 -4.76 0.00	43.55 -5.60 0.00	46.37 -6.26 0.00	48.43 -5.74 0.00	47.29 -5.73 0.00	46.20 -5.60 0.00	44.97 -5.45 0.00	42.65 -4.74 0.52	40.89 -4.95 0.40	45.42 -5.50 0.00	54.37 -6.65 0.01	62.32 -6.37 2.86	51.17 -6.28 8.67	50.31 -5.83 4.61	52.26 -6.72 0.46	49.69 -6.40 0.00	46.59 -6.00 0.00	46.73 -3.52 0.00
MODERN_LFGE___ 323580	36.78 -2.89 0.00	35.35 -2.78 0.00	34.70 -2.49 0.00	34.23 -2.38 0.00	32.58 -2.72 0.00	33.14 -3.89 0.00	38.07 -4.76 0.00	43.55 -5.60 0.00	46.37 -6.26 0.00	48.43 -5.74 0.00	47.29 -5.73 0.00	46.20 -5.60 0.00	44.97 -5.45 0.00	42.65 -4.74 0.52	40.89 -4.95 0.40	45.42 -5.50 0.00	54.37 -6.65 0.01	62.32 -6.37 2.86	51.17 -6.28 8.67	50.31 -5.83 4.61	52.26 -6.72 0.46	49.69 -6.40 0.00	46.59 -6.00 0.00	46.73 -3.52 0.00
MOHAWK_PAPER___DRP 24187	41.23 1.55 0.00	39.58 1.45 0.00	38.65 1.45 0.00	38.00 1.39 0.00	36.64 1.34 0.00	38.50 1.48 0.00	44.32 1.50 0.00	50.53 1.38 0.00	54.10 1.47 0.00	55.69 1.52 0.00	54.39 1.38 0.00	53.15 1.35 0.00	51.78 1.36 0.00	49.26 1.34 0.00	47.48 1.25 0.00	52.25 1.32 0.00	62.68 1.65 0.00	73.48 1.93 0.00	68.04 1.92 0.00	62.45 1.70 0.00	61.40 1.96 0.00	57.83 1.74 0.00	54.11 1.52 0.00	51.66 1.41 0.00
MOHICAN___35_KV_115KV_LD 80490	41.70 2.02 0.00	40.08 1.94 0.00	39.09 1.90 0.00	38.48 1.87 0.00	37.06 1.76 0.00	39.06 2.04 0.00	45.05 2.23 0.00	51.66 2.51 0.00	55.21 2.58 0.00	56.94 2.76 0.00	55.77 2.76 0.00	54.49 2.69 0.00	52.94 2.52 0.00	50.12 2.20 0.00	48.31 2.08 0.00	53.26 2.34 0.00	64.21 3.17 0.00	75.27 3.72 0.00	69.70 3.57 0.00	63.91 3.16 0.00	62.76 3.33 0.00	59.17 3.08 0.00	55.37 2.79 0.00	52.97 2.71 0.00
MONGAUP___HYD 23641	41.74 2.06 0.00	40.00 1.87 0.00	38.91 1.71 0.00	38.29 1.68 0.00	36.96 1.66 0.00	38.87 1.85 0.00	45.22 2.40 0.00	51.85 2.70 0.00	55.36 2.74 0.00	56.77 2.60 0.00	55.34 2.33 0.00	54.03 2.23 0.00	52.63 2.22 0.00	50.12 2.21 0.00	48.36 2.13 0.00	53.31 2.39 0.00	64.33 3.29 0.00	75.55 4.00 0.00	70.03 3.90 0.00	64.34 3.58 0.00	62.94 3.51 0.00	59.28 3.20 0.00	55.47 2.89 0.00	52.66 2.41 0.00
MONTAUK___DIESEL 23721	44.84 5.16 0.00	42.56 4.42 0.00	41.25 4.05 0.00	40.31 3.70 0.00	38.79 3.49 0.00	41.35 4.33 0.00	48.65 5.82 0.00	55.99 6.83 0.00	60.21 7.58 0.00	61.94 7.75 -0.02	65.52 6.68 -5.83	64.21 6.37 -6.04	64.11 6.20 -7.49	62.25 6.09 -8.25	61.23 5.83 -9.17	64.54 6.47 -7.15	69.53 8.48 -0.02	81.42 9.87 0.00	75.60 9.46 -0.02	69.84 8.69 -0.40	67.77 8.32 -0.02	66.25 7.57 -2.59	60.69 7.10 -1.01	56.53 6.28 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.54 -3.13 0.00	34.97 -3.16 0.00	34.03 -3.16 0.00	34.01 -2.60 0.00	32.86 -2.44 0.00	34.51 -2.52 0.00	40.47 -2.36 0.00	46.06 -3.10 0.00	48.74 -3.89 0.00	49.03 -5.15 0.00	47.39 -5.62 0.00	46.26 -5.54 0.00	45.02 -5.39 0.00	42.33 -5.13 0.46	41.03 -4.85 0.35	45.32 -5.60 0.00	57.36 -3.66 0.01	63.12 -5.87 2.56	52.71 -5.55 7.86	51.30 -5.35 4.11	55.34 -3.68 0.41	52.22 -3.87 0.00	47.12 -5.47 0.00	46.78 -3.47 0.00

MORRIS_RIDGE___SOLAR 323848	37.66 -2.02 0.00	36.15 -1.98 0.00	35.45 -1.75 0.00	35.00 -1.61 0.00	33.57 -1.73 0.00	34.58 -2.44 0.00	40.13 -2.70 0.00	45.91 -3.25 0.00	48.74 -3.89 0.00	50.33 -3.85 0.00	49.09 -3.92 0.00	47.97 -3.83 0.00	46.63 -3.78 0.00	40.94 -3.64 3.33	40.17 -3.52 2.55	47.10 -3.82 0.00	56.94 -4.03 0.06	47.82 -5.15 18.58	3.82 -4.96 57.35	26.28 -4.62 29.85	52.49 -3.98 2.96	52.16 -3.93 0.00	48.80 -3.79 0.00	48.09 -2.16 0.00
MORTIMER_115KV_TB3 55949	38.25 -1.43 0.00	36.80 -1.33 0.00	35.74 -1.45 0.00	35.48 -1.13 0.00	34.03 -1.27 0.00	35.06 -1.96 0.00	40.56 -2.27 0.00	46.65 -2.51 0.00	49.95 -2.68 0.00	51.74 -2.44 0.00	50.68 -2.33 0.00	49.42 -2.38 0.00	48.15 -2.27 0.00	45.76 -2.16 0.00	44.24 -1.99 0.00	48.58 -2.34 0.00	58.47 -2.56 0.00	69.47 -2.07 0.00	63.76 -2.38 -0.01	58.63 -2.13 0.00	56.58 -2.85 0.00	53.28 -2.80 0.00	49.90 -2.68 0.00	48.84 -1.41 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.06 2.38 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.62 2.01 0.00	37.28 1.98 0.00	39.28 2.26 0.00	45.69 2.87 0.00	52.54 3.39 0.00	56.42 3.79 0.00	57.97 3.79 0.00	56.67 3.66 0.00	55.43 3.63 0.00	53.99 3.58 0.00	51.51 3.59 0.00	49.61 3.37 0.00	54.59 3.67 0.00	65.55 4.52 0.00	76.48 4.94 0.00	71.02 4.89 0.00	65.37 4.62 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.12 2.86 0.00
MUNSVILLE_WIND_PWR 323609	40.99 1.31 0.00	39.43 1.30 0.00	38.57 1.38 0.00	37.78 1.17 0.00	36.57 1.27 0.00	38.51 1.48 0.00	45.01 2.18 0.00	52.45 3.29 0.00	56.26 3.63 0.00	57.97 3.79 0.00	56.78 3.76 0.00	55.37 3.57 0.00	53.64 3.23 0.00	50.62 2.59 -0.12	49.10 2.77 -0.09	54.23 3.31 0.00	65.67 4.64 0.00	77.71 5.51 -0.66	72.78 4.63 -2.02	65.88 4.07 -1.05	63.58 4.04 -0.10	59.23 3.14 0.00	55.16 2.58 0.00	53.22 2.96 0.00
N SALMON___HYD 24042	39.80 0.12 0.00	38.36 0.23 0.00	37.31 0.11 0.00	36.65 0.04 0.00	35.41 0.11 0.00	37.10 0.07 0.00	43.25 0.43 0.00	49.54 0.39 0.00	53.21 0.58 0.00	54.56 0.38 0.00	53.75 0.74 0.00	52.52 0.72 0.00	51.02 0.61 0.00	48.44 0.53 0.00	46.69 0.46 0.00	51.63 0.71 0.00	61.47 0.43 0.00	72.12 0.57 0.00	66.19 0.07 0.00	60.87 0.12 0.00	59.55 0.12 0.00	56.54 0.45 0.00	53.32 0.74 0.00	50.81 0.55 0.00
N.AKRON___115KV_KNAPP 355671	37.85 -1.83 0.00	36.38 -1.75 0.00	35.22 -1.97 0.00	35.15 -1.46 0.00	33.57 -1.73 0.00	34.21 -2.81 0.00	39.49 -3.34 0.00	45.32 -3.83 0.00	48.37 -4.26 0.00	50.33 -3.85 0.00	49.25 -3.76 0.00	47.97 -3.83 0.00	46.73 -3.68 0.00	44.18 -3.31 0.43	42.71 -3.19 0.33	47.20 -3.72 0.00	56.88 -4.15 0.01	65.35 -3.79 2.40	54.77 -4.03 7.32	53.18 -3.71 3.87	54.53 -4.52 0.38	51.77 -4.32 0.00	48.59 -4.00 0.00	48.34 -1.91 0.00
N.E._GEN_SANDY PD 24062	81.80 1.67 -40.46	80.43 1.60 -40.70	71.29 1.53 -32.57	66.47 1.54 -28.32	70.69 1.48 -33.91	82.39 1.63 -43.74	87.48 1.84 -42.81	100.63 2.02 -49.46	90.00 2.21 -35.16	82.95 2.22 -26.55	78.12 2.07 -23.04	80.43 2.02 -26.61	76.34 1.96 -23.96	77.78 1.97 -27.90	77.96 1.85 -29.88	85.03 1.98 -32.12	112.19 2.50 -48.65	114.27 2.79 -39.94	106.97 2.78 -38.07	98.51 2.55 -35.21	70.81 2.85 -8.52	71.05 2.58 -12.38	65.60 2.37 -10.65	65.00 1.96 -12.79
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.70 2.02 0.00	39.96 1.83 0.00	38.98 1.79 0.00	38.29 1.68 0.00	36.96 1.66 0.00	38.95 1.93 0.00	45.27 2.44 0.00	51.95 2.80 0.00	55.63 3.00 0.00	57.15 2.98 0.00	55.87 2.86 0.00	54.65 2.85 0.00	53.24 2.82 0.00	50.74 2.83 0.00	48.91 2.68 0.00	53.77 2.85 0.00	64.58 3.54 0.00	75.48 3.94 0.00	70.09 3.97 0.00	64.46 3.71 0.00	63.00 3.57 0.00	59.29 3.20 0.00	55.53 2.94 0.00	52.61 2.36 0.00
N.QUEENS_27_KV_LOAD 356247	42.38 2.70 0.00	40.57 2.44 0.00	39.57 2.38 0.00	38.88 2.27 0.00	37.49 2.19 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.84 3.69 0.00	56.74 4.11 -0.01	58.30 4.12 -0.01	56.89 3.87 -0.01	55.64 3.83 -0.01	54.20 3.78 -0.01	51.80 3.88 0.00	49.75 3.51 0.00	54.79 3.87 0.00	65.78 4.76 0.02	76.77 5.22 0.00	71.27 5.16 0.02	65.55 4.80 0.00	63.95 4.52 0.00	60.24 4.15 0.00	56.32 3.73 0.00	53.32 3.07 0.00
N.TROY___115KV_TB1 355778	41.23 1.55 0.00	39.62 1.49 0.00	38.65 1.45 0.00	38.04 1.43 0.00	36.68 1.38 0.00	38.54 1.52 0.00	44.54 1.71 0.00	50.97 1.82 0.00	54.52 1.89 0.00	56.12 1.95 0.00	54.87 1.86 0.00	53.61 1.81 0.00	52.13 1.71 0.00	49.54 1.63 0.00	47.80 1.57 0.00	52.65 1.73 0.00	63.17 2.14 0.00	74.05 2.50 0.00	68.57 2.45 0.00	63.00 2.25 0.00	61.93 2.50 0.00	58.33 2.24 0.00	54.64 2.05 0.00	52.11 1.86 0.00
NARROWS_GT1_1 24228	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT1_2 24229	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT1_3 24230	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT1_4 24231	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT1_5 24232	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01

NARROWS_GT1_6 24233	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT1_7 24234	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT1_8 24235	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT2_1 24236	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT2_2 24237	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT2_3 24238	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT2_4 24239	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT2_5 24240	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT2_6 24241	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT2_7 24242	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NARROWS_GT2_8 24243	42.34 2.66 -0.01	40.62 2.48 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.55 2.52 -0.01	46.00 3.17 -0.01	52.95 3.79 -0.01	58.36 4.47 -1.26	60.30 4.55 -1.57	59.42 4.40 -2.01	58.27 4.35 -2.12	55.05 3.98 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.95 4.02 -0.01	66.23 5.19 -0.01	77.27 5.73 0.00	71.69 5.56 -0.01	65.99 5.23 -0.01	64.43 4.99 0.00	60.70 4.60 -0.01	56.80 4.21 -0.01	53.72 3.46 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.86 2.18 0.00	40.15 2.02 0.00	39.13 1.93 0.00	38.48 1.87 0.00	37.14 1.84 0.00	38.99 1.96 0.00	44.97 2.14 0.00	51.17 2.02 0.00	54.58 1.95 0.00	55.96 1.79 0.00	54.60 1.59 0.00	53.15 1.35 0.00	51.83 1.41 0.00	49.26 1.34 0.00	47.53 1.29 0.00	52.50 1.58 0.00	63.23 2.20 0.00	74.55 3.00 0.00	69.04 2.91 0.00	63.30 2.55 0.00	62.17 2.73 0.00	58.56 2.47 0.00	54.79 2.21 0.00	52.36 2.11 0.00
NCHELSEA_115KV_TR2 355582	41.90 2.22 0.00	40.19 2.06 0.00	39.20 2.01 0.00	38.51 1.90 0.00	37.17 1.87 0.00	39.13 2.11 0.00	45.44 2.61 0.00	52.20 3.05 0.00	55.89 3.26 0.00	57.43 3.25 0.00	56.09 3.07 0.00	54.75 2.95 0.00	53.34 2.92 0.00	50.79 2.87 0.00	48.96 2.73 0.00	53.87 2.95 0.00	64.82 3.78 0.00	75.91 4.36 0.00	70.42 4.30 0.00	64.70 3.95 0.00	63.30 3.86 0.00	59.62 3.53 0.00	55.79 3.21 0.00	52.91 2.66 0.00
NEG CAPITAL___MECHNVIL 23645	41.66 1.98 0.00	40.00 1.87 0.00	39.02 1.82 0.00	38.40 1.79 0.00	37.03 1.73 0.00	38.95 1.92 0.00	44.97 2.14 0.00	51.56 2.41 0.00	55.10 2.47 0.00	56.83 2.65 0.00	55.61 2.60 0.00	54.34 2.54 0.00	52.83 2.42 0.00	50.12 2.21 0.00	48.31 2.08 0.00	53.26 2.34 0.00	64.15 3.11 0.00	75.12 3.58 0.00	69.56 3.44 0.00	63.85 3.10 0.00	62.70 3.27 0.00	59.12 3.03 0.00	55.32 2.73 0.00	52.81 2.56 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.73 -1.94 0.00	36.34 -1.79 0.00	35.56 -1.64 0.00	35.04 -1.57 0.00	33.61 -1.69 0.00	34.73 -2.30 0.00	40.26 -2.57 0.00	46.35 -2.80 0.00	49.63 -3.00 0.00	51.36 -2.82 0.00	50.36 -2.65 0.00	49.16 -2.64 0.00	47.90 -2.52 0.00	45.42 -2.49 0.00	43.88 -2.36 0.00	48.27 -2.65 0.00	57.98 -3.05 0.00	68.83 -2.72 0.00	63.22 -2.91 0.00	58.08 -2.67 0.00	56.17 -3.27 0.00	52.89 -3.19 0.00	49.43 -3.15 0.00	48.29 -1.96 0.00

NEG CENTRAL___DRP 24199	39.20 -0.48 0.00	37.64 -0.50 0.00	36.71 -0.48 0.00	36.28 -0.33 0.00	34.91 -0.39 0.00	36.36 -0.67 0.00	42.27 -0.56 0.00	48.66 -0.49 0.00	52.00 -0.63 0.00	53.69 -0.49 0.00	52.43 -0.58 0.00	51.18 -0.62 0.00	49.81 -0.60 0.00	47.51 -0.62 -0.22	45.85 -0.55 -0.17	50.31 -0.61 0.00	60.49 -0.55 0.00	72.15 -0.64 -1.24	69.17 -0.79 -3.84	61.96 -0.79 -2.00	58.98 -0.65 -0.20	55.36 -0.73 0.00	51.90 -0.68 0.00	50.10 -0.15 0.00
NEG CENTRAL___INDECK 23768	39.44 -0.24 0.00	37.98 -0.15 0.00	37.16 -0.04 0.00	36.65 0.04 0.00	35.19 -0.11 0.00	36.24 -0.78 0.00	42.23 -0.60 0.00	48.71 -0.44 0.00	51.94 -0.69 0.00	53.58 -0.59 0.00	52.32 -0.69 0.00	50.97 -0.83 0.00	49.61 -0.81 0.00	49.44 -0.86 -2.39	47.27 -0.79 -1.83	50.26 -0.66 0.00	61.02 -0.06 -0.05	85.52 0.64 -13.33	107.41 0.13 -41.16	82.29 0.12 -21.41	61.38 -0.18 -2.12	55.58 -0.51 0.00	51.85 -0.74 0.00	50.95 0.70 0.00
NEG CENTRAL___SENECA 23627	39.20 -0.48 0.00	37.67 -0.46 0.00	36.67 -0.52 0.00	36.32 -0.29 0.00	34.91 -0.39 0.00	36.25 -0.78 0.00	42.23 -0.60 0.00	48.61 -0.54 0.00	51.89 -0.74 0.00	53.63 -0.54 0.00	52.38 -0.64 0.00	51.07 -0.73 0.00	49.71 -0.71 0.00	47.55 -0.72 -0.35	45.90 -0.60 -0.27	50.26 -0.66 0.00	60.37 -0.67 -0.01	72.59 -0.93 -1.98	71.17 -1.06 -6.10	62.89 -1.03 -3.18	58.98 -0.77 -0.31	55.25 -0.84 0.00	51.85 -0.74 0.00	50.25 0.00 0.00
NEG CENTRAL___STATE_STREET 24147	39.36 -0.32 0.00	37.79 -0.34 0.00	36.86 -0.33 0.00	36.39 -0.22 0.00	35.05 -0.25 0.00	36.58 -0.44 0.00	42.53 -0.30 0.00	49.01 -0.15 0.00	52.42 -0.21 0.00	54.07 -0.11 0.00	52.91 -0.11 0.00	51.64 -0.16 0.00	50.26 -0.15 0.00	47.72 -0.19 0.00	46.05 -0.18 0.00	50.77 -0.15 0.00	61.10 0.06 0.00	71.76 0.21 0.00	66.19 0.07 0.00	60.75 0.00 0.00	59.38 -0.06 0.00	55.86 -0.22 0.00	52.27 -0.32 0.00	50.25 0.00 0.00
NEG MILLWOOD___DRP 24198	42.10 2.42 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.70 2.09 0.00	37.35 2.05 0.00	39.36 2.33 0.00	45.69 2.87 0.00	52.54 3.39 0.00	56.37 3.74 0.00	57.91 3.74 0.00	56.62 3.60 0.00	55.32 3.52 0.00	53.89 3.48 0.00	51.27 3.35 0.00	49.42 3.19 0.00	54.38 3.46 0.00	65.37 4.33 0.00	76.48 4.94 0.00	71.02 4.89 0.00	65.19 4.43 0.00	63.71 4.28 0.00	59.96 3.87 0.00	56.16 3.58 0.00	53.22 2.96 0.00
NEG NORTH_FLCN_SEA 23793	39.44 -0.24 0.00	37.98 -0.15 0.00	36.93 -0.26 0.00	36.28 -0.33 0.00	35.02 -0.28 0.00	36.69 -0.33 0.00	42.65 -0.17 0.00	48.81 -0.34 0.00	52.42 -0.21 0.00	53.85 -0.33 0.00	53.01 0.00 0.00	51.80 0.00 0.00	50.36 -0.05 0.00	47.82 -0.10 0.00	46.19 -0.05 0.00	51.02 0.10 0.00	60.91 -0.12 0.00	71.40 -0.14 0.00	65.66 -0.46 0.00	60.45 -0.30 0.00	59.14 -0.30 0.00	55.98 -0.11 0.00	52.69 0.11 0.00	50.15 -0.10 0.00
NEG NORTH_KES_CHATEGAY 23792	39.12 -0.56 0.00	37.67 -0.46 0.00	36.64 -0.56 0.00	35.99 -0.62 0.00	34.74 -0.56 0.00	36.43 -0.59 0.00	42.31 -0.51 0.00	48.42 -0.74 0.00	52.00 -0.63 0.00	53.42 -0.76 0.00	52.54 -0.48 0.00	51.28 -0.52 0.00	49.86 -0.55 0.00	47.34 -0.57 0.00	45.72 -0.51 0.00	50.56 -0.36 0.00	60.36 -0.67 0.00	70.76 -0.79 0.00	65.00 -1.12 0.00	59.84 -0.91 0.00	58.54 -0.89 0.00	55.42 -0.67 0.00	52.11 -0.47 0.00	49.60 -0.65 0.00
NEG NORTH___ALICE_FALLS 23915	39.96 0.28 0.00	38.55 0.42 0.00	37.42 0.22 0.00	36.76 0.15 0.00	35.55 0.25 0.00	37.24 0.22 0.00	43.51 0.69 0.00	49.74 0.59 0.00	53.47 0.84 0.00	54.77 0.60 0.00	53.97 0.95 0.00	52.68 0.88 0.00	51.17 0.76 0.00	48.59 0.67 0.00	46.93 0.69 0.00	51.99 1.07 0.00	62.13 1.10 0.00	72.98 1.43 0.00	66.06 -0.07 0.00	60.75 0.00 0.00	59.44 0.00 0.00	56.31 0.22 0.00	53.01 0.42 0.00	50.45 0.20 0.00
NEG NORTH___LWR_SARANAC 23913	39.96 0.28 0.00	38.55 0.42 0.00	37.42 0.22 0.00	36.76 0.15 0.00	35.55 0.25 0.00	37.24 0.22 0.00	43.51 0.69 0.00	49.74 0.59 0.00	53.47 0.84 0.00	54.77 0.60 0.00	53.97 0.95 0.00	52.68 0.88 0.00	51.17 0.76 0.00	48.59 0.67 0.00	46.93 0.69 0.00	51.99 1.07 0.00	62.13 1.10 0.00	72.98 1.43 0.00	66.06 -0.07 0.00	60.75 0.00 0.00	59.44 0.00 0.00	56.31 0.22 0.00	53.01 0.42 0.00	50.45 0.20 0.00
NEG NORTH___PLATTSBURG 23628	39.96 0.28 0.00	38.55 0.42 0.00	37.42 0.22 0.00	36.76 0.15 0.00	35.55 0.25 0.00	37.25 0.22 0.00	43.51 0.68 0.00	49.74 0.59 0.00	53.47 0.84 0.00	54.77 0.60 0.00	53.97 0.96 0.00	52.68 0.88 0.00	51.17 0.76 0.00	48.59 0.67 0.00	46.93 0.69 0.00	51.99 1.07 0.00	62.13 1.10 0.00	72.98 1.43 0.00	66.06 -0.07 0.00	60.75 0.00 0.00	59.44 0.00 0.00	56.31 0.23 0.00	53.00 0.42 0.00	50.45 0.20 0.00
NEG WEST_LEA_LOCKPORT 23791	37.22 -2.46 0.00	35.69 -2.44 0.00	34.55 -2.64 0.00	34.52 -2.09 0.00	32.90 -2.40 0.00	33.51 -3.52 0.00	38.50 -4.33 0.00	44.09 -5.06 0.00	47.00 -5.63 0.00	49.03 -5.15 0.00	47.87 -5.14 0.00	46.72 -5.08 0.00	45.47 -4.94 0.00	42.93 -4.46 0.53	41.53 -4.30 0.41	45.93 -4.99 0.00	55.23 -5.80 0.01	62.65 -5.94 2.96	51.20 -5.89 9.04	50.52 -5.47 4.76	52.90 -6.06 0.47	50.37 -5.72 0.00	47.38 -5.21 0.00	47.24 -3.02 0.00
NEG WEST___LANCASTER 23811	38.77 -0.91 0.00	37.14 -0.99 0.00	36.04 -1.15 0.00	35.95 -0.66 0.00	34.35 -0.95 0.00	35.25 -1.78 0.00	40.86 -1.97 0.00	46.55 -2.61 0.00	49.42 -3.21 0.00	51.36 -2.82 0.00	50.10 -2.92 0.00	48.95 -2.85 0.00	47.64 -2.77 0.00	44.85 -2.54 0.53	43.43 -2.40 0.40	48.07 -2.85 0.00	58.28 -2.75 0.01	61.18 -7.44 2.92	49.94 -7.21 8.98	49.31 -6.74 4.70	56.00 -2.97 0.47	53.17 -2.92 0.00	49.85 -2.73 0.00	49.35 -0.90 0.00
NEG_PENN_ALLEGHNY 23528	39.68 0.00 0.00	38.09 -0.04 0.00	37.23 0.04 0.00	36.68 0.07 0.00	35.26 -0.04 0.00	36.80 -0.22 0.00	42.78 -0.04 0.00	49.45 0.30 0.00	52.79 0.16 0.00	54.50 0.33 0.00	53.23 0.21 0.00	52.06 0.26 0.00	50.67 0.25 0.00	48.11 0.19 0.00	46.46 0.23 0.00	51.18 0.26 0.00	61.28 0.25 0.00	71.40 -0.14 0.00	65.99 -0.13 0.00	60.57 -0.18 0.00	59.55 0.12 0.00	56.03 -0.06 0.00	52.43 -0.16 0.00	50.50 0.25 0.00
NEG___GEN_MONROE 24207	38.25 -1.43 0.00	36.84 -1.30 0.00	35.74 -1.45 0.00	35.51 -1.10 0.00	34.03 -1.27 0.00	35.02 -2.00 0.00	40.47 -2.36 0.00	46.45 -2.70 0.00	49.63 -3.00 0.00	51.41 -2.76 0.00	50.20 -2.81 0.00	48.95 -2.85 0.00	47.74 -2.67 0.00	45.38 -2.54 0.00	43.87 -2.36 0.00	48.12 -2.80 0.00	57.92 -3.11 0.00	68.83 -2.72 0.00	63.24 -2.91 -0.02	58.08 -2.67 0.00	55.93 -3.51 0.00	52.72 -3.37 0.00	49.48 -3.10 0.00	48.59 -1.66 0.00
NEPA___ENERGY 23901	38.05 -1.63 0.00	36.45 -1.68 0.00	35.41 -1.79 0.00	35.29 -1.32 0.00	33.75 -1.55 0.00	34.73 -2.30 0.00	40.56 -2.27 0.00	46.15 -3.00 0.00	48.89 -3.74 0.00	50.49 -3.68 0.00	49.14 -3.87 0.00	48.02 -3.78 0.00	46.79 -3.63 0.00	44.01 -3.35 0.55	42.62 -3.19 0.42	47.20 -3.72 0.00	57.79 -3.23 0.01	63.46 -5.01 3.07	51.83 -4.83 9.47	51.19 -4.62 4.94	55.62 -3.33 0.49	52.67 -3.42 0.00	49.06 -3.52 0.00	48.39 -1.86 0.00

