

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										11/05/2025	
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		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
24138		44.47	40.62	40.32	39.11	41.24	48.62	61.84	70.96	60.30	52.17	50.06	48.93	50.12	50.79	53.61	57.73	72.37	83.35	71.92	60.80	55.95	50.17	46.01	40.51			
		2.75	2.44	2.17	2.11	2.30	2.88	3.50	4.08	3.31	3.34	3.25	3.32	3.25	3.49	3.71	3.83	4.73	5.89	4.52	3.87	3.85	3.28	3.21	2.65			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	-2.92	-1.35	-4.04	-3.14	-2.27	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00			
74TH STREET_GT_1		44.56	40.70	40.39	39.22	41.32	48.72	61.84	70.96	60.30	52.38	51.81	49.69	52.59	52.73	54.99	57.74	72.37	83.35	71.92	60.85	56.01	50.27	46.10	40.63			
24260		2.84	2.52	2.25	2.22	2.38	2.97	3.50	4.08	3.31	3.29	3.16	3.23	3.17	3.44	3.67	3.83	4.73	5.89	4.52	3.93	3.91	3.37	3.29	2.76			
		-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.67	-4.77	-2.20	-6.59	-5.12	-3.70	-0.02	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.02	-0.01			
74TH STREET_GT_2		44.56	40.70	40.39	39.22	41.32	48.72	61.84	70.96	60.30	52.38	51.81	49.69	52.59	52.73	54.99	57.74	72.37	83.35	71.92	60.85	56.01	50.27	46.10	40.63			
24261		2.84	2.52	2.25	2.22	2.38	2.97	3.50	4.08	3.31	3.29	3.16	3.23	3.17	3.44	3.67	3.83	4.73	5.89	4.52	3.93	3.91	3.37	3.29	2.76			
		-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.67	-4.77	-2.20	-6.59	-5.12	-3.70	-0.02	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.02	-0.01			
ADK HUDSON__FALLS		43.01	39.43	39.40	38.14	40.23	47.52	60.73	69.49	58.93	49.92	45.38	45.50	43.94	45.35	49.00	55.83	70.34	80.41	70.17	58.92	54.06	48.61	44.41	39.22			
24011		1.29	1.26	1.26	1.15	1.29	1.78	2.39	2.61	1.94	1.50	1.49	1.24	1.11	1.19	1.38	1.94	2.71	2.94	2.76	1.99	1.98	1.73	1.63	1.36			
		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			
ADK RESOURCE__RCVRY		43.13	39.54	39.52	38.22	40.39	47.66	60.97	69.69	59.10	50.02	45.46	45.55	43.98	45.31	49.10	55.94	70.54	80.72	70.44	59.14	54.22	48.75	44.50	39.29			
23798		1.42	1.37	1.37	1.22	1.44	1.92	2.63	2.81	2.11	1.60	1.58	1.28	1.16	1.15	1.48	2.05	2.91	3.25	3.04	2.22	2.14	1.88	1.71	1.44			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS__FALLS		43.01	39.43	39.40	38.14	40.23	47.52	60.73	69.49	58.93	49.92	45.38	45.50	43.94	45.35	49.00	55.83	70.34	80.41	70.17	58.92	54.06	48.61	44.41	39.22			
24028		1.29	1.26	1.26	1.15	1.29	1.78	2.39	2.61	1.94	1.50	1.49	1.24	1.11	1.19	1.38	1.94	2.71	2.94	2.76	1.99	1.98	1.73	1.63	1.36			
		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			
ADK_NYS__DAM		42.76	39.20	39.17	38.00	40.15	47.61	60.85	69.69	59.33	50.36	45.82	46.16	44.63	45.84	49.58	56.26	70.68	80.95	70.44	59.43	54.48	49.03	44.80	39.64			
23527		1.04	1.03	1.03	1.00	1.21	1.88	2.51	2.81	2.34	1.94	1.93	1.90	1.80	1.68	1.95	2.37	3.05	3.49	3.04	2.50	2.40	2.16	2.01	1.78			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		42.01	38.51	38.49	37.37	39.26	46.38	59.10	67.61	57.51	48.95	44.50	44.79	43.34	44.73	48.24	54.65	68.65	78.55	68.35	57.67	52.87	47.58	43.47	38.54			
24190		0.29	0.34	0.34	0.37	0.31	0.64	0.76	0.74	0.51	0.53	0.61	0.53	0.51	0.57	0.62	0.75	1.01	1.08	0.94	0.74	0.78	0.70	0.68	0.68			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		42.09	38.55	38.56	37.44	39.37	46.33	59.27	67.88	58.02	49.10	44.50	44.92	43.43	44.73	48.34	54.76	68.45	78.08	68.01	57.50	52.71	47.39	43.13	38.12			
355683		0.38	0.38	0.42	0.44	0.43	0.59	0.93	1.00	1.03	0.68	0.61	0.66	0.60	0.57	0.71	0.86	0.81	0.62	0.61	0.57	0.63	0.52	0.34	0.26			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		42.80	39.24	39.21	38.00	40.03	47.11	60.03	68.62	58.25	49.44	44.81	45.06	43.51	44.96	48.72	55.35	69.60	79.71	69.43	58.58	53.70	48.33	44.12	39.03			
323833		1.08	1.07	1.07	1.00	1.09	1.37	1.69	1.74	1.25	1.02	0.92	0.80	0.68	0.80	1.10	1.46	1.96	2.25	2.02	1.65	1.62	1.45	1.33	1.17			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR		42.80	39.24	39.21	38.00	40.03	47.11	59.97	68.62	58.25	49.44	44.81	45.06	43.51	44.96	48.72	55.35	69.60	79.71	69.43	58.52	53.65	48.28	44.12	39.03			
323834		1.08	1.07	1.07	1.00	1.09	1.37	1.63	1.74	1.25	1.02	0.92	0.80	0.68	0.80	1.10	1.46	1.96	2.25	2.02	1.59	1.56	1.40	1.33	1.17			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY__1		42.01	38.51	38.49	37.37	39.26	46.38	59.10	67.61	57.51	48.95	44.50	44.79	43.34	44.73	48.24	54.65	68.65	78.55	68.35	57.67	52.87	47.58	43.47	38.54			
23571		0.29	0.34	0.34	0.37	0.31	0.64	0.76	0.74	0.51	0.53	0.61	0.53	0.51	0.57	0.62	0.75	1.01	1.08	0.94	0.74	0.78	0.70	0.68	0.68			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.01 0.29 0.00	38.51 0.34 0.00	38.49 0.34 0.00	37.37 0.37 0.00	39.26 0.31 0.00	46.38 0.64 0.00	59.10 0.76 0.00	67.61 0.74 0.00	57.51 0.51 0.00	48.95 0.53 0.00	44.50 0.61 0.00	44.79 0.53 0.00	43.34 0.51 0.00	44.73 0.57 0.00	48.24 0.62 0.00	54.65 0.75 0.00	68.65 1.01 0.00	78.55 1.08 0.00	68.35 0.94 0.00	57.67 0.74 0.00	52.87 0.78 0.00	47.58 0.70 0.00	43.47 0.68 0.00	38.54 0.68 0.00
ALBANY___3 23573	42.01 0.29 0.00	38.51 0.34 0.00	38.49 0.34 0.00	37.37 0.37 0.00	39.26 0.31 0.00	46.38 0.64 0.00	59.10 0.76 0.00	67.61 0.74 0.00	57.51 0.51 0.00	48.95 0.53 0.00	44.50 0.61 0.00	44.79 0.53 0.00	43.34 0.51 0.00	44.73 0.57 0.00	48.24 0.62 0.00	54.65 0.75 0.00	68.65 1.01 0.00	78.55 1.08 0.00	68.35 0.94 0.00	57.67 0.74 0.00	52.87 0.78 0.00	47.58 0.70 0.00	43.47 0.68 0.00	38.54 0.68 0.00
ALBANY___4 23574	42.01 0.29 0.00	38.51 0.34 0.00	38.49 0.34 0.00	37.37 0.37 0.00	39.26 0.31 0.00	46.38 0.64 0.00	59.10 0.76 0.00	67.61 0.74 0.00	57.51 0.51 0.00	48.95 0.53 0.00	44.50 0.61 0.00	44.79 0.53 0.00	43.34 0.51 0.00	44.73 0.57 0.00	48.24 0.62 0.00	54.65 0.75 0.00	68.65 1.01 0.00	78.55 1.08 0.00	68.35 0.94 0.00	57.67 0.74 0.00	52.87 0.78 0.00	47.58 0.70 0.00	43.47 0.68 0.00	38.54 0.68 0.00
ALBANY___LFGE 323615	42.34 0.63 0.00	38.82 0.65 0.00	38.75 0.61 0.00	37.59 0.59 0.00	39.57 0.62 0.00	46.70 0.96 0.00	59.51 1.17 0.00	68.15 1.27 0.00	57.96 0.97 0.00	49.34 0.92 0.00	44.85 0.96 0.00	45.15 0.88 0.00	43.64 0.81 0.00	45.00 0.84 0.00	48.67 1.05 0.00	55.19 1.29 0.00	69.26 1.62 0.00	79.25 1.78 0.00	68.96 1.55 0.00	58.12 1.20 0.00	53.28 1.20 0.00	47.95 1.08 0.00	43.77 0.98 0.00	38.80 0.95 0.00
ALCOA_PA_115KV_PL-6C 55860	42.42 0.71 0.00	38.86 0.69 0.00	38.91 0.76 0.00	37.74 0.74 0.00	39.72 0.78 0.00	46.70 0.96 0.00	59.74 1.40 0.00	68.48 1.61 0.00	58.53 1.54 0.00	49.44 1.02 0.00	44.81 0.92 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.04 0.88 0.00	48.67 1.05 0.00	55.19 1.29 0.00	68.92 1.29 0.00	78.63 1.16 0.00	68.48 1.08 0.00	57.84 0.91 0.00	53.07 0.99 0.00	47.77 0.89 0.00	43.47 0.68 0.00	38.42 0.57 0.00
ALCOA_RYNLDS___DRP 24188	42.42 0.71 0.00	38.86 0.69 0.00	38.91 0.76 0.00	37.74 0.74 0.00	39.72 0.78 0.00	46.70 0.96 0.00	59.74 1.40 0.00	68.48 1.61 0.00	58.53 1.54 0.00	49.44 1.02 0.00	44.81 0.92 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.04 0.88 0.00	48.67 1.05 0.00	55.19 1.29 0.00	68.92 1.29 0.00	78.63 1.16 0.00	68.48 1.08 0.00	57.84 0.91 0.00	53.07 0.99 0.00	47.77 0.89 0.00	43.47 0.68 0.00	38.42 0.57 0.00
ALCOA___DSASP 323711	42.42 0.71 0.00	38.86 0.69 0.00	38.91 0.76 0.00	37.74 0.74 0.00	39.72 0.78 0.00	46.70 0.96 0.00	59.74 1.40 0.00	68.48 1.61 0.00	58.53 1.54 0.00	49.44 1.02 0.00	44.81 0.92 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.04 0.88 0.00	48.67 1.05 0.00	55.19 1.29 0.00	68.92 1.29 0.00	78.63 1.16 0.00	68.48 1.08 0.00	57.84 0.91 0.00	53.07 0.99 0.00	47.77 0.89 0.00	43.47 0.68 0.00	38.42 0.57 0.00
ALLEGHENY___COGEN 23514	41.71 0.00 0.00	38.17 0.00 0.00	38.03 -0.11 0.00	36.96 -0.04 0.00	38.59 -0.35 0.00	44.18 -1.56 0.00	55.95 -2.39 0.00	64.41 -2.47 0.00	55.00 -2.00 0.00	45.98 -2.42 0.02	40.62 -3.25 0.02	40.69 -3.54 0.02	39.55 -3.26 0.02	40.91 -3.22 0.02	43.38 -3.57 0.67	45.38 -3.72 4.79	63.61 -3.99 0.03	74.34 -3.10 0.02	65.36 -2.02 0.02	54.90 -1.99 0.03	49.61 -2.45 0.03	44.79 -2.06 0.03	40.84 -1.92 0.03	36.50 -1.36 0.00
ALTAMONT_115KV_TB 2 55880	42.38 0.67 0.00	38.78 0.61 0.00	38.75 0.61 0.00	37.59 0.59 0.00	39.57 0.62 0.00	46.65 0.91 0.00	59.39 1.05 0.00	67.95 1.07 0.00	57.85 0.85 0.00	49.25 0.82 0.00	44.72 0.83 0.00	45.06 0.80 0.00	43.56 0.73 0.00	45.00 0.84 0.00	48.48 0.86 0.00	54.86 0.97 0.00	68.92 1.29 0.00	78.94 1.47 0.00	68.62 1.21 0.00	57.95 1.02 0.00	53.13 1.04 0.00	47.81 0.94 0.00	43.73 0.94 0.00	38.65 0.79 0.00
ALTONA_WT_PWR 323606	41.71 0.00 0.00	38.17 0.00 0.00	38.26 0.11 0.00	37.15 0.15 0.00	39.10 0.16 0.00	46.06 0.32 0.00	58.98 0.64 0.00	67.62 0.74 0.00	57.79 0.80 0.00	48.96 0.53 0.00	44.46 0.57 0.00	44.93 0.66 0.00	43.43 0.60 0.00	44.65 0.49 0.00	48.24 0.62 0.00	54.75 0.86 0.00	68.38 0.75 0.00	78.08 0.62 0.00	68.01 0.61 0.00	57.50 0.57 0.00	52.71 0.63 0.00	47.21 0.33 0.00	42.70 -0.09 0.00	37.55 -0.30 0.00
AMERICAN_REF_FUEL 24010	39.34 -2.38 0.00	36.07 -2.10 0.00	35.93 -2.21 0.00	35.11 -1.89 0.00	36.30 -2.65 0.00	40.20 -5.54 0.00	50.23 -8.11 0.00	57.98 -8.89 0.00	49.87 -7.13 0.00	42.40 -6.01 0.01	37.73 -6.14 0.01	37.96 -6.29 0.01	37.08 -5.74 0.01	38.18 -5.96 0.01	40.06 -7.19 0.37	43.57 -7.76 2.57	57.74 -9.88 0.02	66.92 -10.53 0.01	58.63 -8.76 0.01	49.34 -7.57 0.02	44.57 -7.50 0.02	40.53 -6.33 0.02	37.51 -5.26 0.02	34.07 -3.79 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.67 -2.04 0.00	36.34 -1.83 0.00	36.08 -2.06 0.00	35.07 -1.93 0.00	36.34 -2.61 0.00	40.75 -4.98 0.00	51.05 -7.29 0.00	58.78 -8.09 0.00	50.04 -6.96 0.00	42.40 -6.01 0.02	38.17 -5.70 0.02	38.36 -5.89 0.02	37.33 -5.48 0.02	38.23 -5.92 0.02	40.80 -6.38 0.44	43.49 -7.28 3.13	58.55 -9.06 0.02	67.68 -9.76 0.02	59.23 -8.16 0.02	49.79 -7.12 0.02	45.14 -6.93 0.02	40.76 -6.09 0.02	37.51 -5.26 0.02	33.73 -4.13 0.00
ARTHUR KILL_GT_1 23520	45.15 3.42 -0.01	41.28 3.09 -0.01	41.01 2.86 -0.01	39.82 2.81 -0.01	41.95 3.00 -0.01	49.50 3.75 -0.01	61.67 3.33 0.00	70.22 3.34 0.00	59.22 2.22 0.00	51.29 2.32 -0.55	50.08 2.33 -3.87	48.44 2.39 -1.79	50.53 2.36 -5.34	50.88 2.56 -4.16	53.34 2.71 -3.01	57.09 3.18 -0.02	71.29 3.65 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.59 3.49 -0.02	50.50 3.61 -0.02	46.74 3.94 -0.02	41.20 3.33 -0.01
ARTHUR_KILL_2 23512	45.02 3.29 -0.01	41.16 2.98 -0.01	40.94 2.78 -0.01	39.67 2.67 -0.01	41.88 2.92 -0.01	49.36 3.61 -0.01	61.43 3.09 0.00	69.96 3.08 0.00	59.04 2.05 0.00	51.15 2.18 -0.55	49.99 2.24 -3.87	48.35 2.30 -1.79	50.44 2.27 -5.34	50.70 2.38 -4.16	53.25 2.62 -3.01	56.93 3.02 -0.02	71.09 3.45 0.00	81.95 4.49 0.00	70.77 3.37 0.00	59.94 3.02 0.00	55.38 3.28 -0.02	50.55 3.66 -0.02	46.62 3.81 -0.02	41.13 3.26 -0.01
ARTHUR_KILL_3 23513	44.22 2.50 -0.01	40.39 2.21 -0.01	40.09 1.94 0.00	38.85 1.85 0.00	41.01 2.06 0.00	48.35 2.61 -0.01	61.37 3.03 0.00	70.56 3.68 0.00	59.96 2.96 0.00	52.01 3.05 -0.54	50.77 3.03 -3.86	49.09 3.05 -1.78	51.20 3.04 -5.33	51.45 3.14 -4.15	54.05 3.43 -3.00	57.41 3.50 -0.01	71.90 4.26 0.00	82.80 5.34 0.00	71.52 4.11 0.00	60.46 3.53 0.00	55.69 3.59 -0.01	49.93 3.05 -0.01	45.75 2.95 -0.01	40.32 2.46 -0.01

ARTHUR_KILL_COGEN 323718	45.15 3.42 -0.01	41.27 3.09 -0.01	41.01 2.86 -0.01	39.78 2.78 -0.01	41.95 3.00 -0.01	49.50 3.75 -0.01	61.61 3.27 0.00	70.09 3.21 0.00	59.21 2.22 0.00	51.29 2.32 -0.55	50.08 2.32 -3.87	48.44 2.39 -1.79	50.52 2.35 -5.34	50.79 2.47 -4.16	53.34 2.71 -3.01	57.09 3.18 -0.02	71.29 3.65 0.00	82.19 4.73 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.54 3.44 -0.02	50.64 3.75 -0.02	46.74 3.93 -0.02	41.20 3.33 -0.01
ASHOKAN____ 23654	43.09 1.37 0.00	39.35 1.18 0.00	39.21 1.07 0.00	38.00 1.00 0.00	40.15 1.21 0.00	47.24 1.51 0.00	60.33 1.98 0.00	68.69 1.81 0.00	57.85 0.86 0.00	49.15 0.73 0.00	44.42 0.53 0.00	44.79 0.53 0.00	43.30 0.47 0.00	44.91 0.75 0.00	48.57 0.95 0.00	55.08 1.18 0.00	69.60 1.96 0.00	80.02 2.55 0.00	69.83 2.42 0.00	58.80 1.88 0.00	54.22 2.14 0.00	48.66 1.78 0.00	44.37 1.58 0.00	39.18 1.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.19 2.18 -0.01	41.33 2.38 -0.01	48.71 2.97 -0.01	61.08 2.74 0.00	70.02 3.14 0.01	59.61 2.62 0.01	51.92 2.95 -0.54	50.65 2.94 -3.82	49.00 2.97 -1.77	51.06 2.95 -5.28	51.80 3.09 -4.54	54.65 3.33 -3.70	57.40 3.50 -0.01	71.42 3.79 0.01	82.18 4.73 0.01	70.97 3.57 0.01	60.10 3.19 0.01	55.74 3.64 -0.01	50.12 3.23 -0.01	46.01 3.21 -0.01	40.59 2.73 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	44.35 2.63 -0.01	40.62 2.44 -0.01	40.40 2.25 -0.01	39.19 2.18 -0.01	41.33 2.38 -0.01	48.71 2.97 -0.01	61.08 2.74 0.00	69.95 3.08 0.01	59.55 2.57 0.01	51.92 2.95 -0.54	50.61 2.90 -3.82	49.00 2.97 -1.77	51.02 2.91 -5.28	51.75 3.04 -4.54	54.60 3.28 -3.70	57.40 3.50 -0.01	71.35 3.72 0.01	82.18 4.73 0.01	70.97 3.57 0.01	60.10 3.19 0.01	55.68 3.59 -0.01	50.12 3.23 -0.01	46.01 3.21 -0.01	40.55 2.69 -0.01
ASTORIA_GT2_1 24094	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
ASTORIA_GT2_2 24095	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
ASTORIA_GT2_3 24096	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
ASTORIA_GT2_4 24097	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
ASTORIA_GT3_1 24098	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
ASTORIA_GT3_2 24099	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
ASTORIA_GT3_3 24100	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
ASTORIA_GT3_4 24101	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
ASTORIA_GT4_1 24102	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
ASTORIA_GT4_2 24103	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
ASTORIA_GT4_3 24104	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01

ASTORIA_GT4_4 24105	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
ASTORIA_GT_1 23523	44.43 2.71 -0.01	40.73 2.56 -0.01	40.48 2.33 -0.01	39.30 2.29 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.26 2.92 0.00	70.16 3.28 0.00	59.67 2.68 0.00	52.01 3.05 -0.54	50.74 3.03 -3.82	49.08 3.05 -1.77	51.15 3.04 -5.28	51.97 3.27 -4.54	54.75 3.43 -3.70	57.52 3.61 -0.02	71.56 3.92 0.00	82.42 4.96 0.00	71.11 3.71 0.00	60.23 3.30 0.00	55.85 3.75 -0.02	50.17 3.28 -0.02	46.10 3.29 -0.02	40.63 2.76 -0.01
ASTORIA_GT_10 24110	44.52 2.79 -0.01	40.73 2.56 -0.01	40.48 2.33 -0.01	39.26 2.26 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.49 3.15 0.00	70.36 3.48 0.00	59.84 2.85 0.00	52.04 2.95 -0.67	51.55 2.90 -4.77	49.38 2.92 -2.20	52.33 2.91 -6.59	52.42 3.14 -5.12	54.61 3.29 -3.70	57.41 3.50 -0.02	71.70 4.06 0.00	82.58 5.11 0.00	71.25 3.84 0.00	60.34 3.42 0.00	55.75 3.65 -0.02	50.13 3.23 -0.02	46.10 3.29 -0.02	40.63 2.76 -0.01
ASTORIA_GT_11 24225	44.52 2.79 -0.01	40.73 2.56 -0.01	40.48 2.33 -0.01	39.26 2.26 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.49 3.15 0.00	70.36 3.48 0.00	59.84 2.85 0.00	52.04 2.95 -0.67	51.55 2.90 -4.77	49.38 2.92 -2.20	52.33 2.91 -6.59	52.42 3.14 -5.12	54.61 3.29 -3.70	57.41 3.50 -0.02	71.70 4.06 0.00	82.58 5.11 0.00	71.25 3.84 0.00	60.34 3.42 0.00	55.75 3.65 -0.02	50.13 3.23 -0.02	46.10 3.29 -0.02	40.63 2.76 -0.01
ASTORIA_GT_12 24226	44.52 2.79 -0.01	40.73 2.56 -0.01	40.48 2.33 -0.01	39.26 2.26 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.49 3.15 0.00	70.36 3.48 0.00	59.84 2.85 0.00	52.04 2.95 -0.67	51.55 2.90 -4.77	49.38 2.92 -2.20	52.33 2.91 -6.59	52.42 3.14 -5.12	54.61 3.29 -3.70	57.41 3.50 -0.02	71.70 4.06 0.00	82.58 5.11 0.00	71.25 3.84 0.00	60.34 3.42 0.00	55.75 3.65 -0.02	50.13 3.23 -0.02	46.10 3.29 -0.02	40.63 2.76 -0.01
ASTORIA_GT_13 24227	44.52 2.79 -0.01	40.73 2.56 -0.01	40.48 2.33 -0.01	39.26 2.26 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.49 3.15 0.00	70.36 3.48 0.00	59.84 2.85 0.00	52.04 2.95 -0.67	51.55 2.90 -4.77	49.38 2.92 -2.20	52.33 2.91 -6.59	52.42 3.14 -5.12	54.61 3.29 -3.70	57.41 3.50 -0.02	71.70 4.06 0.00	82.58 5.11 0.00	71.25 3.84 0.00	60.34 3.42 0.00	55.75 3.65 -0.02	50.13 3.23 -0.02	46.10 3.29 -0.02	40.63 2.76 -0.01
ASTORIA_GT_5 24106	44.43 2.71 -0.01	40.73 2.56 -0.01	40.48 2.33 -0.01	39.30 2.29 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.26 2.92 0.00	70.16 3.28 0.00	59.67 2.68 0.00	52.01 3.05 -0.54	50.74 3.03 -3.82	49.08 3.05 -1.77	51.15 3.04 -5.28	51.97 3.27 -4.54	54.75 3.43 -3.70	57.52 3.61 -0.02	71.56 3.92 0.00	82.42 4.96 0.00	71.11 3.71 0.00	60.23 3.30 0.00	55.85 3.75 -0.02	50.17 3.28 -0.02	46.10 3.29 -0.02	40.63 2.76 -0.01
ASTORIA_GT_7 24107	44.43 2.71 -0.01	40.73 2.56 -0.01	40.48 2.33 -0.01	39.30 2.29 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.26 2.92 0.00	70.16 3.28 0.00	59.67 2.68 0.00	52.01 3.05 -0.54	50.74 3.03 -3.82	49.08 3.05 -1.77	51.15 3.04 -5.28	51.97 3.27 -4.54	54.75 3.43 -3.70	57.52 3.61 -0.02	71.56 3.92 0.00	82.42 4.96 0.00	71.11 3.71 0.00	60.23 3.30 0.00	55.85 3.75 -0.02	50.17 3.28 -0.02	46.10 3.29 -0.02	40.63 2.76 -0.01
ASTORIA_GT_8 24108	44.43 2.71 -0.01	40.73 2.56 -0.01	40.48 2.33 -0.01	39.30 2.29 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.26 2.92 0.00	70.16 3.28 0.00	59.67 2.68 0.00	52.01 3.05 -0.54	50.74 3.03 -3.82	49.08 3.05 -1.77	51.15 3.04 -5.28	51.97 3.27 -4.54	54.75 3.43 -3.70	57.52 3.61 -0.02	71.56 3.92 0.00	82.42 4.96 0.00	71.11 3.71 0.00	60.23 3.30 0.00	55.85 3.75 -0.02	50.17 3.28 -0.02	46.10 3.29 -0.02	40.63 2.76 -0.01
ASTORIA___2 24149	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.19 2.18 -0.01	41.33 2.38 -0.01	48.71 2.97 -0.01	61.08 2.74 0.00	70.02 3.14 0.01	59.61 2.62 0.01	51.92 2.95 -0.54	50.65 2.94 -3.82	49.00 2.97 -1.77	51.06 2.95 -5.28	51.80 3.09 -4.54	54.65 3.33 -3.70	57.40 3.50 -0.01	71.42 3.79 0.01	82.18 4.73 0.01	70.97 3.57 0.01	60.10 3.19 0.01	55.74 3.64 -0.01	50.12 3.23 -0.01	46.01 3.21 -0.01	40.59 2.73 -0.01
ASTORIA___3 23516	44.52 2.80 -0.01	40.70 2.52 -0.01	40.48 2.33 -0.01	39.22 2.22 -0.01	41.37 2.42 -0.01	48.76 3.02 -0.01	61.37 3.03 0.00	70.35 3.48 0.00	59.79 2.79 0.00	52.04 2.95 -0.67	51.50 2.85 -4.77	49.38 2.92 -2.20	52.33 2.91 -6.59	52.33 3.04 -5.12	54.61 3.28 -3.70	57.41 3.50 -0.02	71.70 4.06 0.00	82.50 5.03 0.00	71.25 3.84 0.00	60.34 3.42 0.00	55.69 3.59 -0.02	50.17 3.28 -0.02	46.06 3.25 -0.02	40.63 2.76 -0.01
ASTORIA___4 23517	44.52 2.79 -0.01	40.73 2.56 -0.01	40.48 2.33 -0.01	39.26 2.26 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.49 3.15 0.00	70.36 3.48 0.00	59.84 2.85 0.00	52.04 2.95 -0.67	51.55 2.90 -4.77	49.38 2.92 -2.20	52.33 2.91 -6.59	52.42 3.14 -5.12	54.61 3.29 -3.70	57.41 3.50 -0.02	71.70 4.06 0.00	82.58 5.11 0.00	71.25 3.84 0.00	60.34 3.42 0.00	55.75 3.65 -0.02	50.13 3.23 -0.02	46.10 3.29 -0.02	40.63 2.76 -0.01
ASTORIA___5 23518	44.52 2.80 -0.01	40.70 2.52 -0.01	40.48 2.33 -0.01	39.22 2.22 -0.01	41.37 2.42 -0.01	48.76 3.02 -0.01	61.37 3.03 0.00	70.35 3.48 0.00	59.79 2.79 0.00	52.04 2.95 -0.67	51.50 2.85 -4.77	49.38 2.92 -2.20	52.33 2.91 -6.59	52.33 3.04 -5.12	54.61 3.28 -3.70	57.41 3.50 -0.02	71.70 4.06 0.00	82.50 5.03 0.00	71.25 3.84 0.00	60.34 3.42 0.00	55.69 3.59 -0.02	50.17 3.28 -0.02	46.06 3.25 -0.02	40.63 2.76 -0.01
AST_ENERGY_2_CC3 323677	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.19 2.18 -0.01	41.33 2.38 -0.01	48.71 2.97 -0.01	61.08 2.74 0.00	70.02 3.14 0.01	59.61 2.62 0.01	51.92 2.95 -0.54	50.65 2.94 -3.82	49.00 2.97 -1.77	51.06 2.95 -5.28	51.80 3.09 -4.54	54.65 3.33 -3.70	57.40 3.50 -0.01	71.42 3.79 0.01	82.18 4.73 0.01	70.97 3.57 0.01	60.10 3.19 0.01	55.74 3.64 -0.01	50.12 3.23 -0.01	46.01 3.21 -0.01	40.59 2.73 -0.01
AST_ENERGY_2_CC4 323678	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.19 2.18 -0.01	41.33 2.38 -0.01	48.71 2.97 -0.01	61.08 2.74 0.00	70.02 3.14 0.01	59.61 2.62 0.01	51.92 2.95 -0.54	50.65 2.94 -3.82	49.00 2.97 -1.77	51.06 2.95 -5.28	51.80 3.09 -4.54	54.65 3.33 -3.70	57.40 3.50 -0.01	71.42 3.79 0.01	82.18 4.73 0.01	70.97 3.57 0.01	60.10 3.19 0.01	55.74 3.64 -0.01	50.12 3.23 -0.01	46.01 3.21 -0.01	40.59 2.73 -0.01