NEVERSINK___HYD 23608	41.78 2.10 0.00	40.00 1.87 0.00	38.94 1.75 0.00	38.29 1.68 0.00	36.99 1.69 0.00	38.95 1.92 0.00	45.35 2.53 0.00	52.10 2.95 0.00	55.73 3.10 0.00	57.21 3.03 0.00	55.82 2.81 0.00	54.44 2.64 0.00	53.03 2.62 0.00	50.50 2.59 0.00	48.68 2.45 0.00	53.62 2.70 0.00	64.70 3.66 0.00	75.91 4.36 0.00	70.29 4.17 0.00	64.64 3.89 0.00	63.18 3.75 0.00	59.51 3.42 0.00	55.69 3.10 0.00	52.86 2.61 0.00
NEWKRMKL_115KV_TB1 55635	41.11 1.43 0.00	39.50 1.37 0.00	38.53 1.34 0.00	37.93 1.32 0.00	36.54 1.24 0.00	38.43 1.41 0.00	44.07 1.24 0.00	50.04 0.88 0.00	53.58 0.95 0.00	55.10 0.92 0.00	53.86 0.85 0.00	52.58 0.78 0.00	51.22 0.81 0.00	48.83 0.91 0.00	47.06 0.83 0.00	51.74 0.81 0.00	61.95 0.92 0.00	72.62 1.07 0.00	67.25 1.12 0.00	61.78 1.03 0.00	60.62 1.19 0.00	57.15 1.07 0.00	53.48 0.89 0.00	51.06 0.80 0.00
NEWTON___FALLS_HYD 23847	39.84 0.16 0.00	38.32 0.19 0.00	37.38 0.19 0.00	36.68 0.07 0.00	35.44 0.14 0.00	37.24 0.22 0.00	43.17 0.34 0.00	49.69 0.54 0.00	53.31 0.68 0.00	54.66 0.49 0.00	53.65 0.64 0.00	52.52 0.73 0.00	51.02 0.60 0.00	48.35 0.43 0.00	46.69 0.46 0.00	51.53 0.61 0.00	61.03 0.00 0.00	71.55 0.00 0.00	65.80 -0.33 0.00	60.51 -0.24 0.00	59.08 -0.36 0.00	56.20 0.11 0.00	53.27 0.68 0.00	50.96 0.70 0.00
NGRID_A1_DSASP 323792	37.10 -2.58 0.00	35.58 -2.55 0.00	34.48 -2.72 0.00	34.45 -2.16 0.00	32.79 -2.51 0.00	32.99 -4.04 0.00	37.86 -4.97 0.00	43.30 -5.85 0.00	46.10 -6.53 0.00	48.22 -5.96 0.00	47.07 -5.94 0.00	45.95 -5.85 0.00	44.77 -5.65 0.00	42.64 -4.74 0.54	40.88 -4.95 0.41	45.22 -5.70 0.00	54.19 -6.84 0.01	61.84 -6.73 2.98	50.30 -6.61 9.21	49.82 -6.14 4.79	52.13 -6.84 0.48	49.53 -6.56 0.00	46.59 -5.99 0.00	46.68 -3.57 0.00
NGRID_A2_DSASP 323793	37.10 -2.58 0.00	35.58 -2.55 0.00	34.48 -2.72 0.00	34.45 -2.16 0.00	32.79 -2.51 0.00	32.99 -4.04 0.00	37.86 -4.97 0.00	43.30 -5.85 0.00	46.10 -6.53 0.00	48.22 -5.96 0.00	47.07 -5.94 0.00	45.95 -5.85 0.00	44.77 -5.65 0.00	42.64 -4.74 0.54	40.88 -4.95 0.41	45.22 -5.70 0.00	54.19 -6.84 0.01	61.84 -6.73 2.98	50.30 -6.61 9.21	49.82 -6.14 4.79	52.13 -6.84 0.48	49.53 -6.56 0.00	46.59 -5.99 0.00	46.68 -3.57 0.00
NGRID_A4_DSASP 323807	37.10 -2.58 0.00	35.58 -2.55 0.00	34.48 -2.72 0.00	34.45 -2.16 0.00	32.79 -2.51 0.00	32.99 -4.04 0.00	37.86 -4.97 0.00	43.30 -5.85 0.00	46.10 -6.53 0.00	48.22 -5.96 0.00	47.07 -5.94 0.00	45.95 -5.85 0.00	44.77 -5.65 0.00	42.64 -4.74 0.54	40.88 -4.95 0.41	45.22 -5.70 0.00	54.19 -6.84 0.01	61.84 -6.73 2.98	50.30 -6.61 9.21	49.82 -6.14 4.79	52.13 -6.84 0.48	49.53 -6.56 0.00	46.59 -5.99 0.00	46.68 -3.57 0.00
NIAGARA_115E_LBMP 323715	36.58 -3.09 0.00	35.12 -3.01 0.00	34.48 -2.71 0.00	34.01 -2.60 0.00	32.37 -2.93 0.00	32.91 -4.11 0.00	37.77 -5.05 0.00	43.20 -5.95 0.00	46.05 -6.58 0.00	48.05 -6.12 0.00	46.97 -6.04 0.00	45.84 -5.96 0.00	44.67 -5.75 0.00	42.40 -4.98 0.53	40.60 -5.22 0.40	45.11 -5.81 0.00	53.95 -7.08 0.01	61.97 -6.65 2.92	50.74 -6.55 8.84	49.96 -6.07 4.72	51.83 -7.13 0.47	49.30 -6.79 0.00	46.27 -6.31 0.00	46.43 -3.82 0.00
NIAGARA_115W_LBMP 323714	37.02 -2.66 0.00	35.54 -2.59 0.00	34.92 -2.27 0.00	34.45 -2.16 0.00	32.76 -2.54 0.00	32.95 -4.07 0.00	37.77 -5.05 0.00	43.20 -5.95 0.00	46.00 -6.63 0.00	48.11 -6.07 0.00	46.97 -6.04 0.00	45.89 -5.91 0.00	44.67 -5.75 0.00	42.54 -4.84 0.53	40.65 -5.18 0.41	45.11 -5.81 0.00	53.95 -7.08 0.01	61.71 -6.87 2.97	50.28 -6.68 9.17	49.73 -6.26 4.77	52.01 -6.95 0.47	49.30 -6.79 0.00	46.27 -6.31 0.00	46.63 -3.62 0.00
NIAGARA_230_LBMP 323716	37.06 -2.62 0.00	35.61 -2.52 0.00	34.96 -2.23 0.00	34.49 -2.12 0.00	32.83 -2.47 0.00	33.36 -3.67 0.00	38.28 -4.54 0.00	43.80 -5.36 0.00	46.63 -6.00 0.00	48.71 -5.47 0.00	47.55 -5.46 0.00	46.47 -5.33 0.00	45.22 -5.19 0.00	42.61 -4.79 0.51	41.18 -4.67 0.39	45.73 -5.19 0.00	54.68 -6.35 0.01	61.90 -6.80 2.85	50.63 -6.68 8.82	49.98 -6.20 4.57	52.56 -6.42 0.45	49.98 -6.11 0.00	46.85 -5.73 0.00	46.99 -3.27 0.00
NIAGARA___115KV_198_GIBSON 55903	37.06 -2.62 0.00	35.54 -2.59 0.00	34.44 -2.75 0.00	34.41 -2.20 0.00	32.76 -2.54 0.00	32.95 -4.07 0.00	37.77 -5.05 0.00	43.21 -5.95 0.00	46.05 -6.58 0.00	48.11 -6.07 0.00	47.02 -5.99 0.00	45.84 -5.96 0.00	44.67 -5.75 0.00	42.59 -4.79 0.53	40.83 -4.99 0.41	45.12 -5.81 0.00	54.13 -6.90 0.01	61.78 -6.80 2.97	50.27 -6.68 9.17	49.78 -6.20 4.77	52.01 -6.95 0.47	49.41 -6.67 0.00	46.48 -6.10 0.00	46.63 -3.62 0.00
NIAGARA___ 23760	37.06 -2.62 0.00	35.61 -2.52 0.00	34.96 -2.23 0.00	34.49 -2.12 0.00	32.83 -2.47 0.00	33.36 -3.67 0.00	38.28 -4.54 0.00	43.80 -5.36 0.00	46.63 -6.00 0.00	48.71 -5.47 0.00	47.55 -5.46 0.00	46.47 -5.33 0.00	45.22 -5.19 0.00	42.61 -4.79 0.51	41.17 -4.67 0.40	45.73 -5.19 0.00	54.68 -6.35 0.01	61.90 -6.80 2.85	50.63 -6.68 8.82	49.98 -6.20 4.57	52.56 -6.42 0.46	49.98 -6.11 0.00	46.85 -5.73 0.00	46.99 -3.27 0.00
NINE_MILE_1 23575	38.17 -1.51 0.00	36.68 -1.45 0.00	35.86 -1.34 0.00	35.29 -1.32 0.00	34.03 -1.27 0.00	35.54 -1.48 0.00	41.11 -1.71 0.00	47.29 -1.87 0.00	50.58 -2.05 0.00	52.12 -2.06 0.00	51.00 -2.01 0.00	49.83 -1.97 0.00	48.50 -1.92 0.00	46.09 -1.82 0.00	44.48 -1.76 0.00	48.99 -1.93 0.00	58.72 -2.32 0.00	68.90 -2.65 0.00	63.68 -2.45 0.00	58.44 -2.31 0.00	57.06 -2.38 0.00	53.84 -2.25 0.00	50.43 -2.16 0.00	48.39 -1.86 0.00
NINE_MILE_2 23744	38.17 -1.51 0.00	36.68 -1.45 0.00	35.86 -1.34 0.00	35.29 -1.32 0.00	34.03 -1.27 0.00	35.54 -1.48 0.00	41.11 -1.71 0.00	47.29 -1.87 0.00	50.58 -2.05 0.00	52.12 -2.06 0.00	51.00 -2.01 0.00	49.83 -1.97 0.00	48.50 -1.92 0.00	46.09 -1.82 0.00	44.48 -1.76 0.00	48.99 -1.93 0.00	58.72 -2.32 0.00	68.97 -2.57 0.00	63.68 -2.45 0.00	58.44 -2.31 0.00	57.06 -2.38 0.00	53.84 -2.25 0.00	50.43 -2.16 0.00	48.39 -1.86 0.00
NM_CAPITAL___DRP 24208	41.07 1.39 0.00	39.47 1.33 0.00	38.50 1.30 0.00	37.89 1.28 0.00	36.54 1.24 0.00	38.39 1.37 0.00	44.11 1.28 0.00	50.19 1.03 0.00	53.74 1.11 0.00	55.26 1.08 0.00	54.02 1.01 0.00	52.73 0.93 0.00	51.37 0.96 0.00	48.92 1.01 0.00	47.16 0.92 0.00	51.89 0.97 0.00	62.13 1.10 0.00	72.83 1.29 0.00	67.45 1.32 0.00	61.97 1.22 0.00	60.86 1.43 0.00	57.32 1.23 0.00	53.69 1.10 0.00	51.21 0.95 0.00
NM_CENTRAL___DRP 24181	38.92 -0.75 0.00	37.41 -0.72 0.00	36.52 -0.67 0.00	35.99 -0.62 0.00	34.70 -0.60 0.00	36.25 -0.78 0.00	42.01 -0.81 0.00	48.37 -0.79 0.00	51.74 -0.89 0.00	53.36 -0.81 0.00	52.22 -0.80 0.00	51.02 -0.78 0.00	49.66 -0.76 0.00	47.20 -0.72 0.00	45.54 -0.69 0.00	50.11 -0.81 0.00	60.12 -0.92 0.00	70.55 -1.00 0.00	65.13 -0.99 0.00	59.78 -0.97 0.00	58.37 -1.07 0.00	55.02 -1.07 0.00	51.59 -1.00 0.00	49.50 -0.75 0.00

NM_FRONTIER___DRP 24179	37.06 -2.62 0.00	35.54 -2.59 0.00	34.44 -2.75 0.00	34.41 -2.20 0.00	32.76 -2.54 0.00	32.95 -4.07 0.00	37.77 -5.05 0.00	43.21 -5.95 0.00	46.05 -6.58 0.00	48.11 -6.07 0.00	47.02 -5.99 0.00	45.84 -5.96 0.00	44.67 -5.75 0.00	42.59 -4.79 0.53	40.83 -4.99 0.41	45.12 -5.81 0.00	54.13 -6.90 0.01	61.78 -6.80 2.97	50.27 -6.68 9.17	49.78 -6.20 4.77	52.01 -6.95 0.47	49.41 -6.67 0.00	46.48 -6.10 0.00	46.63 -3.62 0.00
NM_ST_REGIS___HYD 24053	39.96 0.28 0.00	38.51 0.38 0.00	37.49 0.30 0.00	36.79 0.18 0.00	35.58 0.28 0.00	37.32 0.30 0.00	43.38 0.56 0.00	49.69 0.54 0.00	53.37 0.74 0.00	54.72 0.54 0.00	53.81 0.80 0.00	52.58 0.78 0.00	51.12 0.71 0.00	48.49 0.57 0.00	46.79 0.55 0.00	51.58 0.66 0.00	61.10 0.06 0.00	71.62 0.07 0.00	65.80 -0.33 0.00	60.51 -0.24 0.00	59.20 -0.24 0.00	56.54 0.45 0.00	53.48 0.89 0.00	51.01 0.75 0.00
NORTHPORT___1 23551	43.10 3.41 -0.01	40.99 2.86 0.00	39.72 2.53 0.00	38.96 2.35 0.00	37.53 2.23 0.00	39.87 2.85 0.00	46.82 3.98 -0.01	53.83 4.67 -0.01	57.74 5.10 -0.01	59.34 5.15 -0.02	63.24 4.40 -5.83	62.24 4.40 -6.04	62.24 4.34 -7.49	60.48 4.31 -8.25	59.57 4.16 -9.17	62.50 4.43 -7.15	66.42 5.37 -0.02	77.42 5.87 -0.01	71.83 5.69 -0.02	66.43 5.28 -0.40	64.62 5.17 -0.02	63.50 4.82 -2.59	58.32 4.73 -1.01	54.38 4.12 -0.01
NORTHPORT___2 23552	43.10 3.41 -0.01	40.99 2.86 0.00	39.72 2.53 0.00	38.96 2.35 0.00	37.53 2.23 0.00	39.87 2.85 0.00	46.82 3.98 -0.01	53.83 4.67 -0.01	57.74 5.10 -0.01	59.34 5.15 -0.02	63.24 4.40 -5.83	62.24 4.40 -6.04	62.24 4.34 -7.49	60.48 4.31 -8.25	59.57 4.16 -9.17	62.50 4.43 -7.15	66.42 5.37 -0.02	77.42 5.87 -0.01	71.83 5.69 -0.02	66.43 5.28 -0.40	64.62 5.17 -0.02	63.50 4.82 -2.59	58.32 4.73 -1.01	54.38 4.12 -0.01
NORTHPORT___3 23553	43.02 3.33 -0.01	40.95 2.82 0.00	39.69 2.49 0.00	38.92 2.31 0.00	37.49 2.19 0.00	39.84 2.81 0.00	46.77 3.94 -0.01	53.78 4.62 -0.01	57.69 5.05 -0.01	59.23 5.04 -0.02	63.19 4.35 -5.83	62.19 4.35 -6.04	62.19 4.28 -7.49	60.43 4.26 -8.25	59.52 4.11 -9.17	62.45 4.38 -7.15	66.30 5.25 -0.02	77.35 5.79 -0.01	71.70 5.56 -0.02	66.31 5.16 -0.40	64.56 5.11 -0.02	63.44 4.76 -2.59	58.27 4.68 -1.01	54.33 4.07 -0.01
NORTHPORT___4 23650	43.02 3.33 -0.01	40.95 2.82 0.00	39.69 2.49 0.00	38.92 2.31 0.00	37.49 2.19 0.00	39.84 2.81 0.00	46.77 3.94 -0.01	53.78 4.62 -0.01	57.69 5.05 -0.01	59.23 5.04 -0.02	63.19 4.35 -5.83	62.19 4.35 -6.04	62.19 4.28 -7.49	60.43 4.26 -8.25	59.52 4.11 -9.17	62.45 4.38 -7.15	66.30 5.25 -0.02	77.35 5.79 -0.01	71.70 5.56 -0.02	66.31 5.16 -0.40	64.56 5.11 -0.02	63.44 4.76 -2.59	58.27 4.68 -1.01	54.33 4.07 -0.01
NORTHPORT___IC 23718	43.09 3.41 0.00	40.99 2.86 0.00	39.84 2.64 0.00	38.95 2.34 0.00	37.52 2.22 0.00	39.87 2.85 0.00	46.81 3.98 0.00	53.82 4.67 0.00	57.74 5.11 0.00	59.28 5.09 -0.02	63.30 4.45 -5.83	62.24 4.40 -6.04	62.24 4.34 -7.49	60.48 4.31 -8.25	59.52 4.11 -9.17	62.50 4.43 -7.15	66.36 5.31 -0.02	77.41 5.87 0.00	71.83 5.69 -0.02	66.43 5.29 -0.40	64.62 5.17 -0.02	63.50 4.82 -2.59	58.27 4.68 -1.01	54.37 4.12 0.00
NORTH___COUNTRY_ESR 323785	38.96 -0.71 0.00	37.56 -0.57 0.00	36.53 -0.67 0.00	35.88 -0.73 0.00	34.63 -0.67 0.00	36.32 -0.70 0.00	42.14 -0.69 0.00	48.22 -0.94 0.00	51.84 -0.79 0.00	53.25 -0.92 0.00	52.38 -0.63 0.00	51.18 -0.62 0.00	49.76 -0.66 0.00	47.24 -0.67 0.00	45.59 -0.65 0.00	50.36 -0.56 0.00	60.12 -0.91 0.00	70.48 -1.07 0.00	64.80 -1.32 0.00	59.60 -1.16 0.00	58.30 -1.13 0.00	55.25 -0.84 0.00	51.96 -0.63 0.00	49.45 -0.81 0.00
NPX_GEN_1385_PROXY 323591	49.96 3.73 -6.55	45.80 3.20 -4.46	43.28 2.86 -3.22	39.17 2.56 0.00	42.60 2.54 -4.76	52.00 3.18 -11.79	47.59 4.75 -0.01	54.57 5.41 -0.01	58.27 5.63 -0.01	59.55 5.36 -0.02	63.40 4.56 -5.83	62.45 4.61 -6.04	62.39 4.49 -7.49	60.62 4.46 -8.25	59.75 4.34 -9.17	62.86 4.79 -7.15	67.28 6.23 -0.02	78.36 6.80 -0.01	72.82 6.68 -0.02	67.17 6.02 -0.40	65.04 5.59 -0.02	63.61 4.94 -1.01	58.53 4.94 -1.01	54.53 4.27 -0.01
NPX_GEN_CSC 323557	43.85 4.17 -0.01	41.64 3.51 0.00	40.32 3.12 0.00	39.50 2.89 0.00	38.05 2.76 0.00	40.50 3.48 0.00	47.63 4.80 -0.01	54.81 5.65 -0.01	58.95 6.31 -0.01	60.58 6.39 -0.02	63.77 4.93 -5.83	62.60 4.76 -6.04	62.54 4.64 -7.49	60.81 4.65 -8.25	59.89 4.48 -9.17	62.96 4.89 -7.15	67.40 6.35 -0.02	78.86 7.30 -0.01	73.15 7.01 -0.02	67.59 6.44 -0.40	65.63 6.18 -0.02	64.11 5.44 -2.59	58.96 5.37 -1.01	54.88 4.62 -0.01
NSINS_S_GLNS_FALLS 23858	41.62 1.94 0.00	39.96 1.83 0.00	38.98 1.79 0.00	38.37 1.76 0.00	36.96 1.66 0.00	38.95 1.93 0.00	44.92 2.10 0.00	51.56 2.41 0.00	55.05 2.42 0.00	56.78 2.60 0.00	55.61 2.60 0.00	54.34 2.54 0.00	52.78 2.37 0.00	49.98 2.06 0.00	48.17 1.94 0.00	53.11 2.19 0.00	64.03 2.99 0.00	75.05 3.51 0.00	69.50 3.37 0.00	63.73 2.98 0.00	62.59 3.15 0.00	59.01 2.92 0.00	55.21 2.63 0.00	52.81 2.56 0.00
NUCOR_STEEL___DRP 24197	39.36 -0.32 0.00	37.83 -0.31 0.00	36.90 -0.30 0.00	36.43 -0.18 0.00	35.09 -0.21 0.00	36.58 -0.44 0.00	42.48 -0.34 0.00	49.02 -0.20 -0.06	56.83 -0.26 -4.46	59.57 -0.16 -5.55	59.93 -0.16 -7.08	59.12 -0.16 -7.47	52.58 -0.15 -2.31	47.72 -0.19 0.00	46.05 -0.18 0.00	50.77 -0.15 0.00	61.03 0.00 0.00	71.69 0.14 0.00	66.13 0.00 0.00	60.75 0.00 0.00	59.32 -0.12 0.00	55.81 -0.28 0.00	52.27 -0.32 0.00	50.25 0.00 0.00
NUMBER_THREE_WT_PWR 323818	39.84 0.16 0.00	38.32 0.19 0.00	37.42 0.22 0.00	36.68 0.07 0.00	35.44 0.14 0.00	37.28 0.26 0.00	43.21 0.38 0.00	49.84 0.69 0.00	53.52 0.89 0.00	54.93 0.76 0.00	53.75 0.74 0.00	52.68 0.88 0.00	51.17 0.76 0.00	48.44 0.53 0.00	46.83 0.60 0.00	51.79 0.86 0.00	61.83 0.79 0.00	72.55 1.00 0.00	66.72 0.59 0.00	61.30 0.55 0.00	59.85 0.42 0.00	56.54 0.45 0.00	53.27 0.68 0.00	51.01 0.75 0.00
NYISO_LBMP_REFERENCE 24008	39.68 0.00 0.00	38.13 0.00 0.00	37.19 0.00 0.00	36.61 0.00 0.00	35.30 0.00 0.00	37.02 0.00 0.00	42.83 0.00 0.00	49.15 0.00 0.00	52.63 0.00 0.00	54.17 0.00 0.00	53.01 0.00 0.00	51.80 0.00 0.00	50.42 0.00 0.00	47.91 0.00 0.00	46.23 0.00 0.00	50.92 0.00 0.00	61.03 0.00 0.00	71.55 0.00 0.00	66.13 0.00 0.00	60.75 0.00 0.00	59.44 0.00 0.00	56.09 0.00 0.00	52.58 0.00 0.00	50.25 0.00 0.00
NYPA_BRENTWD____GT 24164	43.53 3.85 -0.01	41.41 3.28 0.00	40.10 2.90 0.00	39.28 2.67 0.00	37.88 2.58 0.00	40.28 3.26 0.00	47.33 4.50 -0.01	54.42 5.26 -0.01	58.43 5.79 -0.01	60.04 5.85 -0.02	64.04 5.20 -5.83	62.92 5.08 -6.04	62.90 4.99 -7.49	61.10 4.94 -8.25	60.17 4.76 -9.17	63.21 5.14 -7.15	67.52 6.47 -0.02	78.78 7.22 -0.01	73.08 6.94 -0.02	67.59 6.44 -0.40	65.63 6.18 -0.02	64.40 5.72 -2.59	59.06 5.47 -1.01	55.04 4.78 -0.01