ATHENS_STG_1 23668	42.92	39.28	39.17	38.00	40.08	47.15	59.97	68.75	58.42	49.87	45.29	45.68	44.16	45.48	49.10	55.46	69.60	79.79	69.29	58.58	53.75	48.33	44.24	39.07
	1.21	1.11	1.03	1.00	1.13	1.42	1.63	1.87	1.43	1.45	1.40	1.42	1.33	1.32	1.48	1.56	1.96	2.32	1.88	1.65	1.67	1.45	1.46	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	42.92	39.28	39.17	38.00	40.08	47.15	59.97	68.75	58.42	49.87	45.29	45.68	44.16	45.48	49.10	55.46	69.60	79.79	69.29	58.58	53.75	48.33	44.24	39.07
	1.21	1.11	1.03	1.00	1.13	1.42	1.63	1.87	1.43	1.45	1.40	1.42	1.33	1.32	1.48	1.56	1.96	2.32	1.88	1.65	1.67	1.45	1.46	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	42.92	39.28	39.17	38.00	40.08	47.15	59.97	68.75	58.42	49.87	45.29	45.68	44.16	45.48	49.10	55.46	69.60	79.79	69.29	58.58	53.75	48.33	44.24	39.07
	1.21	1.11	1.03	1.00	1.13	1.42	1.63	1.87	1.43	1.45	1.40	1.42	1.33	1.32	1.48	1.56	1.96	2.32	1.88	1.65	1.67	1.45	1.46	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN____LFGE 323710	41.26	37.71	37.69	36.52	38.44	44.96	57.35	65.88	56.20	47.60	42.97	43.34	41.93	43.24	46.78	53.92	66.50	76.46	66.67	56.25	51.21	46.13	42.02	37.21
	-0.46	-0.46	-0.46	-0.48	-0.51	-0.78	-0.99	-1.00	-0.80	-0.82	-0.92	-0.93	-0.90	-0.93	-1.00	-1.08	-1.15	-1.01	-0.74	-0.68	-0.89	-0.75	-0.77	-0.64
	0.00	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	-0.15	-1.10	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00
BABYLON_RES_REC 323704	44.01	40.11	39.63	38.40	40.70	48.02	59.15	62.50	52.26	47.49	45.67	45.59	45.70	47.65	49.88	55.72	70.61	82.03	70.64	60.11	54.37	48.79	46.08	40.92
	2.29	1.95	1.49	1.41	1.75	2.29	0.93	0.94	0.57	0.82	2.77	2.70	3.12	3.31	3.47	1.83	2.97	4.57	3.24	3.19	2.29	1.92	3.29	3.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.12	5.32	5.30	1.76	0.98	1.37	0.26	-0.18	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BALL_HILL_WT_PWR 323825	39.80	36.49	36.31	35.37	36.69	41.21	51.75	59.65	50.90	43.13	38.78	39.07	38.06	39.07	41.68	44.72	59.77	69.08	60.38	50.87	46.18	41.65	38.28	34.45
	-1.92	-1.68	-1.83	-1.63	-2.26	-4.53	-6.59	-7.22	-6.10	-5.28	-5.09	-5.18	-4.76	-5.08	-5.52	-6.20	-7.84	-8.37	-7.01	-6.04	-5.89	-5.20	-4.49	-3.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.42	2.98	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00
BARON_WINDS____WT_PWR 323822	40.00	36.68	36.54	35.59	37.00	42.21	53.21	61.13	51.92	43.79	39.43	39.58	38.51	39.54	42.15	42.66	60.90	70.31	61.38	51.77	47.05	42.39	38.73	34.64
	-1.71	-1.49	-1.60	-1.41	-1.95	-3.52	-5.13	-5.75	-5.07	-4.60	-4.43	-4.65	-4.28	-4.59	-4.62	-5.17	-6.70	-7.13	-6.00	-5.12	-5.00	-4.45	-4.02	-3.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.85	6.06	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.00
BARRETT_IC_1 23704	43.96	40.08	39.67	38.44	40.70	48.03	60.02	68.57	58.17	49.91	47.01	47.58	46.17	48.09	51.73	56.41	71.58	83.05	71.67	60.66	54.96	49.25	45.87	40.66
	2.25	1.91	1.53	1.44	1.75	2.29	1.69	1.94	1.43	1.55	3.33	3.32	3.60	3.75	4.05	2.48	3.85	5.50	4.18	3.65	2.81	2.34	3.08	2.80
	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.25	0.24	0.07	0.21	0.00	0.26	-0.18	-0.06	-0.03	-0.08	-0.08	-0.08	-0.08	-0.07	-0.03	0.00	0.00
BARRETT_IC_10 23701	43.96	40.08	39.67	38.44	40.70	48.03	60.02	68.57	58.17	49.91	47.01	47.58	46.17	48.09	51.73	56.41	71.58	83.05	71.67	60.66	54.96	49.25	45.87	40.66
	2.25	1.91	1.53	1.44	1.75	2.29	1.69	1.94	1.43	1.55	3.33	3.32	3.60	3.75	4.05	2.48	3.85	5.50	4.18	3.65	2.81	2.34	3.08	2.80
	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.25	0.24	0.07	0.21	0.00	0.26	-0.18	-0.06	-0.03	-0.08	-0.08	-0.08	-0.08	-0.07	-0.03	0.00	0.00
BARRETT_IC_11 23702	43.96	40.08	39.67	38.44	40.70	48.03	60.02	68.57	58.17	49.91	47.01	47.58	46.17	48.09	51.73	56.41	71.58	83.05	71.67	60.66	54.96	49.25	45.87	40.66
	2.25	1.91	1.53	1.44	1.75	2.29	1.69	1.94	1.43	1.55	3.33	3.32	3.60	3.75	4.05	2.48	3.85	5.50	4.18	3.65	2.81	2.34	3.08	2.80
	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.25	0.24	0.07	0.21	0.00	0.26	-0.18	-0.06	-0.03	-0.08	-0.08	-0.08	-0.08	-0.07	-0.03	0.00	0.00
BARRETT_IC_12 23703	43.96	40.08	39.67	38.44	40.70	48.03	60.02	68.57	58.17	49.91	47.01	47.58	46.17	48.09	51.73	56.41	71.58	83.05	71.67	60.66	54.96	49.25	45.87	40.66
	2.25	1.91	1.53	1.44	1.75	2.29	1.69	1.94	1.43	1.55	3.33	3.32	3.60	3.75	4.05	2.48	3.85	5.50	4.18	3.65	2.81	2.34	3.08	2.80
	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.25	0.24	0.07	0.21	0.00	0.26	-0.18	-0.06	-0.03	-0.08	-0.08	-0.08	-0.08	-0.07	-0.03	0.00	0.00
BARRETT_IC_2 23705	43.96	40.08	39.67	38.44	40.70	48.03	60.02	68.57	58.17	49.91	47.01	47.58	46.17	48.09	51.73	56.41	71.58	83.05	71.67	60.66	54.96	49.25	45.87	40.66
	2.25	1.91	1.53	1.44	1.75	2.29	1.69	1.94	1.43	1.55	3.33	3.32	3.60	3.75	4.05	2.48	3.85	5.50	4.18	3.65	2.81	2.34	3.08	2.80
	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.25	0.24	0.07	0.21	0.00	0.26	-0.18	-0.06	-0.03	-0.08	-0.08	-0.08	-0.08	-0.07	-0.03	0.00	0.00
BARRETT_IC_3 23706	43.96	40.08	39.67	38.44	40.70	48.03	60.02	68.57	58.17	49.91	47.01	47.58	46.17	48.09	51.73	56.41	71.58	83.05	71.67	60.66	54.96	49.25	45.87	40.66
	2.25	1.91	1.53	1.44	1.75	2.29	1.69	1.94	1.43	1.55	3.33	3.32	3.60	3.75	4.05	2.48	3.85	5.50	4.18	3.65	2.81	2.34	3.08	2.80
	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.25	0.24	0.07	0.21	0.00	0.26	-0.18	-0.06	-0.03	-0.08	-0.08	-0.08	-0.08	-0.07	-0.03	0.00	0.00
BARRETT_IC_4 23707	43.96	40.08	39.67	38.44	40.70	48.03	60.02	68.57	58.17	49.91	47.01	47.58	46.17	48.09	51.73	56.41	71.58	83.05	71.67	60.66	54.96	49.25	45.87	40.66
	2.25	1.91	1.53	1.44	1.75	2.29	1.69	1.94	1.43	1.55	3.33	3.32	3.60	3.75	4.05	2.48	3.85	5.50	4.18	3.65	2.81	2.34	3.08	2.80
	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.25	0.24	0.07	0.21	0.00	0.26	-0.18	-0.06	-0.03	-0.08	-0.08	-0.08	-0.08	-0.07	-0.03	0.00	0.00
BARRETT_IC_5 23708	43.96	40.08	39.67	38.44	40.70	48.03	60.02	68.57	58.17	49.91	47.01	47.58	46.17	48.09	51.73	56.41	71.58	83.05	71.67	60.66	54.96	49.25	45.87	40.66
	2.25	1.91	1.53	1.44	1.75	2.29	1.69	1.94	1.43	1.55	3.33	3.32	3.60	3.75	4.05	2.48	3.85	5.50	4.18	3.65	2.81	2.34	3.08	2.80
	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.25	0.24	0.07	0.21	0.00	0.26	-0.18	-0.06	-0.03	-0.08	-0.08	-0.08	-0.08	-0.07	-0.03	0.00	0.00

BARRETT_IC_6 23709	43.96 2.25 0.00	40.08 1.91 0.00	39.67 1.53 0.00	38.44 1.44 0.00	40.70 1.75 0.00	48.03 2.29 -0.01	60.02 1.69 0.01	68.57 1.94 0.25	58.17 1.43 0.24	49.91 1.55 0.07	47.01 3.33 0.21	47.58 3.32 0.00	46.17 3.60 0.26	48.09 3.75 -0.18	51.73 4.05 -0.06	56.41 2.48 -0.03	71.58 3.85 -0.08	83.05 5.50 -0.08	71.67 4.18 -0.08	60.66 3.65 -0.08	54.96 2.81 -0.07	49.25 2.34 -0.03	45.87 3.08 0.00	40.66 2.80 0.00
BARRETT_IC_7 23710	43.97 2.25 0.00	40.19 2.02 0.00	39.67 1.53 0.00	38.59 1.59 0.00	40.74 1.79 0.00	47.98 2.24 0.00	60.02 1.69 0.01	68.57 1.94 0.25	58.17 1.42 0.24	49.91 1.55 0.07	47.02 3.34 0.21	47.45 3.19 0.00	46.17 3.60 0.26	48.18 3.84 -0.18	51.73 4.05 -0.06	56.40 2.48 -0.03	71.58 3.86 -0.08	83.20 5.65 -0.08	71.67 4.18 -0.08	60.65 3.64 -0.08	54.96 2.81 -0.06	49.30 2.39 -0.03	45.95 3.17 0.00	40.66 2.80 0.00
BARRETT_IC_8 23711	43.96 2.25 0.00	40.08 1.91 0.00	39.67 1.53 0.00	38.44 1.44 0.00	40.70 1.75 0.00	48.03 2.29 -0.01	60.02 1.69 0.01	68.57 1.94 0.25	58.17 1.43 0.24	49.91 1.55 0.07	47.01 3.33 0.21	47.58 3.32 0.00	46.17 3.60 0.26	48.09 3.75 -0.18	51.73 4.05 -0.06	56.41 2.48 -0.03	71.58 3.85 -0.08	83.05 5.50 -0.08	71.67 4.18 -0.08	60.66 3.65 -0.08	54.96 2.81 -0.07	49.25 2.34 -0.03	45.87 3.08 0.00	40.66 2.80 0.00
BARRETT_IC_9 23700	43.96 2.25 0.00	40.08 1.91 0.00	39.67 1.53 0.00	38.44 1.44 0.00	40.70 1.75 0.00	48.03 2.29 -0.01	60.02 1.69 0.01	68.57 1.94 0.25	58.17 1.43 0.24	49.91 1.55 0.07	47.01 3.33 0.21	47.58 3.32 0.00	46.17 3.60 0.26	48.09 3.75 -0.18	51.73 4.05 -0.06	56.41 2.48 -0.03	71.58 3.85 -0.08	83.05 5.50 -0.08	71.67 4.18 -0.08	60.66 3.65 -0.08	54.96 2.81 -0.07	49.25 2.34 -0.03	45.87 3.08 0.00	40.66 2.80 0.00
BARRETT___1 23545	43.96 2.25 0.00	40.08 1.91 0.00	39.67 1.53 0.00	38.44 1.44 0.00	40.70 1.75 0.00	48.03 2.29 -0.01	60.02 1.69 0.01	68.57 1.94 0.25	58.17 1.43 0.24	49.91 1.55 0.07	47.01 3.33 0.21	47.58 3.32 0.00	46.17 3.60 0.26	48.09 3.75 -0.18	51.73 4.05 -0.06	56.41 2.48 -0.03	71.58 3.85 -0.08	83.05 5.50 -0.08	71.67 4.18 -0.08	60.66 3.65 -0.08	54.96 2.81 -0.07	49.25 2.34 -0.03	45.87 3.08 0.00	40.66 2.80 0.00
BARRETT___2 23546	43.96 2.25 0.00	40.08 1.91 0.00	39.67 1.53 0.00	38.44 1.44 0.00	40.70 1.75 0.00	48.03 2.29 -0.01	60.02 1.69 0.01	68.57 1.94 0.25	58.17 1.43 0.24	49.91 1.55 0.07	47.01 3.33 0.21	47.58 3.32 0.00	46.17 3.60 0.26	48.09 3.75 -0.18	51.73 4.05 -0.06	56.41 2.48 -0.03	71.58 3.85 -0.08	83.05 5.50 -0.08	71.67 4.18 -0.08	60.66 3.65 -0.08	54.96 2.81 -0.07	49.25 2.34 -0.03	45.87 3.08 0.00	40.66 2.80 0.00
BATAVIA__115KV_TB1 55881	40.59 -1.13 0.00	37.10 -1.07 0.00	37.04 -1.11 0.00	35.78 -1.22 0.00	37.50 -1.44 0.00	42.03 -3.70 0.00	52.74 -5.60 0.00	61.19 -5.68 0.00	52.72 -4.27 0.00	44.63 -3.78 0.01	39.62 -4.26 0.01	39.96 -4.29 0.01	39.00 -3.81 0.01	39.56 -4.59 0.01	42.40 -4.91 0.32	46.40 -5.28 2.22	61.06 -6.56 0.01	70.87 -6.58 0.01	62.20 -5.19 0.01	52.25 -4.67 0.01	47.18 -4.90 0.01	42.78 -4.08 0.01	39.27 -3.51 0.01	35.47 -2.38 0.00
BAYONEEC___CTG1 323682	44.35 2.63 -0.01	40.47 2.29 -0.01	40.20 2.06 0.00	38.96 1.96 0.00	41.13 2.18 0.00	48.49 2.74 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.06 3.10 -0.54	50.77 3.03 -3.86	49.14 3.10 -1.78	51.20 3.04 -5.33	51.49 3.18 -4.15	54.09 3.47 -3.00	57.52 3.61 -0.01	72.03 4.39 0.00	82.88 5.42 0.00	71.65 4.25 0.00	60.57 3.65 0.00	55.74 3.64 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.44 2.58 -0.01
BAYONEEC___CTG10 323750	44.35 2.63 -0.01	40.47 2.29 -0.01	40.20 2.06 0.00	38.96 1.96 0.00	41.13 2.18 0.00	48.49 2.74 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.06 3.10 -0.54	50.77 3.03 -3.86	49.14 3.10 -1.78	51.20 3.04 -5.33	51.49 3.18 -4.15	54.09 3.47 -3.00	57.52 3.61 -0.01	72.03 4.39 0.00	82.88 5.42 0.00	71.65 4.25 0.00	60.57 3.65 0.00	55.74 3.64 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.44 2.58 -0.01
BAYONEEC___CTG2 323683	44.35 2.63 -0.01	40.47 2.29 -0.01	40.20 2.06 0.00	38.96 1.96 0.00	41.13 2.18 0.00	48.49 2.74 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.06 3.10 -0.54	50.77 3.03 -3.86	49.14 3.10 -1.78	51.20 3.04 -5.33	51.49 3.18 -4.15	54.09 3.47 -3.00	57.52 3.61 -0.01	72.03 4.39 0.00	82.88 5.42 0.00	71.65 4.25 0.00	60.57 3.65 0.00	55.74 3.64 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.44 2.58 -0.01
BAYONEEC___CTG3 323684	44.35 2.63 -0.01	40.47 2.29 -0.01	40.20 2.06 0.00	38.96 1.96 0.00	41.13 2.18 0.00	48.49 2.74 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.06 3.10 -0.54	50.77 3.03 -3.86	49.14 3.10 -1.78	51.20 3.04 -5.33	51.49 3.18 -4.15	54.09 3.47 -3.00	57.52 3.61 -0.01	72.03 4.39 0.00	82.88 5.42 0.00	71.65 4.25 0.00	60.57 3.65 0.00	55.74 3.64 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.44 2.58 -0.01
BAYONEEC___CTG4 323685	44.35 2.63 -0.01	40.47 2.29 -0.01	40.20 2.06 0.00	38.96 1.96 0.00	41.13 2.18 0.00	48.49 2.74 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.06 3.10 -0.54	50.77 3.03 -3.86	49.14 3.10 -1.78	51.20 3.04 -5.33	51.49 3.18 -4.15	54.09 3.47 -3.00	57.52 3.61 -0.01	72.03 4.39 0.00	82.88 5.42 0.00	71.65 4.25 0.00	60.57 3.65 0.00	55.74 3.64 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.44 2.58 -0.01
BAYONEEC___CTG5 323686	44.35 2.63 -0.01	40.47 2.29 -0.01	40.20 2.06 0.00	38.96 1.96 0.00	41.13 2.18 0.00	48.49 2.74 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.06 3.10 -0.54	50.77 3.03 -3.86	49.14 3.10 -1.78	51.20 3.04 -5.33	51.49 3.18 -4.15	54.09 3.47 -3.00	57.52 3.61 -0.01	72.03 4.39 0.00	82.88 5.42 0.00	71.65 4.25 0.00	60.57 3.65 0.00	55.74 3.64 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.44 2.58 -0.01
BAYONEEC___CTG6 323687	44.35 2.63 -0.01	40.47 2.29 -0.01	40.20 2.06 0.00	38.96 1.96 0.00	41.13 2.18 0.00	48.49 2.74 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.06 3.10 -0.54	50.77 3.03 -3.86	49.14 3.10 -1.78	51.20 3.04 -5.33	51.49 3.18 -4.15	54.09 3.47 -3.00	57.52 3.61 -0.01	72.03 4.39 0.00	82.88 5.42 0.00	71.65 4.25 0.00	60.57 3.65 0.00	55.74 3.64 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.44 2.58 -0.01
BAYONEEC___CTG7 323688	44.35 2.63 -0.01	40.47 2.29 -0.01	40.20 2.06 0.00	38.96 1.96 0.00	41.13 2.18 0.00	48.49 2.74 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.06 3.10 -0.54	50.77 3.03 -3.86	49.14 3.10 -1.78	51.20 3.04 -5.33	51.49 3.18 -4.15	54.09 3.47 -3.00	57.52 3.61 -0.01	72.03 4.39 0.00	82.88 5.42 0.00	71.65 4.25 0.00	60.57 3.65 0.00	55.74 3.64 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.44 2.58 -0.01