NYPA_GOWANUS____GT5 24156	42.34	40.62	39.55	38.93	37.57	39.55	46.00	52.95	58.36	60.30	59.42	58.27	55.05	51.80	49.94	54.95	66.23	77.27	71.69	65.99	64.43	60.70	56.80	53.72
	2.66	2.48	2.34	2.31	2.26	2.52	3.17	3.79	4.47	4.55	4.40	4.35	3.98	3.88	3.70	4.02	5.19	5.73	5.56	5.23	4.99	4.60	4.21	3.46
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.26	-1.57	-2.01	-2.12	-0.65	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_GOWANUS____GT6 24157	42.34	40.62	39.55	38.93	37.57	39.55	46.00	52.95	58.36	60.30	59.42	58.27	55.05	51.80	49.94	54.95	66.23	77.27	71.69	65.99	64.43	60.70	56.80	53.72
	2.66	2.48	2.34	2.31	2.26	2.52	3.17	3.79	4.47	4.55	4.40	4.35	3.98	3.88	3.70	4.02	5.19	5.73	5.56	5.23	4.99	4.60	4.21	3.46
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.26	-1.57	-2.01	-2.12	-0.65	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_HARLEM__RVR__GT1 24160	42.30	40.51	39.40	38.78	37.43	39.47	45.87	52.70	56.27	57.76	56.36	55.07	54.10	51.66	49.71	54.70	65.73	76.62	71.14	65.44	63.83	60.19	56.33	53.27
	2.62	2.37	2.19	2.16	2.12	2.44	3.04	3.54	3.63	3.57	3.34	3.27	3.68	3.74	3.47	3.77	4.70	5.08	5.02	4.68	4.40	4.09	3.73	3.01
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	0.01	-0.01	0.01	-0.01	-0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	42.30	40.51	39.40	38.78	37.43	39.47	45.87	52.70	56.27	57.76	56.36	55.07	54.10	51.66	49.71	54.70	65.73	76.62	71.14	65.44	63.83	60.19	56.33	53.27
	2.62	2.37	2.19	2.16	2.12	2.44	3.04	3.54	3.63	3.57	3.34	3.27	3.68	3.74	3.47	3.77	4.70	5.08	5.02	4.68	4.40	4.09	3.73	3.01
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	0.01	-0.01	0.01	-0.01	-0.01	-0.01
NYPA_KENT____GT 24152	42.34	40.62	39.51	38.89	37.53	39.55	46.00	52.89	58.21	60.13	59.26	58.07	55.05	51.85	49.98	54.95	66.11	77.13	71.56	65.86	64.31	60.59	56.70	53.63
	2.66	2.48	2.31	2.27	2.23	2.52	3.17	3.73	4.32	4.39	4.24	4.15	3.98	3.93	3.74	4.02	5.06	5.58	5.42	5.10	4.87	4.49	4.10	3.37
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.26	-1.57	-2.01	-2.12	-0.65	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_POUCH1____GT 24155	42.26	40.70	39.59	39.00	37.67	39.58	46.00	52.61	47.10	46.33	41.67	39.51	49.18	51.66	49.85	54.90	66.23	77.48	71.62	65.99	64.67	60.92	57.01	53.93
	2.58	2.56	2.38	2.38	2.37	2.55	3.17	3.59	4.26	4.34	4.19	4.09	3.83	3.74	3.61	3.97	5.19	5.94	5.49	5.23	5.23	4.82	4.42	3.67
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.13	9.79	12.18	15.53	16.39	5.06	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_VERNON____GT2 24162	42.34	40.62	39.51	38.89	37.53	39.55	46.00	52.89	58.05	59.92	59.05	57.91	55.00	51.85	49.98	54.95	66.05	76.98	71.49	65.80	64.19	60.47	56.59	53.52
	2.66	2.48	2.31	2.27	2.23	2.52	3.17	3.73	4.16	4.17	4.03	3.99	3.93	3.93	3.74	4.02	5.01	5.43	5.35	5.04	4.76	4.38	3.99	3.26
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.26	-1.57	-2.01	-2.12	-0.65	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.01	-0.01
NYPA_VERNON____GT3 24163	42.34	40.62	39.51	38.89	37.53	39.55	46.00	52.89	58.05	59.92	59.05	57.91	55.00	51.85	49.98	54.95	66.05	76.98	71.49	65.80	64.19	60.47	56.59	53.52
	2.66	2.48	2.31	2.27	2.23	2.52	3.17	3.73	4.16	4.17	4.03	3.99	3.93	3.93	3.74	4.02	5.01	5.43	5.35	5.04	4.76	4.38	3.99	3.26
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.26	-1.57	-2.01	-2.12	-0.65	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.01	-0.01
NYPA____ASTORIA_CC1 323568	42.34	40.62	39.51	38.89	37.53	39.55	46.00	52.85	57.94	59.86	59.00	57.81	55.00	51.85	49.94	54.95	65.98	76.92	71.49	65.74	64.13	60.47	56.54	53.48
	2.66	2.48	2.31	2.27	2.23	2.52	3.17	3.69	4.05	4.12	3.98	3.89	3.93	3.93	3.70	4.02	4.94	5.37	5.35	4.98	4.69	4.38	3.95	3.22
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.26	-1.57	-2.01	-2.12	-0.65	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.01	-0.01
NYPA____ASTORIA_CC2 323569	42.34	40.62	39.51	38.89	37.53	39.55	46.00	52.85	57.94	59.86	59.00	57.81	55.00	51.85	49.94	54.95	65.98	76.92	71.49	65.74	64.13	60.47	56.54	53.48
	2.66	2.48	2.31	2.27	2.23	2.52	3.17	3.69	4.05	4.12	3.98	3.89	3.93	3.93	3.70	4.02	4.94	5.37	5.35	4.98	4.69	4.38	3.95	3.22
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.26	-1.57	-2.01	-2.12	-0.65	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.01	-0.01
NYPA____HOLTSVILL 23794	43.41	41.26	39.95	39.13	37.73	40.13	47.16	54.22	58.21	59.82	63.67	62.55	62.54	60.77	59.84	62.86	67.15	78.42	72.69	67.22	65.28	64.01	58.75	54.73
	3.73	3.13	2.75	2.52	2.43	3.11	4.32	5.06	5.58	5.63	4.82	4.71	4.64	4.60	4.44	4.79	6.10	6.87	6.55	6.07	5.83	5.33	5.16	4.47
	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.02	-5.83	-6.04	-7.49	-8.25	-9.17	-7.15	-0.02	-0.01	-0.02	-0.40	-0.02	-2.59	-1.01	-0.01
NYPA____HELLGATE_GT1 24158	42.30	40.51	39.40	38.78	37.43	39.47	45.87	52.70	56.27	57.76	56.36	55.07	54.10	51.66	49.71	54.70	65.73	76.62	71.14	65.44	63.83	60.19	56.33	53.27
	2.62	2.37	2.19	2.16	2.12	2.44	3.04	3.54	3.63	3.57	3.34	3.27	3.68	3.74	3.47	3.77	4.70	5.08	5.02	4.68	4.40	4.09	3.73	3.01
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	0.01	-0.01	0.01	-0.01	-0.01	-0.01
NYPA____HELLGATE_GT2 24159	42.30	40.51	39.40	38.78	37.43	39.47	45.87	52.70	56.27	57.76	56.36	55.07	54.10	51.66	49.71	54.70	65.73	76.62	71.14	65.44	63.83	60.19	56.33	53.27
	2.62	2.37	2.19	2.16	2.12	2.44	3.04	3.54	3.63	3.57	3.34	3.27	3.68	3.74	3.47	3.77	4.70	5.08	5.02	4.68	4.40	4.09	3.73	3.01
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	0.01	-0.01	0.01	-0.01	-0.01	-0.01
NYS_BARGE____HYD 23848	37.14	35.69	35.04	34.56	32.90	33.50	38.50	44.09	46.94	48.97	47.87	46.78	45.53	43.11	41.42	45.98	55.11	63.03	52.05	51.01	52.94	50.31	47.11	47.29
	-2.54	-2.44	-2.16	-2.05	-2.40	-3.52	-4.32	-5.06	-5.69	-5.20	-5.14	-5.02	-4.89	-4.31	-4.44	-4.94	-5.92	-5.79	-5.75	-5.35	-6.06	-5.78	-5.47	-2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.38	0.00	0.01	2.73	8.32	4.39	0.44	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	38.21	36.80	36.00	35.51	34.03	35.06	40.55	46.65	49.89	51.74	50.68	49.47	48.15	45.71	44.15	48.58	58.35	69.40	63.76	58.57	56.58	53.23	49.74	48.84
	-1.47	-1.34	-1.19	-1.10	-1.27	-1.96	-2.27	-2.50	-2.74	-2.44	-2.33	-2.33	-2.27	-2.20	-2.08	-2.34	-2.68	-2.14	-2.38	-2.18	-2.85	-2.86	-2.84	-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	-0.01	0.00	0.00	0.00	0.00	0.00

OAKDALE__35_KV_LOAD 356122	39.52 -0.16 0.00	37.94 -0.19 0.00	37.01 -0.19 0.00	36.50 -0.11 0.00	35.12 -0.18 0.00	36.65 -0.37 0.00	42.57 -0.26 0.00	49.15 0.00 0.00	52.52 -0.11 0.00	54.17 0.00 0.00	52.96 -0.05 0.00	51.75 -0.05 0.00	50.36 -0.05 0.00	47.87 -0.05 0.00	46.23 0.00 0.00	50.87 -0.05 0.00	60.91 -0.12 0.00	71.05 -0.50 0.00	65.60 -0.53 0.00	60.21 -0.55 0.00	59.26 -0.18 0.00	55.75 -0.34 0.00	52.16 -0.42 0.00	50.25 0.00 0.00
OCC_CHEM__DRP 24175	37.10 -2.58 0.00	35.58 -2.55 0.00	34.48 -2.72 0.00	34.45 -2.16 0.00	32.79 -2.51 0.00	32.99 -4.04 0.00	37.86 -4.97 0.00	43.30 -5.85 0.00	46.10 -6.53 0.00	48.22 -5.96 0.00	47.07 -5.94 0.00	45.95 -5.85 0.00	44.77 -5.65 0.00	42.64 -4.74 0.54	40.88 -4.95 0.41	45.22 -5.70 0.00	54.19 -6.84 0.01	61.84 -6.73 2.98	50.30 -6.61 9.21	49.82 -6.14 4.79	52.13 -6.84 0.48	49.53 -6.56 0.00	46.59 -5.99 0.00	46.68 -3.57 0.00
OH_GEN_PROXY 24063	37.10 -2.58 0.00	35.65 -2.48 0.00	35.00 -2.19 0.00	34.52 -2.09 0.00	32.86 -2.44 0.00	33.43 -3.59 0.00	38.42 -4.41 0.00	43.99 -5.16 0.00	46.84 -5.79 0.00	48.87 -5.31 0.00	47.71 -5.30 0.00	46.62 -5.18 0.00	45.37 -5.04 0.00	42.81 -4.65 0.46	41.35 -4.53 0.35	45.88 -5.04 0.00	54.92 -6.10 0.01	62.39 -6.58 2.58	51.73 -6.41 7.98	50.60 -6.02 4.14	52.84 -6.18 0.41	50.20 -5.89 0.00	47.01 -5.58 0.00	47.09 -3.16 0.00
OLIN_CORP_DRP 24177	36.70 -2.98 0.00	35.20 -2.94 0.00	34.11 -3.09 0.00	34.08 -2.53 0.00	32.44 -2.86 0.00	32.99 -4.04 0.00	37.86 -4.97 0.00	43.30 -5.85 0.00	46.16 -6.47 0.00	48.22 -5.96 0.00	47.07 -5.94 0.00	45.95 -5.85 0.00	44.77 -5.65 0.00	42.30 -5.08 0.54	40.87 -4.95 0.41	45.22 -5.70 0.00	54.25 -6.77 0.01	61.98 -6.58 2.98	50.60 -6.48 9.05	49.93 -6.01 4.80	51.94 -7.01 0.48	49.58 -6.51 0.00	46.59 -5.99 0.00	46.53 -3.72 0.00
OLIN_CORP_DSASP 323712	37.10 -2.58 0.00	35.58 -2.55 0.00	34.48 -2.72 0.00	34.45 -2.16 0.00	32.79 -2.51 0.00	32.99 -4.04 0.00	37.86 -4.97 0.00	43.30 -5.85 0.00	46.10 -6.53 0.00	48.22 -5.96 0.00	47.07 -5.94 0.00	45.95 -5.85 0.00	44.77 -5.65 0.00	42.64 -4.74 0.54	40.88 -4.95 0.41	45.22 -5.70 0.00	54.19 -6.84 0.01	61.84 -6.73 2.98	50.30 -6.61 9.21	49.82 -6.14 4.79	52.13 -6.84 0.48	49.53 -6.56 0.00	46.59 -5.99 0.00	46.68 -3.57 0.00
ONEIDA_HERK_LFGE 323681	40.19 0.51 0.00	38.67 0.53 0.00	37.75 0.56 0.00	37.05 0.44 0.00	35.76 0.46 0.00	37.58 0.56 0.00	43.55 0.73 0.00	50.23 1.08 0.00	53.89 1.26 0.00	55.42 1.25 0.00	54.18 1.16 0.00	53.04 1.24 0.00	51.58 1.16 0.00	48.87 0.96 0.00	47.25 1.02 0.00	52.09 1.17 0.00	62.44 1.40 0.00	73.19 1.65 0.00	67.52 1.39 0.00	61.97 1.21 0.00	60.56 1.13 0.00	57.15 1.06 0.00	53.58 1.00 0.00	51.31 1.06 0.00
ONEIDA__115KV_TB4 55905	40.39 0.71 0.00	38.86 0.72 0.00	37.94 0.74 0.00	37.31 0.70 0.00	36.01 0.71 0.00	37.76 0.74 0.00	43.81 0.98 0.00	50.53 1.38 0.00	54.21 1.58 0.00	55.80 1.63 0.00	54.55 1.54 0.00	53.30 1.50 0.00	51.88 1.46 0.00	49.16 1.25 0.00	47.53 1.29 0.00	52.40 1.48 0.00	62.93 1.89 0.00	73.62 2.07 0.00	67.91 1.79 0.00	62.33 1.58 0.00	60.92 1.49 0.00	57.43 1.35 0.00	53.74 1.16 0.00	51.51 1.26 0.00
ONONDAGA_REF_OCCRA 23987	39.16 -0.52 0.00	37.64 -0.50 0.00	36.71 -0.48 0.00	36.21 -0.40 0.00	34.88 -0.42 0.00	36.43 -0.59 0.00	42.27 -0.56 0.00	48.66 -0.49 0.00	52.10 -0.53 0.00	53.74 -0.43 0.00	52.54 -0.48 0.00	51.33 -0.47 0.00	49.96 -0.45 0.00	47.48 -0.43 0.00	45.82 -0.42 0.00	50.46 -0.46 0.00	60.55 -0.49 0.00	71.05 -0.50 0.00	65.60 -0.53 0.00	60.21 -0.55 0.00	58.84 -0.59 0.00	55.42 -0.67 0.00	51.95 -0.63 0.00	49.85 -0.40 0.00
ONONDAGA__COGEN 23986	39.16 -0.52 0.00	37.64 -0.50 0.00	36.71 -0.48 0.00	36.21 -0.40 0.00	34.88 -0.42 0.00	36.43 -0.59 0.00	42.23 -0.60 0.00	48.66 -0.49 0.00	52.05 -0.58 0.00	53.69 -0.49 0.00	52.54 -0.48 0.00	51.33 -0.47 0.00	49.96 -0.45 0.00	47.44 -0.48 0.00	45.82 -0.42 0.00	50.41 -0.51 0.00	60.55 -0.49 0.00	71.05 -0.50 0.00	65.60 -0.53 0.00	60.21 -0.55 0.00	58.84 -0.59 0.00	55.42 -0.67 0.00	51.95 -0.63 0.00	49.85 -0.40 0.00
ONTARIO__LFGE 23819	39.20 -0.47 0.00	37.68 -0.46 0.00	36.86 -0.34 0.00	36.32 -0.29 0.00	34.91 -0.39 0.00	36.24 -0.78 0.00	42.23 -0.60 0.00	48.61 -0.54 0.00	51.89 -0.74 0.00	53.58 -0.59 0.00	52.38 -0.63 0.00	51.12 -0.67 0.00	49.71 -0.71 0.00	47.55 -0.72 -0.35	45.86 -0.65 -0.27	50.26 -0.66 0.00	60.13 -0.91 -0.01	72.59 -0.93 -1.98	71.17 -1.06 -6.10	62.84 -1.09 -3.18	58.98 -0.77 -0.31	55.25 -0.84 0.00	51.80 -0.79 0.00	50.25 0.00 0.00
ORANGEVILLE_WT_PWR 323706	37.22 -2.46 0.00	35.77 -2.36 0.00	35.08 -2.12 0.00	34.67 -1.94 0.00	33.18 -2.12 0.00	34.06 -2.96 0.00	39.40 -3.43 0.00	45.07 -4.08 0.00	47.89 -4.74 0.00	49.62 -4.55 0.00	48.40 -4.61 0.00	47.29 -4.51 0.00	45.98 -4.44 0.00	41.35 -4.26 2.30	40.32 -4.16 1.75	46.34 -4.58 0.00	55.93 -5.07 0.04	52.46 -6.30 12.79	20.56 -6.08 39.49	34.54 -5.65 20.56	52.35 -5.05 2.04	51.10 -4.99 0.00	47.85 -4.73 0.00	47.44 -2.81 0.00
ORANGEVILLE__ESR 323794	37.22 -2.46 0.00	35.77 -2.36 0.00	35.08 -2.12 0.00	34.67 -1.94 0.00	33.18 -2.12 0.00	34.06 -2.96 0.00	39.40 -3.43 0.00	45.07 -4.08 0.00	47.89 -4.74 0.00	49.62 -4.55 0.00	48.40 -4.61 0.00	47.29 -4.51 0.00	45.98 -4.44 0.00	41.35 -4.26 2.30	40.32 -4.16 1.75	46.34 -4.58 0.00	55.93 -5.07 0.04	52.46 -6.30 12.79	20.56 -6.08 39.49	34.54 -5.65 20.56	52.35 -5.05 2.04	51.10 -4.99 0.00	47.85 -4.73 0.00	47.44 -2.81 0.00
OSWEGATCHIE__HYD 24044	39.84 0.16 0.00	38.32 0.19 0.00	37.38 0.19 0.00	36.68 0.07 0.00	35.44 0.14 0.00	37.25 0.22 0.00	43.17 0.34 0.00	49.69 0.54 0.00	53.31 0.68 0.00	54.66 0.49 0.00	53.65 0.64 0.00	52.52 0.72 0.00	51.02 0.61 0.00	48.30 0.38 0.00	46.69 0.46 0.00	51.53 0.61 0.00	61.03 0.00 0.00	71.55 0.00 0.00	65.80 -0.33 0.00	60.51 -0.24 0.00	59.08 -0.35 0.00	56.20 0.11 0.00	53.27 0.68 0.00	50.95 0.70 0.00
OSWEGO__5 23606	38.49 -1.19 0.00	36.99 -1.14 0.00	36.15 -1.04 0.00	35.59 -1.02 0.00	34.27 -1.02 0.00	35.84 -1.19 0.00	41.45 -1.37 0.00	47.68 -1.47 0.00	51.00 -1.63 0.00	52.55 -1.62 0.00	51.42 -1.59 0.00	50.25 -1.55 0.00	48.90 -1.51 0.00	46.48 -1.44 0.00	44.85 -1.39 0.00	49.39 -1.53 0.00	59.21 -1.83 0.00	69.54 -2.00 0.00	64.21 -1.92 0.00	58.93 -1.82 0.00	57.59 -1.84 0.00	54.29 -1.80 0.00	50.85 -1.73 0.00	48.84 -1.41 0.00
OSWEGO__6 23613	38.49 -1.19 0.00	36.99 -1.14 0.00	36.15 -1.04 0.00	35.59 -1.02 0.00	34.27 -1.02 0.00	35.84 -1.19 0.00	41.45 -1.37 0.00	47.68 -1.47 0.00	51.00 -1.63 0.00	52.55 -1.62 0.00	51.42 -1.59 0.00	50.25 -1.55 0.00	48.90 -1.51 0.00	46.48 -1.44 0.00	44.85 -1.39 0.00	49.39 -1.53 0.00	59.21 -1.83 0.00	69.54 -2.00 0.00	64.21 -1.92 0.00	58.93 -1.82 0.00	57.59 -1.84 0.00	54.29 -1.80 0.00	50.85 -1.73 0.00	48.84 -1.41 0.00

OUTOKUMPU-AB___DRP 24206	37.61 -2.06 0.00	36.03 -2.10 0.00	34.93 -2.27 0.00	34.89 -1.72 0.00	33.25 -2.05 0.00	33.76 -3.26 0.00	38.84 -3.98 0.00	44.43 -4.72 0.00	47.31 -5.32 0.00	49.41 -4.77 0.00	48.24 -4.77 0.00	47.09 -4.71 0.00	45.88 -4.54 0.00	43.37 -3.98 0.57	41.82 -3.98 0.43	46.24 -4.68 0.00	55.65 -5.37 0.01	62.61 -5.80 3.14	50.78 -5.69 9.66	50.35 -5.35 5.06	53.35 -5.59 0.50	50.76 -5.33 0.00	47.75 -4.84 0.00	47.64 -2.61 0.00
OXBOW___BTM 323836	37.34 -2.34 0.00	35.85 -2.29 0.00	35.19 -2.01 0.00	34.70 -1.91 0.00	33.04 -2.26 0.00	33.40 -3.63 0.00	38.42 -4.41 0.00	43.89 -5.26 0.00	46.74 -5.89 0.00	48.87 -5.31 0.00	47.71 -5.30 0.00	46.62 -5.18 0.00	45.37 -5.04 0.00	43.05 -4.31 0.55	41.23 -4.58 0.42	45.78 -5.14 0.00	54.86 -6.16 0.01	62.26 -6.23 3.07	50.60 -6.08 9.44	50.11 -5.71 4.93	52.76 -6.18 0.49	50.09 -6.00 0.00	47.01 -5.58 0.00	47.24 -3.01 0.00
OXBOW___ 24026	37.38 -2.30 0.00	35.84 -2.29 0.00	34.74 -2.45 0.00	34.71 -1.90 0.00	33.04 -2.26 0.00	33.39 -3.63 0.00	38.41 -4.41 0.00	43.89 -5.26 0.00	46.79 -5.84 0.00	48.87 -5.31 0.00	47.76 -5.25 0.00	46.57 -5.23 0.00	45.37 -5.04 0.00	43.05 -4.31 0.55	41.42 -4.39 0.42	45.78 -5.14 0.00	54.98 -6.04 0.01	62.33 -6.15 3.07	50.60 -6.08 9.44	50.18 -5.65 4.93	52.82 -6.12 0.49	50.20 -5.89 0.00	47.22 -5.36 0.00	47.24 -3.02 0.00
OXY_CHEM_DSASP 323612	37.10 -2.58 0.00	35.58 -2.55 0.00	34.48 -2.72 0.00	34.45 -2.16 0.00	32.79 -2.51 0.00	32.99 -4.04 0.00	37.86 -4.97 0.00	43.30 -5.85 0.00	46.10 -6.53 0.00	48.22 -5.96 0.00	47.07 -5.94 0.00	45.95 -5.85 0.00	44.77 -5.65 0.00	42.64 -4.74 0.54	40.88 -4.95 0.41	45.22 -5.70 0.00	54.19 -6.84 0.01	61.84 -6.73 2.98	50.30 -6.61 9.21	49.82 -6.14 4.79	52.13 -6.84 0.48	49.53 -6.56 0.00	46.59 -5.99 0.00	46.68 -3.57 0.00
OZONE_PARK_ESR 323760	42.38 2.70 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.88 2.27 0.00	37.52 2.22 0.00	39.58 2.55 0.00	46.08 3.25 0.00	52.99 3.83 0.00	56.89 4.26 0.00	58.51 4.33 0.00	57.20 4.19 0.00	55.94 4.14 0.00	54.50 4.08 0.00	51.99 4.07 0.00	50.07 3.84 0.00	55.10 4.18 0.00	66.16 5.13 0.00	77.20 5.65 0.00	71.75 5.62 0.00	66.04 5.29 0.00	64.37 4.93 0.00	60.63 4.54 0.00	56.63 4.05 0.00	53.57 3.32 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.10 -2.58 0.00	35.58 -2.55 0.00	34.48 -2.72 0.00	34.45 -2.16 0.00	32.79 -2.51 0.00	32.99 -4.04 0.00	37.86 -4.97 0.00	43.30 -5.85 0.00	46.10 -6.53 0.00	48.22 -5.96 0.00	47.07 -5.94 0.00	45.95 -5.85 0.00	44.77 -5.65 0.00	42.64 -4.74 0.54	40.88 -4.95 0.41	45.22 -5.70 0.00	54.19 -6.84 0.01	61.84 -6.73 2.98	50.30 -6.61 9.21	49.82 -6.14 4.79	52.13 -6.84 0.48	49.53 -6.56 0.00	46.59 -5.99 0.00	46.68 -3.57 0.00
PACKARD___115KV_DUPONT_184 80571	37.06 -2.62 0.00	35.58 -2.55 0.00	34.92 -2.27 0.00	34.45 -2.16 0.00	32.79 -2.51 0.00	32.99 -4.03 0.00	37.86 -4.97 0.00	43.30 -5.85 0.00	46.10 -6.53 0.00	48.16 -6.02 0.00	47.08 -5.94 0.00	46.00 -5.80 0.00	44.77 -5.65 0.00	42.59 -4.79 0.54	40.69 -5.13 0.41	45.22 -5.70 0.00	54.01 -7.02 0.01	61.76 -6.80 2.98	50.24 -6.68 9.21	49.76 -6.20 4.79	52.07 -6.89 0.48	49.41 -6.68 0.00	46.33 -6.26 0.00	46.68 -3.57 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.22 2.54 0.00	40.42 2.29 0.00	39.43 2.23 0.00	38.70 2.09 0.00	37.35 2.05 0.00	39.36 2.33 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.48 3.84 -0.01	58.08 3.90 -0.01	56.78 3.76 -0.01	55.49 3.68 -0.01	54.10 3.68 -0.01	51.65 3.74 0.00	49.70 3.47 0.00	54.69 3.77 0.00	65.66 4.64 0.02	76.56 5.01 0.00	71.14 5.03 0.02	65.49 4.74 0.00	63.89 4.46 0.00	60.18 4.09 0.00	56.27 3.68 0.00	53.22 2.96 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.49 2.82 0.00	40.72 2.59 0.00	39.69 2.49 0.00	38.99 2.38 0.00	37.59 2.29 0.00	39.65 2.63 0.00	46.12 3.30 0.00	52.99 3.83 0.00	56.90 4.26 -0.01	58.46 4.28 -0.01	57.10 4.08 -0.01	55.85 4.04 -0.01	54.41 3.98 -0.01	51.94 4.02 0.00	50.02 3.79 0.00	55.05 4.12 0.00	66.09 5.07 0.02	77.06 5.51 0.00	71.60 5.49 0.02	65.92 5.16 0.00	64.31 4.87 0.00	60.58 4.49 0.00	56.69 4.10 0.00	53.62 3.37 0.00
PATROON___115KV_TB1 80586	41.23 1.55 0.00	39.58 1.45 0.00	38.61 1.41 0.00	38.00 1.39 0.00	36.61 1.31 0.00	38.50 1.48 0.00	44.20 1.37 0.00	50.19 1.03 0.00	53.68 1.05 0.00	55.26 1.08 0.00	54.02 1.01 0.00	52.73 0.93 0.00	51.37 0.96 0.00	48.92 1.01 0.00	47.20 0.97 0.00	51.89 0.97 0.00	62.13 1.10 0.00	72.83 1.29 0.00	67.45 1.32 0.00	61.97 1.22 0.00	60.80 1.37 0.00	57.32 1.23 0.00	53.64 1.05 0.00	51.21 0.95 0.00
PATTRSNVILLE___SOLAR 323815	40.87 1.19 0.00	39.27 1.14 0.00	38.27 1.08 0.00	37.71 1.10 0.00	36.32 1.02 0.00	38.24 1.22 0.00	44.20 1.37 0.00	50.77 1.62 0.00	54.21 1.58 0.00	55.69 1.51 0.00	54.44 1.43 0.00	53.14 1.34 0.00	51.68 1.26 0.00	48.97 1.05 0.00	47.34 1.11 0.00	52.34 1.42 0.00	63.17 2.14 0.00	74.05 2.50 0.00	68.57 2.45 0.00	62.88 2.13 0.00	61.69 2.26 0.00	58.16 2.08 0.00	54.37 1.79 0.00	51.96 1.71 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.45 -1.23 0.00	36.84 -1.30 0.00	35.74 -1.45 0.00	35.66 -0.95 0.00	34.06 -1.24 0.00	34.91 -2.11 0.00	40.43 -2.40 0.00	46.06 -3.10 0.00	48.95 -3.68 0.00	50.98 -3.20 0.00	49.73 -3.29 0.00	48.54 -3.26 0.00	47.29 -3.13 0.00	44.46 -2.87 0.58	43.06 -2.73 0.44	47.71 -3.21 0.00	57.73 -3.30 0.01	61.52 -6.80 3.23	49.61 -6.61 9.91	49.37 -6.20 5.19	55.35 -3.57 0.52	52.61 -3.48 0.00	49.38 -3.21 0.00	48.94 -1.31 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.10 2.42 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.70 2.09 0.00	37.35 2.05 0.00	39.36 2.33 0.00	45.69 2.87 0.00	52.54 3.39 0.00	56.37 3.74 0.00	57.91 3.74 0.00	56.62 3.60 0.00	55.32 3.52 0.00	53.89 3.48 0.00	51.27 3.35 0.00	49.42 3.19 0.00	54.38 3.46 0.00	65.37 4.33 0.00	76.48 4.94 0.00	71.02 4.89 0.00	65.19 4.43 0.00	63.71 4.28 0.00	59.96 3.87 0.00	56.16 3.58 0.00	53.22 2.96 0.00
PEEKSKILL___ 23653	41.70 2.02 0.00	40.00 1.87 0.00	38.94 1.75 0.00	38.33 1.72 0.00	36.99 1.69 0.00	38.98 1.96 0.00	45.31 2.48 0.00	52.05 2.90 0.00	55.79 3.16 0.00	57.37 3.20 0.00	56.03 3.02 0.00	54.80 3.00 0.00	53.39 2.97 0.00	50.89 2.97 0.00	49.05 2.82 0.00	53.92 3.00 0.00	64.82 3.79 0.00	75.70 4.15 0.00	70.23 4.10 0.00	64.58 3.83 0.00	63.12 3.69 0.00	59.45 3.37 0.00	55.69 3.10 0.00	52.71 2.46 0.00
PGE MADISON___WINDPWR 24146	40.99 1.31 0.00	39.43 1.30 0.00	38.50 1.30 0.00	37.78 1.17 0.00	36.57 1.27 0.00	38.50 1.48 0.00	45.01 2.18 0.00	52.45 3.29 0.00	56.26 3.63 0.00	57.97 3.79 0.00	56.78 3.76 0.00	55.37 3.57 0.00	53.64 3.23 0.00	50.62 2.59 -0.12	49.14 2.82 -0.09	54.23 3.31 0.00	65.74 4.70 0.00	77.71 5.51 -0.66	72.78 4.63 -2.02	65.94 4.13 -1.05	63.58 4.04 -0.10	59.23 3.14 0.00	55.21 2.63 0.00	53.22 2.96 0.00

PIERCEFIELD___HYD 23852	40.03 0.36 0.00	38.55 0.42 0.00	37.53 0.33 0.00	36.87 0.26 0.00	35.62 0.32 0.00	37.39 0.37 0.00	43.38 0.56 0.00	49.79 0.64 0.00	53.37 0.74 0.00	54.72 0.54 0.00	53.81 0.80 0.00	52.58 0.78 0.00	51.12 0.71 0.00	48.49 0.57 0.00	46.79 0.55 0.00	51.53 0.61 0.00	60.91 -0.12 0.00	71.40 -0.14 0.00	65.66 -0.46 0.00	60.39 -0.36 0.00	59.08 -0.36 0.00	56.48 0.39 0.00	53.48 0.89 0.00	51.11 0.85 0.00
PINELAWN_CC_1 323563	43.22 3.53 -0.01	41.11 2.98 0.00	39.84 2.64 0.00	39.06 2.45 0.00	37.63 2.33 0.00	40.02 3.00 0.00	46.95 4.11 -0.01	53.98 4.82 -0.01	57.95 5.31 -0.01	59.55 5.36 -0.02	63.62 4.77 -5.83	62.50 4.66 -6.04	62.49 4.59 -7.49	60.72 4.55 -8.25	59.80 4.39 -9.17	62.86 4.79 -7.15	67.04 5.98 -0.02	78.28 6.72 -0.01	72.56 6.41 -0.02	67.04 5.89 -0.40	65.16 5.71 -0.02	63.95 5.27 -2.59	58.64 5.05 -1.01	54.63 4.37 -0.01
PJM_GEN_HTP_PROXY 323702	42.06 2.38 0.00	40.30 2.17 0.00	39.20 2.01 0.00	38.59 1.98 0.00	37.24 1.94 0.00	39.28 2.26 0.00	45.70 2.87 0.00	52.54 3.39 0.00	56.42 3.79 0.00	57.97 3.79 0.00	56.67 3.66 0.00	55.42 3.62 0.00	53.99 3.58 0.00	51.51 3.60 0.00	49.65 3.42 0.00	54.59 3.67 0.00	65.61 4.58 0.00	76.48 4.93 0.00	71.02 4.89 0.00	65.37 4.61 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.21 3.63 0.00	53.11 2.86 0.00
PJM_GEN_KEystone 24065	39.80 0.12 0.00	38.17 0.04 0.00	37.27 0.07 0.00	36.76 0.15 0.00	35.30 0.00 0.00	36.80 -0.22 0.00	42.74 -0.09 0.00	48.90 -0.24 0.01	51.57 -0.47 0.58	53.13 -0.32 0.73	51.61 -0.48 0.93	50.41 -0.42 0.98	49.76 -0.35 0.30	47.56 -0.24 0.11	45.92 -0.23 0.09	50.62 -0.30 0.00	61.03 0.00 0.00	70.35 -0.57 0.62	63.74 -0.46 1.93	59.26 -0.49 1.00	59.28 -0.06 0.10	55.92 -0.17 0.00	52.32 -0.26 0.00	50.40 0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.70 3.01 -0.01	40.69 2.56 0.00	39.43 2.23 0.00	38.70 2.09 0.00	37.31 2.01 0.00	39.58 2.55 0.00	46.39 3.55 -0.01	53.29 4.13 -0.01	57.16 4.53 -0.01	58.74 4.55 -0.02	62.87 4.03 -5.83	61.77 3.93 -6.04	61.79 3.88 -7.49	60.04 3.88 -8.25	59.10 3.70 -9.17	62.05 3.97 -7.15	66.06 5.01 -0.02	77.14 5.58 -0.01	71.43 5.29 -0.02	66.07 4.92 -0.40	64.21 4.76 -0.02	63.05 4.38 -2.59	57.74 4.15 -1.01	53.88 3.62 -0.01
PJM_GEN_VFT_PROXY 323633	41.82 2.14 0.00	40.11 1.98 0.00	39.05 1.86 0.00	38.40 1.79 0.00	37.06 1.76 0.00	39.06 2.03 0.00	45.48 2.66 0.00	52.11 3.10 0.14	46.27 3.42 9.78	45.47 3.47 12.17	40.83 3.34 15.52	38.74 3.32 16.38	48.67 3.33 5.07	51.32 3.40 0.00	49.52 3.28 0.00	54.43 3.51 0.00	65.43 4.40 0.00	76.19 4.65 0.00	70.82 4.70 0.00	65.18 4.43 0.00	63.53 4.10 0.00	59.85 3.76 0.00	56.00 3.42 0.00	52.86 2.61 0.00
PLATSBURG_115KV_PMLD1 355749	39.40 -0.28 0.00	37.98 -0.15 0.00	36.90 -0.30 0.00	36.24 -0.37 0.00	34.98 -0.32 0.00	36.69 -0.33 0.00	42.61 -0.21 0.00	48.76 -0.39 0.00	52.37 -0.26 0.00	53.80 -0.38 0.00	52.96 -0.05 0.00	51.75 -0.05 0.00	50.31 -0.10 0.00	47.77 -0.14 0.00	46.14 -0.09 0.00	50.97 0.05 0.00	60.85 -0.18 0.00	71.33 -0.21 0.00	65.60 -0.53 0.00	60.39 -0.36 0.00	59.08 -0.36 0.00	55.92 -0.17 0.00	52.64 0.05 0.00	50.10 -0.15 0.00
PLEASANTVLY___LBMP 24000	41.46 1.79 0.00	39.81 1.68 0.00	38.87 1.67 0.00	38.18 1.57 0.00	36.85 1.55 0.00	38.80 1.78 0.00	45.01 2.18 0.00	51.66 2.51 0.00	55.37 2.74 0.00	56.94 2.76 0.00	55.61 2.60 0.00	54.34 2.54 0.00	52.94 2.52 0.00	50.45 2.54 0.00	48.59 2.36 0.00	53.52 2.60 0.00	64.21 3.17 0.00	75.05 3.51 0.00	69.63 3.50 0.00	64.03 3.28 0.00	62.64 3.21 0.00	59.01 2.92 0.00	55.27 2.68 0.00	52.41 2.16 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.86 2.18 0.00	40.15 2.02 0.00	39.17 1.97 0.00	38.48 1.87 0.00	37.14 1.84 0.00	39.13 2.11 0.00	45.44 2.61 0.00	52.25 3.10 0.00	56.10 3.47 0.00	57.64 3.47 0.00	56.35 3.34 0.00	55.06 3.26 0.00	53.64 3.23 0.00	51.12 3.21 0.00	49.24 3.01 0.00	54.18 3.26 0.00	65.06 4.03 0.00	75.98 4.44 0.00	70.56 4.43 0.00	64.82 4.07 0.00	63.36 3.92 0.00	59.68 3.59 0.00	55.79 3.21 0.00	52.91 2.66 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.86 2.18 0.00	40.15 2.02 0.00	39.17 1.97 0.00	38.48 1.87 0.00	37.14 1.84 0.00	39.13 2.11 0.00	45.44 2.61 0.00	52.25 3.10 0.00	56.10 3.47 0.00	57.64 3.47 0.00	56.35 3.34 0.00	55.06 3.26 0.00	53.64 3.23 0.00	51.12 3.21 0.00	49.24 3.01 0.00	54.18 3.26 0.00	65.06 4.03 0.00	75.98 4.44 0.00	70.56 4.43 0.00	64.82 4.07 0.00	63.36 3.92 0.00	59.68 3.59 0.00	55.79 3.21 0.00	52.91 2.66 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.78 2.10 0.00	40.08 1.94 0.00	39.09 1.90 0.00	38.40 1.79 0.00	37.06 1.76 0.00	39.02 2.00 0.00	45.27 2.44 0.00	52.00 2.85 0.00	55.68 3.05 0.00	57.21 3.03 0.00	55.87 2.86 0.00	54.54 2.75 0.00	53.14 2.72 0.00	50.60 2.68 0.00	48.78 2.54 0.00	53.72 2.80 0.00	64.58 3.54 0.00	75.63 4.08 0.00	70.09 3.97 0.00	64.46 3.71 0.00	63.06 3.63 0.00	59.40 3.31 0.00	55.58 3.00 0.00	52.76 2.51 0.00
POLETTI____ 23519	41.98 2.30 0.00	40.23 2.10 0.00	39.28 2.08 0.00	38.55 1.94 0.00	37.17 1.87 0.00	39.21 2.18 0.00	45.61 2.78 0.00	52.45 3.29 0.00	56.31 3.68 0.00	57.86 3.68 0.00	56.62 3.60 0.00	55.37 3.57 0.00	53.94 3.53 0.00	51.46 3.55 0.00	49.56 3.33 0.00	54.54 3.62 0.00	65.41 4.39 0.02	76.32 4.79 0.02	70.87 4.76 0.02	65.25 4.50 0.00	63.64 4.22 0.02	59.96 3.87 0.00	56.06 3.47 0.00	53.02 2.76 0.00
POMONA___ESR 323819	41.70 2.02 0.00	39.96 1.83 0.00	38.91 1.71 0.00	38.29 1.68 0.00	36.96 1.66 0.00	38.95 1.92 0.00	45.27 2.44 0.00	51.95 2.80 0.00	55.63 3.00 0.00	57.15 2.98 0.00	55.93 2.91 0.00	54.65 2.85 0.00	53.24 2.82 0.00	50.74 2.83 0.00	48.96 2.73 0.00	53.77 2.85 0.00	64.64 3.60 0.00	75.55 4.00 0.00	70.09 3.97 0.00	64.46 3.71 0.00	63.00 3.57 0.00	59.34 3.25 0.00	55.58 3.00 0.00	52.61 2.36 0.00
PORT_JEFF_3 23555	43.50 3.81 -0.01	41.34 3.20 0.00	40.02 2.83 0.00	39.21 2.60 0.00	37.81 2.51 0.00	40.21 3.18 0.00	47.25 4.41 -0.01	54.32 5.16 -0.01	58.38 5.74 -0.01	59.99 5.80 -0.02	63.82 4.98 -5.83	62.71 4.87 -6.04	62.64 4.74 -7.49	60.91 4.74 -8.25	59.98 4.58 -9.17	63.01 4.94 -7.15	67.34 6.29 -0.02	78.64 7.08 -0.01	72.96 6.81 -0.02	67.41 6.26 -0.40	65.52 6.07 -0.02	64.18 5.50 -2.59	58.90 5.31 -1.01	54.88 4.62 -0.01
PORT_JEFF_4 23616	43.50 3.81 -0.01	41.34 3.20 0.00	40.02 2.83 0.00	39.21 2.60 0.00	37.81 2.51 0.00	40.21 3.18 0.00	47.25 4.41 -0.01	54.32 5.16 -0.01	58.38 5.74 -0.01	59.99 5.80 -0.02	63.82 4.98 -5.83	62.71 4.87 -6.04	62.64 4.74 -7.49	60.91 4.74 -8.25	59.98 4.58 -9.17	63.01 4.94 -7.15	67.34 6.29 -0.02	78.64 7.08 -0.01	72.96 6.81 -0.02	67.41 6.26 -0.40	65.52 6.07 -0.02	64.18 5.50 -2.59	58.90 5.31 -1.01	54.88 4.62 -0.01

PORT_JEFF_IC 23713	43.53 3.85 0.00	41.37 3.24 0.00	40.17 2.98 0.00	39.25 2.64 0.00	37.84 2.54 0.00	40.24 3.22 0.00	47.28 4.45 0.00	54.41 5.26 0.00	58.47 5.84 0.00	60.10 5.91 -0.02	63.88 5.04 -5.83	62.76 4.92 -6.04	62.75 4.84 -7.49	60.96 4.79 -8.25	60.03 4.62 -9.17	63.06 4.99 -7.15	67.40 6.35 -0.02	78.77 7.23 0.00	73.09 6.94 -0.02	67.53 6.38 -0.40	65.63 6.18 -0.02	64.28 5.61 -2.59	58.95 5.36 -1.01	54.92 4.67 0.00
PPL PILGRIM_ST_GT1 24216	43.53 3.85 -0.01	41.41 3.28 0.00	40.10 2.90 0.00	39.28 2.67 0.00	37.88 2.58 0.00	40.28 3.26 0.00	47.33 4.50 -0.01	54.42 5.26 -0.01	58.43 5.79 -0.01	60.04 5.85 -0.02	64.04 5.20 -5.83	62.92 5.08 -6.04	62.90 4.99 -7.49	61.10 4.94 -8.25	60.17 4.76 -9.17	63.21 5.14 -7.15	67.52 6.47 -0.02	78.78 7.22 -0.01	73.08 6.94 -0.02	67.59 6.44 -0.40	65.63 6.18 -0.02	64.40 5.72 -2.59	59.06 5.47 -1.01	55.04 4.78 -0.01
PPL PILGRIM_ST_GT2 24217	43.53 3.85 -0.01	41.41 3.28 0.00	40.10 2.90 0.00	39.28 2.67 0.00	37.88 2.58 0.00	40.28 3.26 0.00	47.33 4.50 -0.01	54.42 5.26 -0.01	58.43 5.79 -0.01	60.04 5.85 -0.02	64.04 5.20 -5.83	62.92 5.08 -6.04	62.90 4.99 -7.49	61.10 4.94 -8.25	60.17 4.76 -9.17	63.21 5.14 -7.15	67.52 6.47 -0.02	78.78 7.22 -0.01	73.08 6.94 -0.02	67.59 6.44 -0.40	65.63 6.18 -0.02	64.40 5.72 -2.59	59.06 5.47 -1.01	55.04 4.78 -0.01
PPL_SHRM_GT3 24213	43.89 4.20 -0.01	41.68 3.55 0.00	40.32 3.12 0.00	39.50 2.89 0.00	38.05 2.76 0.00	40.50 3.48 0.00	47.63 4.80 -0.01	54.81 5.65 -0.01	58.95 6.31 -0.01	60.53 6.34 -0.02	63.82 4.98 -5.83	62.60 4.76 -6.04	62.60 4.69 -7.49	60.86 4.70 -8.25	59.94 4.53 -9.17	62.96 4.89 -7.15	67.46 6.41 -0.02	78.93 7.37 -0.01	73.22 7.08 -0.02	67.65 6.50 -0.40	65.69 6.24 -0.02	64.23 5.55 -2.59	59.06 5.47 -1.01	54.93 4.67 -0.01
PPL_SHRM_GT4 24214	43.89 4.20 -0.01	41.68 3.55 0.00	40.32 3.12 0.00	39.50 2.89 0.00	38.05 2.76 0.00	40.50 3.48 0.00	47.63 4.80 -0.01	54.81 5.65 -0.01	58.95 6.31 -0.01	60.53 6.34 -0.02	63.82 4.98 -5.83	62.60 4.76 -6.04	62.60 4.69 -7.49	60.86 4.70 -8.25	59.94 4.53 -9.17	62.96 4.89 -7.15	67.46 6.41 -0.02	78.93 7.37 -0.01	73.22 7.08 -0.02	67.65 6.50 -0.40	65.69 6.24 -0.02	64.23 5.55 -2.59	59.06 5.47 -1.01	54.93 4.67 -0.01
PROJECT___ORANGE 1 24174	38.96 -0.71 0.00	37.45 -0.69 0.00	36.52 -0.67 0.00	36.02 -0.59 0.00	34.70 -0.60 0.00	36.25 -0.78 0.00	42.01 -0.81 0.00	48.37 -0.79 0.00	51.79 -0.84 0.00	53.42 -0.76 0.00	52.27 -0.74 0.00	51.07 -0.73 0.00	49.71 -0.71 0.00	47.20 -0.72 0.00	45.59 -0.65 0.00	50.16 -0.76 0.00	60.12 -0.92 0.00	70.62 -0.93 0.00	65.13 -0.99 0.00	59.84 -0.91 0.00	58.42 -1.01 0.00	55.02 -1.07 0.00	51.59 -1.00 0.00	49.55 -0.70 0.00
PROJECT___ORANGE 2 24166	38.96 -0.71 0.00	37.45 -0.69 0.00	36.52 -0.67 0.00	36.02 -0.59 0.00	34.70 -0.60 0.00	36.25 -0.78 0.00	42.01 -0.81 0.00	48.37 -0.79 0.00	51.79 -0.84 0.00	53.42 -0.76 0.00	52.27 -0.74 0.00	51.07 -0.73 0.00	49.71 -0.71 0.00	47.20 -0.72 0.00	45.59 -0.65 0.00	50.16 -0.76 0.00	60.12 -0.92 0.00	70.62 -0.93 0.00	65.13 -0.99 0.00	59.84 -0.91 0.00	58.42 -1.01 0.00	55.02 -1.07 0.00	51.59 -1.00 0.00	49.55 -0.70 0.00
PUCKETT___SOLAR 323809	40.07 0.40 0.00	38.47 0.34 0.00	37.60 0.41 0.00	37.01 0.40 0.00	35.65 0.35 0.00	37.25 0.22 0.00	43.34 0.52 0.00	50.14 0.98 0.00	53.58 0.95 0.00	55.26 1.08 0.00	53.97 0.96 0.00	52.68 0.88 0.00	51.27 0.86 0.00	48.63 0.72 0.00	47.11 0.88 0.00	51.94 1.02 0.00	62.44 1.40 0.00	72.90 1.36 0.00	67.25 1.12 0.00	61.72 0.97 0.00	60.62 1.19 0.00	56.87 0.78 0.00	53.16 0.58 0.00	51.20 0.95 0.00
PYRITES___HYD 24023	40.59 0.91 0.00	39.12 0.99 0.00	38.09 0.89 0.00	37.38 0.77 0.00	36.11 0.81 0.00	37.91 0.89 0.00	44.02 1.20 0.00	50.58 1.43 0.00	54.21 1.58 0.00	55.53 1.35 0.00	54.50 1.48 0.00	53.25 1.45 0.00	51.78 1.36 0.00	49.11 1.20 0.00	47.43 1.20 0.00	52.40 1.48 0.00	62.19 1.16 0.00	72.91 1.36 0.00	66.99 0.86 0.00	61.60 0.85 0.00	60.27 0.83 0.00	57.49 1.40 0.00	54.32 1.74 0.00	51.96 1.71 0.00
QUAKERRD_115KV_BK1 80622	37.57 -2.10 0.00	36.15 -1.98 0.00	35.15 -2.05 0.00	34.82 -1.79 0.00	33.43 -1.87 0.00	34.54 -2.48 0.00	39.96 -2.87 0.00	46.01 -3.15 0.00	49.26 -3.37 0.00	50.98 -3.20 0.00	49.99 -3.02 0.00	48.74 -3.06 0.00	47.49 -2.92 0.00	45.09 -2.83 0.00	43.60 -2.64 0.00	47.92 -3.00 0.00	57.56 -3.48 0.00	68.26 -3.29 0.00	62.75 -3.37 0.00	57.65 -3.10 0.00	55.75 -3.68 0.00	52.50 -3.59 0.00	49.17 -3.42 0.00	47.94 -2.31 0.00
QUENSBRY_115KV_TB8 356137	41.78 2.10 0.00	40.11 1.98 0.00	39.13 1.93 0.00	38.51 1.90 0.00	37.10 1.80 0.00	39.10 2.07 0.00	45.14 2.31 0.00	51.76 2.61 0.00	55.26 2.63 0.00	57.05 2.87 0.00	55.87 2.86 0.00	54.65 2.85 0.00	53.04 2.62 0.00	50.21 2.30 0.00	48.41 2.17 0.00	53.37 2.44 0.00	64.33 3.30 0.00	75.48 3.94 0.00	69.90 3.77 0.00	64.03 3.28 0.00	62.88 3.45 0.00	59.29 3.20 0.00	55.42 2.84 0.00	53.07 2.81 0.00
RAMAPO___LBMP 323565	41.54 1.86 0.00	39.85 1.72 0.00	38.87 1.67 0.00	38.18 1.57 0.00	36.85 1.55 0.00	38.80 1.78 0.00	45.10 2.27 0.00	51.81 2.65 0.00	55.47 2.84 0.00	56.99 2.82 0.00	55.72 2.70 0.00	54.49 2.69 0.00	53.04 2.62 0.00	50.55 2.64 0.00	48.73 2.50 0.00	53.62 2.70 0.00	64.39 3.36 0.00	75.27 3.72 0.00	69.90 3.77 0.00	64.21 3.46 0.00	62.76 3.33 0.00	59.12 3.03 0.00	55.37 2.79 0.00	52.41 2.16 0.00
RANKINE____ 23646	37.85 -1.83 0.00	36.26 -1.87 0.00	35.19 -2.01 0.00	35.11 -1.50 0.00	33.50 -1.80 0.00	34.25 -2.78 0.00	39.53 -3.30 0.00	45.17 -3.98 0.00	48.05 -4.58 0.00	50.06 -4.12 0.00	48.88 -4.13 0.00	47.71 -4.09 0.00	46.43 -3.98 0.00	43.55 -3.69 0.67	42.20 -3.51 0.52	46.85 -4.07 0.00	56.51 -4.52 0.01	61.57 -6.22 3.76	48.49 -6.08 11.55	49.00 -5.71 6.04	54.08 -4.75 0.60	51.55 -4.54 0.00	48.38 -4.21 0.00	48.14 -2.11 0.00
RAVENSWOOD_GT2_1 24244	42.10 2.42 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.62 2.01 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.37 4.62 0.00	63.83 4.40 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00
RAVENSWOOD_GT2_2 24245	42.10 2.42 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.62 2.01 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.37 4.62 0.00	63.83 4.40 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00