BAYONEEC___CTG8 323689	44.35 2.63 -0.01	40.47 2.29 -0.01	40.20 2.06 0.00	38.96 1.96 0.00	41.13 2.18 0.00	48.49 2.74 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.06 3.10 -0.54	50.77 3.03 -3.86	49.14 3.10 -1.78	51.20 3.04 -5.33	51.49 3.18 -4.15	54.09 3.47 -3.00	57.52 3.61 -0.01	72.03 4.39 0.00	82.88 5.42 0.00	71.65 4.25 0.00	60.57 3.65 0.00	55.74 3.64 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.44 2.58 -0.01
BAYONEEC___CTG9 323749	44.35 2.63 -0.01	40.47 2.29 -0.01	40.20 2.06 0.00	38.96 1.96 0.00	41.13 2.18 0.00	48.49 2.74 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.06 3.10 -0.54	50.77 3.03 -3.86	49.14 3.10 -1.78	51.20 3.04 -5.33	51.49 3.18 -4.15	54.09 3.47 -3.00	57.52 3.61 -0.01	72.03 4.39 0.00	82.88 5.42 0.00	71.65 4.25 0.00	60.57 3.65 0.00	55.74 3.64 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.44 2.58 -0.01
BEACON___LESR 323632	42.55 0.83 0.00	39.01 0.84 0.00	38.95 0.80 0.00	37.78 0.78 0.00	39.77 0.82 0.00	46.97 1.24 0.00	59.92 1.58 0.00	68.55 1.67 0.00	58.31 1.31 0.00	49.58 1.16 0.00	45.03 1.14 0.00	45.32 1.06 0.00	43.81 0.99 0.00	45.18 1.02 0.00	48.86 1.24 0.00	55.46 1.56 0.00	69.67 2.03 0.00	79.71 2.25 0.00	69.36 1.96 0.00	58.46 1.54 0.00	53.54 1.46 0.00	48.19 1.31 0.00	43.98 1.20 0.00	38.95 1.10 0.00
BEAVER RIVER___HYD 24048	42.22 0.50 0.00	38.74 0.57 0.00	38.83 0.69 0.00	37.55 0.56 0.00	39.65 0.70 0.00	46.56 0.82 0.00	59.62 1.28 0.00	68.35 1.47 0.00	58.07 1.08 0.00	48.81 0.39 0.00	43.80 -0.09 0.00	44.17 -0.09 0.00	42.74 -0.09 0.00	44.07 -0.09 0.00	47.72 0.10 0.00	54.27 0.38 0.00	68.05 0.41 0.00	77.62 0.16 0.00	67.88 0.48 0.00	57.21 0.29 0.00	52.29 0.21 0.00	47.34 0.47 0.00	42.92 0.13 0.00	37.86 0.00 0.00
BEEBEE_GT_13 23619	40.59 -1.13 0.00	37.06 -1.11 0.00	37.04 -1.11 0.00	35.81 -1.18 0.00	37.62 -1.32 0.00	42.99 -2.74 0.00	54.32 -4.03 0.00	62.80 -4.08 0.00	54.03 -2.96 0.00	45.90 -2.52 0.01	40.89 -2.98 0.01	41.24 -3.01 0.01	40.21 -2.61 0.01	40.80 -3.36 0.01	43.79 -3.62 0.21	48.28 -4.10 1.52	62.82 -4.80 0.01	72.73 -4.73 0.01	63.62 -3.77 0.01	53.45 -3.47 0.01	48.33 -3.75 0.01	43.82 -3.05 0.01	40.13 -2.65 0.01	36.04 -1.82 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.98 3.25 -0.01	41.12 2.94 -0.01	40.82 2.67 -0.01	39.63 2.63 -0.01	41.76 2.80 -0.01	49.18 3.43 -0.01	61.78 3.44 0.00	70.49 3.61 0.00	59.73 2.74 0.00	51.78 2.81 -0.55	50.52 2.76 -3.87	48.84 2.79 -1.79	50.95 2.78 -5.34	51.32 3.00 -4.16	54.44 3.19 -3.63	57.47 3.56 -0.02	71.76 4.13 0.00	82.73 5.27 0.00	71.32 3.91 0.00	60.46 3.53 0.00	55.85 3.75 -0.02	50.45 3.56 -0.02	46.53 3.72 -0.02	41.05 3.18 -0.01
BETHLEHEM___GRP 23843	42.01 0.29 0.00	38.51 0.34 0.00	38.49 0.34 0.00	37.37 0.37 0.00	39.26 0.31 0.00	46.38 0.64 0.00	59.10 0.76 0.00	67.61 0.74 0.00	57.51 0.51 0.00	48.95 0.53 0.00	44.50 0.61 0.00	44.79 0.53 0.00	43.34 0.51 0.00	44.73 0.57 0.00	48.24 0.62 0.00	54.65 0.75 0.00	68.65 1.01 0.00	78.55 1.08 0.00	68.35 0.94 0.00	57.67 0.74 0.00	52.87 0.78 0.00	47.58 0.70 0.00	43.47 0.68 0.00	38.54 0.68 0.00
BETHLEHEM___GS1 323560	42.01 0.29 0.00	38.51 0.34 0.00	38.49 0.34 0.00	37.29 0.29 0.00	39.30 0.35 0.00	46.33 0.59 0.00	59.04 0.70 0.00	67.62 0.74 0.00	57.51 0.51 0.00	48.96 0.53 0.00	44.50 0.61 0.00	44.79 0.53 0.00	43.30 0.47 0.00	44.65 0.49 0.00	48.24 0.62 0.00	54.65 0.75 0.00	68.65 1.02 0.00	78.55 1.08 0.00	68.35 0.94 0.00	57.66 0.74 0.00	52.87 0.78 0.00	47.58 0.70 0.00	43.47 0.68 0.00	38.54 0.68 0.00
BETHLEHEM___GS2 323561	42.01 0.29 0.00	38.51 0.34 0.00	38.49 0.34 0.00	37.29 0.29 0.00	39.30 0.35 0.00	46.33 0.59 0.00	59.04 0.70 0.00	67.62 0.74 0.00	57.51 0.51 0.00	48.96 0.53 0.00	44.50 0.61 0.00	44.79 0.53 0.00	43.30 0.47 0.00	44.65 0.49 0.00	48.24 0.62 0.00	54.65 0.75 0.00	68.65 1.02 0.00	78.55 1.08 0.00	68.35 0.94 0.00	57.66 0.74 0.00	52.87 0.78 0.00	47.58 0.70 0.00	43.47 0.68 0.00	38.54 0.68 0.00
BETHLEHEM___GS3 323562	42.01 0.29 0.00	38.51 0.34 0.00	38.49 0.34 0.00	37.29 0.29 0.00	39.30 0.35 0.00	46.33 0.59 0.00	59.04 0.70 0.00	67.62 0.74 0.00	57.51 0.51 0.00	48.96 0.53 0.00	44.50 0.61 0.00	44.79 0.53 0.00	43.30 0.47 0.00	44.65 0.49 0.00	48.24 0.62 0.00	54.65 0.75 0.00	68.65 1.02 0.00	78.55 1.08 0.00	68.35 0.94 0.00	57.66 0.74 0.00	52.87 0.78 0.00	47.58 0.70 0.00	43.47 0.68 0.00	38.54 0.68 0.00
BETHLEHEM___STEEL 23779	39.80 -1.92 0.00	36.38 -1.79 0.00	36.35 -1.79 0.00	35.15 -1.85 0.00	36.73 -2.22 0.00	41.02 -4.71 0.00	51.34 -7.00 0.00	59.52 -7.36 0.00	50.89 -6.10 0.00	43.22 -5.18 0.02	38.87 -5.00 0.02	39.24 -5.00 0.02	38.14 -4.67 0.02	39.24 -4.90 0.02	41.72 -5.48 0.42	44.75 -6.14 3.00	60.11 -7.51 0.02	69.08 -8.37 0.02	60.38 -7.01 0.02	50.93 -5.98 0.02	46.29 -5.78 0.02	41.75 -5.11 0.02	38.36 -4.41 0.02	34.53 -3.33 0.00
BETHLHEM_115KV_TB1 79974	42.13 0.42 0.00	38.59 0.42 0.00	38.56 0.42 0.00	37.44 0.44 0.00	39.37 0.43 0.00	46.47 0.73 0.00	59.16 0.82 0.00	67.68 0.80 0.00	57.62 0.63 0.00	49.05 0.63 0.00	44.54 0.66 0.00	44.88 0.62 0.00	43.38 0.56 0.00	44.82 0.66 0.00	48.34 0.71 0.00	54.76 0.86 0.00	68.72 1.08 0.00	78.70 1.24 0.00	68.42 1.01 0.00	57.78 0.85 0.00	52.92 0.83 0.00	47.67 0.80 0.00	43.56 0.77 0.00	38.58 0.72 0.00
BETHPAGE_CC_5 323564	43.88 2.17 0.00	40.00 1.83 0.00	39.56 1.41 0.00	38.33 1.33 0.00	40.62 1.67 0.00	47.79 2.06 0.00	59.46 1.23 0.11	63.43 1.41 4.86	53.12 0.97 4.84	48.03 1.21 1.61	46.00 3.03 0.92	46.02 3.01 1.26	45.91 3.34 0.26	47.82 3.49 -0.18	50.27 3.76 1.11	55.99 2.10 0.00	71.09 3.45 0.00	82.58 5.11 0.00	71.18 3.77 0.00	60.29 3.36 0.00	54.59 2.50 0.00	49.03 2.16 0.00	45.87 3.08 0.00	40.81 2.95 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.80 -1.92 0.00	36.41 -1.76 0.00	36.35 -1.79 0.00	35.15 -1.85 0.00	36.77 -2.18 0.00	41.12 -4.62 0.00	51.51 -6.83 0.00	59.66 -7.22 0.00	50.95 -6.04 0.00	43.22 -5.18 0.02	39.13 -4.74 0.02	39.60 -4.65 0.02	38.40 -4.41 0.02	39.77 -4.37 0.02	42.28 -4.91 0.44	45.27 -5.55 3.07	60.85 -6.76 0.02	69.55 -7.90 0.02	60.72 -6.67 0.02	51.22 -5.69 0.02	46.70 -5.36 0.02	41.98 -4.87 0.02	38.49 -4.28 0.02	34.45 -3.41 0.00
BINGHAMTON___COGEN 23790	41.67 -0.04 0.00	38.13 -0.04 0.00	38.07 -0.08 0.00	36.92 -0.07 0.00	38.83 -0.12 0.00	45.32 -0.41 0.00	57.70 -0.64 0.00	66.28 -0.60 0.00	56.42 -0.57 0.00	47.89 -0.53 0.00	43.36 -0.49 0.00	43.77 -0.47 0.00	42.35 -0.35 0.00	43.80 -0.43 0.06	47.13 -0.49 0.45	52.96 -0.49 0.45	67.09 -0.54 0.00	76.92 -0.54 0.00	66.93 -0.47 0.00	56.53 -0.40 0.00	51.67 -0.42 0.00	46.45 -0.42 0.00	42.40 -0.39 0.00	37.52 -0.34 0.00

BIXINCNT_115KV_LOAD 355685	39.46 -2.25 0.00	36.11 -2.06 0.00	36.16 -1.98 0.00	34.96 -2.03 0.00	36.65 -2.30 0.00	41.12 -4.62 0.00	51.51 -6.83 0.00	59.32 -7.56 0.00	50.15 -6.84 0.00	42.50 -5.91 0.02	38.69 -5.18 0.02	39.02 -5.22 0.02	37.63 -5.18 0.02	39.15 -4.99 0.02	41.49 -5.67 0.46	44.16 -6.47 3.26	59.91 -7.71 0.02	67.76 -9.68 0.02	58.96 -8.43 0.02	49.56 -7.34 0.02	45.56 -6.51 0.02	40.81 -6.05 0.02	37.63 -5.13 0.02	33.35 -4.50 0.00
BLACK RIVER___HYD 24047	42.17 0.46 0.00	38.66 0.49 0.00	38.75 0.61 0.00	37.44 0.45 0.00	39.61 0.66 0.00	46.51 0.78 0.00	59.62 1.28 0.00	68.29 1.41 0.00	57.96 0.97 0.00	48.57 0.15 0.00	43.67 -0.22 0.00	44.04 -0.22 0.00	42.61 -0.21 0.00	43.94 -0.22 0.00	47.57 -0.05 0.00	54.22 0.33 0.00	68.25 0.61 0.00	77.93 0.47 0.00	68.22 0.81 0.00	57.50 0.57 0.00	52.45 0.37 0.00	47.39 0.52 0.00	42.92 0.13 0.00	37.89 0.04 0.00
BLACKRVR_115KV_TB2 79977	42.17 0.46 0.00	38.67 0.50 0.00	38.75 0.61 0.00	37.44 0.44 0.00	39.61 0.66 0.00	46.51 0.78 0.00	59.62 1.28 0.00	68.28 1.40 0.00	57.96 0.97 0.00	48.57 0.15 0.00	43.62 -0.26 0.00	44.04 -0.22 0.00	42.61 -0.21 0.00	43.90 -0.26 0.00	47.57 -0.05 0.00	54.22 0.32 0.00	68.25 0.61 0.00	77.93 0.46 0.00	68.21 0.81 0.00	57.50 0.57 0.00	52.45 0.36 0.00	47.39 0.52 0.00	42.92 0.13 0.00	37.89 0.04 0.00
BLDWN_LI_69_KV_BK4 356085	44.13 2.42 0.00	40.31 2.14 0.00	39.78 1.64 0.00	38.70 1.70 0.00	40.85 1.91 0.00	48.11 2.38 0.00	60.20 1.93 0.07	66.07 2.14 2.95	55.65 1.60 2.94	49.09 1.65 0.98	46.68 3.42 0.63	46.78 3.28 0.76	46.25 3.68 0.26	48.27 3.93 -0.18	51.17 4.19 0.64	56.60 2.69 -0.01	71.86 4.19 -0.02	83.53 6.04 -0.02	72.01 4.58 -0.02	60.88 3.93 -0.02	55.23 3.13 -0.02	49.55 2.67 -0.01	46.17 3.38 0.00	40.85 2.99 0.00
BLISS_WT_PWR 323608	39.34 -2.38 0.00	36.11 -2.06 0.00	36.08 -2.06 0.00	35.15 -1.85 0.00	36.53 -2.41 0.00	41.07 -4.67 0.00	51.51 -6.83 0.00	59.05 -7.82 0.00	49.81 -7.18 0.00	42.21 -6.20 0.02	38.34 -5.53 0.02	38.40 -5.84 0.02	37.20 -5.61 0.02	37.87 -6.27 0.02	41.06 -6.10 0.46	43.63 -7.01 3.26	58.69 -8.93 0.02	66.76 -10.69 0.02	58.22 -9.17 0.02	48.88 -8.02 0.02	44.83 -7.24 0.02	40.29 -6.56 0.02	37.17 -5.60 0.02	33.01 -4.85 0.00
BLUESTONE___WT_PWR 323821	43.09 1.37 0.00	39.58 1.41 0.00	39.59 1.45 0.00	38.33 1.33 0.00	40.46 1.52 0.00	47.38 1.64 0.00	60.44 2.10 0.00	69.22 2.34 0.00	58.76 1.77 0.00	49.40 0.97 -0.01	44.68 0.79 -0.01	45.07 0.80 -0.01	43.61 0.77 -0.01	44.96 0.80 -0.01	48.86 1.05 -0.19	56.58 1.35 -1.33	69.54 1.89 -0.01	80.49 3.02 -0.01	70.11 2.70 -0.01	58.98 2.05 -0.01	53.71 1.62 -0.01	47.63 0.75 -0.01	43.22 0.43 -0.01	38.16 0.30 0.00
BLUE_CIRC_CHEM_DRP 24182	42.59 0.88 0.00	39.01 0.84 0.00	38.98 0.84 0.00	37.81 0.81 0.00	39.80 0.86 0.00	46.88 1.14 0.00	59.68 1.34 0.00	68.28 1.40 0.00	58.02 1.03 0.00	49.34 0.92 0.00	44.76 0.88 0.00	45.01 0.75 0.00	43.51 0.69 0.00	45.00 0.84 0.00	48.57 0.95 0.00	55.13 1.24 0.00	69.26 1.62 0.00	79.25 1.78 0.00	69.02 1.62 0.00	58.24 1.31 0.00	53.39 1.30 0.00	48.05 1.17 0.00	43.90 1.11 0.00	38.84 0.98 0.00
BOC_GAS_DRP 24189	42.34 0.63 0.00	38.78 0.61 0.00	38.72 0.57 0.00	37.59 0.59 0.00	39.57 0.62 0.00	46.60 0.87 0.00	59.33 0.99 0.00	67.95 1.07 0.00	57.79 0.80 0.00	49.20 0.77 0.00	44.68 0.79 0.00	45.06 0.80 0.00	43.56 0.73 0.00	44.96 0.79 0.00	48.48 0.86 0.00	54.86 0.97 0.00	68.86 1.22 0.00	78.86 1.39 0.00	68.55 1.15 0.00	57.89 0.97 0.00	53.07 0.99 0.00	47.77 0.89 0.00	43.69 0.90 0.00	38.65 0.79 0.00
BOONVILLE_115KV_TB1 79983	42.42 0.71 0.00	38.86 0.69 0.00	38.91 0.76 0.00	37.66 0.67 0.00	39.76 0.82 0.00	46.74 1.01 0.00	59.74 1.40 0.00	68.48 1.61 0.00	58.25 1.25 0.00	49.15 0.73 0.00	44.28 0.39 0.00	44.70 0.44 0.00	43.21 0.39 0.00	44.60 0.44 0.00	48.24 0.62 0.00	54.76 0.86 0.00	68.86 1.22 0.00	78.55 1.08 0.00	68.48 1.08 0.00	57.72 0.80 0.00	52.71 0.63 0.00	47.53 0.66 0.00	43.22 0.43 0.00	38.20 0.34 0.00
BORALEX_4TH_BRANCH 23824	42.76 1.04 0.00	39.20 1.03 0.00	39.17 1.03 0.00	38.03 1.04 0.00	40.15 1.21 0.00	47.70 1.97 0.00	60.91 2.57 0.00	69.69 2.81 0.00	59.33 2.34 0.00	50.36 1.94 0.00	45.82 1.93 0.00	46.16 1.90 0.00	44.63 1.80 0.00	46.06 1.90 0.00	49.57 1.95 0.00	56.27 2.37 0.00	70.68 3.04 0.00	81.03 3.56 0.00	70.44 3.03 0.00	59.43 2.50 0.00	54.48 2.40 0.00	49.03 2.16 0.00	44.80 2.01 0.00	39.64 1.78 0.00
BOWLINE___1 23526	43.76 2.04 0.00	39.96 1.79 0.00	39.75 1.60 0.00	38.55 1.55 0.00	40.66 1.71 0.00	47.98 2.24 0.00	60.97 2.63 0.00	69.89 3.01 0.00	59.28 2.28 0.00	50.70 2.28 0.00	46.12 2.24 0.00	46.56 2.30 0.00	45.10 2.27 0.00	46.54 2.38 0.00	50.19 2.57 0.00	56.59 2.69 0.00	71.02 3.38 0.00	81.72 4.26 0.00	70.71 3.30 0.00	59.77 2.85 0.00	54.95 2.86 0.00	49.36 2.48 0.00	45.23 2.44 0.00	39.90 2.04 0.00
BOWLINE___2 23595	43.76 2.04 0.00	39.96 1.79 0.00	39.75 1.60 0.00	38.55 1.55 0.00	40.66 1.71 0.00	47.98 2.24 0.00	60.97 2.63 0.00	69.89 3.01 0.00	59.28 2.28 0.00	50.70 2.28 0.00	46.12 2.24 0.00	46.52 2.26 0.00	45.10 2.27 0.00	46.50 2.34 0.00	50.19 2.57 0.00	56.59 2.69 0.00	70.95 3.31 0.00	81.72 4.26 0.00	70.71 3.30 0.00	59.77 2.85 0.00	54.90 2.81 0.00	49.36 2.48 0.00	45.18 2.39 0.00	39.90 2.04 0.00
BRADY___115KV_TB2 356060	42.88 1.17 0.00	39.28 1.11 0.00	39.36 1.22 0.00	38.14 1.15 0.00	40.19 1.25 0.00	47.29 1.56 0.00	60.56 2.22 0.00	69.35 2.47 0.00	59.10 2.11 0.00	49.73 1.31 0.00	44.98 1.10 0.00	45.46 1.20 0.00	43.94 1.11 0.00	45.22 1.06 0.00	48.91 1.29 0.00	55.57 1.67 0.00	69.46 1.83 0.00	79.25 1.78 0.00	69.23 1.82 0.00	58.41 1.48 0.00	53.65 1.56 0.00	48.33 1.45 0.00	43.86 1.07 0.00	38.80 0.95 0.00
BRANSCOMB___SOLAR 323811	42.92 1.21 0.00	39.35 1.18 0.00	39.29 1.14 0.00	38.07 1.07 0.00	40.19 1.25 0.00	47.43 1.69 0.00	60.56 2.22 0.00	69.22 2.34 0.00	58.82 1.82 0.00	49.87 1.45 0.00	45.33 1.45 0.00	45.50 1.24 0.00	43.94 1.11 0.00	45.31 1.15 0.00	49.00 1.38 0.00	55.78 1.89 0.00	70.21 2.57 0.00	80.33 2.87 0.00	70.03 2.63 0.00	58.92 1.99 0.00	54.01 1.93 0.00	48.61 1.74 0.00	44.37 1.58 0.00	39.22 1.36 0.00
BRDGHMPT_69_KV_BK1 55812	43.59 1.88 0.00	40.12 1.95 0.00	39.21 1.07 0.00	38.48 1.48 0.00	40.46 1.52 0.00	47.98 2.24 0.00	59.37 1.17 0.14	62.00 1.34 6.22	51.59 0.80 6.20	46.71 0.34 2.05	45.23 2.46 1.11	44.96 2.30 1.60	45.48 2.91 0.26	47.96 3.62 -0.18	50.14 3.95 1.43	55.94 2.05 0.01	71.89 4.26 0.00	84.04 6.58 0.00	70.91 3.51 0.00	60.91 3.98 0.00	55.00 2.92 0.00	48.98 2.11 0.01	46.64 3.85 0.00	41.38 3.52 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	44.17 2.46 0.00	40.42 2.25 0.00	39.75 1.60 0.00	38.77 1.78 0.00	40.93 1.99 0.00	48.20 2.47 0.00	59.55 1.34 0.13	62.09 1.20 6.00	51.75 0.74 5.98	47.31 0.87 1.98	45.70 2.90 1.08	45.41 2.70 1.55	46.17 3.60 0.26	48.22 3.89 -0.18	49.91 3.67 1.38	56.37 2.48 0.00	71.76 4.13 0.00	83.58 6.12 0.00	71.78 4.38 0.00	60.85 3.93 0.00	55.05 2.97 0.00	49.40 2.53 0.00	46.38 3.59 0.00	41.11 3.26 0.00
BRISTLHL_115KV_TB1 79998	40.50 -1.21 0.00	37.02 -1.15 0.00	37.00 -1.14 0.00	35.89 -1.11 0.00	37.74 -1.21 0.00	44.23 -1.51 0.00	56.36 -1.98 0.00	64.67 -2.21 0.00	55.23 -1.77 0.00	46.92 -1.50 0.00	42.39 -1.49 0.00	42.76 -1.50 0.00	41.41 -1.41 0.00	42.70 -1.46 0.00	46.00 -1.62 0.00	52.06 -1.83 0.00	65.47 -2.16 0.00	75.14 -2.32 0.00	65.45 -1.95 0.00	55.28 -1.65 0.00	50.37 -1.72 0.00	45.37 -1.50 0.00	41.42 -1.37 0.00	36.68 -1.17 0.00
BROOKHAVEN___DRP 24191	43.55 1.84 0.00	40.04 1.87 0.00	39.17 1.03 0.00	38.40 1.41 0.00	40.39 1.44 0.00	47.79 2.06 0.00	59.31 1.11 0.14	61.93 1.27 6.22	51.58 0.80 6.21	47.00 0.63 2.06	45.36 2.59 1.11	45.14 2.48 1.60	45.53 2.96 0.26	47.87 3.53 -0.18	49.95 3.76 1.43	55.72 1.83 0.01	71.35 3.72 0.00	83.27 5.81 0.00	70.43 3.03 0.00	60.34 3.42 0.00	54.58 2.50 0.00	48.70 1.83 0.01	46.30 3.51 0.00	41.00 3.14 0.00
BROOKLYN_NAVY_YARD 23515	44.27 2.54 -0.01	40.39 2.21 -0.01	40.13 1.98 0.00	38.88 1.89 0.00	41.05 2.10 0.00	48.44 2.70 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.01 3.02 0.00	52.10 3.15 -0.53	50.77 3.07 -3.82	49.16 3.14 -1.76	51.19 3.09 -5.28	51.49 3.22 -4.10	54.16 3.57 -2.97	57.52 3.61 -0.01	72.03 4.39 0.00	82.96 5.50 0.00	71.65 4.25 0.00	60.57 3.65 0.00	55.80 3.70 -0.01	50.08 3.19 -0.01	45.84 3.04 -0.01	40.36 2.50 -0.01
BROOKLYN___ARMY_DRP 323595	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01
BROOME_2_LFGE 323671	41.67 -0.04 0.00	38.13 -0.04 0.00	38.07 -0.08 0.00	36.96 -0.04 0.00	38.83 -0.12 0.00	45.32 -0.41 0.00	57.76 -0.58 0.00	66.28 -0.60 0.00	56.42 -0.57 0.00	47.89 -0.53 0.00	43.36 -0.52 0.00	43.73 -0.53 0.00	42.35 -0.47 0.00	43.67 -0.48 0.00	47.13 -0.43 0.06	52.96 -0.49 0.45	67.02 -0.61 0.00	76.92 -0.54 0.00	66.93 -0.47 0.00	56.53 -0.40 0.00	51.61 -0.47 0.00	46.40 -0.47 0.00	42.36 -0.43 0.00	37.52 -0.34 0.00
BROOME___LFGE 323600	41.67 -0.04 0.00	38.13 -0.04 0.00	38.07 -0.08 0.00	36.96 -0.04 0.00	38.83 -0.12 0.00	45.32 -0.41 0.00	57.76 -0.58 0.00	66.28 -0.60 0.00	56.42 -0.57 0.00	47.89 -0.53 0.00	43.36 -0.52 0.00	43.73 -0.53 0.00	42.35 -0.47 0.00	43.67 -0.48 0.00	47.13 -0.43 0.06	52.96 -0.49 0.45	67.02 -0.61 0.00	76.92 -0.54 0.00	66.93 -0.47 0.00	56.53 -0.40 0.00	51.61 -0.47 0.00	46.40 -0.47 0.00	42.36 -0.43 0.00	37.52 -0.34 0.00
BROWNFLS_115KV_TB_3_5 80003	42.38 0.67 0.00	38.86 0.69 0.00	38.95 0.80 0.00	37.70 0.70 0.00	39.76 0.82 0.00	46.65 0.91 0.00	59.74 1.40 0.00	68.48 1.61 0.00	58.30 1.31 0.00	49.15 0.73 0.00	44.28 0.39 0.00	44.70 0.44 0.00	43.21 0.39 0.00	44.51 0.35 0.00	48.19 0.57 0.00	54.81 0.92 0.00	68.31 0.68 0.00	77.70 0.23 0.00	67.88 0.47 0.00	57.27 0.34 0.00	52.55 0.47 0.00	47.62 0.75 0.00	43.17 0.39 0.00	38.12 0.26 0.00
BROWNSV1_27_KV_LOAD 356125	44.68 2.96 -0.01	40.81 2.63 -0.01	40.47 2.33 0.00	39.22 2.22 0.00	41.36 2.41 0.00	48.76 3.02 -0.01	61.96 3.62 0.00	71.16 4.28 0.00	60.47 3.48 0.00	52.40 3.44 -0.54	51.04 3.29 -3.86	49.41 3.36 -1.78	51.46 3.30 -5.34	51.89 3.58 -4.15	54.43 3.81 -3.00	57.90 3.99 -0.01	72.58 4.94 0.00	83.58 6.12 0.00	72.12 4.72 0.00	61.03 4.10 0.00	56.16 4.06 -0.01	50.40 3.52 -0.01	46.18 3.38 -0.01	40.66 2.80 -0.01
BURROWS___LYONSDAL 23803	42.34 0.63 0.00	38.82 0.65 0.00	38.87 0.72 0.00	37.59 0.59 0.00	39.69 0.74 0.00	46.65 0.91 0.00	59.68 1.34 0.00	68.35 1.47 0.00	58.13 1.14 0.00	49.00 0.58 0.00	44.06 0.18 0.00	44.48 0.22 0.00	43.00 0.17 0.00	44.38 0.22 0.00	48.00 0.38 0.00	54.54 0.65 0.00	68.52 0.88 0.00	78.24 0.77 0.00	68.21 0.81 0.00	57.50 0.57 0.00	52.50 0.42 0.00	47.39 0.52 0.00	43.05 0.26 0.00	38.05 0.19 0.00
CAITHNESS_CC_1 323624	43.55 1.83 0.00	39.73 1.57 0.00	39.17 1.03 0.00	37.96 0.96 0.00	40.27 1.32 0.00	47.74 2.01 0.00	59.13 0.93 0.14	61.79 1.14 6.23	51.52 0.74 6.21	46.99 0.63 2.06	45.27 2.50 1.11	45.27 2.61 1.61	45.57 3.00 0.26	47.69 3.35 -0.18	49.85 3.67 1.43	55.67 1.78 0.01	71.08 3.45 0.00	82.57 5.11 0.00	70.44 3.04 0.00	60.17 3.24 0.00	54.43 2.35 0.00	48.60 1.74 0.01	46.04 3.25 0.00	40.92 3.07 0.00
CALPINE BETH_PAGE_GT4 24209	43.88 2.17 0.00	40.12 1.95 0.00	39.56 1.41 0.00	38.51 1.52 0.00	40.62 1.67 0.00	47.70 1.97 0.00	59.53 1.28 0.10	63.93 1.40 4.35	53.62 0.97 4.34	48.19 1.21 1.44	46.03 2.98 0.85	46.01 2.88 1.13	45.83 3.25 0.26	47.87 3.53 -0.18	50.34 3.71 0.99	56.00 2.10 0.00	71.09 3.45 -0.01	82.66 5.19 -0.01	71.19 3.77 -0.01	60.24 3.30 -0.01	54.64 2.55 0.00	49.08 2.20 0.00	45.95 3.17 0.00	40.73 2.88 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.88 2.17 0.00	40.00 1.83 0.00	39.56 1.41 0.00	38.33 1.33 0.00	40.62 1.67 0.00	47.75 2.01 0.00	59.47 1.23 0.10	63.93 1.41 4.35	53.62 0.97 4.34	48.14 1.16 1.44	46.03 2.99 0.85	46.10 2.97 1.13	45.82 3.25 0.26	47.78 3.45 -0.18	50.35 3.72 0.99	55.99 2.10 0.00	71.09 3.45 -0.01	82.50 5.03 -0.01	71.18 3.77 -0.01	60.23 3.30 -0.01	54.59 2.50 0.00	49.03 2.16 0.00	45.87 3.08 0.00	40.73 2.88 0.00
CALPINE_BP_GT1 23823	43.88 2.17 0.00	40.00 1.83 0.00	39.56 1.41 0.00	38.33 1.33 0.00	40.62 1.67 0.00	47.75 2.01 0.00	59.47 1.23 0.10	63.93 1.41 4.35	53.62 0.97 4.34	48.14 1.16 1.44	46.03 2.99 0.85	46.10 2.97 1.13	45.82 3.25 0.26	47.78 3.45 -0.18	50.35 3.72 0.99	55.99 2.10 0.00	71.09 3.45 -0.01	82.50 5.03 -0.01	71.18 3.77 -0.01	60.23 3.30 -0.01	54.59 2.50 0.00	49.03 2.16 0.00	45.87 3.08 0.00	40.73 2.88 0.00
CALSPAN___DRP 24200	39.80 -1.92 0.00	36.38 -1.79 0.00	36.35 -1.79 0.00	35.15 -1.85 0.00	36.73 -2.22 0.00	41.02 -4.71 0.00	51.34 -7.00 0.00	59.52 -7.36 0.00	50.89 -6.10 0.00	43.22 -5.18 0.02	38.87 -5.00 0.02	39.24 -5.00 0.02	38.14 -4.67 0.02	39.24 -4.90 0.02	41.72 -5.48 0.42	44.75 -6.14 3.00	60.11 -7.51 0.02	69.08 -8.37 0.02	60.38 -7.01 0.02	50.93 -5.98 0.02	46.29 -5.78 0.02	41.75 -5.11 0.02	38.36 -4.41 0.02	34.53 -3.33 0.00