RAVENSWOOD_GT2_3 24246	42.10 2.42 0.00	40.38 2.25 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.47 3.84 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.56 5.01 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.17 2.91 0.00
RAVENSWOOD_GT2_4 24247	42.10 2.42 0.00	40.38 2.25 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.47 3.84 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.56 5.01 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.17 2.91 0.00
RAVENSWOOD_GT3_1 24248	42.10 2.42 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00
RAVENSWOOD_GT3_2 24249	42.10 2.42 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00
RAVENSWOOD_GT3_3 24250	42.14 2.46 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.70 2.09 0.00	37.31 2.01 0.00	39.36 2.33 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.52 3.89 0.00	58.08 3.90 0.00	56.78 3.76 0.00	55.53 3.73 0.00	54.10 3.68 0.00	51.60 3.69 0.00	49.70 3.47 0.00	54.69 3.77 0.00	65.67 4.64 0.00	76.63 5.08 0.00	71.15 5.03 0.00	65.49 4.74 0.00	63.89 4.46 0.00	60.18 4.09 0.00	56.27 3.68 0.00	53.22 2.96 0.00
RAVENSWOOD_GT3_4 24251	42.14 2.46 0.00	40.38 2.25 0.00	39.39 2.19 0.00	38.70 2.09 0.00	37.31 2.01 0.00	39.36 2.33 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.52 3.89 0.00	58.08 3.90 0.00	56.78 3.76 0.00	55.53 3.73 0.00	54.10 3.68 0.00	51.60 3.69 0.00	49.70 3.47 0.00	54.69 3.77 0.00	65.67 4.64 0.00	76.63 5.08 0.00	71.15 5.03 0.00	65.49 4.74 0.00	63.89 4.46 0.00	60.18 4.09 0.00	56.27 3.68 0.00	53.22 2.96 0.00
RAVENSWOOD_GT_1 23729	42.34 2.66 0.00	40.61 2.48 0.00	39.57 2.38 0.00	38.88 2.27 0.00	37.52 2.22 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.89 3.74 0.00	58.05 4.16 -1.26	59.92 4.17 -1.57	59.05 4.03 -2.01	57.91 3.99 -2.12	55.00 3.93 -0.65	51.84 3.93 0.00	49.93 3.70 0.00	54.94 4.02 0.00	65.98 4.94 0.00	76.98 5.44 0.00	71.48 5.36 0.00	65.79 5.04 0.00	64.19 4.75 0.00	60.46 4.37 0.00	56.53 3.94 0.00	53.52 3.27 0.00
RAVENSWOOD_GT_10 24258	42.06 2.38 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.62 2.01 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.54 3.39 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.37 4.62 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00
RAVENSWOOD_GT_11 24259	42.06 2.38 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.62 2.01 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.54 3.39 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.37 4.62 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00
RAVENSWOOD_GT_4 24252	42.10 2.42 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00
RAVENSWOOD_GT_5 24254	42.10 2.42 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00
RAVENSWOOD_GT_6 24253	42.10 2.42 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00
RAVENSWOOD_GT_7 24255	42.10 2.42 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.06 2.38 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.62 2.01 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.54 3.39 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.37 4.62 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00
RAVENSWOOD_GT_9 24257	42.06 2.38 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.62 2.01 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.54 3.39 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.56 3.64 0.00	49.65 3.42 0.00	54.64 3.72 0.00	65.61 4.58 0.00	76.48 4.94 0.00	71.09 4.96 0.00	65.37 4.62 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00

RAVENSWOOD___1 23533	42.39 2.70 -0.01	40.62 2.48 -0.01	39.51 2.31 -0.01	38.89 2.27 -0.01	37.53 2.23 -0.01	39.58 2.55 -0.01	46.05 3.21 -0.01	52.89 3.73 -0.01	58.05 4.16 -1.26	59.98 4.23 -1.57	59.10 4.08 -2.01	57.91 3.99 -2.12	55.00 3.93 -0.65	51.85 3.93 -0.01	49.98 3.74 -0.01	55.00 4.08 -0.01	66.11 5.06 -0.01	76.98 5.43 0.00	71.56 5.42 -0.01	65.86 5.10 -0.01	64.25 4.81 0.00	60.53 4.43 -0.01	56.64 4.05 -0.01	53.52 3.26 -0.01
RAVENSWOOD___2 23534	42.30 2.62 -0.01	40.58 2.44 -0.01	39.47 2.27 -0.01	38.85 2.23 -0.01	37.50 2.19 -0.01	39.51 2.48 -0.01	45.96 3.12 -0.01	52.85 3.69 -0.01	58.00 4.11 -1.26	59.86 4.12 -1.57	59.00 3.98 -2.01	57.86 3.93 -2.12	54.95 3.88 -0.65	51.80 3.88 -0.01	49.94 3.70 -0.01	54.90 3.97 -0.01	65.98 4.94 -0.01	76.63 5.08 0.00	71.43 5.29 -0.01	65.74 4.98 -0.01	64.13 4.69 0.00	60.42 4.32 -0.01	56.54 3.95 -0.01	53.48 3.22 -0.01
RAVENSWOOD___3 23535	42.10 2.42 0.00	40.34 2.21 0.00	39.24 2.04 0.00	38.62 2.01 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.74 2.91 0.00	52.59 3.44 0.00	56.42 3.79 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.05 3.63 0.00	51.55 3.64 0.00	49.70 3.47 0.00	54.64 3.72 0.00	65.67 4.64 0.00	76.55 5.01 0.00	71.09 4.96 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.13 4.04 0.00	56.26 3.68 0.00	53.16 2.91 0.00
RAVENSWOOD___4 23820	42.39 2.70 -0.01	40.66 2.52 -0.01	39.55 2.34 -0.01	38.93 2.31 -0.01	37.57 2.26 -0.01	39.58 2.55 -0.01	46.05 3.21 -0.01	52.95 3.79 -0.01	58.05 4.16 -1.26	59.98 4.23 -1.57	59.10 4.08 -2.01	57.91 3.99 -2.12	55.05 3.98 -0.65	51.90 3.97 -0.01	50.03 3.79 -0.01	55.00 4.08 -0.01	66.11 5.06 -0.01	76.98 5.43 0.00	71.56 5.42 -0.01	65.86 5.10 -0.01	64.25 4.81 0.00	60.53 4.43 -0.01	56.64 4.05 -0.01	53.58 3.32 -0.01
RCPL_TRUST___DRP 24196	42.10 2.42 0.00	40.38 2.25 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.52 3.89 0.00	58.08 3.90 0.00	56.78 3.76 0.00	55.53 3.73 0.00	54.10 3.68 0.00	51.60 3.69 0.00	49.70 3.47 0.00	54.69 3.77 0.00	65.67 4.64 0.00	76.63 5.08 0.00	71.15 5.03 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.17 2.91 0.00
RED___ROCHESTER 323720	38.49 -1.19 0.00	37.06 -1.07 0.00	36.27 -0.93 0.00	35.73 -0.88 0.00	34.24 -1.06 0.00	35.28 -1.74 0.00	40.86 -1.97 0.00	47.04 -2.11 0.00	50.37 -2.26 0.00	52.17 -2.00 0.00	51.16 -1.86 0.00	49.94 -1.86 0.00	48.65 -1.77 0.00	46.19 -1.72 0.00	44.57 -1.66 0.00	49.04 -1.88 0.00	58.96 -2.08 0.00	70.19 -1.36 0.00	64.36 -1.78 -0.01	59.17 -1.58 0.00	57.12 -2.32 0.00	53.73 -2.35 0.00	50.22 -2.37 0.00	49.30 -0.96 0.00
REGAN___SOLAR 323812	41.54 1.87 0.00	39.89 1.76 0.00	38.91 1.71 0.00	38.29 1.68 0.00	36.92 1.62 0.00	38.91 1.89 0.00	45.01 2.18 0.00	51.76 2.60 0.00	55.16 2.53 0.00	56.50 2.33 0.00	55.19 2.17 0.00	53.82 2.02 0.00	52.18 1.76 0.00	49.16 1.24 0.00	47.76 1.52 0.00	53.26 2.34 0.00	64.45 3.42 0.00	75.62 4.08 0.00	70.09 3.97 0.00	64.21 3.46 0.00	63.00 3.57 0.00	59.40 3.31 0.00	55.47 2.89 0.00	53.06 2.81 0.00
RENSSELAER___COGEN 23796	40.95 1.27 0.00	39.35 1.22 0.00	38.35 1.15 0.00	37.78 1.17 0.00	36.43 1.13 0.00	38.28 1.26 0.00	43.98 1.16 0.00	49.99 0.83 0.00	53.52 0.89 0.00	54.99 0.81 0.00	53.75 0.74 0.00	52.47 0.67 0.00	51.12 0.71 0.00	48.68 0.76 0.00	46.97 0.74 0.00	51.63 0.71 0.00	61.89 0.85 0.00	72.47 0.93 0.00	67.12 0.99 0.00	61.66 0.91 0.00	60.56 1.13 0.00	57.04 0.95 0.00	53.42 0.84 0.00	50.95 0.70 0.00
REPUBLIC_115KV_BARTNBK 55605	43.45 3.77 0.00	41.72 3.58 0.00	40.65 3.46 0.00	40.05 3.44 0.00	38.55 3.25 0.00	40.69 3.67 0.00	46.89 4.07 0.00	53.82 4.67 0.00	57.31 4.68 0.00	59.21 5.04 0.00	58.00 4.98 0.00	56.67 4.87 0.00	55.00 4.59 0.00	51.94 4.02 0.00	50.07 3.84 0.00	55.45 4.53 0.00	67.20 6.16 0.00	78.84 7.30 0.00	73.07 6.94 0.00	66.83 6.08 0.00	65.74 6.30 0.00	61.87 5.78 0.00	57.79 5.21 0.00	55.48 5.23 0.00
REVERE_CPPR_DRP 24186	40.67 0.99 0.00	39.09 0.95 0.00	38.20 1.00 0.00	37.53 0.92 0.00	36.22 0.92 0.00	38.02 1.00 0.00	44.11 1.28 0.00	50.92 1.77 0.00	54.68 2.05 0.00	56.23 2.06 0.00	55.03 2.01 0.00	53.77 1.97 0.00	52.33 1.92 0.00	49.59 1.68 0.00	47.94 1.71 0.00	52.86 1.94 0.00	63.48 2.44 0.00	74.34 2.79 0.00	68.51 2.38 0.00	62.88 2.13 0.00	61.46 2.02 0.00	57.88 1.79 0.00	54.21 1.63 0.00	51.96 1.71 0.00
REYNLDPA_13_KV_LD 356490	39.84 0.16 0.00	38.36 0.23 0.00	37.34 0.15 0.00	36.76 0.15 0.00	35.44 0.14 0.00	37.17 0.15 0.00	43.08 0.26 0.00	49.40 0.25 0.00	52.89 0.26 0.00	54.34 0.16 0.00	53.39 0.37 0.00	52.21 0.41 0.00	50.77 0.36 0.00	48.20 0.29 0.00	46.51 0.28 0.00	51.33 0.41 0.00	61.22 0.18 0.00	71.76 0.22 0.00	66.13 0.00 0.00	60.81 0.06 0.00	59.49 0.06 0.00	56.37 0.28 0.00	53.11 0.53 0.00	50.70 0.45 0.00
REYNOLDS_115KV_TB3 80639	41.07 1.39 0.00	39.43 1.30 0.00	38.50 1.30 0.00	37.85 1.24 0.00	36.50 1.20 0.00	38.36 1.33 0.00	44.20 1.37 0.00	50.33 1.18 0.00	53.89 1.26 0.00	55.42 1.25 0.00	54.18 1.17 0.00	52.94 1.14 0.00	51.52 1.11 0.00	49.06 1.15 0.00	47.30 1.06 0.00	52.04 1.12 0.00	62.38 1.34 0.00	73.05 1.50 0.00	67.65 1.52 0.00	62.15 1.40 0.00	61.10 1.66 0.00	57.55 1.46 0.00	53.90 1.31 0.00	51.41 1.16 0.00
RIVERBAY____ 323610	42.49 2.82 0.00	40.72 2.59 0.00	39.69 2.49 0.00	38.99 2.38 0.00	37.59 2.29 0.00	39.65 2.63 0.00	46.12 3.30 0.00	52.99 3.83 0.00	56.90 4.26 -0.01	58.46 4.28 -0.01	57.10 4.08 -0.01	55.85 4.04 -0.01	54.41 3.98 -0.01	51.94 4.02 0.00	50.02 3.79 0.00	55.05 4.12 0.00	66.09 5.07 0.02	77.06 5.51 0.00	71.60 5.49 0.02	65.92 5.16 0.00	64.31 4.87 0.00	60.58 4.49 0.00	56.69 4.10 0.00	53.62 3.37 0.00
RIVERSDE_115KV_TB3 55908	41.07 1.39 0.00	39.47 1.33 0.00	38.50 1.30 0.00	37.89 1.28 0.00	36.54 1.24 0.00	38.39 1.37 0.00	44.11 1.28 0.00	50.19 1.03 0.00	53.74 1.11 0.00	55.26 1.08 0.00	54.02 1.01 0.00	52.73 0.93 0.00	51.37 0.96 0.00	48.92 1.01 0.00	47.16 0.92 0.00	51.89 0.97 0.00	62.13 1.10 0.00	72.83 1.29 0.00	67.45 1.32 0.00	61.97 1.22 0.00	60.86 1.43 0.00	57.32 1.23 0.00	53.69 1.10 0.00	51.21 0.95 0.00
ROARING___BROOK_WT_PWR 323790	38.33 -1.35 0.00	36.84 -1.30 0.00	35.93 -1.26 0.00	35.33 -1.28 0.00	34.10 -1.20 0.00	35.80 -1.22 0.00	41.41 -1.41 0.00	47.58 -1.57 0.00	51.05 -1.58 0.00	52.55 -1.62 0.00	51.53 -1.48 0.00	50.45 -1.35 0.00	49.06 -1.36 0.00	46.57 -1.34 0.00	44.94 -1.29 0.00	49.55 -1.37 0.00	59.26 -1.77 0.00	69.62 -1.93 0.00	64.34 -1.78 0.00	59.11 -1.64 0.00	57.83 -1.60 0.00	54.69 -1.40 0.00	51.27 -1.31 0.00	48.90 -1.35 0.00

ROCHESRG_115KV_T4 355643	38.09 -1.59 0.00	36.64 -1.49 0.00	35.60 -1.60 0.00	35.33 -1.28 0.00	33.85 -1.45 0.00	34.88 -2.15 0.00	40.34 -2.48 0.00	46.35 -2.80 0.00	49.63 -3.00 0.00	51.41 -2.76 0.00	50.36 -2.65 0.00	49.11 -2.69 0.00	47.84 -2.57 0.00	45.47 -2.44 0.00	43.97 -2.27 0.00	48.32 -2.60 0.00	58.11 -2.93 0.00	68.97 -2.58 0.00	63.35 -2.78 0.00	58.20 -2.55 0.00	56.23 -3.21 0.00	52.95 -3.14 0.00	49.64 -2.94 0.00	48.59 -1.66 0.00
ROCHESTER_9_IC 23652	38.33 -1.35 0.00	36.91 -1.22 0.00	35.82 -1.38 0.00	35.58 -1.03 0.00	34.10 -1.20 0.00	35.13 -1.89 0.00	40.64 -2.18 0.00	46.79 -2.36 0.00	50.10 -2.53 0.00	51.90 -2.28 0.00	50.89 -2.12 0.00	49.62 -2.18 0.00	48.35 -2.07 0.00	45.90 -2.01 0.00	44.38 -1.85 0.00	48.78 -2.14 0.00	58.72 -2.32 0.00	69.69 -1.86 0.00	64.02 -2.12 -0.01	58.81 -1.94 0.00	56.76 -2.67 0.00	53.45 -2.64 0.00	50.06 -2.52 0.00	49.00 -1.26 0.00
ROCKVIEW_13_KV_LD 356306	42.10 2.42 0.00	40.34 2.21 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.31 2.01 0.00	39.32 2.30 0.00	45.69 2.87 0.00	52.59 3.44 0.00	56.47 3.84 0.00	58.02 3.85 0.00	56.72 3.71 0.00	55.48 3.68 0.00	54.04 3.63 0.00	51.51 3.59 0.00	49.61 3.37 0.00	54.59 3.67 0.00	65.55 4.52 0.00	76.48 4.94 0.00	71.02 4.89 0.00	65.31 4.56 0.00	63.77 4.34 0.00	60.07 3.98 0.00	56.16 3.58 0.00	53.17 2.91 0.00
ROME____115KV_TB2 80656	40.67 0.99 0.00	39.09 0.95 0.00	38.20 1.00 0.00	37.53 0.92 0.00	36.22 0.92 0.00	38.02 1.00 0.00	44.11 1.28 0.00	50.92 1.77 0.00	54.68 2.05 0.00	56.23 2.06 0.00	55.03 2.01 0.00	53.77 1.97 0.00	52.33 1.92 0.00	49.59 1.68 0.00	47.94 1.71 0.00	52.86 1.94 0.00	63.48 2.44 0.00	74.34 2.79 0.00	68.51 2.38 0.00	62.88 2.13 0.00	61.46 2.02 0.00	57.88 1.79 0.00	54.21 1.63 0.00	51.96 1.71 0.00
ROSETON___1 23587	41.46 1.79 0.00	39.77 1.64 0.00	38.72 1.53 0.00	38.15 1.54 0.00	36.82 1.52 0.00	38.76 1.74 0.00	44.97 2.14 0.00	51.61 2.46 0.00	55.31 2.68 0.00	56.88 2.71 0.00	55.56 2.54 0.00	54.29 2.49 0.00	52.88 2.47 0.00	50.40 2.49 0.00	48.59 2.36 0.00	53.42 2.49 0.00	64.21 3.17 0.00	74.98 3.43 0.00	69.56 3.44 0.00	63.97 3.22 0.00	62.58 3.15 0.00	58.95 2.86 0.00	55.21 2.63 0.00	52.31 2.06 0.00
ROSETON___2 23588	41.46 1.79 0.00	39.77 1.64 0.00	38.72 1.53 0.00	38.15 1.54 0.00	36.82 1.52 0.00	38.76 1.74 0.00	44.97 2.14 0.00	51.61 2.46 0.00	55.31 2.68 0.00	56.88 2.71 0.00	55.56 2.54 0.00	54.29 2.49 0.00	52.88 2.47 0.00	50.40 2.49 0.00	48.59 2.36 0.00	53.42 2.49 0.00	64.21 3.17 0.00	74.98 3.43 0.00	69.56 3.44 0.00	63.97 3.22 0.00	62.58 3.15 0.00	58.95 2.86 0.00	55.21 2.63 0.00	52.31 2.06 0.00
ROTRRDAM_115KV_TB3 80664	40.79 1.11 0.00	39.20 1.07 0.00	38.24 1.04 0.00	37.64 1.03 0.00	36.29 0.99 0.00	38.13 1.11 0.00	44.07 1.24 0.00	50.53 1.38 0.00	54.10 1.47 0.00	55.69 1.52 0.00	54.44 1.43 0.00	53.20 1.40 0.00	51.78 1.36 0.00	49.16 1.25 0.00	47.43 1.20 0.00	52.30 1.37 0.00	62.81 1.77 0.00	73.62 2.07 0.00	68.18 2.05 0.00	62.57 1.82 0.00	61.34 1.90 0.00	57.83 1.74 0.00	54.16 1.58 0.00	51.71 1.46 0.00
RUSSELL___1 23602	38.49 -1.19 0.00	37.06 -1.07 0.00	35.97 -1.23 0.00	35.73 -0.88 0.00	34.24 -1.06 0.00	35.28 -1.74 0.00	40.86 -1.97 0.00	47.04 -2.11 0.00	50.37 -2.26 0.00	52.22 -1.95 0.00	51.21 -1.80 0.00	49.93 -1.86 0.00	48.65 -1.76 0.00	46.19 -1.72 0.00	44.66 -1.57 0.00	49.04 -1.88 0.00	59.08 -1.95 0.00	70.19 -1.36 0.00	64.42 -1.72 -0.01	59.17 -1.58 0.00	57.12 -2.32 0.00	53.79 -2.30 0.00	50.32 -2.26 0.00	49.30 -0.95 0.00
RUSSELL___2 23532	38.49 -1.19 0.00	37.06 -1.07 0.00	35.97 -1.23 0.00	35.73 -0.88 0.00	34.24 -1.06 0.00	35.28 -1.74 0.00	40.86 -1.97 0.00	47.04 -2.11 0.00	50.37 -2.26 0.00	52.22 -1.95 0.00	51.21 -1.80 0.00	49.93 -1.86 0.00	48.65 -1.76 0.00	46.19 -1.72 0.00	44.66 -1.57 0.00	49.04 -1.88 0.00	59.08 -1.95 0.00	70.19 -1.36 0.00	64.42 -1.72 -0.01	59.17 -1.58 0.00	57.12 -2.32 0.00	53.79 -2.30 0.00	50.32 -2.26 0.00	49.30 -0.95 0.00
RUSSELL___3 23549	38.49 -1.19 0.00	37.06 -1.07 0.00	35.97 -1.23 0.00	35.73 -0.88 0.00	34.24 -1.06 0.00	35.28 -1.74 0.00	40.86 -1.97 0.00	47.04 -2.11 0.00	50.37 -2.26 0.00	52.22 -1.95 0.00	51.21 -1.80 0.00	49.93 -1.86 0.00	48.65 -1.76 0.00	46.19 -1.72 0.00	44.66 -1.57 0.00	49.04 -1.88 0.00	59.08 -1.95 0.00	70.19 -1.36 0.00	64.42 -1.72 -0.01	59.17 -1.58 0.00	57.12 -2.32 0.00	53.79 -2.30 0.00	50.32 -2.26 0.00	49.30 -0.95 0.00
RUSSELL___4 23556	38.49 -1.19 0.00	37.06 -1.07 0.00	35.97 -1.23 0.00	35.73 -0.88 0.00	34.24 -1.06 0.00	35.28 -1.74 0.00	40.86 -1.97 0.00	47.04 -2.11 0.00	50.37 -2.26 0.00	52.22 -1.95 0.00	51.21 -1.80 0.00	49.93 -1.86 0.00	48.65 -1.76 0.00	46.19 -1.72 0.00	44.66 -1.57 0.00	49.04 -1.88 0.00	59.08 -1.95 0.00	70.19 -1.36 0.00	64.42 -1.72 -0.01	59.17 -1.58 0.00	57.12 -2.32 0.00	53.79 -2.30 0.00	50.32 -2.26 0.00	49.30 -0.95 0.00
RUSSELL___STATION 23914	38.49 -1.19 0.00	37.06 -1.07 0.00	35.97 -1.23 0.00	35.73 -0.88 0.00	34.24 -1.06 0.00	35.28 -1.74 0.00	40.86 -1.97 0.00	47.04 -2.11 0.00	50.37 -2.26 0.00	52.22 -1.95 0.00	51.21 -1.80 0.00	49.93 -1.86 0.00	48.65 -1.76 0.00	46.19 -1.72 0.00	44.66 -1.57 0.00	49.04 -1.88 0.00	59.08 -1.95 0.00	70.19 -1.36 0.00	64.42 -1.72 -0.01	59.17 -1.58 0.00	57.12 -2.32 0.00	53.79 -2.30 0.00	50.32 -2.26 0.00	49.30 -0.95 0.00
S SALMON___HYD 24043	39.12 -0.56 0.00	37.60 -0.53 0.00	36.75 -0.44 0.00	36.10 -0.51 0.00	34.84 -0.46 0.00	36.47 -0.55 0.00	42.23 -0.60 0.00	48.61 -0.54 0.00	52.10 -0.53 0.00	53.63 -0.54 0.00	52.48 -0.53 0.00	51.44 -0.36 0.00	49.96 -0.45 0.00	47.39 -0.53 0.00	45.82 -0.42 0.00	50.51 -0.41 0.00	60.54 -0.49 0.00	71.05 -0.50 0.00	65.40 -0.73 0.00	60.03 -0.73 0.00	58.60 -0.83 0.00	55.36 -0.73 0.00	51.96 -0.63 0.00	49.90 -0.35 0.00
S.PERRY___115KV_TB1 80734	39.44 -0.24 0.00	37.98 -0.15 0.00	36.86 -0.33 0.00	36.65 0.04 0.00	35.19 -0.11 0.00	36.25 -0.78 0.00	42.23 -0.60 0.00	48.71 -0.44 0.00	52.00 -0.63 0.00	53.63 -0.54 0.00	52.38 -0.64 0.00	50.97 -0.83 0.00	49.61 -0.81 0.00	49.44 -0.86 -2.39	47.37 -0.69 -1.83	50.26 -0.66 0.00	61.14 0.06 -0.05	85.59 0.72 -13.33	107.41 0.13 -41.16	82.29 0.12 -21.41	61.38 -0.18 -2.12	55.64 -0.45 0.00	52.01 -0.58 0.00	50.96 0.70 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.50 -2.18 0.00	35.92 -2.21 0.00	34.81 -2.38 0.00	34.78 -1.83 0.00	33.15 -2.15 0.00	33.80 -3.22 0.00	38.89 -3.94 0.00	44.48 -4.67 0.00	47.37 -5.26 0.00	49.41 -4.77 0.00	48.24 -4.77 0.00	47.09 -4.71 0.00	45.83 -4.59 0.00	43.02 -4.22 0.68	41.74 -3.98 0.52	46.29 -4.63 0.00	55.71 -5.31 0.01	61.47 -6.30 3.78	48.32 -6.15 11.66	48.97 -5.71 6.07	53.31 -5.53 0.60	50.82 -5.27 0.00	47.75 -4.84 0.00	47.59 -2.66 0.00

SAWYER___23_KV_LOAD 55526	37.50 -2.18 0.00	35.92 -2.21 0.00	34.81 -2.38 0.00	34.78 -1.83 0.00	33.15 -2.15 0.00	33.80 -3.22 0.00	38.89 -3.94 0.00	44.48 -4.67 0.00	47.37 -5.26 0.00	49.41 -4.77 0.00	48.24 -4.77 0.00	47.09 -4.71 0.00	45.83 -4.59 0.00	43.02 -4.22 0.68	41.74 -3.98 0.52	46.29 -4.63 0.00	55.71 -5.31 0.01	61.47 -6.30 3.78	48.32 -6.15 11.66	48.97 -5.71 6.07	53.31 -5.53 0.60	50.82 -5.27 0.00	47.75 -4.84 0.00	47.59 -2.66 0.00
SELKIRK___I 23801	41.10 1.43 0.00	39.47 1.33 0.00	38.50 1.30 0.00	37.89 1.28 0.00	36.53 1.23 0.00	38.35 1.33 0.00	44.20 1.37 0.00	50.38 1.23 0.00	53.89 1.26 0.00	55.47 1.30 0.00	54.18 1.16 0.00	52.89 1.09 0.00	51.52 1.11 0.00	49.02 1.10 0.00	47.25 1.02 0.00	52.04 1.12 0.00	62.50 1.46 0.00	73.26 1.71 0.00	67.84 1.72 0.00	62.33 1.58 0.00	61.16 1.72 0.00	57.66 1.57 0.00	54.00 1.42 0.00	51.56 1.30 0.00
SELKIRK___II 23799	40.83 1.15 0.00	39.20 1.07 0.00	38.23 1.04 0.00	37.63 1.02 0.00	36.29 0.99 0.00	38.13 1.11 0.00	43.90 1.07 0.00	50.08 0.93 0.00	53.58 0.95 0.00	55.09 0.92 0.00	53.86 0.85 0.00	52.58 0.78 0.00	51.22 0.80 0.00	48.78 0.86 0.00	47.02 0.79 0.00	51.73 0.81 0.00	62.07 1.04 0.00	72.69 1.14 0.00	67.32 1.19 0.00	61.85 1.09 0.00	60.69 1.25 0.00	57.21 1.12 0.00	53.58 1.00 0.00	51.10 0.85 0.00
SENECA OSWGO___HYD 24041	38.65 -1.03 0.00	37.14 -0.99 0.00	36.30 -0.89 0.00	35.73 -0.88 0.00	34.45 -0.85 0.00	35.99 -1.04 0.00	41.67 -1.15 0.00	47.97 -1.18 0.00	51.37 -1.26 0.00	52.98 -1.19 0.00	51.80 -1.22 0.00	50.66 -1.14 0.00	49.31 -1.11 0.00	46.81 -1.10 0.00	45.17 -1.06 0.00	49.65 -1.27 0.00	59.57 -1.47 0.00	69.97 -1.57 0.00	64.61 -1.52 0.00	59.29 -1.46 0.00	57.89 -1.55 0.00	54.58 -1.51 0.00	51.11 -1.47 0.00	49.04 -1.21 0.00
SENECA___115KV_TB3 355854	37.85 -1.82 0.00	36.30 -1.83 0.00	35.63 -1.56 0.00	35.18 -1.43 0.00	33.57 -1.73 0.00	34.28 -2.74 0.00	39.57 -3.26 0.00	45.22 -3.93 0.00	48.05 -4.58 0.00	50.11 -4.06 0.00	48.88 -4.14 0.00	47.81 -3.99 0.00	46.48 -3.93 0.00	43.60 -3.64 0.67	42.16 -3.56 0.52	46.90 -4.02 0.00	56.44 -4.58 0.01	61.57 -6.23 3.76	48.56 -6.02 11.55	49.00 -5.71 6.04	54.14 -4.70 0.60	51.49 -4.60 0.00	48.27 -4.31 0.00	48.19 -2.06 0.00
SENECA___ENERGY 23797	39.00 -0.67 0.00	37.48 -0.65 0.00	36.64 -0.56 0.00	36.10 -0.51 0.00	34.73 -0.57 0.00	36.17 -0.85 0.00	42.06 -0.77 0.00	48.42 -0.74 0.00	51.73 -0.90 0.00	53.42 -0.76 0.00	52.16 -0.85 0.00	50.92 -0.88 0.00	49.56 -0.86 0.00	47.22 -0.86 0.00	45.53 -0.83 0.00	50.06 -0.87 0.00	60.06 -0.98 0.00	71.45 -1.00 -0.91	67.87 -1.06 -2.80	61.18 -1.03 -1.46	58.57 -1.01 -0.14	55.02 -1.07 0.00	51.53 -1.05 0.00	49.80 -0.45 0.00
SHOEMAKER___GT 23640	41.22 1.55 0.00	39.58 1.45 0.00	38.50 1.30 0.00	37.93 1.32 0.00	36.61 1.31 0.00	38.51 1.48 0.00	44.71 1.88 0.00	51.31 2.16 0.00	54.94 2.31 0.00	56.45 2.27 0.00	55.13 2.12 0.00	53.82 2.02 0.00	52.43 2.02 0.00	49.97 2.06 0.00	48.17 1.94 0.00	53.01 2.09 0.00	63.78 2.75 0.00	74.62 3.07 0.00	69.17 3.04 0.00	63.61 2.86 0.00	62.17 2.74 0.00	58.61 2.53 0.00	54.90 2.31 0.00	52.06 1.81 0.00
SHOEMAKR_138KV_BK 111 55601	41.23 1.55 0.00	39.54 1.41 0.00	38.57 1.38 0.00	37.93 1.32 0.00	36.57 1.27 0.00	38.50 1.48 0.00	44.71 1.88 0.00	51.32 2.16 0.00	54.95 2.32 0.00	56.45 2.28 0.00	55.13 2.12 0.00	53.87 2.07 0.00	52.48 2.07 0.00	49.98 2.06 0.00	48.17 1.94 0.00	53.06 2.14 0.00	63.72 2.69 0.00	74.62 3.08 0.00	69.17 3.04 0.00	63.55 2.79 0.00	62.17 2.73 0.00	58.56 2.47 0.00	54.85 2.26 0.00	52.06 1.81 0.00
SHOREHAM_IC_1 23715	43.89 4.20 -0.01	41.68 3.55 0.00	40.32 3.12 0.00	39.50 2.89 0.00	38.05 2.76 0.00	40.50 3.48 0.00	47.63 4.80 -0.01	54.81 5.65 -0.01	58.95 6.31 -0.01	60.53 6.34 -0.02	63.82 4.98 -5.83	62.60 4.76 -6.04	62.60 4.69 -7.49	60.86 4.70 -8.25	59.94 4.53 -9.17	62.96 4.89 -7.15	67.46 6.41 -0.02	78.93 7.37 -0.01	73.22 7.08 -0.02	67.65 6.50 -0.40	65.69 6.24 -0.02	64.23 5.55 -2.59	59.06 5.47 -1.01	54.93 4.67 -0.01
SHOREHAM_IC_2 23716	43.88 4.21 0.00	41.68 3.55 0.00	40.43 3.24 0.00	39.50 2.89 0.00	38.05 2.75 0.00	40.50 3.48 0.00	47.62 4.80 0.00	54.81 5.65 0.00	58.89 6.26 0.00	60.53 6.34 -0.02	63.77 4.93 -5.83	62.60 4.77 -6.04	62.60 4.69 -7.49	60.86 4.70 -8.25	59.89 4.48 -9.17	63.01 4.94 -7.15	67.40 6.35 -0.02	78.92 7.37 0.00	73.22 7.08 -0.02	67.65 6.50 -0.40	65.69 6.24 -0.02	64.34 5.66 -2.59	59.01 5.42 -1.01	54.92 4.67 0.00
SISSONVILLE____ 23735	40.03 0.36 0.00	38.55 0.42 0.00	37.53 0.33 0.00	36.87 0.26 0.00	35.62 0.32 0.00	37.39 0.37 0.00	43.38 0.56 0.00	49.79 0.64 0.00	53.37 0.74 0.00	54.72 0.54 0.00	53.81 0.80 0.00	52.58 0.78 0.00	51.12 0.71 0.00	48.49 0.57 0.00	46.79 0.55 0.00	51.53 0.61 0.00	60.91 -0.12 0.00	71.40 -0.14 0.00	65.66 -0.46 0.00	60.39 -0.36 0.00	59.08 -0.36 0.00	56.48 0.39 0.00	53.48 0.89 0.00	51.11 0.85 0.00
SITHE_IND_GS1 24169	38.17 -1.51 0.00	36.68 -1.45 0.00	35.86 -1.34 0.00	35.29 -1.32 0.00	33.99 -1.31 0.00	35.54 -1.48 0.00	41.11 -1.71 0.00	47.24 -1.92 0.00	50.52 -2.11 0.00	52.06 -2.11 0.00	50.94 -2.07 0.00	49.78 -2.02 0.00	48.45 -1.97 0.00	46.05 -1.87 0.00	44.43 -1.80 0.00	48.93 -1.99 0.00	58.65 -2.38 0.00	68.90 -2.65 0.00	63.61 -2.51 0.00	58.38 -2.37 0.00	57.00 -2.44 0.00	53.79 -2.30 0.00	50.38 -2.21 0.00	48.34 -1.91 0.00
SITHE_IND_GS2 24170	38.17 -1.51 0.00	36.68 -1.45 0.00	35.86 -1.34 0.00	35.29 -1.32 0.00	33.99 -1.31 0.00	35.54 -1.48 0.00	41.11 -1.71 0.00	47.24 -1.92 0.00	50.52 -2.11 0.00	52.06 -2.11 0.00	50.94 -2.07 0.00	49.78 -2.02 0.00	48.45 -1.97 0.00	46.05 -1.87 0.00	44.43 -1.80 0.00	48.93 -1.99 0.00	58.65 -2.38 0.00	68.90 -2.65 0.00	63.61 -2.51 0.00	58.38 -2.37 0.00	57.00 -2.44 0.00	53.79 -2.30 0.00	50.38 -2.21 0.00	48.34 -1.91 0.00
SITHE_IND_GS3 24171	38.17 -1.51 0.00	36.68 -1.45 0.00	35.86 -1.34 0.00	35.29 -1.32 0.00	33.99 -1.31 0.00	35.54 -1.48 0.00	41.11 -1.71 0.00	47.24 -1.92 0.00	50.52 -2.11 0.00	52.06 -2.11 0.00	50.94 -2.07 0.00	49.78 -2.02 0.00	48.45 -1.97 0.00	46.05 -1.87 0.00	44.43 -1.80 0.00	48.93 -1.99 0.00	58.65 -2.38 0.00	68.90 -2.65 0.00	63.61 -2.51 0.00	58.38 -2.37 0.00	57.00 -2.44 0.00	53.79 -2.30 0.00	50.38 -2.21 0.00	48.34 -1.91 0.00
SITHE_IND_GS4 24172	38.17 -1.51 0.00	36.68 -1.45 0.00	35.86 -1.34 0.00	35.29 -1.32 0.00	33.99 -1.31 0.00	35.54 -1.48 0.00	41.11 -1.71 0.00	47.24 -1.92 0.00	50.52 -2.11 0.00	52.06 -2.11 0.00	50.94 -2.07 0.00	49.78 -2.02 0.00	48.45 -1.97 0.00	46.05 -1.87 0.00	44.43 -1.80 0.00	48.93 -1.99 0.00	58.65 -2.38 0.00	68.90 -2.65 0.00	63.61 -2.51 0.00	58.38 -2.37 0.00	57.00 -2.44 0.00	53.79 -2.30 0.00	50.38 -2.21 0.00	48.34 -1.91 0.00

SITHE___BATAVIA 24024	38.25 -1.43 0.00	36.84 -1.30 0.00	36.08 -1.11 0.00	35.59 -1.02 0.00	33.99 -1.31 0.00	34.73 -2.30 0.00	40.17 -2.66 0.00	46.11 -3.05 0.00	49.26 -3.37 0.00	51.14 -3.03 0.00	50.04 -2.97 0.00	48.79 -3.01 0.00	47.49 -2.93 0.00	45.02 -2.54 0.36	43.33 -2.63 0.27	48.02 -2.90 0.00	57.79 -3.24 0.01	67.00 -2.57 1.98	57.13 -2.97 6.02	54.90 -2.67 3.18	55.67 -3.45 0.32	52.61 -3.48 0.00	49.22 -3.37 0.00	49.00 -1.25 0.00
SITHE___INDEPEND 23800	38.17 -1.51 0.00	36.68 -1.45 0.00	35.78 -1.41 0.00	35.29 -1.32 0.00	33.99 -1.31 0.00	35.54 -1.48 0.00	41.11 -1.71 0.00	47.24 -1.92 0.00	50.52 -2.11 0.00	52.06 -2.11 0.00	50.94 -2.07 0.00	49.78 -2.02 0.00	48.45 -1.97 0.00	46.05 -1.87 0.00	44.43 -1.80 0.00	48.94 -1.99 0.00	58.65 -2.38 0.00	68.90 -2.65 0.00	63.61 -2.51 0.00	58.38 -2.37 0.00	57.00 -2.44 0.00	53.79 -2.30 0.00	50.43 -2.16 0.00	48.34 -1.91 0.00
SITHE___MASSENA 23902	40.03 0.36 0.00	38.55 0.42 0.00	37.53 0.33 0.00	36.90 0.29 0.00	35.62 0.32 0.00	37.36 0.33 0.00	43.30 0.47 0.00	49.64 0.49 0.00	53.21 0.58 0.00	54.66 0.49 0.00	53.70 0.69 0.00	52.47 0.67 0.00	51.02 0.61 0.00	48.44 0.53 0.00	46.74 0.51 0.00	51.58 0.66 0.00	61.47 0.43 0.00	72.05 0.50 0.00	66.33 0.20 0.00	61.06 0.31 0.00	59.67 0.24 0.00	56.65 0.56 0.00	53.37 0.79 0.00	50.95 0.70 0.00
SITHE___OGDNSBRG 24021	40.55 0.87 0.00	39.05 0.92 0.00	38.05 0.86 0.00	37.34 0.73 0.00	36.08 0.78 0.00	37.87 0.85 0.00	43.98 1.16 0.00	50.48 1.33 0.00	54.10 1.47 0.00	55.37 1.19 0.00	54.39 1.38 0.00	53.15 1.35 0.00	51.68 1.26 0.00	49.02 1.10 0.00	47.30 1.06 0.00	52.30 1.37 0.00	62.32 1.28 0.00	72.98 1.43 0.00	67.12 0.99 0.00	61.72 0.97 0.00	60.39 0.95 0.00	57.49 1.40 0.00	54.27 1.68 0.00	51.81 1.56 0.00
SITHE___STERLING 23777	40.39 0.71 0.00	38.85 0.72 0.00	37.98 0.78 0.00	37.30 0.69 0.00	36.01 0.71 0.00	37.76 0.74 0.00	43.81 0.99 0.00	50.53 1.37 0.00	54.21 1.58 0.00	55.80 1.62 0.00	54.55 1.54 0.00	53.30 1.50 0.00	51.88 1.46 0.00	49.16 1.24 0.00	47.53 1.29 0.00	52.40 1.48 0.00	62.86 1.83 0.00	73.62 2.08 0.00	67.91 1.79 0.00	62.33 1.58 0.00	60.92 1.49 0.00	57.38 1.29 0.00	53.74 1.16 0.00	51.51 1.26 0.00
SLEIGHT__34_KV_TB1 80719	38.45 -1.23 0.00	36.99 -1.14 0.00	36.00 -1.19 0.00	35.66 -0.95 0.00	34.24 -1.06 0.00	35.47 -1.55 0.00	41.16 -1.67 0.00	47.48 -1.67 0.00	50.84 -1.79 0.00	52.60 -1.57 0.00	51.53 -1.48 0.00	50.30 -1.50 0.00	49.00 -1.41 0.00	46.48 -1.44 0.00	44.94 -1.29 0.00	49.39 -1.53 0.00	59.45 -1.59 0.00	70.26 -1.29 0.00	64.61 -1.52 0.00	59.35 -1.40 0.00	57.53 -1.90 0.00	54.18 -1.91 0.00	50.69 -1.89 0.00	49.25 -1.01 0.00
SMITHTWN_69_KV_BK 1 55830	43.57 3.89 0.00	41.41 3.28 0.00	40.17 2.98 0.00	39.28 2.67 0.00	37.84 2.54 0.00	40.28 3.26 0.00	47.32 4.50 0.00	54.46 5.31 0.00	58.47 5.84 0.00	60.10 5.91 -0.02	63.98 5.14 -5.83	62.86 5.02 -6.04	62.85 4.94 -7.49	61.05 4.89 -8.25	60.12 4.72 -9.17	63.22 5.14 -7.15	67.52 6.47 -0.02	78.92 7.37 0.00	73.22 7.08 -0.02	67.65 6.50 -0.40	65.75 6.30 -0.02	64.45 5.78 -2.59	59.06 5.47 -1.01	55.02 4.77 0.00
SOUTH CAIRO___GT 23612	42.34 2.66 0.00	40.57 2.44 0.00	39.50 2.31 0.00	38.84 2.23 0.00	37.49 2.19 0.00	39.39 2.37 0.00	45.44 2.61 0.00	51.76 2.61 0.00	55.05 2.42 0.00	56.40 2.22 0.00	54.97 1.96 0.00	53.46 1.66 0.00	52.13 1.71 0.00	49.54 1.63 0.00	47.80 1.57 0.00	52.91 1.99 0.00	63.90 2.87 0.00	75.48 3.94 0.00	69.90 3.77 0.00	64.03 3.28 0.00	62.88 3.45 0.00	59.23 3.14 0.00	55.42 2.84 0.00	52.97 2.71 0.00
SOUTH HAMPTN___IC 23720	44.25 4.56 -0.01	42.02 3.89 0.00	40.65 3.46 0.00	39.83 3.22 0.00	38.34 3.04 0.00	40.84 3.81 0.00	48.06 5.22 -0.01	55.25 6.09 -0.01	59.43 6.79 -0.01	61.13 6.94 -0.02	64.57 5.73 -5.83	63.33 5.49 -6.04	63.25 5.34 -7.49	61.48 5.32 -8.25	60.54 5.13 -9.17	63.67 5.60 -7.15	68.37 7.32 -0.02	79.92 8.37 -0.01	74.21 8.06 -0.02	68.56 7.41 -0.40	66.52 7.07 -0.02	65.01 6.34 -2.59	59.74 6.15 -1.01	55.64 5.38 -0.01
SOUTHDOWN_115KV_TB1 355954	37.85 -1.83 0.00	36.19 -1.94 0.00	35.19 -2.01 0.00	35.11 -1.50 0.00	33.78 -1.52 0.00	35.17 -1.85 0.00	41.24 -1.58 0.00	46.89 -2.26 0.00	49.68 -2.95 0.00	50.71 -3.47 0.00	49.20 -3.82 0.00	48.07 -3.73 0.00	46.73 -3.68 0.00	44.12 -3.45 0.35	42.68 -3.28 0.27	47.05 -3.87 0.00	58.59 -2.44 0.01	64.61 -5.01 1.93	55.50 -4.69 5.93	53.03 -4.62 3.10	56.57 -2.56 0.31	53.28 -2.80 0.00	48.90 -3.68 0.00	48.44 -1.81 0.00
SOUTHOLD_69_KV_BK 2 55809	44.80 5.12 0.00	42.52 4.39 0.00	41.21 4.02 0.00	40.27 3.66 0.00	38.76 3.46 0.00	41.32 4.29 0.00	48.61 5.78 0.00	55.94 6.78 0.00	60.21 7.58 0.00	61.94 7.75 -0.02	65.47 6.63 -5.83	64.21 6.37 -6.04	64.11 6.20 -7.49	62.25 6.09 -8.25	61.23 5.83 -9.17	64.54 6.47 -7.15	69.47 8.42 -0.02	81.35 9.80 0.00	75.53 9.39 -0.02	69.78 8.63 -0.40	67.71 8.26 -0.02	66.19 7.52 -2.59	60.64 7.05 -1.01	56.48 6.23 0.00
SOUTHOLD___IC 23719	44.81 5.12 -0.01	42.52 4.38 0.00	41.14 3.94 0.00	40.27 3.66 0.00	38.76 3.46 0.00	41.32 4.29 0.00	48.61 5.78 -0.01	55.95 6.79 -0.01	60.22 7.58 -0.01	61.94 7.75 -0.02	65.52 6.68 -5.83	64.21 6.37 -6.04	64.11 6.20 -7.49	62.25 6.09 -8.25	61.28 5.87 -9.17	64.54 6.47 -7.15	69.53 8.48 -0.02	81.36 9.80 -0.01	75.53 9.39 -0.02	69.77 8.62 -0.40	67.71 8.26 -0.02	66.08 7.40 -2.59	60.69 7.10 -1.01	56.49 6.23 -0.01
SOUTH_FORK_WT_PWR 323839	44.84 5.16 -0.01	42.55 4.42 0.00	41.18 3.98 0.00	40.31 3.70 0.00	38.80 3.50 0.00	41.35 4.33 0.00	48.66 5.82 -0.01	55.95 6.79 -0.01	60.22 7.58 -0.01	61.94 7.75 -0.02	65.58 6.73 -5.83	64.21 6.37 -6.04	64.11 6.20 -7.49	62.25 6.09 -8.25	61.28 5.87 -9.17	64.54 6.47 -7.15	69.53 8.48 -0.02	81.43 9.88 -0.01	75.60 9.46 -0.02	69.84 8.69 -0.40	67.77 8.32 -0.02	66.14 7.46 -2.59	60.69 7.10 -1.01	56.54 6.28 -0.01
SPIERFLS_115KV_TB 1 80737	41.38 1.71 0.00	39.73 1.60 0.00	38.76 1.56 0.00	38.15 1.54 0.00	36.75 1.45 0.00	38.73 1.70 0.00	44.67 1.84 0.00	51.27 2.11 0.00	54.74 2.11 0.00	56.45 2.28 0.00	55.29 2.28 0.00	54.03 2.23 0.00	52.48 2.07 0.00	49.69 1.77 0.00	47.90 1.66 0.00	52.81 1.88 0.00	63.54 2.50 0.00	74.55 3.00 0.00	69.04 2.91 0.00	63.30 2.55 0.00	62.17 2.73 0.00	58.67 2.58 0.00	54.85 2.26 0.00	52.51 2.26 0.00
ST LAWRENCE____ 23600	39.52 -0.16 0.00	38.02 -0.11 0.00	37.01 -0.19 0.00	36.43 -0.18 0.00	35.12 -0.18 0.00	36.88 -0.15 0.00	42.65 -0.17 0.00	48.96 -0.20 0.00	52.47 -0.16 0.00	53.91 -0.27 0.00	52.91 -0.11 0.00	51.70 -0.10 0.00	50.26 -0.15 0.00	47.77 -0.14 0.00	46.09 -0.14 0.00	50.82 -0.10 0.00	60.73 -0.30 0.00	71.12 -0.43 0.00	65.59 -0.53 0.00	60.33 -0.42 0.00	59.02 -0.41 0.00	55.87 -0.22 0.00	52.53 -0.05 0.00	50.10 -0.15 0.00