CALVERTON___SOLAR 323806	43.59 1.88 0.00	39.81 1.64 0.00	39.21 1.07 0.00	38.00 1.00 0.00	40.35 1.40 0.00	47.93 2.20 0.00	59.31 1.11 0.14	61.99 1.34 6.22	51.64 0.86 6.21	46.95 0.58 2.06	45.19 2.41 1.11	45.22 2.57 1.60	45.52 2.95 0.26	47.78 3.45 -0.18	50.00 3.81 1.43	55.77 1.89 0.01	71.49 3.85 0.00	82.96 5.50 0.00	70.44 3.04 0.00	60.45 3.53 0.00	54.63 2.55 0.00	48.65 1.78 0.01	46.30 3.51 0.00	41.11 3.26 0.00
CANDIGU_WT_PWR 323617	40.00 -1.71 0.00	36.68 -1.49 0.00	36.54 -1.60 0.00	35.59 -1.41 0.00	37.00 -1.95 0.00	42.21 -3.52 0.00	53.21 -5.13 0.00	61.13 -5.75 0.00	51.92 -5.07 0.00	43.79 -4.60 0.03	39.43 -4.43 0.03	39.58 -4.65 0.03	38.51 -4.28 0.03	39.54 -4.59 0.03	42.15 -4.62 0.85	42.66 -5.17 6.06	60.90 -6.70 0.04	70.31 -7.13 0.03	61.38 -6.00 0.03	51.77 -5.12 0.04	47.05 -5.00 0.04	42.39 -4.45 0.04	38.73 -4.02 0.04	34.64 -3.22 0.00
CARR STREET_E_SYR 24060	40.88 -0.83 0.00	37.37 -0.80 0.00	37.34 -0.80 0.00	36.22 -0.78 0.00	38.09 -0.86 0.00	44.59 -1.14 0.00	56.71 -1.63 0.00	65.08 -1.80 0.00	55.57 -1.42 0.00	47.21 -1.21 0.00	42.79 -1.10 0.00	43.16 -1.10 0.00	41.80 -1.03 0.00	43.19 -0.97 0.00	46.48 -1.14 0.00	52.44 -1.45 0.00	65.88 -1.76 0.00	75.60 -1.86 0.00	65.79 -1.62 0.00	55.56 -1.37 0.00	50.68 -1.40 0.00	45.75 -1.13 0.00	41.76 -1.03 0.00	36.99 -0.87 0.00
CARTHAGE___PAPER 23857	42.26 0.54 0.00	38.78 0.61 0.00	38.87 0.72 0.00	37.55 0.56 0.00	39.68 0.74 0.00	46.65 0.91 0.00	59.80 1.46 0.00	68.48 1.60 0.00	58.13 1.14 0.00	48.76 0.34 0.00	43.80 -0.09 0.00	44.17 -0.09 0.00	42.70 -0.13 0.00	44.07 -0.09 0.00	47.72 0.10 0.00	54.32 0.43 0.00	68.25 0.61 0.00	77.93 0.47 0.00	68.22 0.81 0.00	57.50 0.57 0.00	52.50 0.41 0.00	47.48 0.61 0.00	43.00 0.22 0.00	37.93 0.08 0.00
CASSADAGA_WT_PWR 323784	39.80 -1.92 0.00	36.45 -1.72 0.00	36.16 -1.99 0.00	35.15 -1.85 0.00	36.37 -2.57 0.00	40.79 -4.94 0.00	51.10 -7.24 0.00	58.72 -8.16 0.00	49.92 -7.07 0.00	42.26 -6.15 0.02	38.12 -5.75 0.02	38.31 -5.93 0.02	37.20 -5.61 0.02	38.05 -6.09 0.02	40.80 -6.38 0.45	43.46 -7.28 3.16	58.28 -9.33 0.02	67.30 -10.14 0.02	58.83 -8.56 0.02	49.45 -7.46 0.02	44.93 -7.13 0.02	40.58 -6.28 0.02	37.29 -5.48 0.02	33.47 -4.39 0.00
CE_DUNWOOD___DRP 24194	43.97 2.25 0.00	40.15 1.98 0.00	39.90 1.75 0.00	38.74 1.74 0.00	40.82 1.87 0.00	48.16 2.42 0.00	61.20 2.86 0.00	70.09 3.21 0.00	59.56 2.56 0.00	51.01 2.57 -0.02	46.52 2.50 -0.13	46.84 2.52 -0.06	45.53 2.53 -0.18	47.04 2.74 -0.14	50.63 2.90 -0.10	56.91 3.02 0.00	71.36 3.72 0.00	82.19 4.73 0.00	70.98 3.57 0.00	60.06 3.13 0.00	55.21 3.13 0.00	49.59 2.72 0.00	45.44 2.65 0.00	40.09 2.23 0.00
CE_MILLWOOD___DRP 24193	43.88 2.17 0.00	40.12 1.95 0.00	39.86 1.72 0.00	38.66 1.66 0.00	40.78 1.83 0.00	48.07 2.33 0.00	61.08 2.74 0.00	70.02 3.14 0.00	59.44 2.45 0.00	50.91 2.47 -0.01	46.41 2.41 -0.10	46.79 2.48 -0.05	45.41 2.44 -0.14	46.92 2.65 -0.11	50.51 2.81 -0.08	56.86 2.96 0.00	71.29 3.65 0.00	82.03 4.57 0.00	70.91 3.51 0.00	59.94 3.02 0.00	55.11 3.02 0.00	49.50 2.62 0.00	45.40 2.61 0.00	40.01 2.16 0.00
CE_NYC2_DRP 24202	44.52 2.79 -0.01	40.70 2.52 -0.01	40.44 2.29 -0.01	39.26 2.26 -0.01	41.37 2.41 -0.01	48.76 3.02 -0.01	61.49 3.15 0.00	70.36 3.48 0.00	59.84 2.85 0.00	52.04 2.95 -0.67	51.55 2.90 -4.77	49.38 2.92 -2.20	52.33 2.91 -6.59	52.42 3.14 -5.12	54.61 3.29 -3.70	57.41 3.50 -0.02	71.76 4.13 0.00	82.65 5.19 0.00	71.32 3.91 0.00	60.40 3.47 0.00	55.75 3.65 -0.02	50.17 3.28 -0.02	46.10 3.29 -0.02	40.63 2.76 -0.01
CE_NYC_DRP 24195	44.39 2.67 -0.01	40.54 2.37 -0.01	40.24 2.10 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.67 3.33 0.00	70.76 3.88 0.00	60.13 3.13 0.00	52.08 3.15 -0.51	50.62 3.07 -3.66	49.09 3.14 -1.69	50.97 3.08 -5.06	51.41 3.31 -3.93	53.99 3.52 -2.84	57.57 3.66 -0.01	72.17 4.53 0.00	83.12 5.65 0.00	71.72 4.31 0.00	60.63 3.70 0.00	55.85 3.75 -0.01	50.08 3.19 -0.01	45.92 3.12 -0.01	40.47 2.61 -0.01
CHAFFEE___LFGE 323603	39.84 -1.88 0.00	36.53 -1.64 0.00	36.39 -1.75 0.00	35.48 -1.52 0.00	36.80 -2.14 0.00	41.30 -4.44 0.00	51.81 -6.53 0.00	59.79 -7.09 0.00	51.12 -5.87 0.00	43.37 -5.04 0.02	39.04 -4.83 0.02	39.29 -4.96 0.02	38.31 -4.50 0.02	39.37 -4.77 0.02	42.09 -5.09 0.44	45.01 -5.77 3.12	60.31 -7.31 0.02	69.47 -7.98 0.02	60.79 -6.60 0.02	51.22 -5.69 0.02	46.49 -5.57 0.02	41.94 -4.92 0.02	38.49 -4.28 0.02	34.60 -3.26 0.00
CHATEAUG_35_KV_LOAD 355732	41.71 0.00 0.00	38.21 0.04 0.00	38.26 0.11 0.00	37.18 0.18 0.00	39.14 0.19 0.00	46.10 0.37 0.00	59.04 0.70 0.00	67.68 0.80 0.00	57.79 0.80 0.00	48.86 0.44 0.00	44.37 0.48 0.00	44.84 0.58 0.00	43.30 0.47 0.00	44.56 0.40 0.00	48.15 0.52 0.00	54.65 0.75 0.00	68.31 0.68 0.00	78.01 0.54 0.00	67.94 0.54 0.00	57.50 0.57 0.00	52.71 0.63 0.00	47.20 0.33 0.00	42.79 0.00 0.00	37.63 -0.23 0.00
CHATEAUG_WT_PWR 323614	41.63 -0.08 0.00	38.13 -0.04 0.00	38.18 0.04 0.00	37.11 0.11 0.00	39.06 0.12 0.00	46.01 0.28 0.00	58.87 0.52 0.00	67.48 0.60 0.00	57.62 0.63 0.00	48.81 0.39 0.00	44.33 0.44 0.00	44.79 0.53 0.00	43.30 0.47 0.00	44.56 0.40 0.00	48.15 0.52 0.00	54.59 0.70 0.00	68.25 0.61 0.00	77.85 0.39 0.00	67.81 0.41 0.00	57.33 0.40 0.00	52.55 0.47 0.00	47.11 0.24 0.00	42.70 -0.09 0.00	37.55 -0.30 0.00
CHAT_HIGH_FALL_HYD 323578	41.71 0.00 0.00	38.21 0.04 0.00	38.26 0.11 0.00	37.18 0.18 0.00	39.14 0.19 0.00	46.10 0.37 0.00	59.04 0.70 0.00	67.68 0.80 0.00	57.79 0.80 0.00	48.86 0.44 0.00	44.37 0.48 0.00	44.84 0.58 0.00	43.30 0.47 0.00	44.56 0.40 0.00	48.15 0.52 0.00	54.65 0.75 0.00	68.31 0.68 0.00	78.01 0.54 0.00	67.94 0.54 0.00	57.50 0.57 0.00	52.71 0.63 0.00	47.20 0.33 0.00	42.79 0.00 0.00	37.63 -0.23 0.00
CHAUTAUQUA___LFGE 323629	39.92 -1.79 0.00	36.60 -1.57 0.00	36.39 -1.75 0.00	35.44 -1.55 0.00	36.73 -2.22 0.00	41.30 -4.44 0.00	51.81 -6.53 0.00	59.65 -7.22 0.00	50.84 -6.16 0.00	43.08 -5.33 0.02	38.74 -5.13 0.02	38.98 -5.27 0.02	37.93 -4.88 0.02	38.93 -5.21 0.02	41.52 -5.67 0.43	44.36 -6.47 3.07	59.57 -8.05 0.02	68.93 -8.52 0.02	60.24 -7.15 0.02	50.71 -6.20 0.02	46.03 -6.04 0.02	41.51 -5.34 0.02	38.15 -4.62 0.02	34.34 -3.52 0.00
CHERRYST_13_KV_LD 356241	44.47 2.75 -0.01	40.62 2.44 -0.01	40.32 2.17 0.00	39.14 2.15 0.00	41.24 2.30 0.00	48.62 2.88 -0.01	61.84 3.50 0.00	70.96 4.08 0.00	60.30 3.31 0.00	52.27 3.34 -0.51	50.75 3.20 -3.66	49.22 3.28 -1.69	51.10 3.21 -5.06	51.58 3.49 -3.93	54.18 3.71 -2.84	57.79 3.88 -0.01	72.37 4.73 0.00	83.35 5.89 0.00	71.92 4.52 0.00	60.80 3.87 0.00	56.00 3.91 -0.01	50.22 3.33 -0.01	46.05 3.25 -0.01	40.55 2.69 -0.01

CHESTROR_138KV_BK263 355645	43.55 1.84 0.00	39.81 1.64 0.00	39.59 1.45 0.00	38.44 1.44 0.00	40.50 1.56 0.00	47.75 2.01 0.00	60.73 2.39 0.00	69.55 2.68 0.00	58.99 1.99 0.00	50.41 1.99 0.00	45.82 1.93 0.00	46.21 1.95 0.00	44.75 1.93 0.00	46.28 2.12 0.00	49.86 2.24 0.00	56.27 2.37 0.00	70.61 2.98 0.00	81.26 3.80 0.00	70.37 2.97 0.00	59.43 2.50 0.00	54.64 2.55 0.00	49.08 2.20 0.00	44.97 2.18 0.00	39.67 1.82 0.00
CH_MIDHUDSON___DRP 24192	43.76 2.04 0.00	40.00 1.83 0.00	39.78 1.64 0.00	38.59 1.59 0.00	40.70 1.75 0.00	47.93 2.20 0.00	60.97 2.63 0.00	69.82 2.94 0.00	59.27 2.28 0.00	50.65 2.23 0.00	46.04 2.15 0.00	46.47 2.21 0.00	45.01 2.18 0.00	46.59 2.43 0.00	50.19 2.57 0.00	56.59 2.69 0.00	71.02 3.38 0.00	81.65 4.18 0.00	70.71 3.30 0.00	59.77 2.85 0.00	54.95 2.86 0.00	49.36 2.48 0.00	45.23 2.44 0.00	39.86 2.01 0.00
CH_MISC_IPPS 23765	43.97 2.25 0.00	40.15 1.98 0.00	39.97 1.83 0.00	38.74 1.74 0.00	40.85 1.91 0.00	48.16 2.42 0.00	61.26 2.92 0.00	70.16 3.28 0.00	59.44 2.45 0.00	50.79 2.37 0.00	46.12 2.24 0.00	46.61 2.34 0.00	45.10 2.27 0.00	46.63 2.47 0.00	50.38 2.76 0.00	56.80 2.91 0.00	71.36 3.72 0.00	82.03 4.57 0.00	71.11 3.70 0.00	60.06 3.13 0.00	55.26 3.18 0.00	49.59 2.72 0.00	45.36 2.57 0.00	40.01 2.16 0.00
CH_RES_BVR_FALLS 23983	41.38 -0.34 0.00	37.94 -0.23 0.00	37.99 -0.15 0.00	36.81 -0.18 0.00	38.71 -0.23 0.00	45.46 -0.27 0.00	58.05 -0.29 0.00	66.55 -0.33 0.00	56.77 -0.23 0.00	48.09 -0.34 0.00	43.53 -0.35 0.00	43.86 -0.40 0.00	42.40 -0.43 0.00	43.63 -0.53 0.00	47.10 -0.52 0.00	53.30 -0.59 0.00	66.76 -0.88 0.00	76.38 -1.08 0.00	66.46 -0.94 0.00	56.13 -0.80 0.00	51.36 -0.73 0.00	46.12 -0.75 0.00	41.97 -0.81 0.00	37.10 -0.76 0.00
CH_RES_NIAGARA 23895	38.17 -3.55 0.00	34.85 -3.32 0.00	34.79 -3.36 0.00	33.63 -3.37 0.00	35.17 -3.78 0.00	39.08 -6.63 0.02	48.64 -9.68 0.02	56.49 -10.37 0.02	48.65 -8.32 0.02	41.42 -6.97 0.03	36.70 -7.15 0.03	36.93 -7.30 0.03	36.11 -6.68 0.03	36.44 -7.68 0.03	40.01 -7.24 0.37	43.93 -7.44 2.52	56.03 -11.57 0.04	64.96 -12.47 0.03	56.99 -10.38 0.03	49.06 -7.86 0.02	44.26 -7.81 0.02	40.34 -6.52 0.02	37.30 -5.48 0.02	33.88 -3.97 0.00
CH_RES_SYRACUSE 23985	41.13 -0.58 0.00	37.56 -0.61 0.00	37.53 -0.61 0.00	36.44 -0.55 0.00	38.32 -0.62 0.00	44.87 -0.87 0.00	57.23 -1.11 0.00	65.68 -1.20 0.00	56.02 -0.97 0.00	47.60 -0.82 0.00	43.05 -0.84 0.00	43.42 -0.84 0.00	42.06 -0.77 0.00	43.41 -0.75 0.00	46.77 -0.86 0.00	52.87 -1.03 0.00	66.49 -1.15 0.00	76.30 -1.16 0.00	66.40 -1.01 0.00	56.01 -0.91 0.00	51.09 -0.99 0.00	46.03 -0.84 0.00	42.02 -0.77 0.00	37.18 -0.68 0.00
CLINTON_WT_PWR 323605	41.63 -0.08 0.00	38.13 -0.04 0.00	38.18 0.04 0.00	37.11 0.11 0.00	39.06 0.12 0.00	46.01 0.28 0.00	58.87 0.52 0.00	67.48 0.60 0.00	57.62 0.63 0.00	48.81 0.39 0.00	44.33 0.44 0.00	44.79 0.53 0.00	43.30 0.47 0.00	44.56 0.40 0.00	48.15 0.52 0.00	54.59 0.70 0.00	68.25 0.61 0.00	77.85 0.39 0.00	67.81 0.41 0.00	57.33 0.40 0.00	52.55 0.47 0.00	47.11 0.24 0.00	42.70 -0.09 0.00	37.55 -0.30 0.00
CLINTON___LFGE 323618	42.01 0.29 0.00	38.44 0.27 0.00	38.53 0.38 0.00	37.40 0.41 0.00	39.38 0.43 0.00	46.42 0.69 0.00	59.51 1.17 0.00	68.22 1.34 0.00	58.36 1.37 0.00	49.29 0.87 0.00	44.72 0.83 0.00	45.19 0.93 0.00	43.68 0.86 0.00	44.91 0.75 0.00	48.57 0.95 0.00	55.19 1.29 0.00	68.86 1.22 0.00	78.63 1.16 0.00	68.48 1.08 0.00	57.95 1.03 0.00	53.13 1.04 0.00	47.58 0.70 0.00	43.05 0.26 0.00	37.86 0.00 0.00
COBBLENY_34_KV_TB1 80064	39.84 -1.88 0.00	36.41 -1.76 0.00	36.39 -1.75 0.00	35.18 -1.81 0.00	36.80 -2.14 0.00	41.16 -4.57 0.00	51.57 -6.77 0.00	59.79 -7.09 0.00	51.12 -5.87 0.00	43.37 -5.04 0.02	39.04 -4.83 0.02	39.46 -4.78 0.02	38.36 -4.45 0.02	39.55 -4.59 0.02	42.04 -5.14 0.44	45.00 -5.77 3.12	60.58 -7.03 0.02	69.47 -7.98 0.02	60.78 -6.61 0.02	51.22 -5.69 0.02	46.60 -5.47 0.02	41.98 -4.87 0.02	38.53 -4.24 0.02	34.60 -3.26 0.00
COFFEEN___115KV_TB3 355620	42.30 0.58 0.00	38.82 0.65 0.00	38.91 0.76 0.00	37.55 0.55 0.00	39.72 0.78 0.00	46.70 0.96 0.00	59.86 1.52 0.00	68.55 1.67 0.00	58.19 1.20 0.00	48.66 0.24 0.00	43.71 -0.18 0.00	44.08 -0.18 0.00	42.66 -0.17 0.00	43.98 -0.18 0.00	47.67 0.05 0.00	54.33 0.43 0.00	68.52 0.88 0.00	78.24 0.77 0.00	68.62 1.21 0.00	57.78 0.85 0.00	52.71 0.63 0.00	47.62 0.75 0.00	43.09 0.30 0.00	38.01 0.15 0.00
COLDSPRG_115KV_BK1 355956	40.21 -1.50 0.00	36.80 -1.37 0.00	36.69 -1.45 0.00	35.48 -1.52 0.00	37.08 -1.87 0.00	41.76 -3.98 0.00	52.56 -5.78 0.00	60.66 -6.22 0.00	51.52 -5.47 0.00	43.56 -4.84 0.02	39.66 -4.21 0.02	40.13 -4.12 0.02	38.78 -4.03 0.02	40.48 -3.67 0.02	42.92 -4.24 0.46	45.75 -4.85 3.29	61.80 -5.82 0.02	70.55 -6.89 0.02	61.46 -5.93 0.02	51.78 -5.12 0.02	47.38 -4.69 0.02	42.36 -4.50 0.02	38.75 -4.02 0.02	34.53 -3.33 0.00
COLONIE_LFGE___ 323577	42.59 0.88 0.00	39.01 0.84 0.00	38.98 0.84 0.00	37.78 0.78 0.00	39.88 0.93 0.00	47.11 1.37 0.00	60.09 1.75 0.00	68.82 1.94 0.00	58.53 1.54 0.00	49.73 1.31 0.00	45.20 1.32 0.00	45.50 1.24 0.00	43.98 1.16 0.00	45.26 1.10 0.00	48.95 1.33 0.00	55.57 1.67 0.00	69.80 2.16 0.00	79.94 2.48 0.00	69.56 2.16 0.00	58.63 1.71 0.00	53.75 1.67 0.00	48.37 1.50 0.00	44.20 1.41 0.00	39.07 1.21 0.00
COOPERNY_115KV_TB1 80082	43.09 1.38 0.00	39.43 1.26 0.00	39.29 1.14 0.00	38.11 1.11 0.00	40.15 1.21 0.00	47.24 1.51 0.00	60.15 1.81 0.00	68.89 2.01 0.00	58.53 1.54 0.00	49.92 1.50 0.00	45.33 1.45 0.00	45.77 1.50 0.00	44.28 1.46 0.00	45.75 1.59 0.00	49.34 1.71 0.00	55.73 1.83 0.00	69.94 2.30 0.00	80.25 2.79 0.00	69.63 2.22 0.00	58.81 1.88 0.00	53.96 1.88 0.00	48.56 1.69 0.00	44.41 1.63 0.00	39.22 1.36 0.00
COPENHAGEN_WT_PWR 323753	42.01 0.29 0.00	38.51 0.34 0.00	38.60 0.46 0.00	37.29 0.29 0.00	39.42 0.47 0.00	46.33 0.59 0.00	59.33 0.99 0.00	67.88 1.00 0.00	57.68 0.69 0.00	48.37 -0.05 0.00	43.53 -0.35 0.00	43.91 -0.36 0.00	42.48 -0.34 0.00	43.85 -0.31 0.00	47.43 -0.19 0.00	54.00 0.11 0.00	67.98 0.34 0.00	77.62 0.16 0.00	67.94 0.54 0.00	57.27 0.34 0.00	52.24 0.16 0.00	47.21 0.33 0.00	42.79 0.00 0.00	37.78 -0.08 0.00
CORNELL_____ 23752	42.01 0.29 0.00	38.40 0.23 0.00	38.41 0.27 0.00	37.22 0.22 0.00	39.18 0.23 0.00	45.78 0.05 0.00	58.40 0.06 0.00	67.08 0.20 0.00	57.11 0.11 0.00	48.32 -0.15 -0.05	43.63 -0.31 -0.05	43.95 -0.35 -0.05	42.58 -0.30 -0.05	43.99 -0.22 -0.05	48.75 -0.19 -1.32	63.15 -0.16 -9.42	67.84 0.14 -0.07	77.90 0.39 -0.05	67.92 0.47 -0.05	57.32 0.34 -0.05	52.24 0.10 -0.05	46.98 0.05 -0.05	42.84 0.00 -0.05	37.78 -0.08 0.00