STATE_CA_115KV_115_LB 55624	41.23 1.55 0.00	39.58 1.45 0.00	38.61 1.41 0.00	38.00 1.39 0.00	36.64 1.34 0.00	38.50 1.48 0.00	44.20 1.37 0.00	50.19 1.03 0.00	53.68 1.05 0.00	55.26 1.08 0.00	54.02 1.01 0.00	52.73 0.93 0.00	51.37 0.96 0.00	48.92 1.01 0.00	47.20 0.97 0.00	51.89 0.97 0.00	62.19 1.16 0.00	72.83 1.29 0.00	67.45 1.32 0.00	61.97 1.22 0.00	60.80 1.37 0.00	57.32 1.23 0.00	53.64 1.05 0.00	51.21 0.95 0.00
STATE_ST_34_KV_LOAD 55959	39.36 -0.32 0.00	37.79 -0.34 0.00	36.86 -0.33 0.00	36.39 -0.22 0.00	35.05 -0.25 0.00	36.58 -0.44 0.00	42.53 -0.30 0.00	49.01 -0.15 0.00	52.42 -0.21 0.00	54.07 -0.11 0.00	52.91 -0.11 0.00	51.64 -0.16 0.00	50.26 -0.15 0.00	47.72 -0.19 0.00	46.05 -0.18 0.00	50.77 -0.15 0.00	61.10 0.06 0.00	71.76 0.21 0.00	66.19 0.07 0.00	60.75 0.00 0.00	59.38 -0.06 0.00	55.86 -0.22 0.00	52.27 -0.32 0.00	50.25 0.00 0.00
STATION_5_MISC_HYD 23604	38.33 -1.35 0.00	36.91 -1.22 0.00	36.11 -1.08 0.00	35.59 -1.02 0.00	34.10 -1.20 0.00	35.14 -1.89 0.00	40.64 -2.18 0.00	46.79 -2.36 0.00	50.05 -2.58 0.00	51.90 -2.27 0.00	50.84 -2.18 0.00	49.63 -2.17 0.00	48.35 -2.07 0.00	45.90 -2.01 0.00	44.29 -1.94 0.00	48.78 -2.14 0.00	58.59 -2.44 0.00	69.69 -1.86 0.00	63.96 -2.18 -0.01	58.75 -2.00 0.00	56.76 -2.67 0.00	53.40 -2.69 0.00	49.90 -2.68 0.00	49.00 -1.25 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.73 -0.95 0.00	37.25 -0.88 0.00	36.23 -0.97 0.00	35.88 -0.73 0.00	34.49 -0.81 0.00	35.69 -1.33 0.00	41.41 -1.41 0.00	47.68 -1.47 0.00	51.05 -1.58 0.00	52.82 -1.35 0.00	51.74 -1.27 0.00	50.45 -1.35 0.00	49.15 -1.26 0.00	46.62 -1.29 0.00	45.08 -1.16 0.00	49.55 -1.37 0.00	59.63 -1.40 0.00	70.47 -1.07 0.00	64.74 -1.39 0.00	59.48 -1.28 0.00	57.77 -1.66 0.00	54.41 -1.68 0.00	50.95 -1.63 0.00	49.55 -0.70 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.13 -1.55 0.00	36.68 -1.45 0.00	35.63 -1.56 0.00	35.37 -1.24 0.00	33.92 -1.38 0.00	34.99 -2.04 0.00	40.47 -2.36 0.00	46.60 -2.56 0.00	49.89 -2.74 0.00	51.68 -2.49 0.00	50.63 -2.39 0.00	49.42 -2.38 0.00	48.15 -2.27 0.00	45.71 -2.20 0.00	44.20 -2.03 0.00	48.58 -2.34 0.00	58.41 -2.62 0.00	69.33 -2.22 0.00	63.69 -2.45 -0.01	58.51 -2.25 0.00	56.52 -2.91 0.00	53.23 -2.86 0.00	49.85 -2.73 0.00	48.74 -1.51 0.00
STA_56___34_KV_BUS2 355983	38.13 -1.55 0.00	36.68 -1.45 0.00	35.63 -1.56 0.00	35.37 -1.24 0.00	33.92 -1.38 0.00	34.99 -2.04 0.00	40.47 -2.36 0.00	46.60 -2.56 0.00	49.89 -2.74 0.00	51.68 -2.49 0.00	50.63 -2.39 0.00	49.42 -2.38 0.00	48.15 -2.27 0.00	45.71 -2.20 0.00	44.20 -2.03 0.00	48.58 -2.34 0.00	58.41 -2.62 0.00	69.33 -2.22 0.00	63.69 -2.45 -0.01	58.51 -2.25 0.00	56.52 -2.91 0.00	53.23 -2.86 0.00	49.85 -2.73 0.00	48.74 -1.51 0.00
STA_67___115KV_BK2 355882	38.29 -1.39 0.00	36.84 -1.30 0.00	35.74 -1.45 0.00	35.51 -1.10 0.00	34.03 -1.27 0.00	35.06 -1.96 0.00	40.56 -2.27 0.00	46.65 -2.51 0.00	49.95 -2.68 0.00	51.79 -2.38 0.00	50.73 -2.28 0.00	49.47 -2.33 0.00	48.20 -2.22 0.00	45.81 -2.11 0.00	44.29 -1.94 0.00	48.63 -2.29 0.00	58.53 -2.50 0.00	69.54 -2.00 0.00	63.82 -2.31 -0.01	58.63 -2.13 0.00	56.58 -2.85 0.00	53.34 -2.75 0.00	49.96 -2.63 0.00	48.89 -1.36 0.00
STA_7___115KV_9TRANS 80674	38.49 -1.19 0.00	37.06 -1.07 0.00	35.97 -1.23 0.00	35.73 -0.88 0.00	34.24 -1.06 0.00	35.28 -1.74 0.00	40.86 -1.97 0.00	47.04 -2.11 0.00	50.37 -2.26 0.00	52.22 -1.95 0.00	51.21 -1.80 0.00	49.93 -1.86 0.00	48.65 -1.76 0.00	46.19 -1.72 0.00	44.66 -1.57 0.00	49.04 -1.88 0.00	59.08 -1.95 0.00	70.19 -1.36 0.00	64.42 -1.72 -0.01	59.17 -1.58 0.00	57.12 -2.32 0.00	53.79 -2.30 0.00	50.32 -2.26 0.00	49.30 -0.95 0.00
STA_82___115KV_TB1 80780	38.25 -1.43 0.00	36.80 -1.33 0.00	35.74 -1.45 0.00	35.48 -1.13 0.00	33.99 -1.31 0.00	35.02 -2.00 0.00	40.51 -2.31 0.00	46.65 -2.51 0.00	49.89 -2.74 0.00	51.74 -2.44 0.00	50.68 -2.33 0.00	49.42 -2.38 0.00	48.15 -2.27 0.00	45.76 -2.16 0.00	44.24 -1.99 0.00	48.58 -2.34 0.00	58.47 -2.56 0.00	69.47 -2.07 0.00	63.76 -2.38 -0.01	58.57 -2.19 0.00	56.52 -2.91 0.00	53.28 -2.80 0.00	49.90 -2.68 0.00	48.84 -1.41 0.00
STEEL___WIND 323596	37.77 -1.90 0.00	36.26 -1.87 0.00	35.56 -1.64 0.00	35.11 -1.50 0.00	33.50 -1.80 0.00	34.25 -2.78 0.00	39.49 -3.34 0.00	45.12 -4.03 0.00	48.00 -4.63 0.00	50.00 -4.17 0.00	48.82 -4.19 0.00	47.71 -4.09 0.00	46.43 -3.98 0.00	43.50 -3.74 0.67	42.06 -3.65 0.52	46.80 -4.12 0.00	56.32 -4.70 0.01	61.42 -6.37 3.76	48.43 -6.15 11.55	48.94 -5.77 6.04	54.08 -4.76 0.60	51.43 -4.65 0.00	48.17 -4.42 0.00	48.09 -2.16 0.00
STEPHTWN_115KV_BK_2 55603	41.46 1.79 0.00	39.81 1.68 0.00	38.83 1.64 0.00	38.22 1.61 0.00	36.85 1.55 0.00	38.76 1.74 0.00	44.54 1.71 0.00	50.63 1.47 0.00	54.16 1.53 0.00	55.69 1.52 0.00	54.44 1.43 0.00	53.15 1.35 0.00	51.78 1.36 0.00	49.26 1.34 0.00	47.53 1.29 0.00	52.30 1.37 0.00	62.81 1.77 0.00	73.62 2.07 0.00	68.18 2.05 0.00	62.57 1.82 0.00	61.46 2.02 0.00	57.83 1.74 0.00	54.11 1.52 0.00	51.66 1.41 0.00
STEUBEN_REC_LFGE 323667	38.45 -1.23 0.00	36.87 -1.26 0.00	35.89 -1.30 0.00	35.69 -0.92 0.00	34.28 -1.02 0.00	35.47 -1.55 0.00	41.37 -1.46 0.00	47.53 -1.62 0.00	50.52 -2.11 0.00	52.17 -2.00 0.00	50.89 -2.12 0.00	49.68 -2.12 0.00	48.25 -2.17 0.00	47.31 -2.16 -1.55	45.34 -2.08 -1.19	48.63 -2.29 0.00	59.11 -1.95 -0.03	77.13 -3.08 -8.66	89.83 -3.04 -26.75	71.69 -2.98 -13.92	58.68 -2.14 -1.38	53.96 -2.13 0.00	50.48 -2.10 0.00	49.40 -0.85 0.00
STILLWATER___SOLAR 323814	41.54 1.87 0.00	39.89 1.76 0.00	38.91 1.71 0.00	38.29 1.68 0.00	36.89 1.59 0.00	38.84 1.81 0.00	44.84 2.01 0.00	51.37 2.21 0.00	54.94 2.31 0.00	56.61 2.44 0.00	55.40 2.39 0.00	54.13 2.33 0.00	52.63 2.22 0.00	49.93 2.01 0.00	48.13 1.90 0.00	53.06 2.14 0.00	63.84 2.81 0.00	74.84 3.29 0.00	69.30 3.17 0.00	63.61 2.86 0.00	62.46 3.03 0.00	58.89 2.80 0.00	55.11 2.52 0.00	52.66 2.41 0.00
STONY___BROOK 24151	43.58 3.89 -0.01	41.37 3.24 0.00	40.06 2.86 0.00	39.25 2.64 0.00	37.84 2.54 0.00	40.24 3.22 0.00	47.33 4.50 -0.01	54.47 5.31 -0.01	58.48 5.84 -0.01	60.10 5.91 -0.02	63.98 5.14 -5.83	62.81 4.97 -6.04	62.80 4.89 -7.49	61.00 4.84 -8.25	60.07 4.67 -9.17	63.16 5.09 -7.15	67.52 6.47 -0.02	78.86 7.30 -0.01	73.15 7.01 -0.02	67.59 6.44 -0.40	65.69 6.24 -0.02	64.34 5.66 -2.59	59.06 5.47 -1.01	54.98 4.72 -0.01
STURGEON_POOL_HYD 23609	41.62 1.94 0.00	39.89 1.75 0.00	38.91 1.71 0.00	38.22 1.61 0.00	36.92 1.62 0.00	38.84 1.81 0.00	45.18 2.36 0.00	51.95 2.80 0.00	55.58 2.95 0.00	57.10 2.93 0.00	55.72 2.70 0.00	54.39 2.59 0.00	52.99 2.57 0.00	50.45 2.54 0.00	48.64 2.40 0.00	53.57 2.65 0.00	64.45 3.42 0.00	75.41 3.86 0.00	69.96 3.84 0.00	64.34 3.58 0.00	62.88 3.45 0.00	59.23 3.14 0.00	55.42 2.84 0.00	52.56 2.31 0.00

ST_LAW_115_BK7_LBMP 345037	39.52 -0.16 0.00	38.02 -0.11 0.00	37.05 -0.15 0.00	36.43 -0.18 0.00	35.16 -0.14 0.00	36.91 -0.11 0.00	42.70 -0.13 0.00	49.01 -0.15 0.00	52.47 -0.16 0.00	53.96 -0.22 0.00	52.96 -0.05 0.00	51.75 -0.05 0.00	50.31 -0.10 0.00	47.77 -0.14 0.00	46.09 -0.14 0.00	50.87 -0.05 0.00	60.73 -0.30 0.00	71.19 -0.36 0.00	65.67 -0.46 0.00	60.33 -0.42 0.00	59.02 -0.41 0.00	55.92 -0.17 0.00	52.58 0.00 0.00	50.15 -0.10 0.00
ST_LAW_115_BK8_LBMP 345038	39.52 -0.16 0.00	38.02 -0.11 0.00	37.05 -0.15 0.00	36.43 -0.18 0.00	35.16 -0.14 0.00	36.91 -0.11 0.00	42.70 -0.13 0.00	49.01 -0.15 0.00	52.47 -0.16 0.00	53.96 -0.22 0.00	52.96 -0.05 0.00	51.75 -0.05 0.00	50.31 -0.10 0.00	47.77 -0.14 0.00	46.09 -0.14 0.00	50.87 -0.05 0.00	60.73 -0.30 0.00	71.19 -0.36 0.00	65.67 -0.46 0.00	60.33 -0.42 0.00	59.02 -0.41 0.00	55.92 -0.17 0.00	52.58 0.00 0.00	50.15 -0.10 0.00
ST_LAW_230_BK5_LBMP 345035	39.52 -0.16 0.00	38.02 -0.11 0.00	37.01 -0.19 0.00	36.43 -0.18 0.00	35.12 -0.18 0.00	36.88 -0.15 0.00	42.65 -0.17 0.00	48.96 -0.20 0.00	52.47 -0.16 0.00	53.91 -0.27 0.00	52.91 -0.11 0.00	51.70 -0.10 0.00	50.26 -0.15 0.00	47.77 -0.14 0.00	46.09 -0.14 0.00	50.82 -0.10 0.00	60.73 -0.30 0.00	71.12 -0.43 0.00	65.59 -0.53 0.00	60.33 -0.42 0.00	59.02 -0.41 0.00	55.87 -0.22 0.00	52.53 -0.05 0.00	50.10 -0.15 0.00
ST_LAW_230_BK6_LBMP 345036	39.52 -0.16 0.00	38.02 -0.11 0.00	37.01 -0.19 0.00	36.43 -0.18 0.00	35.12 -0.18 0.00	36.88 -0.15 0.00	42.65 -0.17 0.00	48.96 -0.20 0.00	52.47 -0.16 0.00	53.91 -0.27 0.00	52.91 -0.11 0.00	51.70 -0.10 0.00	50.26 -0.15 0.00	47.77 -0.14 0.00	46.09 -0.14 0.00	50.82 -0.10 0.00	60.73 -0.30 0.00	71.12 -0.43 0.00	65.59 -0.53 0.00	60.33 -0.42 0.00	59.02 -0.41 0.00	55.87 -0.22 0.00	52.53 -0.05 0.00	50.10 -0.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.42 1.75 0.00	39.73 1.60 0.00	38.76 1.56 0.00	38.07 1.46 0.00	36.75 1.45 0.00	38.69 1.67 0.00	44.92 2.10 0.00	51.61 2.46 0.00	55.26 2.63 0.00	56.78 2.60 0.00	55.45 2.44 0.00	54.23 2.43 0.00	52.83 2.42 0.00	50.31 2.40 0.00	48.50 2.27 0.00	53.37 2.44 0.00	64.15 3.11 0.00	74.98 3.43 0.00	69.56 3.44 0.00	63.97 3.22 0.00	62.53 3.09 0.00	58.89 2.80 0.00	55.16 2.58 0.00	52.26 2.01 0.00
SWANROAD_115KV_TB1 355699	36.74 -2.94 0.00	35.23 -2.90 0.00	34.11 -3.09 0.00	34.08 -2.53 0.00	32.48 -2.82 0.00	33.02 -4.00 0.00	37.94 -4.88 0.00	43.40 -5.75 0.00	46.21 -6.42 0.00	48.27 -5.91 0.00	47.18 -5.83 0.00	46.00 -5.80 0.00	44.82 -5.60 0.00	42.36 -5.03 0.52	40.93 -4.90 0.40	45.27 -5.65 0.00	54.37 -6.65 0.01	62.23 -6.44 2.87	51.07 -6.35 8.71	50.23 -5.89 4.63	52.08 -6.89 0.46	49.64 -6.45 0.00	46.64 -5.94 0.00	46.58 -3.67 0.00
SYNERGY___BIOGAS 323694	38.29 -1.39 0.00	36.84 -1.30 0.00	35.67 -1.52 0.00	35.55 -1.06 0.00	33.99 -1.31 0.00	34.73 -2.30 0.00	40.17 -2.66 0.00	46.11 -3.05 0.00	49.26 -3.37 0.00	51.20 -2.98 0.00	50.10 -2.92 0.00	48.74 -3.06 0.00	47.49 -2.92 0.00	44.92 -2.64 0.36	43.46 -2.50 0.27	48.02 -2.90 0.00	57.98 -3.05 0.01	67.07 -2.50 1.98	57.19 -2.91 6.02	54.90 -2.67 3.18	55.67 -3.45 0.32	52.72 -3.37 0.00	49.43 -3.16 0.00	49.00 -1.26 0.00
SYRACUSE___ENERGY_ST1 323597	39.16 -0.52 0.00	37.64 -0.50 0.00	36.71 -0.48 0.00	36.21 -0.40 0.00	34.88 -0.42 0.00	36.43 -0.59 0.00	42.23 -0.60 0.00	48.66 -0.49 0.00	52.05 -0.58 0.00	53.69 -0.49 0.00	52.54 -0.48 0.00	51.33 -0.47 0.00	49.96 -0.45 0.00	47.44 -0.48 0.00	45.82 -0.42 0.00	50.41 -0.51 0.00	60.55 -0.49 0.00	71.05 -0.50 0.00	65.60 -0.53 0.00	60.21 -0.55 0.00	58.84 -0.59 0.00	55.42 -0.67 0.00	51.95 -0.63 0.00	49.85 -0.40 0.00
SYRACUSE___ENERGY_ST2 323598	39.16 -0.52 0.00	37.64 -0.50 0.00	36.71 -0.48 0.00	36.21 -0.40 0.00	34.88 -0.42 0.00	36.43 -0.59 0.00	42.23 -0.60 0.00	48.66 -0.49 0.00	52.05 -0.58 0.00	53.69 -0.49 0.00	52.54 -0.48 0.00	51.33 -0.47 0.00	49.96 -0.45 0.00	47.44 -0.48 0.00	45.82 -0.42 0.00	50.41 -0.51 0.00	60.55 -0.49 0.00	71.05 -0.50 0.00	65.60 -0.53 0.00	60.21 -0.55 0.00	58.84 -0.59 0.00	55.42 -0.67 0.00	51.95 -0.63 0.00	49.85 -0.40 0.00
SYRACUSE___POWER 24017	39.12 -0.56 0.00	37.60 -0.53 0.00	36.67 -0.52 0.00	36.17 -0.44 0.00	34.84 -0.46 0.00	36.43 -0.59 0.00	42.23 -0.60 0.00	48.61 -0.54 0.00	52.05 -0.58 0.00	53.69 -0.49 0.00	52.48 -0.53 0.00	51.28 -0.52 0.00	49.91 -0.50 0.00	47.44 -0.48 0.00	45.77 -0.46 0.00	50.41 -0.51 0.00	60.49 -0.55 0.00	70.97 -0.57 0.00	65.53 -0.60 0.00	60.14 -0.61 0.00	58.78 -0.65 0.00	55.36 -0.73 0.00	51.90 -0.68 0.00	49.80 -0.45 0.00
TALLMAN__138KV_BK151 55660	41.66 1.98 0.00	39.92 1.79 0.00	38.94 1.75 0.00	38.26 1.65 0.00	36.92 1.62 0.00	38.91 1.89 0.00	45.22 2.40 0.00	51.91 2.75 0.00	55.63 3.00 0.00	57.15 2.98 0.00	55.87 2.86 0.00	54.60 2.80 0.00	53.19 2.77 0.00	50.69 2.78 0.00	48.87 2.64 0.00	53.77 2.85 0.00	64.58 3.54 0.00	75.48 3.94 0.00	70.09 3.97 0.00	64.40 3.65 0.00	62.94 3.51 0.00	59.29 3.20 0.00	55.48 2.89 0.00	52.56 2.31 0.00
TEALLAVE_115KV_TB7 355573	38.92 -0.75 0.00	37.41 -0.72 0.00	36.52 -0.67 0.00	35.99 -0.62 0.00	34.70 -0.60 0.00	36.25 -0.78 0.00	42.01 -0.81 0.00	48.37 -0.79 0.00	51.74 -0.89 0.00	53.36 -0.81 0.00	52.22 -0.80 0.00	51.02 -0.78 0.00	49.66 -0.76 0.00	47.20 -0.72 0.00	45.54 -0.69 0.00	50.11 -0.81 0.00	60.12 -0.92 0.00	70.55 -1.00 0.00	65.13 -0.99 0.00	59.78 -0.97 0.00	58.37 -1.07 0.00	55.02 -1.07 0.00	51.59 -1.00 0.00	49.50 -0.75 0.00
TELGRAPH_34_KV_EAST 80808	37.65 -2.02 0.00	36.15 -1.98 0.00	35.04 -2.16 0.00	34.96 -1.65 0.00	33.36 -1.94 0.00	34.02 -3.00 0.00	39.23 -3.60 0.00	44.97 -4.18 0.00	48.00 -4.63 0.00	50.00 -4.17 0.00	48.88 -4.13 0.00	47.66 -4.14 0.00	46.43 -3.98 0.00	43.89 -3.59 0.43	42.39 -3.51 0.33	46.85 -4.07 0.00	56.45 -4.58 0.01	64.80 -4.36 2.38	54.36 -4.50 7.27	52.72 -4.19 3.84	54.12 -4.93 0.38	51.38 -4.71 0.00	48.22 -4.36 0.00	47.99 -2.26 0.00
TEMPLE___115KV_TB 2 55572	38.96 -0.71 0.00	37.45 -0.69 0.00	36.52 -0.67 0.00	36.02 -0.59 0.00	34.70 -0.60 0.00	36.25 -0.78 0.00	42.01 -0.81 0.00	48.37 -0.79 0.00	51.79 -0.84 0.00	53.42 -0.76 0.00	52.27 -0.74 0.00	51.07 -0.73 0.00	49.71 -0.71 0.00	47.20 -0.72 0.00	45.59 -0.65 0.00	50.16 -0.76 0.00	60.12 -0.92 0.00	70.62 -0.93 0.00	65.13 -0.99 0.00	59.84 -0.91 0.00	58.42 -1.01 0.00	55.02 -1.07 0.00	51.59 -1.00 0.00	49.55 -0.70 0.00
TIANA____69_KV_BK 1 55817	44.12 4.44 0.00	41.91 3.78 0.00	40.65 3.46 0.00	39.72 3.11 0.00	38.23 2.93 0.00	40.73 3.70 0.00	47.92 5.10 0.00	55.10 5.95 0.00	59.26 6.63 0.00	60.91 6.72 -0.02	64.36 5.51 -5.83	63.17 5.34 -6.04	63.10 5.19 -7.49	61.29 5.13 -8.25	60.35 4.95 -9.17	63.52 5.45 -7.15	68.07 7.02 -0.02	79.70 8.16 0.00	73.95 7.80 -0.02	68.32 7.17 -0.40	66.35 6.89 -0.02	64.96 6.28 -2.59	59.53 5.94 -1.01	55.43 5.18 0.00

TILDEN___115KV_TB1 80814	39.12 -0.56 0.00	37.60 -0.53 0.00	36.67 -0.52 0.00	36.17 -0.44 0.00	34.84 -0.46 0.00	36.43 -0.59 0.00	42.23 -0.60 0.00	48.61 -0.54 0.00	52.05 -0.58 0.00	53.69 -0.49 0.00	52.48 -0.53 0.00	51.28 -0.52 0.00	49.91 -0.50 0.00	47.44 -0.48 0.00	45.77 -0.46 0.00	50.41 -0.51 0.00	60.49 -0.55 0.00	70.97 -0.57 0.00	65.53 -0.60 0.00	60.14 -0.61 0.00	58.78 -0.65 0.00	55.36 -0.73 0.00	51.90 -0.68 0.00	49.80 -0.45 0.00
TRIGEN___CC 323695	42.73 3.06 0.00	40.76 2.63 0.00	39.65 2.45 0.00	38.81 2.20 0.00	37.42 2.12 0.00	39.69 2.67 0.00	46.42 3.60 0.00	53.33 4.18 0.00	57.21 4.58 0.00	58.79 4.60 -0.02	62.98 4.13 -5.83	61.93 4.09 -6.04	61.94 4.03 -7.49	60.14 3.98 -8.25	59.20 3.79 -9.17	62.20 4.12 -7.15	66.18 5.13 -0.02	77.27 5.72 0.00	71.63 5.49 -0.02	66.25 5.10 -0.40	64.33 4.87 -0.02	63.16 4.49 -2.59	57.80 4.21 -1.01	53.97 3.72 0.00
TRINITY___115KV___4 BK 55933	41.03 1.35 0.00	39.43 1.30 0.00	38.46 1.26 0.00	37.82 1.21 0.00	36.46 1.16 0.00	38.32 1.30 0.00	44.02 1.20 0.00	50.04 0.88 0.00	53.58 0.95 0.00	55.10 0.92 0.00	53.86 0.85 0.00	52.58 0.78 0.00	51.22 0.81 0.00	48.78 0.86 0.00	47.02 0.79 0.00	51.74 0.81 0.00	61.95 0.92 0.00	72.62 1.07 0.00	67.25 1.12 0.00	61.72 0.97 0.00	60.62 1.19 0.00	57.15 1.07 0.00	53.48 0.89 0.00	51.06 0.80 0.00
UNION___PROCESSING_DRP 323587	38.25 -1.43 0.00	36.80 -1.33 0.00	35.74 -1.45 0.00	35.48 -1.13 0.00	34.03 -1.27 0.00	35.06 -1.96 0.00	40.56 -2.27 0.00	46.65 -2.51 0.00	49.95 -2.68 0.00	51.74 -2.44 0.00	50.68 -2.33 0.00	49.42 -2.38 0.00	48.15 -2.27 0.00	45.76 -2.16 0.00	44.24 -1.99 0.00	48.58 -2.34 0.00	58.47 -2.56 0.00	69.47 -2.07 0.00	63.76 -2.38 -0.01	58.63 -2.13 0.00	56.58 -2.85 0.00	53.28 -2.80 0.00	49.90 -2.68 0.00	48.84 -1.41 0.00
UPPER HUDSON___HYD 24058	41.38 1.70 0.00	39.73 1.60 0.00	38.76 1.56 0.00	38.15 1.54 0.00	36.75 1.45 0.00	38.73 1.70 0.00	44.67 1.84 0.00	51.27 2.11 0.00	54.74 2.11 0.00	56.45 2.27 0.00	55.29 2.28 0.00	54.03 2.23 0.00	52.48 2.07 0.00	49.69 1.77 0.00	47.89 1.66 0.00	52.81 1.89 0.00	63.60 2.56 0.00	74.55 3.00 0.00	69.03 2.91 0.00	63.30 2.55 0.00	62.17 2.74 0.00	58.67 2.58 0.00	54.84 2.26 0.00	52.51 2.26 0.00
UPPER RAQUET___HYD 24056	40.03 0.36 0.00	38.55 0.42 0.00	37.53 0.33 0.00	36.87 0.26 0.00	35.62 0.32 0.00	37.39 0.37 0.00	43.38 0.56 0.00	49.79 0.64 0.00	53.37 0.74 0.00	54.72 0.54 0.00	53.81 0.80 0.00	52.58 0.78 0.00	51.12 0.71 0.00	48.49 0.58 0.00	46.79 0.56 0.00	51.53 0.61 0.00	60.91 -0.12 0.00	71.40 -0.14 0.00	65.67 -0.46 0.00	60.39 -0.36 0.00	59.08 -0.35 0.00	56.48 0.40 0.00	53.53 0.95 0.00	51.10 0.85 0.00
VALLEY44_115KV_TB2 355964	38.77 -0.91 0.00	37.10 -1.03 0.00	36.04 -1.15 0.00	35.91 -0.70 0.00	34.38 -0.92 0.00	35.36 -1.67 0.00	41.16 -1.67 0.00	46.79 -2.36 0.00	49.58 -3.05 0.00	51.41 -2.76 0.00	50.10 -2.92 0.00	49.00 -2.80 0.00	47.69 -2.72 0.00	45.16 -2.49 0.27	43.67 -2.36 0.20	48.12 -2.80 0.00	58.65 -2.38 0.01	63.49 -6.58 1.48	55.32 -6.28 4.53	52.49 -5.89 2.37	56.58 -2.62 0.24	53.45 -2.64 0.00	50.06 -2.52 0.00	49.35 -0.90 0.00
VALLEY___115KV_TB 1-4 80826	40.87 1.19 0.00	39.24 1.11 0.00	38.31 1.12 0.00	37.67 1.06 0.00	36.32 1.02 0.00	38.13 1.11 0.00	44.11 1.28 0.00	50.73 1.57 0.00	54.42 1.79 0.00	56.07 1.90 0.00	54.92 1.91 0.00	53.66 1.86 0.00	52.18 1.76 0.00	49.45 1.53 0.00	47.67 1.43 0.00	52.45 1.53 0.00	62.87 1.83 0.00	73.62 2.07 0.00	68.04 1.92 0.00	62.51 1.76 0.00	61.16 1.72 0.00	57.77 1.68 0.00	54.16 1.58 0.00	51.81 1.56 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.58 1.90 0.00	39.96 1.83 0.00	39.02 1.82 0.00	38.26 1.65 0.00	36.92 1.62 0.00	38.80 1.78 0.00	45.05 2.23 0.00	52.05 2.90 0.00	55.89 3.26 0.00	57.48 3.30 0.00	56.25 3.23 0.00	54.91 3.11 0.00	53.49 3.08 0.00	50.65 2.73 0.00	48.96 2.73 0.00	53.98 3.06 0.00	65.00 3.97 0.00	75.98 4.44 0.00	70.23 4.10 0.00	64.52 3.77 0.00	63.18 3.74 0.00	59.51 3.42 0.00	55.63 3.05 0.00	53.27 3.02 0.00
VISCHER___FERRY HYD 24020	41.22 1.55 0.00	39.62 1.49 0.00	38.61 1.41 0.00	38.04 1.43 0.00	36.68 1.38 0.00	38.54 1.52 0.00	44.54 1.71 0.00	50.97 1.82 0.00	54.52 1.89 0.00	56.12 1.95 0.00	54.87 1.85 0.00	53.61 1.81 0.00	52.13 1.72 0.00	49.54 1.63 0.00	47.81 1.57 0.00	52.65 1.73 0.00	63.23 2.19 0.00	74.05 2.50 0.00	68.57 2.45 0.00	63.00 2.25 0.00	61.93 2.50 0.00	58.39 2.30 0.00	54.63 2.05 0.00	52.11 1.86 0.00
V_A_10_SYNC_DSASP 323832	37.30 -2.38 0.00	35.84 -2.29 0.00	34.78 -2.42 0.00	34.63 -1.98 0.00	33.08 -2.22 0.00	33.80 -3.22 0.00	38.93 -3.90 0.00	44.63 -4.52 0.00	47.58 -5.05 0.00	49.57 -4.60 0.00	48.45 -4.56 0.00	47.29 -4.51 0.00	46.03 -4.39 0.00	43.50 -4.07 0.34	42.13 -3.84 0.26	46.49 -4.43 0.00	55.84 -5.19 0.01	64.68 -4.94 1.93	55.27 -4.89 5.97	53.10 -4.56 3.09	53.72 -5.41 0.31	50.98 -5.10 0.00	47.85 -4.73 0.00	47.34 -2.91 0.00
V_CMM_10_SYNC_DSASP 323787	39.68 0.00 0.00	38.21 0.08 0.00	37.19 0.00 0.00	36.57 -0.04 0.00	35.30 0.00 0.00	37.06 0.04 0.00	42.91 0.09 0.00	49.20 0.05 0.00	52.74 0.11 0.00	54.17 0.00 0.00	53.17 0.16 0.00	51.95 0.16 0.00	50.57 0.15 0.00	48.01 0.10 0.00	46.32 0.09 0.00	51.12 0.20 0.00	61.03 0.00 0.00	71.48 -0.07 0.00	65.86 -0.26 0.00	60.57 -0.18 0.00	59.26 -0.18 0.00	56.14 0.06 0.00	52.85 0.26 0.00	50.45 0.20 0.00
V_CMP_10_SYNC_DSASP 323788	39.40 -0.28 0.00	37.98 -0.15 0.00	36.90 -0.30 0.00	36.24 -0.37 0.00	34.98 -0.32 0.00	36.69 -0.33 0.00	42.61 -0.21 0.00	48.76 -0.39 0.00	52.37 -0.26 0.00	53.80 -0.38 0.00	52.96 -0.05 0.00	51.75 -0.05 0.00	50.31 -0.10 0.00	47.77 -0.14 0.00	46.14 -0.09 0.00	50.97 0.05 0.00	60.85 -0.18 0.00	71.33 -0.21 0.00	65.60 -0.53 0.00	60.39 -0.36 0.00	59.08 -0.36 0.00	55.92 -0.17 0.00	52.64 0.05 0.00	50.10 -0.15 0.00
V_D_10_SYNC_DSASP 323841	40.03 0.36 0.00	38.55 0.42 0.00	37.53 0.33 0.00	36.90 0.29 0.00	35.62 0.32 0.00	37.36 0.33 0.00	43.30 0.47 0.00	49.64 0.49 0.00	53.21 0.58 0.00	54.66 0.49 0.00	53.65 0.64 0.00	52.47 0.67 0.00	51.02 0.60 0.00	48.44 0.53 0.00	46.74 0.51 0.00	51.58 0.66 0.00	61.46 0.43 0.00	72.05 0.50 0.00	66.32 0.20 0.00	60.99 0.24 0.00	59.67 0.24 0.00	56.65 0.56 0.00	53.37 0.79 0.00	50.96 0.70 0.00
V_E_10_SYNC_DSASP 323830	40.99 1.31 0.00	39.43 1.30 0.00	38.50 1.30 0.00	37.78 1.17 0.00	36.57 1.27 0.00	38.50 1.48 0.00	45.01 2.18 0.00	52.45 3.29 0.00	56.26 3.63 0.00	57.97 3.79 0.00	56.78 3.76 0.00	55.37 3.57 0.00	53.64 3.23 0.00	50.62 2.59 -0.12	49.14 2.82 -0.09	54.23 3.31 0.00	65.74 4.70 0.00	77.71 5.51 -0.66	72.78 4.63 -2.02	65.94 4.13 -1.05	63.58 4.04 -0.10	59.23 3.14 0.00	55.21 2.63 0.00	53.22 2.96 0.00