CORONAAV_69_KV_TB1 355595	44.22 2.50 0.00	40.38 2.21 0.00	39.86 1.72 0.00	38.81 1.81 0.00	40.93 1.99 0.00	48.20 2.47 0.00	60.54 2.22 0.02	68.83 2.54 0.59	58.28 1.88 0.59	50.17 1.94 0.19	47.21 3.60 0.28	47.63 3.50 0.13	46.38 3.81 0.26	48.44 4.11 -0.18	51.90 4.33 0.06	56.82 2.91 -0.02	72.02 4.33 -0.05	83.63 6.12 -0.05	72.17 4.72 -0.05	61.02 4.04 -0.05	55.35 3.23 -0.04	49.66 2.77 -0.02	46.17 3.38 0.00	40.85 2.99 0.00
CORTLAND_115KV_TB3 80093	41.80 0.08 0.00	38.21 0.04 0.00	38.22 0.08 0.00	37.03 0.04 0.00	38.98 0.04 0.00	45.69 -0.05 0.00	58.28 -0.06 0.00	66.88 0.00 0.00	56.99 0.00 0.00	48.29 -0.15 -0.01	43.68 -0.22 -0.01	44.05 -0.22 -0.01	42.63 -0.21 -0.01	44.04 -0.13 -0.01	47.85 -0.14 -0.37	56.41 -0.11 -2.63	67.66 0.00 -0.02	77.63 0.15 -0.01	67.62 0.20 -0.01	57.06 0.11 -0.02	52.05 -0.05 -0.02	46.84 -0.05 -0.02	42.72 -0.09 -0.02	37.74 -0.11 0.00
COXSACKIE___GT 23611	43.34 1.63 0.00	39.73 1.57 0.00	39.67 1.53 0.00	38.44 1.44 0.00	40.54 1.60 0.00	47.80 2.06 0.00	61.20 2.86 0.00	69.75 2.87 0.00	58.82 1.82 0.00	49.68 1.26 0.00	44.85 0.96 0.00	45.10 0.84 0.00	43.55 0.73 0.00	45.09 0.93 0.00	48.91 1.29 0.00	55.73 1.83 0.00	70.48 2.84 0.00	80.95 3.49 0.00	70.91 3.50 0.00	59.60 2.68 0.00	54.79 2.71 0.00	49.17 2.30 0.00	44.72 1.93 0.00	39.52 1.66 0.00
CPV_VALLEY___CC1 323721	43.38 1.67 0.00	39.66 1.49 0.00	39.48 1.33 0.00	38.29 1.29 0.00	40.39 1.44 0.00	47.57 1.83 0.00	60.50 2.16 0.00	69.28 2.40 0.00	58.82 1.82 0.00	50.26 1.84 0.00	45.69 1.80 0.00	46.08 1.82 0.00	44.63 1.80 0.00	46.06 1.90 0.00	49.72 2.09 0.00	56.05 2.16 0.00	70.35 2.71 0.00	80.87 3.40 0.00	70.10 2.70 0.00	59.21 2.28 0.00	54.37 2.29 0.00	48.89 2.01 0.00	44.76 1.97 0.00	39.52 1.66 0.00
CPV_VALLEY___CC2 323722	43.38 1.67 0.00	39.66 1.49 0.00	39.48 1.33 0.00	38.29 1.29 0.00	40.39 1.44 0.00	47.57 1.83 0.00	60.50 2.16 0.00	69.28 2.40 0.00	58.82 1.82 0.00	50.26 1.84 0.00	45.69 1.80 0.00	46.08 1.82 0.00	44.63 1.80 0.00	46.06 1.90 0.00	49.72 2.09 0.00	56.05 2.16 0.00	70.35 2.71 0.00	80.87 3.40 0.00	70.10 2.70 0.00	59.21 2.28 0.00	54.37 2.29 0.00	48.89 2.01 0.00	44.76 1.97 0.00	39.52 1.66 0.00
CRESCENT___HYD 24018	42.59 0.88 0.00	39.01 0.84 0.00	38.98 0.84 0.00	37.78 0.78 0.00	39.88 0.93 0.00	47.11 1.37 0.00	60.09 1.75 0.00	68.82 1.94 0.00	58.53 1.54 0.00	49.73 1.31 0.00	45.20 1.32 0.00	45.50 1.24 0.00	43.98 1.16 0.00	45.26 1.10 0.00	48.95 1.33 0.00	55.57 1.67 0.00	69.80 2.16 0.00	79.94 2.48 0.00	69.56 2.16 0.00	58.63 1.71 0.00	53.75 1.67 0.00	48.37 1.50 0.00	44.20 1.41 0.00	39.07 1.21 0.00
CRICKET___VALLEY_CC1 323756	43.38 1.67 0.00	39.62 1.45 0.00	39.44 1.30 0.00	38.22 1.22 0.00	40.35 1.40 0.00	47.57 1.83 0.00	60.38 2.04 0.00	69.22 2.34 0.00	58.76 1.77 0.00	50.31 1.89 0.00	45.77 1.89 0.00	46.16 1.90 0.00	44.71 1.88 0.00	46.15 1.99 0.00	49.81 2.19 0.00	56.11 2.21 0.00	70.41 2.77 0.00	80.87 3.40 0.00	70.03 2.63 0.00	59.21 2.28 0.00	54.43 2.35 0.00	48.93 2.06 0.00	44.84 2.05 0.00	39.56 1.71 0.00
CRICKET___VALLEY_CC2 323757	43.38 1.67 0.00	39.62 1.45 0.00	39.44 1.30 0.00	38.22 1.22 0.00	40.35 1.40 0.00	47.57 1.83 0.00	60.38 2.04 0.00	69.22 2.34 0.00	58.76 1.77 0.00	50.31 1.89 0.00	45.77 1.89 0.00	46.16 1.90 0.00	44.71 1.88 0.00	46.15 1.99 0.00	49.81 2.19 0.00	56.11 2.21 0.00	70.41 2.77 0.00	80.87 3.40 0.00	70.03 2.63 0.00	59.21 2.28 0.00	54.43 2.35 0.00	48.93 2.06 0.00	44.84 2.05 0.00	39.56 1.71 0.00
CRICKET___VALLEY_CC3 323758	43.38 1.67 0.00	39.62 1.45 0.00	39.44 1.30 0.00	38.22 1.22 0.00	40.35 1.40 0.00	47.57 1.83 0.00	60.38 2.04 0.00	69.22 2.34 0.00	58.76 1.77 0.00	50.31 1.89 0.00	45.77 1.89 0.00	46.16 1.90 0.00	44.71 1.88 0.00	46.15 1.99 0.00	49.81 2.19 0.00	56.11 2.21 0.00	70.41 2.77 0.00	80.87 3.40 0.00	70.03 2.63 0.00	59.21 2.28 0.00	54.43 2.35 0.00	48.93 2.06 0.00	44.84 2.05 0.00	39.56 1.71 0.00
CRUCIBLE_METL_DRP 24180	41.13 -0.58 0.00	37.56 -0.61 0.00	37.53 -0.61 0.00	36.41 -0.59 0.00	38.32 -0.62 0.00	44.87 -0.87 0.00	57.17 -1.17 0.00	65.68 -1.20 0.00	56.02 -0.97 0.00	47.60 -0.82 0.00	43.05 -0.83 0.00	43.42 -0.84 0.00	42.06 -0.77 0.00	43.37 -0.79 0.00	46.76 -0.86 0.00	52.87 -1.02 0.00	66.49 -1.15 0.00	76.22 -1.24 0.00	66.39 -1.01 0.00	56.02 -0.91 0.00	51.10 -0.99 0.00	46.03 -0.84 0.00	42.02 -0.77 0.00	37.17 -0.68 0.00
DAHOWA___HYDRO 323763	43.01 1.29 0.00	39.43 1.26 0.00	39.40 1.26 0.00	38.15 1.15 0.00	40.27 1.32 0.00	47.52 1.78 0.00	60.68 2.34 0.00	69.42 2.54 0.00	58.93 1.94 0.00	49.97 1.55 0.00	45.38 1.49 0.00	45.55 1.28 0.00	43.98 1.16 0.00	45.35 1.19 0.00	49.10 1.48 0.00	55.89 2.00 0.00	70.35 2.71 0.00	80.48 3.02 0.00	70.17 2.76 0.00	59.03 2.11 0.00	54.11 2.03 0.00	48.66 1.78 0.00	44.46 1.67 0.00	39.26 1.40 0.00
DANC___LFGE 323619	41.47 -0.25 0.00	37.98 -0.19 0.00	38.03 -0.11 0.00	36.81 -0.18 0.00	38.83 -0.12 0.00	45.51 -0.23 0.00	58.17 -0.17 0.00	66.61 -0.27 0.00	56.71 -0.28 0.00	47.79 -0.63 0.00	43.10 -0.79 0.00	43.47 -0.80 0.00	42.10 -0.73 0.00	43.45 -0.71 0.00	46.91 -0.71 0.00	53.25 -0.64 0.00	66.96 -0.68 0.00	76.61 -0.85 0.00	66.94 -0.47 0.00	56.47 -0.46 0.00	51.56 -0.52 0.00	46.50 -0.38 0.00	42.28 -0.51 0.00	37.36 -0.49 0.00
DANSKAMMER___1 23586	43.97 2.25 0.00	40.15 1.98 0.00	39.97 1.83 0.00	38.74 1.74 0.00	40.85 1.91 0.00	48.16 2.42 0.00	61.26 2.92 0.00	70.16 3.28 0.00	59.44 2.45 0.00	50.79 2.37 0.00	46.12 2.24 0.00	46.61 2.34 0.00	45.10 2.27 0.00	46.63 2.47 0.00	50.38 2.76 0.00	56.80 2.91 0.00	71.36 3.72 0.00	82.03 4.57 0.00	71.11 3.70 0.00	60.06 3.13 0.00	55.26 3.18 0.00	49.59 2.72 0.00	45.36 2.57 0.00	40.01 2.16 0.00
DANSKAMMER___2 23589	43.97 2.25 0.00	40.15 1.98 0.00	39.97 1.83 0.00	38.74 1.74 0.00	40.85 1.91 0.00	48.16 2.42 0.00	61.26 2.92 0.00	70.16 3.28 0.00	59.44 2.45 0.00	50.79 2.37 0.00	46.12 2.24 0.00	46.61 2.34 0.00	45.10 2.27 0.00	46.63 2.47 0.00	50.38 2.76 0.00	56.80 2.91 0.00	71.36 3.72 0.00	82.03 4.57 0.00	71.11 3.70 0.00	60.06 3.13 0.00	55.26 3.18 0.00	49.59 2.72 0.00	45.36 2.57 0.00	40.01 2.16 0.00
DANSKAMMER___3 23590	43.97 2.25 0.00	40.15 1.98 0.00	39.97 1.83 0.00	38.74 1.74 0.00	40.85 1.91 0.00	48.16 2.42 0.00	61.26 2.92 0.00	70.16 3.28 0.00	59.44 2.45 0.00	50.79 2.37 0.00	46.12 2.24 0.00	46.61 2.34 0.00	45.10 2.27 0.00	46.63 2.47 0.00	50.38 2.76 0.00	56.80 2.91 0.00	71.36 3.72 0.00	82.03 4.57 0.00	71.11 3.70 0.00	60.06 3.13 0.00	55.26 3.18 0.00	49.59 2.72 0.00	45.36 2.57 0.00	40.01 2.16 0.00

DANSKAMMER___4 23591	43.97 2.25 0.00	40.15 1.98 0.00	39.97 1.83 0.00	38.74 1.74 0.00	40.85 1.91 0.00	48.16 2.42 0.00	61.26 2.92 0.00	70.16 3.28 0.00	59.44 2.45 0.00	50.79 2.37 0.00	46.12 2.24 0.00	46.61 2.34 0.00	45.10 2.27 0.00	46.63 2.47 0.00	50.38 2.76 0.00	56.80 2.91 0.00	71.36 3.72 0.00	82.03 4.57 0.00	71.11 3.70 0.00	60.06 3.13 0.00	55.26 3.18 0.00	49.59 2.72 0.00	45.36 2.57 0.00	40.01 2.16 0.00
DANSKAMMER___DIESEL 23592	43.97 2.25 0.00	40.19 2.02 0.00	39.97 1.83 0.00	38.77 1.78 0.00	40.89 1.95 0.00	48.16 2.42 0.00	61.32 2.98 0.00	70.16 3.28 0.00	59.44 2.45 0.00	50.79 2.37 0.00	46.17 2.28 0.00	46.61 2.35 0.00	45.10 2.27 0.00	46.72 2.56 0.00	50.38 2.76 0.00	56.81 2.91 0.00	71.36 3.72 0.00	82.03 4.57 0.00	71.11 3.71 0.00	60.06 3.13 0.00	55.26 3.18 0.00	49.59 2.72 0.00	45.40 2.61 0.00	40.01 2.16 0.00
DARBY___SOLAR 323810	42.88 1.17 0.00	39.31 1.14 0.00	39.29 1.14 0.00	38.03 1.03 0.00	40.15 1.21 0.00	47.38 1.64 0.00	60.50 2.16 0.00	69.22 2.34 0.00	58.82 1.82 0.00	49.83 1.41 0.00	45.29 1.40 0.00	45.46 1.20 0.00	43.94 1.11 0.00	45.26 1.10 0.00	49.00 1.38 0.00	55.78 1.89 0.00	70.21 2.57 0.00	80.33 2.87 0.00	69.97 2.56 0.00	58.92 1.99 0.00	54.01 1.93 0.00	48.56 1.69 0.00	44.37 1.58 0.00	39.18 1.32 0.00
DASHVILLE___HYD 23610	43.51 1.79 0.00	39.77 1.60 0.00	39.56 1.41 0.00	38.40 1.41 0.00	40.50 1.56 0.00	47.66 1.92 0.00	60.68 2.33 0.00	69.35 2.47 0.00	58.76 1.77 0.00	50.21 1.79 0.00	45.55 1.67 0.00	45.99 1.73 0.00	44.50 1.67 0.00	46.10 1.94 0.00	49.67 2.05 0.00	56.05 2.16 0.00	70.41 2.77 0.00	81.03 3.56 0.00	70.24 2.83 0.00	59.32 2.39 0.00	54.59 2.50 0.00	49.03 2.16 0.00	44.93 2.14 0.00	39.60 1.74 0.00
DELAWARE___LFGE 323621	42.63 0.92 0.00	39.01 0.84 0.00	38.98 0.84 0.00	37.77 0.78 0.00	39.84 0.90 0.00	46.79 1.05 0.00	59.62 1.28 0.00	68.28 1.40 0.00	58.08 1.08 0.00	49.44 1.02 0.00	44.85 0.97 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.22 1.06 0.00	48.77 1.14 0.00	55.13 1.24 0.00	69.26 1.62 0.00	79.25 1.78 0.00	68.89 1.48 0.00	58.18 1.25 0.00	53.28 1.20 0.00	47.91 1.03 0.00	43.73 0.94 0.00	38.61 0.76 0.00
DERFIELD_115KV_TB7 355931	41.84 0.13 0.00	38.28 0.11 0.00	38.26 0.11 0.00	37.11 0.11 0.00	39.06 0.12 0.00	45.92 0.18 0.00	58.52 0.18 0.00	67.08 0.20 0.00	57.11 0.11 0.00	48.52 0.10 0.00	44.02 0.13 0.00	44.35 0.09 0.00	42.91 0.09 0.00	44.29 0.13 0.00	47.76 0.14 0.00	54.06 0.16 0.00	67.84 0.20 0.00	77.70 0.23 0.00	67.61 0.20 0.00	57.10 0.17 0.00	52.19 0.10 0.00	46.97 0.09 0.00	42.92 0.13 0.00	37.97 0.11 0.00
DOGLEVILLE___HYD 23807	44.47 2.75 0.00	40.80 2.63 0.00	40.81 2.67 0.00	39.59 2.59 0.00	41.75 2.80 0.00	48.98 3.25 0.00	62.31 3.97 0.00	71.36 4.48 0.00	60.75 3.76 0.00	51.47 3.05 0.00	46.78 2.90 0.00	47.14 2.88 0.00	45.57 2.74 0.00	46.99 2.83 0.00	50.67 3.05 0.00	57.40 3.50 0.00	71.83 4.19 0.00	81.96 4.49 0.00	71.32 3.91 0.00	60.06 3.13 0.00	54.74 2.66 0.00	49.27 2.39 0.00	44.84 2.05 0.00	39.60 1.74 0.00
DUNKIRK__115KV_TB_200 55889	39.96 -1.75 0.00	36.53 -1.64 0.00	36.43 -1.72 0.00	35.22 -1.78 0.00	36.77 -2.18 0.00	41.25 -4.48 0.00	51.69 -6.65 0.00	59.79 -7.09 0.00	50.95 -6.04 0.00	43.18 -5.23 0.02	38.82 -5.05 0.02	39.20 -5.05 0.02	38.06 -4.75 0.02	39.15 -4.99 0.02	41.57 -5.62 0.43	44.47 -6.36 3.06	59.91 -7.71 0.02	69.08 -8.37 0.02	60.45 -6.94 0.02	50.87 -6.03 0.02	46.18 -5.89 0.02	41.65 -5.20 0.02	38.28 -4.49 0.02	34.41 -3.44 0.00
DUNKIRK___1 23563	39.96 -1.75 0.00	36.53 -1.64 0.00	36.43 -1.72 0.00	35.22 -1.78 0.00	36.77 -2.18 0.00	41.25 -4.48 0.00	51.69 -6.65 0.00	59.79 -7.09 0.00	50.95 -6.04 0.00	43.18 -5.23 0.02	38.82 -5.05 0.02	39.20 -5.05 0.02	38.06 -4.75 0.02	39.15 -4.99 0.02	41.57 -5.62 0.43	44.47 -6.36 3.06	59.91 -7.71 0.02	69.08 -8.37 0.02	60.45 -6.94 0.02	50.87 -6.03 0.02	46.18 -5.89 0.02	41.65 -5.20 0.02	38.28 -4.49 0.02	34.41 -3.44 0.00
DUNKIRK___2 23564	39.96 -1.75 0.00	36.53 -1.64 0.00	36.43 -1.72 0.00	35.22 -1.78 0.00	36.77 -2.18 0.00	41.25 -4.48 0.00	51.69 -6.65 0.00	59.79 -7.09 0.00	50.95 -6.04 0.00	43.18 -5.23 0.02	38.82 -5.05 0.02	39.20 -5.05 0.02	38.06 -4.75 0.02	39.15 -4.99 0.02	41.57 -5.62 0.43	44.47 -6.36 3.06	59.91 -7.71 0.02	69.08 -8.37 0.02	60.45 -6.94 0.02	50.87 -6.03 0.02	46.18 -5.89 0.02	41.65 -5.20 0.02	38.28 -4.49 0.02	34.41 -3.44 0.00
DUNKIRK___3 23565	39.84 -1.88 0.00	36.45 -1.72 0.00	36.35 -1.79 0.00	35.15 -1.85 0.00	36.73 -2.22 0.00	41.21 -4.53 0.00	51.69 -6.65 0.00	59.79 -7.09 0.00	50.95 -6.04 0.00	43.18 -5.23 0.02	38.87 -5.00 0.02	39.24 -5.00 0.02	38.14 -4.67 0.02	39.24 -4.90 0.02	41.72 -5.48 0.43	44.72 -6.14 3.03	60.11 -7.51 0.02	69.24 -8.21 0.02	60.51 -6.88 0.02	50.93 -5.98 0.02	46.34 -5.73 0.02	41.75 -5.11 0.02	38.32 -4.45 0.02	34.45 -3.41 0.00
DUNKIRK___4 23566	39.84 -1.88 0.00	36.45 -1.72 0.00	36.35 -1.79 0.00	35.15 -1.85 0.00	36.73 -2.22 0.00	41.21 -4.53 0.00	51.69 -6.65 0.00	59.79 -7.09 0.00	50.95 -6.04 0.00	43.18 -5.23 0.02	38.87 -5.00 0.02	39.24 -5.00 0.02	38.14 -4.67 0.02	39.24 -4.90 0.02	41.72 -5.48 0.43	44.72 -6.14 3.03	60.11 -7.51 0.02	69.24 -8.21 0.02	60.51 -6.88 0.02	50.93 -5.98 0.02	46.34 -5.73 0.02	41.75 -5.11 0.02	38.32 -4.45 0.02	34.45 -3.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.09 2.38 0.00	40.27 2.10 0.00	39.97 1.83 0.00	38.81 1.81 0.00	40.93 1.99 0.00	48.25 2.52 0.00	61.32 2.98 0.00	70.29 3.41 0.00	59.67 2.68 0.00	51.17 2.76 0.01	46.52 2.72 0.09	46.97 2.74 0.04	45.45 2.74 0.12	47.03 2.96 0.09	50.65 3.10 0.07	57.13 3.23 0.00	71.63 3.99 0.00	82.42 4.96 0.00	71.25 3.84 0.00	60.23 3.30 0.00	55.42 3.33 0.00	49.78 2.91 0.00	45.65 2.87 0.00	40.20 2.35 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.76 2.04 0.00	40.00 1.83 0.00	39.78 1.64 0.00	38.63 1.63 0.00	40.70 1.75 0.00	47.98 2.24 0.00	61.03 2.68 0.00	69.82 2.94 0.00	59.22 2.22 0.00	50.60 2.18 0.00	45.99 2.11 0.00	46.39 2.12 0.00	44.93 2.10 0.00	46.50 2.34 0.00	50.10 2.48 0.00	56.54 2.64 0.00	71.02 3.38 0.00	81.65 4.18 0.00	70.71 3.30 0.00	59.77 2.85 0.00	54.95 2.86 0.00	49.36 2.48 0.00	45.18 2.40 0.00	39.86 2.01 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.35 2.63 -0.01	40.66 2.48 -0.01	40.48 2.33 -0.01	39.30 2.29 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.32 2.98 0.00	70.09 3.21 0.00	59.56 2.56 0.00	51.20 2.76 -0.02	46.77 2.72 -0.16	47.08 2.74 -0.07	45.80 2.74 -0.23	47.30 2.96 -0.18	50.84 3.10 -0.13	57.20 3.29 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.54 3.44 -0.02	49.94 3.05 -0.02	45.93 3.12 -0.02	40.59 2.73 -0.01