V_F_30_NSYNC___DSASP 323816	41.54 1.86 0.00	39.92 1.79 0.00	38.94 1.75 0.00	38.33 1.72 0.00	36.92 1.62 0.00	38.84 1.81 0.00	44.84 2.01 0.00	51.41 2.26 0.00	55.00 2.37 0.00	56.67 2.49 0.00	55.45 2.44 0.00	54.18 2.38 0.00	52.68 2.27 0.00	49.98 2.06 0.00	48.17 1.94 0.00	53.11 2.19 0.00	63.90 2.87 0.00	74.91 3.36 0.00	69.37 3.24 0.00	63.67 2.92 0.00	62.53 3.09 0.00	58.95 2.86 0.00	55.16 2.58 0.00	52.71 2.46 0.00
V_F_30_SYNC_DSASP 323786	41.23 1.55 0.00	39.58 1.45 0.00	38.61 1.41 0.00	38.00 1.39 0.00	36.61 1.31 0.00	38.50 1.48 0.00	44.20 1.37 0.00	50.19 1.03 0.00	53.68 1.05 0.00	55.26 1.08 0.00	54.02 1.01 0.00	52.73 0.93 0.00	51.37 0.96 0.00	48.92 1.01 0.00	47.20 0.97 0.00	51.89 0.97 0.00	62.13 1.10 0.00	72.83 1.29 0.00	67.45 1.32 0.00	61.97 1.22 0.00	60.80 1.37 0.00	57.32 1.23 0.00	53.64 1.05 0.00	51.21 0.95 0.00
V_XM_10_SYNC_DSASP 323789	39.40 -0.28 0.00	37.98 -0.15 0.00	36.90 -0.30 0.00	36.24 -0.37 0.00	34.98 -0.32 0.00	36.69 -0.33 0.00	42.61 -0.21 0.00	48.76 -0.39 0.00	52.37 -0.26 0.00	53.80 -0.38 0.00	52.96 -0.05 0.00	51.75 -0.05 0.00	50.31 -0.10 0.00	47.77 -0.14 0.00	46.14 -0.09 0.00	50.97 0.05 0.00	60.85 -0.18 0.00	71.33 -0.21 0.00	65.60 -0.53 0.00	60.39 -0.36 0.00	59.08 -0.36 0.00	55.92 -0.17 0.00	52.64 0.05 0.00	50.10 -0.15 0.00
W.BABYLN_69_KV_BK1 56697	43.61 3.93 0.00	41.45 3.32 0.00	40.24 3.05 0.00	39.36 2.75 0.00	37.91 2.61 0.00	40.32 3.30 0.00	47.37 4.54 0.00	54.46 5.31 0.00	58.47 5.84 0.00	60.10 5.91 -0.02	64.20 5.35 -5.83	63.07 5.23 -6.04	63.05 5.14 -7.49	61.20 5.03 -8.25	60.21 4.81 -9.17	63.37 5.30 -7.15	67.70 6.65 -0.02	79.13 7.58 0.00	73.35 7.21 -0.02	67.83 6.68 -0.40	65.87 6.42 -0.02	64.57 5.89 -2.59	59.16 5.57 -1.01	55.18 4.92 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.74 2.06 0.00	40.04 1.91 0.00	39.05 1.86 0.00	38.37 1.76 0.00	37.03 1.73 0.00	38.99 1.96 0.00	45.35 2.53 0.00	52.05 2.90 0.00	55.74 3.11 0.00	57.26 3.09 0.00	55.98 2.97 0.00	54.70 2.90 0.00	53.34 2.92 0.00	50.79 2.87 0.00	48.96 2.73 0.00	53.87 2.95 0.00	64.70 3.66 0.00	75.63 4.08 0.00	70.23 4.10 0.00	64.52 3.77 0.00	63.06 3.63 0.00	59.40 3.31 0.00	55.63 3.05 0.00	52.66 2.41 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.10 2.42 0.00	40.38 2.25 0.00	39.35 2.16 0.00	38.66 2.05 0.00	37.28 1.98 0.00	39.32 2.30 0.00	45.78 2.95 0.00	52.64 3.49 0.00	56.52 3.89 0.00	58.08 3.90 0.00	56.78 3.76 0.00	55.53 3.73 0.00	54.10 3.68 0.00	51.60 3.69 0.00	49.70 3.47 0.00	54.69 3.77 0.00	65.67 4.64 0.00	76.63 5.08 0.00	71.15 5.03 0.00	65.43 4.68 0.00	63.83 4.40 0.00	60.13 4.04 0.00	56.21 3.63 0.00	53.17 2.91 0.00
W50THST__13_KV_LOAD 356117	42.26 2.58 0.00	40.50 2.36 0.00	39.50 2.31 0.00	38.77 2.16 0.00	37.42 2.12 0.00	39.47 2.44 0.00	45.95 3.13 0.00	52.84 3.69 0.00	56.84 4.21 0.00	58.40 4.23 0.00	57.09 4.08 0.00	55.84 4.04 0.00	54.40 3.98 0.00	51.84 3.93 0.00	49.93 3.70 0.00	54.94 4.02 0.00	65.98 4.94 0.00	76.91 5.37 0.00	71.48 5.36 0.00	65.73 4.98 0.00	64.07 4.64 0.00	60.35 4.26 0.00	56.42 3.84 0.00	53.37 3.12 0.00
WADING RIVER_IC_1 23522	43.89 4.20 -0.01	41.68 3.55 0.00	40.32 3.12 0.00	39.50 2.89 0.00	38.05 2.76 0.00	40.54 3.52 0.00	47.67 4.84 -0.01	54.81 5.65 -0.01	58.95 6.31 -0.01	60.58 6.39 -0.02	63.77 4.93 -5.83	62.60 4.76 -6.04	62.54 4.64 -7.49	60.81 4.65 -8.25	59.89 4.48 -9.17	62.96 4.89 -7.15	67.46 6.41 -0.02	78.86 7.30 -0.01	73.15 7.01 -0.02	67.65 6.50 -0.40	65.63 6.18 -0.02	64.11 5.44 -2.59	59.01 5.42 -1.01	54.88 4.62 -0.01
WADING RIVER_IC_2 23547	43.89 4.20 -0.01	41.68 3.55 0.00	40.32 3.12 0.00	39.50 2.89 0.00	38.05 2.76 0.00	40.54 3.52 0.00	47.67 4.84 -0.01	54.81 5.65 -0.01	58.95 6.31 -0.01	60.58 6.39 -0.02	63.77 4.93 -5.83	62.60 4.76 -6.04	62.54 4.64 -7.49	60.81 4.65 -8.25	59.89 4.48 -9.17	62.96 4.89 -7.15	67.46 6.41 -0.02	78.86 7.30 -0.01	73.15 7.01 -0.02	67.65 6.50 -0.40	65.63 6.18 -0.02	64.11 5.44 -2.59	59.01 5.42 -1.01	54.88 4.62 -0.01
WADING RIVER_IC_3 23601	43.89 4.20 -0.01	41.68 3.55 0.00	40.32 3.12 0.00	39.50 2.89 0.00	38.05 2.76 0.00	40.54 3.52 0.00	47.67 4.84 -0.01	54.81 5.65 -0.01	58.95 6.31 -0.01	60.58 6.39 -0.02	63.77 4.93 -5.83	62.60 4.76 -6.04	62.54 4.64 -7.49	60.81 4.65 -8.25	59.89 4.48 -9.17	62.96 4.89 -7.15	67.46 6.41 -0.02	78.86 7.30 -0.01	73.15 7.01 -0.02	67.65 6.50 -0.40	65.63 6.18 -0.02	64.11 5.44 -2.59	59.01 5.42 -1.01	54.88 4.62 -0.01
WALDENNY_12_KV_BK2 80841	37.81 -1.86 0.00	36.23 -1.91 0.00	35.11 -2.08 0.00	35.07 -1.54 0.00	33.46 -1.84 0.00	34.21 -2.81 0.00	39.44 -3.38 0.00	45.07 -4.08 0.00	47.95 -4.68 0.00	50.00 -4.17 0.00	48.82 -4.19 0.00	47.66 -4.14 0.00	46.43 -3.98 0.00	43.57 -3.69 0.66	42.22 -3.51 0.50	46.80 -4.12 0.00	56.44 -4.58 0.01	61.88 -6.01 3.66	49.06 -5.82 11.24	49.40 -5.47 5.88	54.04 -4.81 0.58	51.49 -4.60 0.00	48.33 -4.26 0.00	48.09 -2.16 0.00
WALDEN__HYDRO 24148	41.62 1.94 0.00	39.92 1.79 0.00	38.94 1.75 0.00	38.26 1.65 0.00	36.92 1.62 0.00	38.87 1.85 0.00	45.14 2.31 0.00	51.86 2.70 0.00	55.47 2.84 0.00	56.99 2.82 0.00	55.66 2.65 0.00	54.39 2.59 0.00	52.99 2.57 0.00	50.45 2.54 0.00	48.64 2.40 0.00	53.57 2.65 0.00	64.39 3.36 0.00	75.41 3.86 0.00	69.96 3.84 0.00	64.28 3.52 0.00	62.88 3.45 0.00	59.17 3.08 0.00	55.42 2.84 0.00	52.56 2.31 0.00
WARRENSBURG____ 23737	41.38 1.71 0.00	39.73 1.60 0.00	38.76 1.56 0.00	38.15 1.54 0.00	36.75 1.45 0.00	38.73 1.70 0.00	44.67 1.84 0.00	51.27 2.11 0.00	54.74 2.11 0.00	56.45 2.28 0.00	55.29 2.28 0.00	54.03 2.23 0.00	52.48 2.07 0.00	49.69 1.77 0.00	47.90 1.66 0.00	52.81 1.88 0.00	63.54 2.50 0.00	74.55 3.00 0.00	69.04 2.91 0.00	63.30 2.55 0.00	62.17 2.73 0.00	58.67 2.58 0.00	54.85 2.26 0.00	52.51 2.26 0.00
WATERSIDE____6 8 9 23538	42.38 2.70 0.00	40.65 2.52 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.58 2.55 0.00	46.04 3.21 0.00	52.94 3.78 0.00	58.05 4.16 -1.26	59.97 4.23 -1.57	59.10 4.08 -2.01	57.91 3.99 -2.12	55.05 3.98 -0.65	51.89 3.98 0.00	49.98 3.74 0.00	54.99 4.07 0.00	66.04 5.00 0.00	76.98 5.44 0.00	71.55 5.42 0.00	65.85 5.10 0.00	64.25 4.81 0.00	60.52 4.43 0.00	56.58 4.00 0.00	53.57 3.32 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.59 0.91 0.00	39.01 0.88 0.00	38.05 0.86 0.00	37.42 0.81 0.00	36.11 0.81 0.00	37.87 0.85 0.00	43.85 1.03 0.00	50.38 1.23 0.00	54.00 1.37 0.00	55.64 1.46 0.00	54.39 1.38 0.00	53.20 1.40 0.00	51.73 1.31 0.00	49.06 1.15 0.00	47.34 1.11 0.00	52.09 1.17 0.00	62.50 1.46 0.00	73.19 1.65 0.00	67.65 1.52 0.00	62.15 1.40 0.00	60.80 1.37 0.00	57.43 1.35 0.00	53.85 1.26 0.00	51.46 1.21 0.00

WDELAWARE___HYD 323627	41.70 2.02 0.00	39.92 1.79 0.00	38.87 1.68 0.00	38.22 1.61 0.00	36.92 1.62 0.00	38.87 1.85 0.00	45.27 2.44 0.00	52.00 2.85 0.00	55.63 3.00 0.00	57.10 2.92 0.00	55.71 2.70 0.00	54.34 2.54 0.00	52.93 2.52 0.00	50.40 2.49 0.00	48.59 2.36 0.00	53.52 2.60 0.00	64.51 3.48 0.00	75.70 4.15 0.00	70.16 4.03 0.00	64.52 3.77 0.00	63.06 3.63 0.00	59.40 3.31 0.00	55.58 3.00 0.00	52.76 2.51 0.00
WEST BABYLON___IC 23714	43.61 3.93 0.00	41.45 3.32 0.00	40.24 3.05 0.00	39.36 2.75 0.00	37.91 2.61 0.00	40.32 3.30 0.00	47.37 4.54 0.00	54.46 5.31 0.00	58.47 5.84 0.00	60.10 5.91 -0.02	64.20 5.35 -5.83	63.07 5.23 -6.04	63.05 5.14 -7.49	61.20 5.03 -8.25	60.21 4.81 -9.17	63.37 5.30 -7.15	67.70 6.65 -0.02	79.13 7.58 0.00	73.35 7.21 -0.02	67.83 6.68 -0.40	65.87 6.42 -0.02	64.57 5.89 -2.59	59.16 5.57 -1.01	55.18 4.92 0.00
WEST CANADA___HYD 24049	39.76 0.08 0.00	38.21 0.08 0.00	37.27 0.07 0.00	36.68 0.07 0.00	35.37 0.07 0.00	37.13 0.11 0.00	42.95 0.13 0.00	49.30 0.15 0.00	52.79 0.16 0.00	54.34 0.16 0.00	53.17 0.16 0.00	51.96 0.16 0.00	50.57 0.15 0.00	48.06 0.14 0.00	46.37 0.14 0.00	51.07 0.15 0.00	61.22 0.18 0.00	71.76 0.22 0.00	66.33 0.20 0.00	60.93 0.18 0.00	59.61 0.18 0.00	56.26 0.17 0.00	52.74 0.16 0.00	50.35 0.10 0.00
WESTERN_NY_WIND 24143	38.21 -1.47 0.00	36.76 -1.37 0.00	35.60 -1.60 0.00	35.51 -1.10 0.00	33.92 -1.38 0.00	34.65 -2.37 0.00	40.04 -2.78 0.00	46.01 -3.15 0.00	49.16 -3.47 0.00	51.03 -3.14 0.00	49.94 -3.07 0.00	48.64 -3.16 0.00	47.39 -3.02 0.00	44.80 -2.73 0.39	43.35 -2.59 0.29	47.92 -3.00 0.00	57.79 -3.23 0.01	66.69 -2.72 2.13	56.57 -3.04 6.51	54.52 -2.79 3.44	55.47 -3.63 0.34	52.61 -3.48 0.00	49.27 -3.31 0.00	48.94 -1.31 0.00
WESTOVER___LESR 323668	39.56 -0.12 0.00	37.98 -0.15 0.00	37.05 -0.15 0.00	36.57 -0.04 0.00	35.19 -0.11 0.00	36.69 -0.33 0.00	42.61 -0.21 0.00	49.35 0.20 0.00	52.74 0.11 0.00	54.39 0.22 0.00	53.12 0.11 0.00	51.90 0.10 0.00	50.52 0.10 0.00	48.01 0.10 0.00	46.37 0.14 0.00	51.07 0.15 0.00	61.03 0.00 0.00	71.12 -0.43 0.00	65.66 -0.46 0.00	60.27 -0.49 0.00	59.32 -0.12 0.00	55.81 -0.28 0.00	52.27 -0.32 0.00	50.35 0.10 0.00
WETHRSFD_WT_PWR 323626	37.26 -2.42 0.00	35.77 -2.36 0.00	35.08 -2.12 0.00	34.67 -1.94 0.00	33.18 -2.12 0.00	34.06 -2.96 0.00	39.49 -3.34 0.00	45.12 -4.03 0.00	47.95 -4.68 0.00	49.62 -4.55 0.00	48.45 -4.56 0.00	47.34 -4.46 0.00	46.03 -4.39 0.00	41.29 -4.22 2.41	40.28 -4.11 1.84	46.39 -4.53 0.00	55.99 -5.00 0.05	51.91 -6.23 13.41	18.73 -6.02 41.38	33.62 -5.59 21.54	52.31 -4.99 2.14	51.21 -4.88 0.00	47.90 -4.68 0.00	47.44 -2.81 0.00
WHAVSTOR_138KV_BK127 55557	41.62 1.94 0.00	39.92 1.79 0.00	38.94 1.75 0.00	38.26 1.65 0.00	36.92 1.62 0.00	38.91 1.89 0.00	45.18 2.36 0.00	51.86 2.70 0.00	55.58 2.95 0.00	57.10 2.93 0.00	55.82 2.81 0.00	54.60 2.80 0.00	53.19 2.77 0.00	50.69 2.78 0.00	48.87 2.64 0.00	53.72 2.80 0.00	64.51 3.48 0.00	75.41 3.86 0.00	69.96 3.84 0.00	64.34 3.58 0.00	62.88 3.45 0.00	59.23 3.14 0.00	55.48 2.89 0.00	52.51 2.26 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.62 1.94 0.00	39.92 1.79 0.00	38.94 1.75 0.00	38.26 1.65 0.00	36.92 1.62 0.00	38.91 1.89 0.00	45.18 2.36 0.00	51.86 2.70 0.00	55.58 2.95 0.00	57.10 2.93 0.00	55.82 2.81 0.00	54.60 2.80 0.00	53.19 2.77 0.00	50.69 2.78 0.00	48.87 2.64 0.00	53.72 2.80 0.00	64.51 3.48 0.00	75.41 3.86 0.00	69.96 3.84 0.00	64.34 3.58 0.00	62.88 3.45 0.00	59.23 3.14 0.00	55.48 2.89 0.00	52.51 2.26 0.00
WHITEHAL_115KV_TB1 80871	42.26 2.58 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.99 2.38 0.00	37.56 2.26 0.00	39.61 2.59 0.00	45.69 2.87 0.00	52.45 3.29 0.00	55.89 3.26 0.00	57.70 3.52 0.00	56.51 3.50 0.00	55.22 3.42 0.00	53.59 3.18 0.00	50.69 2.78 0.00	48.91 2.68 0.00	54.03 3.11 0.00	65.25 4.21 0.00	76.56 5.01 0.00	70.89 4.76 0.00	64.94 4.19 0.00	63.77 4.34 0.00	60.13 4.04 0.00	56.16 3.58 0.00	53.82 3.57 0.00
WHITEPLN_13_KV_LOAD 356215	42.22 2.54 0.00	40.50 2.36 0.00	39.50 2.31 0.00	38.81 2.20 0.00	37.42 2.12 0.00	39.43 2.41 0.00	45.78 2.95 0.00	52.84 3.69 0.00	56.79 4.16 0.00	58.35 4.17 0.00	57.04 4.03 0.00	55.79 3.99 0.00	54.35 3.93 0.00	51.70 3.79 0.00	49.84 3.61 0.00	54.89 3.97 0.00	65.86 4.82 0.00	76.91 5.37 0.00	71.35 5.22 0.00	65.55 4.80 0.00	64.01 4.58 0.00	60.30 4.21 0.00	56.37 3.79 0.00	53.42 3.17 0.00
WM_FLOYD_69_KV_BK2 356380	43.76 4.09 0.00	41.56 3.43 0.00	40.32 3.12 0.00	39.43 2.82 0.00	37.98 2.68 0.00	40.43 3.41 0.00	47.54 4.71 0.00	54.71 5.55 0.00	58.79 6.16 0.00	60.42 6.23 -0.02	63.98 5.14 -5.83	62.81 4.97 -6.04	62.75 4.84 -7.49	61.01 4.84 -8.25	60.07 4.67 -9.17	63.16 5.09 -7.15	67.58 6.53 -0.02	79.06 7.51 0.00	73.35 7.21 -0.02	67.77 6.62 -0.40	65.81 6.36 -0.02	64.45 5.78 -2.59	59.11 5.52 -1.01	55.08 4.82 0.00
WOODARD__115KV_TB2 355635	38.88 -0.79 0.00	37.37 -0.76 0.00	36.45 -0.74 0.00	35.95 -0.66 0.00	34.63 -0.67 0.00	36.21 -0.81 0.00	41.93 -0.90 0.00	48.27 -0.88 0.00	51.63 -1.00 0.00	53.31 -0.87 0.00	52.11 -0.90 0.00	50.92 -0.88 0.00	49.56 -0.86 0.00	47.10 -0.81 0.00	45.45 -0.79 0.00	50.06 -0.87 0.00	60.00 -1.04 0.00	70.47 -1.07 0.00	65.07 -1.06 0.00	59.72 -1.03 0.00	58.31 -1.13 0.00	54.97 -1.12 0.00	51.53 -1.05 0.00	49.45 -0.80 0.00
WOODMERE_69_KV_BK1 55827	43.21 3.53 0.00	41.18 3.05 0.00	40.02 2.83 0.00	39.17 2.56 0.00	37.74 2.44 0.00	40.06 3.04 0.00	46.85 4.03 0.00	53.87 4.72 0.00	57.79 5.16 0.00	59.44 5.25 -0.02	63.72 4.88 -5.83	62.66 4.82 -6.04	62.60 4.69 -7.50	60.82 4.65 -8.26	59.80 4.39 -9.18	62.86 4.79 -7.16	67.09 6.04 -0.02	78.34 6.80 0.00	72.63 6.48 -0.02	67.11 5.95 -0.40	65.22 5.77 -0.02	63.95 5.27 -2.59	58.49 4.89 -1.01	54.63 4.37 0.00
YORK___WARBASSE 23770	42.34 2.66 0.00	40.61 2.48 0.00	39.61 2.42 0.00	38.92 2.31 0.00	37.56 2.26 0.00	39.54 2.52 0.00	45.99 3.17 0.00	52.94 3.78 0.00	58.21 4.32 -1.26	60.08 4.33 -1.57	59.21 4.19 -2.01	58.01 4.09 -2.12	55.05 3.98 -0.65	51.80 3.88 0.00	49.93 3.70 0.00	54.94 4.02 0.00	66.16 5.13 0.00	77.27 5.72 0.00	71.68 5.55 0.00	65.98 5.22 0.00	64.43 4.99 0.00	60.69 4.60 0.00	56.74 4.15 0.00	53.72 3.47 0.00