E179THST_13_KV_LOAD 356214	44.52 2.79 -0.01	40.81 2.63 -0.01	40.59 2.44 -0.01	39.41 2.40 -0.01	41.52 2.57 -0.01	48.90 3.16 -0.01	61.49 3.15 0.00	70.36 3.48 0.00	59.84 2.85 0.00	51.39 2.95 -0.02	46.95 2.90 -0.16	47.25 2.92 -0.07	45.97 2.91 -0.23	47.47 3.14 -0.18	51.03 3.29 -0.13	57.47 3.56 -0.02	71.76 4.13 0.00	82.65 5.19 0.00	71.32 3.91 0.00	60.40 3.47 0.00	55.75 3.65 -0.02	50.17 3.28 -0.02	46.10 3.29 -0.02	40.74 2.88 -0.01
EAST HAMPTON___GT 23717	43.21 1.50 0.00	39.47 1.30 0.00	38.87 0.72 0.00	37.66 0.67 0.00	40.08 1.13 0.00	47.70 1.97 0.00	58.61 0.41 0.14	61.13 0.47 6.22	50.90 0.11 6.20	46.08 -0.29 2.05	44.53 1.76 1.11	44.52 1.86 1.60	45.01 2.44 0.26	47.43 3.09 -0.18	49.76 3.57 1.43	55.50 1.62 0.01	71.49 3.85 0.00	83.11 5.65 0.00	70.64 3.24 0.00	60.74 3.81 0.00	54.79 2.71 0.00	48.79 1.92 0.01	46.34 3.55 0.00	41.30 3.44 0.00
EAST RIVER___6 23660	44.31 2.59 -0.01	40.43 2.25 -0.01	40.13 1.98 0.00	38.88 1.89 0.00	41.05 2.10 0.00	48.44 2.70 -0.01	61.55 3.21 0.00	70.76 3.88 0.00	60.13 3.13 0.00	52.13 3.20 -0.51	50.62 3.07 -3.66	49.09 3.14 -1.69	51.01 3.12 -5.06	51.36 3.27 -3.93	54.08 3.62 -2.84	57.68 3.77 -0.01	72.24 4.60 0.00	83.20 5.73 0.00	71.78 4.38 0.00	60.68 3.76 0.00	55.85 3.75 -0.01	50.08 3.19 -0.01	45.88 3.08 -0.01	40.40 2.54 -0.01
EAST RIVER___7 23524	44.31 2.59 -0.01	40.43 2.25 -0.01	40.13 1.98 0.00	38.88 1.89 0.00	41.05 2.10 0.00	48.44 2.70 -0.01	61.55 3.21 0.00	70.76 3.88 0.00	60.13 3.13 0.00	52.13 3.20 -0.51	50.62 3.07 -3.66	49.09 3.14 -1.69	51.01 3.12 -5.06	51.36 3.27 -3.93	54.08 3.62 -2.84	57.68 3.77 -0.01	72.24 4.60 0.00	83.20 5.73 0.00	71.78 4.38 0.00	60.68 3.76 0.00	55.85 3.75 -0.01	50.08 3.19 -0.01	45.88 3.08 -0.01	40.40 2.54 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.97 2.25 0.00	40.15 1.98 0.00	39.90 1.75 0.00	38.74 1.74 0.00	40.82 1.87 0.00	48.16 2.42 0.00	61.20 2.86 0.00	70.09 3.21 0.00	59.56 2.56 0.00	51.01 2.57 -0.02	46.52 2.50 -0.13	46.84 2.52 -0.06	45.53 2.53 -0.18	47.04 2.74 -0.14	50.63 2.90 -0.10	56.91 3.02 0.00	71.36 3.72 0.00	82.19 4.73 0.00	70.98 3.57 0.00	60.06 3.13 0.00	55.21 3.13 0.00	49.59 2.72 0.00	45.44 2.65 0.00	40.09 2.23 0.00
EAST_HAMPTON___DIESEL 23722	43.13 1.42 0.00	39.39 1.22 0.00	38.79 0.65 0.00	37.59 0.59 0.00	40.00 1.05 0.00	47.61 1.88 0.00	58.50 0.29 0.14	61.00 0.34 6.22	50.79 0.00 6.20	45.98 -0.39 2.05	44.44 1.67 1.11	44.43 1.77 1.60	44.92 2.35 0.26	47.34 3.00 -0.18	49.66 3.47 1.43	55.40 1.51 0.01	71.35 3.72 0.00	83.04 5.58 0.00	70.57 3.17 0.00	60.62 3.70 0.00	54.68 2.60 0.00	48.70 1.83 0.01	46.30 3.51 0.00	41.26 3.41 0.00
EAST_POINT___SOLAR 323840	42.55 0.83 0.00	38.97 0.80 0.00	38.95 0.80 0.00	37.70 0.70 0.00	39.84 0.90 0.00	47.11 1.37 0.00	60.21 1.87 0.00	69.48 2.61 0.00	58.07 1.08 0.00	48.33 -0.10 0.00	43.80 -0.09 0.00	43.78 -0.49 0.00	42.32 -0.51 0.00	44.03 -0.13 0.00	48.34 0.72 0.00	55.03 1.13 0.00	69.67 2.03 0.00	79.79 2.32 0.00	69.76 2.36 0.00	58.52 1.59 0.00	53.49 1.41 0.00	48.19 1.31 0.00	43.77 0.98 0.00	38.57 0.72 0.00
EAST_PULASKI___ESR 323781	40.96 -0.75 0.00	37.48 -0.69 0.00	37.50 -0.65 0.00	36.33 -0.66 0.00	38.25 -0.70 0.00	44.82 -0.91 0.00	57.18 -1.17 0.00	65.47 -1.41 0.00	55.85 -1.14 0.00	47.31 -1.11 0.00	42.75 -1.14 0.00	43.11 -1.15 0.00	41.71 -1.11 0.00	43.10 -1.06 0.00	46.43 -1.19 0.00	52.60 -1.29 0.00	66.15 -1.49 0.00	75.76 -1.70 0.00	66.06 -1.35 0.00	55.79 -1.14 0.00	50.94 -1.15 0.00	45.89 -0.99 0.00	41.85 -0.94 0.00	37.02 -0.83 0.00
EAST_RIVER___1 323558	44.39 2.67 -0.01	40.50 2.33 -0.01	40.24 2.10 0.00	38.99 2.00 0.00	41.16 2.22 0.00	48.53 2.79 -0.01	61.61 3.27 0.00	70.82 3.94 0.00	60.13 3.13 0.00	52.08 3.15 -0.51	50.62 3.07 -3.66	49.09 3.14 -1.69	50.97 3.09 -5.06	51.32 3.22 -3.93	53.99 3.52 -2.84	57.57 3.67 -0.01	72.10 4.46 0.00	83.04 5.58 0.00	71.72 4.32 0.00	60.62 3.70 0.00	55.85 3.75 -0.01	50.12 3.23 -0.01	45.92 3.12 -0.01	40.47 2.61 -0.01
EAST_RIVER___2 323559	44.31 2.59 -0.01	40.43 2.25 -0.01	40.13 1.98 0.00	38.88 1.89 0.00	41.05 2.10 0.00	48.44 2.70 -0.01	61.55 3.21 0.00	70.76 3.88 0.00	60.13 3.13 0.00	52.13 3.20 -0.51	50.62 3.07 -3.66	49.09 3.14 -1.69	51.01 3.12 -5.06	51.36 3.27 -3.93	54.08 3.62 -2.84	57.68 3.77 -0.01	72.24 4.60 0.00	83.20 5.73 0.00	71.78 4.38 0.00	60.68 3.76 0.00	55.85 3.75 -0.01	50.08 3.19 -0.01	45.88 3.08 -0.01	40.40 2.54 -0.01
EAST___DELAWARE_HYD 23607	44.01 2.29 0.00	40.23 2.06 0.00	40.05 1.91 0.00	38.81 1.81 0.00	40.97 2.02 0.00	48.25 2.51 0.00	61.43 3.09 0.00	70.29 3.41 0.00	59.50 2.50 0.00	50.75 2.32 0.00	45.99 2.11 0.00	46.43 2.17 0.00	44.97 2.14 0.00	46.50 2.34 0.00	50.19 2.57 0.00	56.75 2.85 0.00	71.36 3.72 0.00	82.03 4.57 0.00	71.25 3.84 0.00	60.11 3.19 0.00	55.32 3.23 0.00	49.69 2.81 0.00	45.36 2.57 0.00	40.01 2.16 0.00
EIGHT_POINT___WT_PWR 323820	39.80 -1.92 0.00	36.49 -1.68 0.00	36.35 -1.79 0.00	35.37 -1.63 0.00	36.77 -2.18 0.00	41.76 -3.98 0.00	52.56 -5.78 0.00	60.26 -6.62 0.00	51.24 -5.75 0.00	43.05 -5.33 0.04	38.62 -5.22 0.04	38.64 -5.58 0.04	37.56 -5.23 0.04	38.55 -5.57 0.04	40.70 -5.76 1.16	39.12 -6.52 8.26	59.26 -8.32 0.06	68.36 -9.06 0.04	59.82 -7.55 0.04	50.39 -6.49 0.05	45.68 -6.36 0.05	41.15 -5.67 0.05	37.60 -5.14 0.05	33.69 -4.16 0.00
ELBRIDGE_115KV_TB2 80188	40.92 -0.79 0.00	37.37 -0.80 0.00	37.34 -0.80 0.00	36.22 -0.78 0.00	38.09 -0.86 0.00	44.59 -1.14 0.00	56.82 -1.52 0.00	65.27 -1.61 0.00	55.68 -1.31 0.00	47.26 -1.16 0.00	42.75 -1.14 0.00	43.11 -1.15 0.00	41.72 -1.11 0.00	43.01 -1.15 0.00	46.44 -1.24 -0.06	52.90 -1.40 -0.41	66.02 -1.62 0.00	75.76 -1.70 0.00	65.99 -1.42 0.00	55.68 -1.25 0.00	50.79 -1.30 0.00	45.75 -1.12 0.00	41.76 -1.03 0.00	36.99 -0.87 0.00
ELEC_TRO_TEK 24086	43.92 2.21 0.00	40.15 1.98 0.00	39.63 1.49 0.00	38.59 1.59 0.00	40.70 1.75 0.00	47.98 2.24 0.00	60.17 1.87 0.04	67.59 2.14 1.43	57.17 1.60 1.42	49.64 1.69 0.47	46.86 3.38 0.41	47.14 3.23 0.36	46.13 3.55 0.26	48.13 3.80 -0.18	51.40 4.05 0.27	56.49 2.59 0.00	71.51 3.86 -0.02	83.06 5.58 -0.02	71.60 4.18 -0.02	60.53 3.59 -0.02	54.96 2.86 -0.01	49.36 2.48 0.00	45.91 3.12 0.00	40.62 2.76 0.00
ELLENBURG_WT_PWR 323604	41.63 -0.08 0.00	38.13 -0.04 0.00	38.18 0.04 0.00	37.11 0.11 0.00	39.06 0.12 0.00	46.01 0.28 0.00	58.87 0.52 0.00	67.48 0.60 0.00	57.62 0.63 0.00	48.81 0.39 0.00	44.33 0.44 0.00	44.79 0.53 0.00	43.30 0.47 0.00	44.56 0.40 0.00	48.15 0.52 0.00	54.59 0.70 0.00	68.25 0.61 0.00	77.85 0.39 0.00	67.81 0.41 0.00	57.33 0.40 0.00	52.55 0.47 0.00	47.11 0.24 0.00	42.70 -0.09 0.00	37.55 -0.30 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.71 -2.00 0.00	36.26 -1.91 0.00	36.24 -1.91 0.00	35.04 -1.96 0.00	36.61 -2.34 0.00	40.89 -4.85 0.00	51.17 -7.18 0.00	59.32 -7.56 0.00	50.84 -6.16 0.00	43.13 -5.28 0.01	38.65 -5.22 0.01	38.98 -5.27 0.01	37.97 -4.84 0.01	38.85 -5.30 0.01	41.37 -5.86 0.39	44.53 -6.58 2.79	59.50 -8.12 0.02	68.62 -8.83 0.01	60.04 -7.35 0.01	50.59 -6.32 0.02	45.87 -6.20 0.02	41.51 -5.34 0.02	38.19 -4.58 0.02	34.49 -3.37 0.00
EMPIRE_CC_1 323656	42.05 0.33 0.00	38.55 0.38 0.00	38.49 0.34 0.00	37.33 0.33 0.00	39.34 0.39 0.00	46.51 0.78 0.00	59.22 0.88 0.00	67.75 0.87 0.00	57.73 0.74 0.00	49.15 0.73 0.00	44.68 0.79 0.00	45.01 0.75 0.00	43.55 0.73 0.00	44.82 0.66 0.00	48.43 0.81 0.00	54.81 0.92 0.00	68.79 1.15 0.00	78.70 1.24 0.00	68.42 1.01 0.00	57.78 0.86 0.00	52.97 0.88 0.00	47.81 0.94 0.00	43.69 0.90 0.00	38.69 0.83 0.00
EMPIRE_CC_2 323658	42.05 0.33 0.00	38.55 0.38 0.00	38.49 0.34 0.00	37.33 0.33 0.00	39.34 0.39 0.00	46.51 0.78 0.00	59.22 0.88 0.00	67.75 0.87 0.00	57.73 0.74 0.00	49.15 0.73 0.00	44.68 0.79 0.00	45.01 0.75 0.00	43.55 0.73 0.00	44.82 0.66 0.00	48.43 0.81 0.00	54.81 0.92 0.00	68.79 1.15 0.00	78.70 1.24 0.00	68.42 1.01 0.00	57.78 0.86 0.00	52.97 0.88 0.00	47.81 0.94 0.00	43.69 0.90 0.00	38.69 0.83 0.00
ENORWICH_115KV_TB1 80156	43.72 2.00 0.00	40.12 1.95 0.00	40.17 2.02 0.00	38.77 1.78 0.00	41.05 2.10 0.00	48.07 2.33 0.00	61.38 3.03 0.00	70.29 3.41 0.00	59.61 2.62 0.00	49.79 1.36 -0.02	44.96 1.05 -0.02	45.38 1.11 -0.02	43.96 1.11 -0.02	45.41 1.24 -0.02	49.65 1.57 -0.46	59.26 2.10 -3.26	70.84 3.18 -0.02	81.28 3.80 -0.02	70.72 3.30 -0.02	59.34 2.39 -0.02	53.93 1.82 -0.02	48.30 1.41 -0.02	43.75 0.94 -0.02	38.54 0.68 0.00
ERIE_ST__34_KV_TB1-2 80199	39.67 -2.04 0.00	36.30 -1.87 0.00	36.27 -1.87 0.00	35.07 -1.92 0.00	36.69 -2.26 0.00	41.07 -4.67 0.00	51.51 -6.83 0.00	59.66 -7.22 0.00	50.95 -6.04 0.00	43.22 -5.18 0.02	39.35 -4.52 0.02	39.91 -4.34 0.02	38.66 -4.15 0.02	40.39 -3.75 0.02	42.91 -4.29 0.43	46.08 -4.80 3.02	61.73 -5.88 0.02	70.17 -7.28 0.02	61.19 -6.20 0.02	51.61 -5.29 0.02	47.28 -4.79 0.02	42.26 -4.59 0.02	38.62 -4.15 0.02	34.45 -3.41 0.00
ERIE_WT_PWR 323693	39.80 -1.92 0.00	36.49 -1.68 0.00	36.35 -1.79 0.00	35.44 -1.55 0.00	36.73 -2.22 0.00	41.16 -4.57 0.00	51.57 -6.77 0.00	59.52 -7.36 0.00	50.89 -6.10 0.00	43.18 -5.23 0.02	38.82 -5.05 0.02	39.07 -5.18 0.02	38.10 -4.71 0.02	39.15 -4.99 0.02	41.77 -5.43 0.42	44.75 -6.15 3.00	59.84 -7.78 0.02	69.01 -8.44 0.02	60.38 -7.01 0.02	50.87 -6.04 0.02	46.18 -5.89 0.02	41.70 -5.16 0.02	38.32 -4.45 0.02	34.49 -3.37 0.00
ESPRGFLD_115KV_TB1 80157	41.88 0.17 0.00	38.36 0.19 0.00	38.33 0.19 0.00	37.11 0.11 0.00	39.22 0.27 0.00	46.19 0.46 0.00	58.92 0.58 0.00	70.02 3.14 0.00	58.70 1.71 0.00	48.66 0.24 0.00	44.33 0.44 0.00	44.48 0.22 0.00	42.96 0.13 0.00	44.65 0.49 0.00	48.96 1.33 0.00	54.33 0.43 0.00	68.38 0.74 0.00	78.24 0.77 0.00	68.21 0.81 0.00	57.44 0.51 0.00	52.45 0.36 0.00	47.20 0.33 0.00	42.96 0.17 0.00	37.86 0.00 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.01 0.29 0.00	38.40 0.23 0.00	38.37 0.23 0.00	37.18 0.18 0.00	39.14 0.19 0.00	45.78 0.05 0.00	58.40 0.06 0.00	67.08 0.20 0.00	57.11 0.11 0.00	48.32 -0.15 -0.04	43.62 -0.31 -0.04	43.99 -0.31 -0.04	42.57 -0.30 -0.04	43.98 -0.22 -0.04	48.49 -0.19 -1.06	61.36 -0.11 -7.58	67.83 0.14 -0.06	77.89 0.39 -0.04	67.85 0.40 -0.04	57.26 0.28 -0.04	52.23 0.10 -0.04	46.97 0.05 -0.04	42.79 -0.04 -0.04	37.78 -0.08 0.00
ETNA____115KV_TB2 80207	42.01 0.29 0.00	38.40 0.23 0.00	38.37 0.23 0.00	37.18 0.18 0.00	39.14 0.19 0.00	45.78 0.05 0.00	58.40 0.06 0.00	67.08 0.20 0.00	57.11 0.11 0.00	48.32 -0.15 -0.04	43.62 -0.31 -0.04	43.99 -0.31 -0.04	42.57 -0.30 -0.04	43.98 -0.22 -0.04	48.49 -0.19 -1.06	61.36 -0.11 -7.58	67.83 0.14 -0.06	77.89 0.39 -0.04	67.85 0.40 -0.04	57.26 0.28 -0.04	52.23 0.10 -0.04	46.97 0.05 -0.04	42.79 -0.04 -0.04	37.78 -0.08 0.00
EUCLID__115KV_TB2 356179	40.71 -1.00 0.00	37.21 -0.95 0.00	37.19 -0.95 0.00	36.07 -0.92 0.00	37.93 -1.01 0.00	44.36 -1.37 0.00	56.53 -1.81 0.00	64.87 -2.01 0.00	55.40 -1.60 0.00	47.07 -1.36 0.00	42.57 -1.32 0.00	42.93 -1.33 0.00	41.59 -1.24 0.00	42.84 -1.32 0.00	46.19 -1.43 0.00	52.22 -1.67 0.00	65.61 -2.03 0.00	75.29 -2.17 0.00	65.59 -1.82 0.00	55.33 -1.59 0.00	50.47 -1.61 0.00	45.52 -1.36 0.00	41.55 -1.24 0.00	36.83 -1.02 0.00
E_CANADA_CAP_HY 24051	41.59 -0.12 0.00	38.09 -0.08 0.00	38.11 -0.04 0.00	36.85 -0.15 0.00	38.95 0.00 0.00	46.06 0.32 0.00	58.69 0.35 0.00	68.22 1.34 0.00	57.16 0.17 0.00	47.55 -0.87 0.00	43.27 -0.61 0.00	43.29 -0.97 0.00	41.80 -1.03 0.00	43.45 -0.71 0.00	47.67 0.05 0.00	53.89 0.00 0.00	67.91 0.27 0.00	77.77 0.31 0.00	67.94 0.54 0.00	57.10 0.17 0.00	52.19 0.10 0.00	47.11 0.24 0.00	42.83 0.04 0.00	37.74 -0.11 0.00
E_CANADA_MHWK_HY 24050	44.47 2.75 0.00	40.80 2.63 0.00	40.81 2.67 0.00	39.59 2.59 0.00	41.75 2.81 0.00	48.98 3.25 0.00	62.31 3.97 0.00	71.36 4.48 0.00	60.75 3.76 0.00	51.47 3.05 0.00	46.78 2.90 0.00	47.14 2.88 0.00	45.57 2.74 0.00	46.94 2.78 0.00	50.67 3.05 0.00	57.40 3.50 0.00	71.83 4.20 0.00	81.95 4.49 0.00	71.31 3.91 0.00	60.06 3.13 0.00	54.74 2.65 0.00	49.26 2.39 0.00	44.84 2.05 0.00	39.60 1.74 0.00
E_FISHKILL__LBMP 23776	43.63 1.92 0.00	39.89 1.72 0.00	39.67 1.53 0.00	38.51 1.52 0.00	40.58 1.64 0.00	47.84 2.10 0.00	60.73 2.39 0.00	69.62 2.74 0.00	59.10 2.11 0.00	50.60 2.18 0.00	46.04 2.15 0.00	46.43 2.17 0.00	44.97 2.14 0.00	46.50 2.34 0.00	50.10 2.48 0.00	56.48 2.59 0.00	70.82 3.18 0.00	81.41 3.95 0.00	70.44 3.03 0.00	59.55 2.62 0.00	54.74 2.66 0.00	49.22 2.34 0.00	45.14 2.35 0.00	39.79 1.93 0.00
FALCON__SEABRD_CC1 323796	41.84 0.13 0.00	38.32 0.15 0.00	38.37 0.23 0.00	37.29 0.29 0.00	39.26 0.31 0.00	46.24 0.50 0.00	59.22 0.88 0.00	67.88 1.00 0.00	58.07 1.08 0.00	49.15 0.73 0.00	44.59 0.70 0.00	45.10 0.84 0.00	43.55 0.73 0.00	44.78 0.62 0.00	48.43 0.81 0.00	54.97 1.08 0.00	68.65 1.02 0.00	78.32 0.85 0.00	68.22 0.81 0.00	57.72 0.80 0.00	52.87 0.78 0.00	47.39 0.52 0.00	42.87 0.09 0.00	37.71 -0.15 0.00
FALCON__SEABRD_CC2 323797	41.84 0.13 0.00	38.32 0.15 0.00	38.37 0.23 0.00	37.29 0.29 0.00	39.26 0.31 0.00	46.24 0.50 0.00	59.22 0.88 0.00	67.88 1.00 0.00	58.07 1.08 0.00	49.15 0.73 0.00	44.59 0.70 0.00	45.10 0.84 0.00	43.55 0.73 0.00	44.78 0.62 0.00	48.43 0.81 0.00	54.97 1.08 0.00	68.65 1.02 0.00	78.32 0.85 0.00	68.22 0.81 0.00	57.72 0.80 0.00	52.87 0.78 0.00	47.39 0.52 0.00	42.87 0.09 0.00	37.71 -0.15 0.00

FAR ROCKAWAY___4 23548	44.47 2.75 0.00	40.61 2.44 0.00	40.09 1.95 0.00	39.00 2.00 0.00	41.17 2.22 0.00	48.48 2.74 0.00	60.89 2.57 0.02	69.13 2.88 0.62	58.54 2.17 0.62	50.35 2.13 0.20	47.51 3.91 0.28	47.89 3.76 0.13	46.73 4.15 0.26	48.80 4.46 -0.18	52.32 4.76 0.06	57.20 3.29 -0.02	72.56 4.87 -0.05	84.33 6.82 -0.05	72.72 5.26 -0.05	61.48 4.50 -0.05	55.72 3.59 -0.04	49.99 3.09 -0.02	46.47 3.68 0.00	41.07 3.22 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.39 2.67 -0.01	40.54 2.37 -0.01	40.24 2.10 0.00	39.07 2.07 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.67 3.33 0.00	70.76 3.88 0.00	60.13 3.13 0.00	52.08 3.10 -0.56	50.89 3.03 -3.98	49.20 3.10 -1.84	51.37 3.04 -5.50	51.71 3.27 -4.28	54.19 3.48 -3.09	57.52 3.61 -0.01	72.10 4.46 0.00	83.04 5.58 0.00	71.65 4.25 0.00	60.63 3.70 0.00	55.80 3.70 -0.01	50.08 3.19 -0.01	45.93 3.12 -0.01	40.48 2.61 -0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.39 2.67 -0.01	40.54 2.37 -0.01	40.28 2.14 0.00	39.07 2.07 0.00	41.20 2.26 0.00	48.58 2.84 -0.01	61.67 3.33 0.00	70.76 3.88 0.00	60.13 3.13 0.00	52.12 3.15 -0.55	50.88 3.03 -3.97	49.19 3.10 -1.83	51.35 3.04 -5.48	51.74 3.31 -4.27	54.18 3.48 -3.08	57.57 3.66 -0.01	72.10 4.46 0.00	83.04 5.58 0.00	71.72 4.31 0.00	60.63 3.70 0.00	55.85 3.75 -0.01	50.08 3.19 -0.01	45.93 3.12 -0.01	40.48 2.61 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.35 2.63 -0.01	40.54 2.37 -0.01	40.24 2.10 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.67 3.33 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.08 3.10 -0.56	50.90 3.03 -3.98	49.15 3.05 -1.84	51.37 3.04 -5.50	51.71 3.27 -4.28	54.19 3.48 -3.09	57.52 3.61 -0.01	72.10 4.46 0.00	83.04 5.58 0.00	71.65 4.25 0.00	60.57 3.64 0.00	55.80 3.70 -0.01	50.08 3.19 -0.01	45.93 3.12 -0.01	40.44 2.57 -0.01
FARRAGUT___LBMP 323566	44.35 2.63 -0.01	40.50 2.33 -0.01	40.20 2.06 0.00	39.03 2.03 0.00	41.13 2.18 0.00	48.53 2.79 0.00	61.61 3.27 0.00	70.62 3.75 0.00	60.01 3.02 0.00	52.04 3.05 -0.56	50.90 2.98 -4.03	49.13 3.01 -1.86	51.39 3.00 -5.57	51.71 3.22 -4.33	54.18 3.43 -3.13	57.47 3.56 -0.01	72.03 4.40 0.00	82.96 5.50 0.00	71.58 4.18 0.00	60.57 3.64 0.00	55.74 3.65 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.44 2.57 -0.01
FENNER___WINDPWR 24204	42.22 0.50 0.00	38.63 0.46 0.00	38.64 0.49 0.00	37.44 0.45 0.00	39.45 0.50 0.00	46.33 0.59 0.00	59.16 0.82 0.00	67.82 0.94 0.00	57.79 0.80 0.00	48.86 0.43 -0.01	44.20 0.31 -0.01	44.58 0.31 -0.01	43.14 0.30 -0.01	44.56 0.40 -0.01	48.31 0.48 -0.21	56.06 0.65 -1.51	68.60 0.95 -0.01	78.48 1.00 -0.01	68.29 0.87 -0.01	57.62 0.69 -0.01	52.56 0.47 -0.01	47.35 0.47 -0.01	43.14 0.34 -0.01	38.12 0.27 0.00
FIBERTEK___ENERGY 23856	41.13 -0.58 0.00	37.56 -0.61 0.00	37.53 -0.61 0.00	36.41 -0.59 0.00	38.32 -0.62 0.00	44.87 -0.87 0.00	57.17 -1.17 0.00	65.68 -1.20 0.00	56.02 -0.97 0.00	47.60 -0.82 0.00	43.05 -0.83 0.00	43.42 -0.84 0.00	42.06 -0.77 0.00	43.37 -0.79 0.00	46.76 -0.86 0.00	52.87 -1.02 0.00	66.49 -1.15 0.00	76.22 -1.24 0.00	66.39 -1.01 0.00	56.02 -0.91 0.00	51.10 -0.99 0.00	46.03 -0.84 0.00	42.02 -0.77 0.00	37.17 -0.68 0.00
FITZPATRICK___ 23598	40.17 -1.54 0.00	36.72 -1.45 0.00	36.69 -1.45 0.00	35.63 -1.37 0.00	37.43 -1.52 0.00	43.82 -1.92 0.00	55.89 -2.45 0.00	64.07 -2.81 0.00	54.65 -2.34 0.00	46.43 -1.99 0.00	42.00 -1.89 0.00	42.36 -1.90 0.00	41.03 -1.80 0.00	42.35 -1.81 0.00	45.58 -2.05 0.00	51.52 -2.37 0.00	64.80 -2.84 0.00	74.28 -3.18 0.00	64.71 -2.70 0.00	54.65 -2.28 0.00	49.85 -2.24 0.00	44.91 -1.97 0.00	41.03 -1.76 0.00	36.34 -1.52 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.01 2.29 0.00	40.23 2.06 0.00	40.01 1.87 0.00	38.81 1.81 0.00	40.93 1.99 0.00	48.25 2.52 0.00	61.38 3.03 0.00	70.22 3.34 0.00	59.56 2.56 0.00	50.89 2.47 0.00	46.21 2.33 0.00	46.65 2.39 0.00	45.18 2.36 0.00	46.81 2.65 0.00	50.43 2.81 0.00	56.91 3.02 0.00	71.49 3.86 0.00	82.19 4.73 0.00	71.18 3.77 0.00	60.17 3.24 0.00	55.31 3.23 0.00	49.69 2.81 0.00	45.44 2.65 0.00	40.09 2.23 0.00
FORT ORANGE___ 23900	42.34 0.63 0.00	38.82 0.65 0.00	38.75 0.61 0.00	37.59 0.59 0.00	39.57 0.62 0.00	46.70 0.96 0.00	59.51 1.17 0.00	68.08 1.21 0.00	57.85 0.86 0.00	49.19 0.77 0.00	44.68 0.79 0.00	44.97 0.71 0.00	43.47 0.64 0.00	44.82 0.66 0.00	48.48 0.86 0.00	54.97 1.08 0.00	69.06 1.42 0.00	79.09 1.63 0.00	68.89 1.48 0.00	58.12 1.20 0.00	53.28 1.20 0.00	47.95 1.08 0.00	43.77 0.98 0.00	38.76 0.91 0.00
FORT_DRUM_COGEN 23780	42.17 0.46 0.00	38.67 0.50 0.00	38.75 0.61 0.00	37.44 0.44 0.00	39.61 0.66 0.00	46.51 0.78 0.00	59.62 1.28 0.00	68.28 1.40 0.00	58.02 1.03 0.00	48.57 0.15 0.00	43.67 -0.22 0.00	44.04 -0.22 0.00	42.61 -0.21 0.00	43.94 -0.22 0.00	47.57 -0.05 0.00	54.22 0.32 0.00	68.18 0.54 0.00	77.85 0.39 0.00	68.21 0.81 0.00	57.44 0.51 0.00	52.45 0.36 0.00	47.39 0.52 0.00	42.92 0.13 0.00	37.89 0.04 0.00
FOX_HILLS___ESR 323835	44.90 3.17 -0.01	41.08 2.90 -0.01	40.82 2.67 -0.01	39.59 2.59 -0.01	41.76 2.80 -0.01	49.23 3.48 -0.01	61.55 3.21 0.00	70.16 3.28 0.00	59.27 2.28 0.00	51.34 2.37 -0.55	50.12 2.37 -3.87	48.48 2.43 -1.79	50.57 2.40 -5.34	50.92 2.61 -4.16	53.39 2.76 -3.01	57.04 3.13 -0.02	71.22 3.58 0.00	82.11 4.65 0.00	70.84 3.44 0.00	60.00 3.07 0.00	55.49 3.39 -0.02	50.31 3.42 -0.02	46.48 3.68 -0.02	41.01 3.14 -0.01
FPL_FAR_ROCK_GT1 24212	44.47 2.75 0.00	40.54 2.37 0.00	40.09 1.94 0.00	38.85 1.85 0.00	41.13 2.18 0.00	48.53 2.79 0.00	60.83 2.51 0.02	69.07 2.81 0.62	58.54 2.17 0.62	50.35 2.13 0.20	47.51 3.90 0.28	48.03 3.90 0.13	46.72 4.15 0.26	48.67 4.33 -0.18	52.32 4.76 0.06	57.20 3.29 -0.02	72.56 4.87 -0.05	84.18 6.66 -0.05	72.72 5.26 -0.05	61.48 4.50 -0.05	55.72 3.59 -0.04	49.94 3.05 -0.02	46.38 3.59 0.00	41.07 3.22 0.00
FPL_FAR_ROCK_GT2 23815	44.47 2.75 0.00	40.54 2.37 0.00	40.09 1.94 0.00	38.85 1.85 0.00	41.13 2.18 0.00	48.53 2.79 0.00	60.83 2.51 0.02	69.07 2.81 0.62	58.54 2.17 0.62	50.35 2.13 0.20	47.51 3.90 0.28	48.03 3.90 0.13	46.72 4.15 0.26	48.67 4.33 -0.18	52.32 4.76 0.06	57.20 3.29 -0.02	72.56 4.87 -0.05	84.18 6.66 -0.05	72.72 5.26 -0.05	61.48 4.50 -0.05	55.72 3.59 -0.04	49.94 3.05 -0.02	46.38 3.59 0.00	41.07 3.22 0.00
FRANKLIN_FALL_HYD 24054	42.26 0.54 0.00	38.70 0.53 0.00	38.79 0.65 0.00	37.66 0.67 0.00	39.65 0.70 0.00	46.74 1.01 0.00	59.92 1.58 0.00	68.69 1.81 0.00	58.82 1.82 0.00	49.63 1.21 0.00	44.98 1.10 0.00	45.46 1.20 0.00	43.90 1.07 0.00	45.13 0.97 0.00	48.86 1.24 0.00	55.46 1.56 0.00	69.13 1.49 0.00	78.70 1.24 0.00	68.69 1.28 0.00	58.07 1.14 0.00	53.28 1.20 0.00	47.81 0.94 0.00	43.30 0.51 0.00	38.12 0.26 0.00

FREEPORT_EQUS_GT1 23764	44.13 2.42 0.00	40.19 2.02 0.00	39.75 1.60 0.00	38.51 1.52 0.00	40.82 1.87 0.00	48.11 2.38 0.00	60.13 1.87 0.08	65.74 2.14 3.28	55.26 1.54 3.27	48.98 1.65 1.09	46.58 3.38 0.69	46.77 3.36 0.85	46.21 3.64 0.26	48.14 3.80 -0.18	51.03 4.14 0.73	56.59 2.69 0.00	71.78 4.13 -0.02	83.37 5.88 -0.02	71.94 4.52 -0.02	60.87 3.92 -0.02	55.17 3.07 -0.01	49.45 2.58 0.00	46.08 3.29 0.00	40.85 2.99 0.00
FREEPORT___CT2 23818	44.13 2.42 0.00	40.19 2.02 0.00	39.75 1.60 0.00	38.51 1.52 0.00	40.82 1.87 0.00	48.11 2.38 0.00	60.13 1.87 0.08	65.74 2.14 3.28	55.26 1.54 3.27	48.98 1.65 1.09	46.58 3.38 0.69	46.77 3.36 0.85	46.21 3.64 0.26	48.14 3.80 -0.18	51.03 4.14 0.73	56.59 2.69 0.00	71.78 4.13 -0.02	83.37 5.88 -0.02	71.94 4.52 -0.02	60.87 3.92 -0.02	55.17 3.07 -0.01	49.45 2.58 0.00	46.08 3.29 0.00	40.85 2.99 0.00
FRESHKLS_33_KV_LOAD 356253	45.15 3.42 -0.01	41.28 3.09 -0.01	41.01 2.86 -0.01	39.82 2.81 -0.01	41.95 3.00 -0.01	49.50 3.75 -0.01	61.67 3.33 0.00	70.22 3.34 0.00	59.22 2.22 0.00	51.29 2.32 -0.55	50.08 2.33 -3.87	48.44 2.39 -1.79	50.53 2.36 -5.34	50.88 2.56 -4.16	53.34 2.71 -3.01	57.09 3.18 -0.02	71.29 3.65 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.59 3.49 -0.02	50.50 3.61 -0.02	46.74 3.94 -0.02	41.20 3.33 -0.01
FULTON COGEN____ 23766	40.50 -1.21 0.00	37.02 -1.15 0.00	37.00 -1.14 0.00	35.89 -1.11 0.00	37.74 -1.21 0.00	44.23 -1.51 0.00	56.36 -1.98 0.00	64.67 -2.21 0.00	55.23 -1.77 0.00	46.92 -1.50 0.00	42.39 -1.49 0.00	42.76 -1.50 0.00	41.41 -1.41 0.00	42.70 -1.46 0.00	46.00 -1.62 0.00	52.06 -1.83 0.00	65.47 -2.16 0.00	75.14 -2.32 0.00	65.45 -1.95 0.00	55.28 -1.65 0.00	50.37 -1.72 0.00	45.37 -1.50 0.00	41.42 -1.37 0.00	36.68 -1.17 0.00
FULTON___LFGE 323630	42.50 0.79 0.00	38.97 0.80 0.00	38.91 0.76 0.00	37.66 0.67 0.00	39.80 0.86 0.00	47.01 1.78 0.00	60.03 1.69 0.00	69.22 2.34 0.00	58.07 1.08 0.00	48.57 0.15 0.00	44.02 0.13 0.00	43.95 -0.31 0.00	42.44 -0.39 0.00	44.16 0.00 0.00	48.38 0.76 0.00	55.03 1.13 0.00	69.53 1.89 0.00	79.63 2.17 0.00	69.56 2.16 0.00	58.40 1.48 0.00	53.44 1.35 0.00	48.09 1.22 0.00	43.77 0.98 0.00	38.57 0.72 0.00
G.F.CEMENT___DRP 24184	43.01 1.29 0.00	39.43 1.26 0.00	39.40 1.26 0.00	38.14 1.15 0.00	40.23 1.29 0.00	47.52 1.78 0.00	60.73 2.39 0.00	69.49 2.61 0.00	58.93 1.94 0.00	49.92 1.50 0.00	45.38 1.49 0.00	45.50 1.24 0.00	43.94 1.11 0.00	45.35 1.19 0.00	49.00 1.38 0.00	55.83 1.94 0.00	70.34 2.71 0.00	80.41 2.94 0.00	70.17 2.76 0.00	58.92 1.99 0.00	54.06 1.98 0.00	48.61 1.73 0.00	44.41 1.63 0.00	39.22 1.36 0.00
GARDENVILLE___LBMP 24039	39.67 -2.04 0.00	36.26 -1.91 0.00	36.24 -1.91 0.00	35.04 -1.96 0.00	36.61 -2.34 0.00	40.89 -4.85 0.00	51.11 -7.23 0.00	59.19 -7.69 0.00	50.61 -6.38 0.00	42.93 -5.47 0.02	38.56 -5.31 0.02	38.93 -5.31 0.02	37.84 -4.97 0.02	38.89 -5.26 0.02	41.33 -5.81 0.49	43.98 -6.47 3.45	59.63 -7.98 0.02	68.54 -8.91 0.02	59.91 -7.48 0.02	50.53 -6.38 0.02	45.87 -6.20 0.02	41.42 -5.44 0.02	38.06 -4.71 0.02	34.30 -3.56 0.00
GARDNVLA_35_KV_LD 355827	39.92 -1.79 0.00	36.49 -1.68 0.00	36.47 -1.68 0.00	35.26 -1.74 0.00	36.84 -2.10 0.00	41.21 -4.53 0.00	51.57 -6.77 0.00	59.79 -7.09 0.00	51.12 -5.87 0.00	43.42 -4.99 0.02	39.04 -4.83 0.02	39.42 -4.82 0.02	38.31 -4.50 0.02	39.42 -4.73 0.02	41.87 -5.33 0.41	45.00 -5.98 2.92	60.38 -7.24 0.02	69.31 -8.13 0.02	60.65 -6.74 0.02	51.10 -5.81 0.02	46.44 -5.63 0.02	41.89 -4.97 0.02	38.54 -4.24 0.02	34.64 -3.22 0.00
GELCKHM___115KV_LOAD 80723	40.88 -0.83 0.00	37.37 -0.80 0.00	37.34 -0.80 0.00	36.18 -0.81 0.00	38.09 -0.86 0.00	44.55 -1.19 0.00	56.77 -1.58 0.00	65.21 -1.67 0.00	55.63 -1.37 0.00	47.26 -1.16 0.00	42.75 -1.14 0.00	43.11 -1.15 0.00	41.76 -1.07 0.00	43.06 -1.10 0.00	46.38 -1.24 0.00	52.44 -1.46 0.00	65.95 -1.69 0.00	75.68 -1.78 0.00	65.92 -1.48 0.00	55.62 -1.31 0.00	50.73 -1.35 0.00	45.70 -1.17 0.00	41.72 -1.07 0.00	36.95 -0.91 0.00
GENERAL___MILLS 23808	39.80 -1.92 0.00	36.38 -1.79 0.00	36.35 -1.79 0.00	35.15 -1.85 0.00	36.73 -2.22 0.00	41.02 -4.71 0.00	51.34 -7.00 0.00	59.52 -7.36 0.00	50.89 -6.10 0.00	43.22 -5.18 0.02	38.87 -5.00 0.02	39.24 -5.00 0.02	38.14 -4.67 0.02	39.24 -4.90 0.02	41.72 -5.48 0.42	44.75 -6.14 3.00	60.11 -7.51 0.02	69.08 -8.37 0.02	60.38 -7.01 0.02	50.93 -5.98 0.02	46.29 -5.78 0.02	41.75 -5.11 0.02	38.36 -4.41 0.02	34.53 -3.33 0.00
GE_PLASTICS___DRP 24183	42.30 0.58 0.00	38.74 0.57 0.00	38.68 0.53 0.00	37.55 0.55 0.00	39.53 0.58 0.00	46.56 0.82 0.00	59.33 0.99 0.00	67.88 1.00 0.00	57.79 0.80 0.00	49.15 0.73 0.00	44.68 0.79 0.00	44.97 0.71 0.00	43.51 0.69 0.00	44.91 0.75 0.00	48.43 0.81 0.00	54.86 0.97 0.00	68.86 1.22 0.00	78.86 1.39 0.00	68.55 1.15 0.00	57.89 0.97 0.00	53.07 0.99 0.00	47.77 0.89 0.00	43.64 0.86 0.00	38.65 0.79 0.00
GILBOA___1 23756	42.59 0.88 0.00	38.97 0.80 0.00	39.02 0.88 0.00	37.85 0.85 0.00	39.88 0.93 0.00	46.79 1.05 0.00	59.57 1.23 0.00	68.22 1.34 0.00	58.02 1.03 0.00	49.44 1.02 0.00	44.90 1.01 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.13 0.97 0.00	48.72 1.10 0.00	55.08 1.18 0.00	69.12 1.49 0.00	78.93 1.47 0.00	68.68 1.28 0.00	58.18 1.25 0.00	53.33 1.25 0.00	47.95 1.08 0.00	43.86 1.07 0.00	38.76 0.91 0.00
GILBOA___2 23757	42.59 0.88 0.00	38.97 0.80 0.00	39.02 0.88 0.00	37.85 0.85 0.00	39.88 0.93 0.00	46.79 1.05 0.00	59.57 1.23 0.00	68.22 1.34 0.00	58.02 1.03 0.00	49.44 1.02 0.00	44.90 1.01 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.13 0.97 0.00	48.72 1.10 0.00	55.08 1.18 0.00	69.12 1.49 0.00	78.93 1.47 0.00	68.68 1.28 0.00	58.18 1.25 0.00	53.33 1.25 0.00	47.95 1.08 0.00	43.86 1.07 0.00	38.76 0.91 0.00
GILBOA___3 23758	42.59 0.88 0.00	38.97 0.80 0.00	39.02 0.88 0.00	37.85 0.85 0.00	39.88 0.93 0.00	46.79 1.05 0.00	59.57 1.23 0.00	68.22 1.34 0.00	58.02 1.03 0.00	49.44 1.02 0.00	44.90 1.01 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.13 0.97 0.00	48.72 1.10 0.00	55.08 1.18 0.00	69.12 1.49 0.00	78.93 1.47 0.00	68.68 1.28 0.00	58.18 1.25 0.00	53.33 1.25 0.00	47.95 1.08 0.00	43.86 1.07 0.00	38.76 0.91 0.00
GILBOA___4 23759	42.59 0.88 0.00	38.97 0.80 0.00	39.02 0.88 0.00	37.85 0.85 0.00	39.88 0.93 0.00	46.79 1.05 0.00	59.57 1.23 0.00	68.22 1.34 0.00	58.02 1.03 0.00	49.44 1.02 0.00	44.90 1.01 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.13 0.97 0.00	48.72 1.10 0.00	55.08 1.18 0.00	69.12 1.49 0.00	78.93 1.47 0.00	68.68 1.28 0.00	58.18 1.25 0.00	53.33 1.25 0.00	47.95 1.08 0.00	43.86 1.07 0.00	38.76 0.91 0.00

GILBOA____ 23599	42.59 0.88 0.00	39.01 0.84 0.00	39.02 0.88 0.00	37.85 0.85 0.00	39.88 0.93 0.00	46.79 1.05 0.00	59.57 1.23 0.00	68.22 1.34 0.00	58.02 1.03 0.00	49.44 1.02 0.00	44.90 1.01 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.22 1.06 0.00	48.72 1.10 0.00	55.08 1.19 0.00	69.13 1.49 0.00	78.94 1.47 0.00	68.69 1.28 0.00	58.18 1.25 0.00	53.34 1.25 0.00	47.95 1.08 0.00	43.86 1.07 0.00	38.76 0.91 0.00
GINNA____ 23603	38.71 -3.00 0.00	35.38 -2.78 0.00	35.32 -2.82 0.00	34.26 -2.74 0.00	35.91 -3.04 0.00	41.43 -4.30 0.00	52.56 -5.78 0.00	60.52 -6.36 0.00	52.09 -4.90 0.00	44.30 -4.12 0.01	39.63 -4.26 0.01	39.96 -4.29 0.01	38.88 -3.94 0.01	40.09 -4.06 0.01	42.58 -4.90 0.14	47.30 -5.61 0.99	61.01 -6.63 0.01	70.49 -6.97 0.01	61.40 -6.00 0.01	51.57 -5.35 0.01	46.72 -5.36 0.01	42.28 -4.59 0.01	38.67 -4.11 0.01	34.56 -3.29 0.00
GLEN PARK____ 23778	42.22 0.50 0.00	38.74 0.57 0.00	38.83 0.69 0.00	37.51 0.52 0.00	39.68 0.74 0.00	46.65 0.91 0.00	59.80 1.46 0.00	68.42 1.54 0.00	58.07 1.08 0.00	48.57 0.15 0.00	43.67 -0.22 0.00	44.04 -0.22 0.00	42.61 -0.21 0.00	43.98 -0.18 0.00	47.62 0.00 0.00	54.27 0.38 0.00	68.38 0.75 0.00	78.16 0.70 0.00	68.42 1.01 0.00	57.66 0.74 0.00	52.61 0.52 0.00	47.53 0.66 0.00	43.00 0.22 0.00	37.93 0.08 0.00
GLENDALE_27_KV_LOAD 356172	44.68 2.96 -0.01	40.85 2.67 -0.01	40.56 2.40 -0.01	39.37 2.37 -0.01	41.49 2.53 -0.01	48.90 3.16 -0.01	61.73 3.38 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.24 3.15 -0.67	51.72 3.07 -4.77	49.56 3.10 -2.20	52.50 3.08 -6.59	52.60 3.31 -5.12	54.80 3.48 -3.70	57.68 3.77 -0.02	72.03 4.40 0.00	82.96 5.50 0.00	71.58 4.18 0.00	60.63 3.70 0.00	55.96 3.85 -0.02	50.36 3.47 -0.02	46.23 3.42 -0.02	40.78 2.91 -0.01
GLENWOOD_IC_1_G5 23712	44.13 2.42 0.00	40.34 2.18 0.00	39.90 1.75 0.00	38.81 1.81 0.00	40.93 1.99 0.00	48.20 2.47 0.00	60.80 2.51 0.05	67.74 2.88 2.01	57.21 2.22 2.01	49.96 2.23 0.69	46.56 3.20 0.53	46.83 3.14 0.57	45.91 3.34 0.26	47.91 3.58 -0.18	50.96 3.81 0.47	56.97 3.07 0.00	71.84 4.19 -0.01	83.13 5.65 -0.01	71.73 4.31 -0.01	60.64 3.70 -0.01	55.37 3.28 -0.01	49.69 2.81 0.00	45.95 3.17 0.00	40.58 2.73 0.00
GLENWOOD_IC_2_G1 23688	44.05 2.33 0.00	40.19 2.02 0.00	39.90 1.76 0.00	38.66 1.67 0.00	40.85 1.91 0.00	48.16 2.42 0.00	60.85 2.51 0.00	69.80 2.94 0.02	59.26 2.28 0.02	50.57 2.32 0.18	46.55 2.94 0.28	47.10 2.97 0.13	45.61 3.04 0.26	47.52 3.18 -0.18	51.04 3.47 0.06	56.86 2.96 0.00	71.56 3.92 0.00	82.65 5.19 0.00	71.38 3.98 0.00	60.40 3.47 0.00	55.26 3.18 0.00	49.59 2.72 0.00	45.70 2.91 0.00	40.39 2.54 0.00
GLENWOOD_IC_3_G1 23689	44.05 2.33 0.00	40.19 2.02 0.00	39.90 1.76 0.00	38.66 1.67 0.00	40.85 1.91 0.00	48.16 2.42 0.00	60.85 2.51 0.00	69.80 2.94 0.02	59.26 2.28 0.02	50.57 2.32 0.18	46.55 2.94 0.28	47.10 2.97 0.13	45.61 3.04 0.26	47.52 3.18 -0.18	51.04 3.47 0.06	56.86 2.96 0.00	71.56 3.92 0.00	82.65 5.19 0.00	71.38 3.98 0.00	60.40 3.47 0.00	55.26 3.18 0.00	49.59 2.72 0.00	45.70 2.91 0.00	40.39 2.54 0.00
GLENWOOD____4 23550	44.13 2.42 0.00	40.34 2.18 0.00	39.90 1.75 0.00	38.81 1.81 0.00	40.93 1.99 0.00	48.20 2.47 0.00	60.80 2.51 0.05	67.74 2.88 2.01	57.21 2.22 2.01	49.96 2.23 0.69	46.56 3.20 0.53	46.83 3.14 0.57	45.91 3.34 0.26	47.91 3.58 -0.18	50.96 3.81 0.47	56.97 3.07 0.00	71.84 4.19 -0.01	83.13 5.65 -0.01	71.73 4.31 -0.01	60.64 3.70 -0.01	55.37 3.28 -0.01	49.69 2.81 0.00	45.95 3.17 0.00	40.58 2.73 0.00
GLENWOOD____5 23614	44.13 2.42 0.00	40.34 2.18 0.00	39.90 1.75 0.00	38.81 1.81 0.00	40.93 1.99 0.00	48.20 2.47 0.00	60.80 2.51 0.05	67.74 2.88 2.01	57.21 2.22 2.01	49.96 2.23 0.69	46.56 3.20 0.53	46.83 3.14 0.57	45.91 3.34 0.26	47.91 3.58 -0.18	50.96 3.81 0.47	56.97 3.07 0.00	71.84 4.19 -0.01	83.13 5.65 -0.01	71.73 4.31 -0.01	60.64 3.70 -0.01	55.37 3.28 -0.01	49.69 2.81 0.00	45.95 3.17 0.00	40.58 2.73 0.00
GLOBAL GREEN_PORT_GT1 23814	43.55 1.83 0.00	39.77 1.60 0.00	39.13 0.99 0.00	37.92 0.93 0.00	40.35 1.40 0.00	48.02 2.29 0.00	59.13 0.93 0.14	61.73 1.07 6.22	51.42 0.63 6.20	46.51 0.15 2.05	44.92 2.15 1.11	44.91 2.26 1.60	45.40 2.83 0.26	47.78 3.45 -0.18	50.10 3.91 1.43	55.94 2.05 0.01	71.90 4.26 0.00	83.66 6.20 0.00	71.04 3.64 0.00	61.02 4.10 0.00	55.05 2.97 0.00	49.03 2.16 0.01	46.55 3.77 0.00	41.45 3.60 0.00
GLOBE____DSASP 323697	38.00 -3.71 0.00	34.70 -3.47 0.00	34.63 -3.51 0.00	33.48 -3.51 0.00	35.01 -3.93 0.00	38.86 -6.86 0.02	48.35 -9.98 0.02	56.23 -10.63 0.02	48.42 -8.55 0.02	41.22 -7.17 0.03	36.48 -7.37 0.03	36.75 -7.48 0.03	35.94 -6.85 0.03	36.22 -7.90 0.03	39.92 -7.33 0.37	43.93 -7.44 2.52	55.69 -11.90 0.04	64.57 -12.86 0.03	56.72 -10.65 0.03	48.94 -7.97 0.02	44.15 -7.92 0.02	40.25 -6.61 0.02	37.21 -5.56 0.02	33.81 -4.05 0.00
GOETHSLN____LBMP 323567	44.22 2.50 -0.01	40.39 2.21 -0.01	40.09 1.95 0.00	38.92 1.92 0.00	41.01 2.06 0.00	48.39 2.65 -0.01	61.49 3.15 0.00	70.56 3.68 0.00	59.96 2.96 0.00	52.01 3.05 -0.54	50.77 3.03 -3.86	49.10 3.05 -1.78	51.20 3.04 -5.33	51.53 3.22 -4.15	54.05 3.43 -3.00	57.41 3.50 -0.01	71.90 4.26 0.00	82.81 5.34 0.00	71.52 4.11 0.00	60.46 3.53 0.00	55.69 3.59 -0.01	49.94 3.05 -0.01	45.80 3.00 -0.01	40.32 2.46 -0.01
GOLAH____69_KV_TB 1_2 80279	40.63 -1.08 0.00	37.10 -1.07 0.00	37.08 -1.07 0.00	35.85 -1.15 0.00	37.62 -1.32 0.00	42.85 -2.88 0.00	54.02 -4.32 0.00	62.33 -4.55 0.00	53.63 -3.36 0.00	45.56 -2.86 0.01	40.59 -3.29 0.01	40.89 -3.36 0.01	39.86 -2.96 0.01	40.49 -3.67 0.01	43.40 -4.00 0.22	47.85 -4.47 1.57	62.22 -5.41 0.01	72.03 -5.42 0.01	63.15 -4.25 0.01	53.10 -3.81 0.01	48.01 -4.06 0.01	43.54 -3.33 0.01	39.96 -2.82 0.01	36.00 -1.85 0.00
GOODYEAR_LAKE_HYD 323669	42.59 0.88 0.00	38.97 0.80 0.00	38.98 0.84 0.00	37.74 0.74 0.00	39.84 0.90 0.00	46.83 1.10 0.00	59.68 1.34 0.00	71.83 4.95 0.00	60.36 3.36 0.00	49.87 1.45 0.00	45.47 1.58 0.00	45.72 1.46 0.00	44.11 1.28 0.00	45.84 1.68 0.00	50.34 2.71 0.00	55.24 1.35 0.00	69.46 1.83 0.00	79.32 1.86 0.00	69.02 1.62 0.00	58.24 1.31 0.00	53.23 1.15 0.00	47.91 1.03 0.00	43.64 0.86 0.00	38.54 0.68 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.67 -0.04 0.00	38.09 -0.08 0.00	38.07 -0.08 0.00	36.92 -0.07 0.00	38.83 -0.12 0.00	45.28 -0.46 0.00	57.64 -0.70 0.00	66.14 -0.74 0.00	56.31 -0.68 0.00	47.79 -0.63 0.00	43.27 -0.61 0.00	43.68 -0.58 0.00	42.27 -0.56 0.00	43.72 -0.44 0.00	47.01 -0.52 0.09	52.67 -0.59 0.63	67.02 -0.61 0.00	76.84 -0.62 0.00	66.86 -0.54 0.00	56.47 -0.46 0.00	51.56 -0.52 0.00	46.36 -0.52 0.00	42.31 -0.47 0.00	37.48 -0.38 0.00

GOUDEY___7 23579	41.67 -0.04 0.00	38.09 -0.08 0.00	38.07 -0.08 0.00	36.92 -0.07 0.00	38.83 -0.12 0.00	45.28 -0.46 0.00	57.64 -0.70 0.00	66.14 -0.74 0.00	56.31 -0.68 0.00	47.79 -0.63 0.00	43.27 -0.61 0.00	43.68 -0.58 0.00	42.27 -0.56 0.00	43.72 -0.44 0.00	47.01 -0.52 0.09	52.67 -0.59 0.63	67.02 -0.61 0.00	76.84 -0.62 0.00	66.86 -0.54 0.00	56.47 -0.46 0.00	51.56 -0.52 0.00	46.36 -0.52 0.00	42.31 -0.47 0.00	37.48 -0.38 0.00
GOUDEY___8 23580	41.67 -0.04 0.00	38.09 -0.08 0.00	38.07 -0.08 0.00	36.92 -0.07 0.00	38.83 -0.12 0.00	45.28 -0.46 0.00	57.64 -0.70 0.00	66.14 -0.74 0.00	56.31 -0.68 0.00	47.79 -0.63 0.00	43.27 -0.61 0.00	43.68 -0.58 0.00	42.27 -0.56 0.00	43.72 -0.44 0.00	47.01 -0.52 0.09	52.67 -0.59 0.63	67.02 -0.61 0.00	76.84 -0.62 0.00	66.86 -0.54 0.00	56.47 -0.46 0.00	51.56 -0.52 0.00	46.36 -0.52 0.00	42.31 -0.47 0.00	37.48 -0.38 0.00
GOWANUS_GT1_1 24077	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01
GOWANUS_GT1_2 24078	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01
GOWANUS_GT1_3 24079	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01
GOWANUS_GT1_4 24080	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01
GOWANUS_GT1_5 24084	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01
GOWANUS_GT1_6 24111	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.																				

GOWANUS_GT2_6 24119	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
GOWANUS_GT2_7 24120	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
GOWANUS_GT2_8 24121	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
GOWANUS_GT3_1 24122	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
GOWANUS_GT3_2 24123	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
GOWANUS_GT3_3 24124	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
GOWANUS_GT3_4 24125	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
GOWANUS_GT3_5 24126	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.																			

GOWANUS_GT4_5 24134	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01
GOWANUS_GT4_6 24135	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01
GOWANUS_GT4_7 24136	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01
GOWANUS_GT4_8 24137	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01
GREATVR_69_KV_BK1 356245	44.34 2.63 0.00	40.57 2.40 0.00	39.90 1.75 0.00	38.92 1.92 0.00	41.05 2.10 0.00	48.43 2.70 0.00	59.73 1.52 0.13	62.31 1.34 5.90	51.96 0.85 5.89	47.25 0.77 1.95	45.67 2.85 1.07	45.39 2.66 1.52	46.25 3.68 0.26	48.40 4.06 -0.18	50.07 3.81 1.36	56.64 2.75 0.00	72.24 4.60 0.00	84.20 6.74 0.00	72.12 4.72 0.00	61.25 4.33 0.00	55.36 3.28 0.00	49.64 2.77 0.00	46.68 3.89 0.00	41.34 3.48 0.00
GREENBSH_115KV_TB3 55895	42.17 0.46 0.00	38.67 0.50 0.00	38.60 0.46 0.00	37.48 0.48 0.00	39.41 0.47 0.00	46.51 0.78 0.00	59.27 0.93 0.00	67.82 0.94 0.00	57.68 0.68 0.00	49.10 0.68 0.00	44.63 0.75 0.00	44.92 0.66 0.00	43.47 0.64 0.00	44.87 0.71 0.00	48.38 0.76 0.00	54.81 0.92 0.00	68.86 1.22 0.00	78.78 1.32 0.00	68.55 1.15 0.00	57.84 0.91 0.00	53.02 0.94 0.00	47.72 0.84 0.00	43.60 0.81 0.00	38.65 0.79 0.00
GREENDGE_115KV_TB5 80291	41.05 -0.67 0.00	37.52 -0.65 0.00	37.46 -0.69 0.00	36.29 -0.70 0.00	38.09 -0.86 0.00	43.81 -1.92 0.00	55.13 -3.21 0.00	63.47 -3.41 0.00	53.80 -3.19 0.00	45.70 -2.66 0.06	41.11 -2.72 0.06	41.37 -2.83 0.06	40.03 -2.74 0.06	41.59 -2.52 0.06	43.38 -2.71 1.53	40.13 -2.86 10.91	63.64 -3.92 0.08	72.99 -4.42 0.06	64.05 -3.30 0.06	53.90 -2.96 0.06	49.05 -2.97 0.06	44.42 -2.39 0.06	40.46 -2.27 0.06	35.93 -1.93 0.00
GREENIDGE___3 23582	41.05 -0.67 0.00	37.52 -0.65 0.00	37.46 -0.69 0.00	36.29 -0.70 0.00	38.09 -0.86 0.00	43.81 -1.92 0.00	55.13 -3.21 0.00	63.47 -3.41 0.00	53.80 -3.19 0.00	45.70 -2.66 0.06	41.11 -2.72 0.06	41.37 -2.83 0.06	40.03 -2.74 0.06	41.59 -2.52 0.06	43.38 -2.71 1.53	40.13 -2.86 10.91	63.64 -3.92 0.08	72.99 -4.42 0.06	64.05 -3.30 0.06	53.90 -2.96 0.06	49.05 -2.97 0.06	44.42 -2.39 0.06	40.46 -2.27 0.06	35.93 -1.93 0.00
GREENIDGE___4 23583	41.05 -0.67 0.00	37.60 -0.57 0.00	37.46 -0.69 0.00	36.48 -0.52 0.00	38.09 -0.86 0.00	43.86 -1.88 0.00	55.25 -3.09 0.00	63.54 -3.34 0.00	53.80 -3.19 0.00	45.70 -2.66 0.06	41.07 -2.76 0.06	41.24 -2.97 0.06	40.03 -2.74 0.06	41.15 -2.96 0.06	43.42 -2.67 1.53	40.12 -2.86 10.91	63.36 -4.19 0.08	72.91 -4.49 0.06	64.05 -3.30 0.06	53.90 -2.96 0.06	48.95 -3.07 0.06	44.37 -2.44 0.06	40.37 -2.35 0.06	35.93 -1.93 0.00
GREENLWN_69_KV_BK 3 55738	43.67 1.96 0.00	39.92 1.76 0.00	39.33 1.18 0.00	38.33 1.33 0.00	40.43 1.48 0.00	47.56 1.83 0.00	59.02 0.82 0.13	61.80 0.94 6.01	51.62 0.63 6.00	47.55 1.11 1.99	45.79 2.98 1.08	45.54 2.83 1.55	45.78 3.21 0.26	47.65 3.31 -0.18	49.67 3.43 1.38	55.51 1.62 0.01	70.54 2.91 0.00	82.11 4.65 0.00	70.57 3.17 0.00	59.77 2.85 0.00	54.16 2.08 0.00	48.60 1.73 0.01	45.78 3.00 0.00	40.62 2.76 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01
GRISSOM___SOLAR 323813	42.67 0.96 0.00	39.08 0.91 0.00	39.06 0.91 0.00	37.81 0.81 0.00	39.92 0.97 0.00	47.15 1.42 0.00	60.21 1.87 0.00	69.28 2.40 0.00	58.19 1.20 0.00	48.71 0.29 0.00	44.15 0.26 0.00	44.08 -0.18 0.00	42.57 -0.26 0.00	44.25 0.09 0.00	48.43 0.81 0.00	55.19 1.29 0.00	69.74 2.10 0.00	79.87 2.40 0.00	69.76 2.36 0.00	58.63 1.71 0.00	53.60 1.51 0.00	48.28 1.40 0.00	43.94 1.16 0.00	38.73 0.87 0.00
GROVEVILLE___HYD 323602	44.01 2.29 0.00	40.23 2.06 0.00	40.01 1.87 0.00	38.81 1.81 0.00	40.93 1.99 0.00	48.25 2.52 0.00	61.38 3.03 0.00	70.22 3.34 0.00	59.56 2.56 0.00	50.89 2.47 0.00	46.21 2.33 0.00	46.65 2.39 0.00	45.18 2.36 0.00	46.81 2.65 0.00	50.43 2.81 0.00	56.91 3.02 0.00	71.49 3.86 0.00	82.19 4.73 0.00	71.18 3.77 0.00	60.17 3.24 0.00	55.31 3.23 0.00	49.69 2.81 0.00	45.44 2.65 0.00	40.09 2.23 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.13 -0.58 0.00	37.56 -0.61 0.00	37.53 -0.61 0.00	36.41 -0.59 0.00	38.32 -0.62 0.00	44.87 -0.87 0.00	57.17 -1.17 0.00	65.68 -1.20 0.00	56.02 -0.97 0.00	47.60 -0.82 0.00	43.05 -0.83 0.00	43.42 -0.84 0.00	42.06 -0.77 0.00	43.37 -0.79 0.00	46.76 -0.86 0.00	52.87 -1.02 0.00	66.49 -1.15 0.00	76.22 -1.24 0.00	66.39 -1.01 0.00	56.02 -0.91 0.00	51.10 -0.99 0.00	46.03 -0.84 0.00	42.02 -0.77 0.00	37.17 -0.68 0.00
HAMLTNNY_34_KV_TB 80303	41.17 -0.54 0.00	37.60 -0.57 0.00	37.57 -0.57 0.00	36.44 -0.55 0.00	38.32 -0.62 0.00	44.82 -0.91 0.00	57.12 -1.23 0.00	65.61 -1.27 0.00	56.02 -0.97 0.00	47.55 -0.87 0.00	42.96 -0.92 0.00	43.33 -0.93 0.00	41.97 -0.86 0.00	43.23 -0.93 0.00	46.62 -1.00 0.00	52.76 -1.13 0.00	66.35 -1.29 0.00	76.22 -1.24 0.00	66.39 -1.01 0.00	56.02 -0.91 0.00	51.04 -1.04 0.00	45.98 -0.89 0.00	41.98 -0.81 0.00	37.17 -0.68 0.00

HAMPSHIRE___PAPER_HYD 323593	42.38 0.67 0.00	38.86 0.69 0.00	38.95 0.80 0.00	37.70 0.70 0.00	39.77 0.82 0.00	46.65 0.91 0.00	59.74 1.40 0.00	68.48 1.60 0.00	58.31 1.31 0.00	49.15 0.73 0.00	44.28 0.39 0.00	44.70 0.44 0.00	43.21 0.38 0.00	44.51 0.35 0.00	48.20 0.57 0.00	54.81 0.92 0.00	68.31 0.68 0.00	77.77 0.31 0.00	67.88 0.48 0.00	57.27 0.34 0.00	52.55 0.47 0.00	47.62 0.75 0.00	43.17 0.38 0.00	38.12 0.27 0.00
HARDSCRABBLE_WT_PWR 323673	43.80 2.08 0.00	40.19 2.02 0.00	40.24 2.10 0.00	39.03 2.03 0.00	41.16 2.22 0.00	48.34 2.61 0.00	61.49 3.15 0.00	70.49 3.61 0.00	60.01 3.02 0.00	50.84 2.42 0.00	46.17 2.28 0.00	46.52 2.26 0.00	44.97 2.14 0.00	46.32 2.16 0.00	50.00 2.38 0.00	56.64 2.75 0.00	70.88 3.25 0.00	80.87 3.40 0.00	70.37 2.96 0.00	59.21 2.28 0.00	53.96 1.87 0.00	48.51 1.64 0.00	44.16 1.37 0.00	38.99 1.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.84 2.13 0.00	40.08 1.91 0.00	39.86 1.72 0.00	38.66 1.66 0.00	40.78 1.83 0.00	48.07 2.33 0.00	61.20 2.86 0.00	70.02 3.14 0.00	59.33 2.34 0.00	50.70 2.28 0.00	46.08 2.19 0.00	46.52 2.26 0.00	45.05 2.23 0.00	46.63 2.47 0.00	50.24 2.62 0.00	56.70 2.80 0.00	71.22 3.58 0.00	81.96 4.49 0.00	70.98 3.57 0.00	59.94 3.02 0.00	55.11 3.02 0.00	49.50 2.62 0.00	45.27 2.48 0.00	39.94 2.08 0.00
HARSNRAD_115KV_TB1 81005	39.67 -2.04 0.00	36.22 -1.95 0.00	36.20 -1.95 0.00	34.96 -2.03 0.00	36.57 -2.38 0.00	40.57 -5.17 0.00	50.64 -7.70 0.00	58.79 -8.09 0.00	50.49 -6.50 0.00	42.89 -5.52 0.01	38.17 -5.71 0.01	38.49 -5.75 0.01	37.55 -5.27 0.01	38.14 -6.01 0.01	40.65 -6.62 0.36	44.22 -7.17 2.51	58.56 -9.06 0.02	67.77 -9.68 0.01	59.44 -7.95 0.01	50.08 -6.83 0.01	45.25 -6.82 0.01	41.09 -5.77 0.01	37.90 -4.88 0.01	34.37 -3.48 0.00
HARZA MOOSE___RIVER 24016	42.34 0.63 0.00	38.82 0.65 0.00	38.87 0.72 0.00	37.59 0.59 0.00	39.69 0.74 0.00	46.65 0.91 0.00	59.68 1.34 0.00	68.35 1.47 0.00	58.13 1.14 0.00	49.00 0.58 0.00	44.06 0.18 0.00	44.48 0.22 0.00	43.00 0.17 0.00	44.38 0.22 0.00	48.00 0.38 0.00	54.54 0.65 0.00	68.52 0.88 0.00	78.24 0.77 0.00	68.21 0.81 0.00	57.50 0.57 0.00	52.50 0.42 0.00	47.39 0.52 0.00	43.05 0.26 0.00	38.05 0.19 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.88 -0.83 0.00	37.33 -0.84 0.00	37.30 -0.84 0.00	36.18 -0.81 0.00	38.05 -0.90 0.00	44.55 -1.19 0.00	56.77 -1.58 0.00	65.14 -1.74 0.00	55.63 -1.37 0.00	47.26 -1.16 0.00	42.75 -1.14 0.00	43.11 -1.15 0.00	41.80 -1.03 0.00	43.10 -1.06 0.00	46.43 -1.19 0.00	52.49 -1.40 0.00	65.95 -1.69 0.00	75.68 -1.78 0.00	65.86 -1.55 0.00	55.62 -1.31 0.00	50.73 -1.35 0.00	45.70 -1.17 0.00	41.76 -1.03 0.00	36.95 -0.91 0.00
HELLGATE_13_KV_LD 55870	44.68 2.96 -0.01	40.89 2.71 -0.01	40.63 2.48 -0.01	39.41 2.40 -0.01	41.52 2.57 -0.01	48.94 3.20 -0.01	61.73 3.38 0.00	70.62 3.75 0.00	60.07 3.08 0.00	52.24 3.15 -0.67	51.72 3.07 -4.77	49.56 3.10 -2.20	52.50 3.08 -6.59	52.60 3.31 -5.12	54.85 3.52 -3.70	57.68 3.77 -0.02	72.03 4.40 0.00	82.96 5.50 0.00	71.58 4.18 0.00	60.63 3.70 0.00	55.96 3.85 -0.02	50.36 3.47 -0.02	46.27 3.47 -0.02	40.82 2.95 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.68 2.96 -0.01	40.89 2.71 -0.01	40.63 2.48 -0.01	39.41 2.40 -0.01	41.52 2.57 -0.01	48.94 3.20 -0.01	61.73 3.38 0.00	70.62 3.75 0.00	60.07 3.08 0.00	52.24 3.15 -0.67	51.72 3.07 -4.77	49.56 3.10 -2.20	52.50 3.08 -6.59	52.60 3.31 -5.12	54.85 3.52 -3.70	57.68 3.77 -0.02	72.03 4.40 0.00	82.96 5.50 0.00	71.58 4.18 0.00	60.63 3.70 0.00	55.96 3.85 -0.02	50.36 3.47 -0.02	46.27 3.47 -0.02	40.82 2.95 -0.01
HEMPSTEAD____ 23647	43.88 2.17 0.00	40.00 1.83 0.00	39.59 1.45 0.00	38.37 1.37 0.00	40.62 1.67 0.00	47.89 2.15 0.00	60.02 1.75 0.07	65.88 2.00 3.00	55.48 1.48 2.99	49.01 1.60 1.01	46.35 3.12 0.66	46.56 3.10 0.79	45.87 3.30 0.26	47.82 3.49 -0.18	50.70 3.76 0.68	56.38 2.48 0.00	71.37 3.72 -0.01	82.75 5.27 -0.01	71.39 3.98 -0.01	60.41 3.47 -0.01	54.90 2.81 -0.01	49.22 2.34 0.00	45.74 2.95 0.00	40.54 2.69 0.00
HICKLING___1 23621	40.38 -1.33 0.00	36.99 -1.18 0.00	36.89 -1.26 0.00	35.74 -1.26 0.00	37.43 -1.52 0.00	42.85 -2.88 0.00	54.26 -4.08 0.00	62.47 -4.41 0.00	53.00 -3.99 0.00	44.75 -3.63 0.04	40.42 -3.42 0.04	40.81 -3.41 0.04	39.53 -3.25 0.04	41.07 -3.05 0.04	43.09 -3.38 1.15	41.94 -3.77 8.18	62.98 -4.60 0.06	72.31 -5.11 0.04	62.98 -4.38 0.04	53.06 -3.81 0.05	48.39 -3.65 0.05	43.45 -3.37 0.05	39.62 -3.12 0.05	35.32 -2.54 0.00
HICKLING___2 23622	40.38 -1.33 0.00	36.99 -1.18 0.00	36.89 -1.26 0.00	35.74 -1.26 0.00	37.43 -1.52 0.00	42.85 -2.88 0.00	54.26 -4.08 0.00	62.47 -4.41 0.00	53.00 -3.99 0.00	44.75 -3.63 0.04	40.42 -3.42 0.04	40.81 -3.41 0.04	39.53 -3.25 0.04	41.07 -3.05 0.04	43.09 -3.38 1.15	41.94 -3.77 8.18	62.98 -4.60 0.06	72.31 -5.11 0.04	62.98 -4.38 0.04	53.06 -3.81 0.05	48.39 -3.65 0.05	43.45 -3.37 0.05	39.62 -3.12 0.05	35.32 -2.54 0.00
HIGH FALLS___HY 23754	44.26 2.54 0.00	40.42 2.25 0.00	40.20 2.06 0.00	39.00 2.00 0.00	41.13 2.18 0.00	48.43 2.70 0.00	61.73 3.38 0.00	70.49 3.61 0.00	59.67 2.68 0.00	50.99 2.57 0.00	46.21 2.33 0.00	46.70 2.43 0.00	45.18 2.36 0.00	46.81 2.65 0.00	50.48 2.86 0.00	56.97 3.07 0.00	71.63 3.99 0.00	82.50 5.04 0.00	71.52 4.11 0.00	60.40 3.47 0.00	55.63 3.54 0.00	49.92 3.05 0.00	45.66 2.87 0.00	40.24 2.38 0.00
HIGH_RIVER___SOLAR 323847	42.55 0.83 0.00	38.97 0.80 0.00	38.95 0.80 0.00	37.70 0.70 0.00	39.80 0.86 0.00	46.97 1.24 0.00	59.97 1.63 0.00	68.88 2.00 0.00	57.79 0.80 0.00	48.37 -0.05 0.00	43.89 0.00 0.00	44.00 -0.26 0.00	42.53 -0.30 0.00	44.12 -0.04 0.00	48.20 0.57 0.00	54.87 0.97 0.00	69.33 1.69 0.00	79.47 2.01 0.00	69.43 2.02 0.00	58.40 1.48 0.00	53.44 1.35 0.00	48.09 1.22 0.00	43.81 1.03 0.00	38.65 0.80 0.00
HILLBURN___GT 23639	43.84 2.13 0.00	40.04 1.87 0.00	39.82 1.68 0.00	38.62 1.63 0.00	40.74 1.79 0.00	48.07 2.33 0.00	61.14 2.80 0.00	70.09 3.21 0.00	59.39 2.39 0.00	50.79 2.37 0.00	46.21 2.32 0.00	46.65 2.39 0.00	45.18 2.35 0.00	46.63 2.47 0.00	50.29 2.67 0.00	56.75 2.85 0.00	71.15 3.51 0.00	81.95 4.49 0.00	70.91 3.50 0.00	59.94 3.02 0.00	55.05 2.97 0.00	49.50 2.62 0.00	45.31 2.52 0.00	39.98 2.12 0.00
HILLSIDE_115KV_TB1 80332	39.88 -1.84 0.00	36.53 -1.64 0.00	36.43 -1.72 0.00	35.30 -1.70 0.00	36.96 -1.99 0.00	42.35 -3.38 0.00	53.67 -4.67 0.00	61.73 -5.15 0.00	52.32 -4.67 0.00	44.17 -4.21 0.04	39.99 -3.86 0.04	40.42 -3.81 0.04	39.15 -3.64 0.04	40.72 -3.40 0.04	42.72 -3.81 1.09	41.89 -4.26 7.75	62.31 -5.28 0.06	71.54 -5.89 0.04	62.31 -5.06 0.04	52.50 -4.38 0.04	47.98 -4.06 0.04	43.03 -3.80 0.04	39.23 -3.51 0.04	34.98 -2.88 0.00

HISHELDN_WT_PWR 323625	39.63 -2.08 0.00	36.34 -1.83 0.00	36.20 -1.94 0.00	35.26 -1.74 0.00	36.53 -2.41 0.00	41.07 -4.67 0.00	51.40 -6.94 0.00	59.12 -7.76 0.00	50.44 -6.55 0.00	42.69 -5.71 0.02	38.29 -5.57 0.02	38.44 -5.80 0.02	37.45 -5.35 0.02	38.49 -5.65 0.02	40.89 -6.14 0.59	42.84 -6.90 4.16	58.88 -8.73 0.03	67.91 -9.53 0.02	59.43 -7.95 0.02	50.07 -6.83 0.02	45.45 -6.62 0.02	41.04 -5.81 0.02	37.76 -5.01 0.02	33.99 -3.86 0.00
HOLTSVILLE_IC_1 23690	43.63 1.92 0.00	39.81 1.64 0.00	39.29 1.14 0.00	38.07 1.07 0.00	40.39 1.44 0.00	47.79 2.06 0.00	59.19 0.99 0.14	61.85 1.21 6.24	51.57 0.80 6.22	47.23 0.87 2.06	45.54 2.77 1.12	45.44 2.79 1.61	45.70 3.12 0.26	47.74 3.40 -0.18	49.90 3.72 1.44	55.77 1.89 0.01	71.08 3.45 0.00	82.57 5.11 0.00	70.70 3.30 0.00	60.22 3.30 0.00	54.48 2.40 0.00	48.75 1.88 0.01	46.04 3.25 0.00	40.92 3.07 0.00
HOLTSVILLE_IC_10 23699	43.84 2.13 0.00	39.96 1.79 0.00	39.40 1.26 0.00	38.18 1.18 0.00	40.54 1.60 0.00	48.02 2.29 0.00	59.43 1.23 0.14	62.19 1.47 6.16	51.88 1.03 6.14	47.31 0.92 2.03	45.63 2.85 1.10	45.55 2.88 1.59	45.87 3.30 0.26	47.96 3.62 -0.18	50.11 3.91 1.42	56.05 2.16 0.01	71.56 3.92 0.00	83.11 5.65 0.00	71.11 3.70 0.00	60.57 3.65 0.00	54.79 2.71 0.00	48.93 2.06 0.01	46.25 3.46 0.00	41.07 3.22 0.00
HOLTSVILLE_IC_2 23691	43.63 1.92 0.00	39.81 1.64 0.00	39.29 1.14 0.00	38.07 1.07 0.00	40.39 1.44 0.00	47.79 2.06 0.00	59.19 0.99 0.14	61.85 1.21 6.24	51.57 0.80 6.22	47.23 0.87 2.06	45.54 2.77 1.12	45.44 2.79 1.61	45.70 3.12 0.26	47.74 3.40 -0.18	49.90 3.72 1.44	55.77 1.89 0.01	71.08 3.45 0.00	82.57 5.11 0.00	70.70 3.30 0.00	60.22 3.30 0.00	54.48 2.40 0.00	48.75 1.88 0.01	46.04 3.25 0.00	40.92 3.07 0.00
HOLTSVILLE_IC_3 23692	43.63 1.92 0.00	39.81 1.64 0.00	39.29 1.14 0.00	38.07 1.07 0.00	40.39 1.44 0.00	47.79 2.06 0.00	59.19 0.99 0.14	61.85 1.21 6.24	51.57 0.80 6.22	47.23 0.87 2.06	45.54 2.77 1.12	45.44 2.79 1.61	45.70 3.12 0.26	47.74 3.40 -0.18	49.90 3.72 1.44	55.77 1.89 0.01	71.08 3.45 0.00	82.57 5.11 0.00	70.70 3.30 0.00	60.22 3.30 0.00	54.48 2.40 0.00	48.75 1.88 0.01	46.04 3.25 0.00	40.92 3.07 0.00
HOLTSVILLE_IC_4 23693	43.63 1.92 0.00	39.81 1.64 0.00	39.29 1.14 0.00	38.07 1.07 0.00	40.39 1.44 0.00	47.79 2.06 0.00	59.19 0.99 0.14	61.85 1.21 6.24	51.57 0.80 6.22	47.23 0.87 2.06	45.54 2.77 1.12	45.44 2.79 1.61	45.70 3.12 0.26	47.74 3.40 -0.18	49.90 3.72 1.44	55.77 1.89 0.01	71.08 3.45 0.00	82.57 5.11 0.00	70.70 3.30 0.00	60.22 3.30 0.00	54.48 2.40 0.00	48.75 1.88 0.01	46.04 3.25 0.00	40.92 3.07 0.00
HOLTSVILLE_IC_5 23694	43.63 1.92 0.00	39.81 1.64 0.00	39.29 1.14 0.00	38.07 1.07 0.00	40.39 1.44 0.00	47.79 2.06 0.00	59.19 0.99 0.14	61.85 1.21 6.24	51.57 0.80 6.22	47.23 0.87 2.06	45.54 2.77 1.12	45.44 2.79 1.61	45.70 3.12 0.26	47.74 3.40 -0.18	49.90 3.72 1.44	55.77 1.89 0.01	71.08 3.45 0.00	82.57 5.11 0.00	70.70 3.30 0.00	60.22 3.30 0.00	54.48 2.40 0.00	48.75 1.88 0.01	46.04 3.25 0.00	40.92 3.07 0.00
HOLTSVILLE_IC_6 23695	43.84 2.13 0.00	39.96 1.79 0.00	39.40 1.26 0.00	38.18 1.18 0.00	40.54 1.60 0.00	48.02 2.29 0.00	59.43 1.23 0.14	62.19 1.47 6.16	51.88 1.03 6.14	47.31 0.92 2.03	45.63 2.85 1.10	45.55 2.88 1.59	45.87 3.30 0.26	47.96 3.62 -0.18	50.11 3.91 1.42	56.05 2.16 0.01	71.56 3.92 0.00	83.11 5.65 0.00	71.11 3.70 0.00	60.57 3.65 0.00	54.79 2.71 0.00	48.93 2.06 0.01	46.25 3.46 0.00	41.07 3.22 0.00
HOLTSVILLE_IC_7 23696	43.84 2.13 0.00	39.96 1.79 0.00	39.40 1.26 0.00	38.18 1.18 0.00	40.54 1.60 0.00	48.02 2.29 0.00	59.43 1.23 0.14	62.19 1.47 6.16	51.88 1.03 6.14	47.31 0.92 2.03	45.63 2.85 1.10	45.55 2.88 1.59	45.87 3.30 0.26	47.96 3.62 -0.18	50.11 3.91 1.42	56.05 2.16 0.01	71.56 3.92 0.00	83.11 5.65 0.00	71.11 3.70 0.00	60.57 3.65 0.00	54.79 2.71 0.00	48.93 2.06 0.01	46.25 3.46 0.00	41.07 3.22 0.00
HOLTSVILLE_IC_8 23697	43.84 2.13 0.00	39.96 1.79 0.00	39.40 1.26 0.00	38.18 1.18 0.00	40.54 1.60 0.00	48.02 2.29 0.00	59.43 1.23 0.14	62.19 1.47 6.16	51.88 1.03 6.14	47.31 0.92 2.03	45.63 2.85 1.10	45.55 2.88 1.59	45.87 3.30 0.26	47.96 3.62 -0.18	50.11 3.91 1.42	56.05 2.16 0.01	71.56 3.92 0.00	83.11 5.65 0.00	71.11 3.70 0.00	60.57 3.65 0.00	54.79 2.71 0.00	48.93 2.06 0.01	46.25 3.46 0.00	41.07 3.22 0.00
HOLTSVILLE_IC_9 23698	43.84 2.13 0.00	39.96 1.79 0.00	39.40 1.26 0.00	38.18 1.18 0.00	40.54 1.60 0.00	48.02 2.29 0.00	59.43 1.23 0.14	62.19 1.47 6.16	51.88 1.03 6.14	47.31 0.92 2.03	45.63 2.85 1.10	45.55 2.88 1.59	45.87 3.30 0.26	47.96 3.62 -0.18	50.11 3.91 1.42	56.05 2.16 0.01	71.56 3.92 0.00	83.11 5.65 0.00	71.11 3.70 0.00	60.57 3.65 0.00	54.79 2.71 0.00	48.93 2.06 0.01	46.25 3.46 0.00	41.07 3.22 0.00
HOMER_HL_115KV_TB2 355744	39.59 -2.13 0.00	36.26 -1.91 0.00	36.20 -1.95 0.00	35.07 -1.92 0.00	36.69 -2.26 0.00	41.62 -4.12 0.00	52.56 -5.78 0.00	60.59 -6.29 0.00	51.24 -5.76 0.00	43.32 -5.08 0.02	39.87 -3.99 0.02	40.53 -3.72 0.02	39.08 -3.73 0.02	41.32 -2.83 0.02	43.85 -3.29 0.48	46.71 -3.77 3.41	63.15 -4.46 0.02	71.48 -5.96 0.02	62.00 -5.39 0.02	52.35 -4.55 0.02	48.31 -3.75 0.02	42.87 -3.98 0.02	38.96 -3.81 0.02	34.45 -3.41 0.00
HOWARD_WT_PWR 323690	39.84 -1.88 0.00	36.49 -1.68 0.00	36.35 -1.79 0.00	35.41 -1.59 0.00	36.77 -2.18 0.00	41.80 -3.93 0.00	52.63 -5.72 0.00	60.39 -6.49 0.00	51.29 -5.70 0.00	43.10 -5.28 0.04	38.66 -5.18 0.04	38.68 -5.53 0.04	37.56 -5.23 0.04	38.55 -5.57 0.04	40.63 -5.76 1.22	38.66 -6.52 8.71	59.19 -8.39 0.06	68.36 -9.06 0.04	59.74 -7.62 0.04	50.33 -6.54 0.05	45.68 -6.36 0.05	41.10 -5.72 0.05	37.56 -5.18 0.05	33.62 -4.24 0.00
HQ_GEN_CEDARS 23644	42.55 0.83 0.00	38.97 0.80 0.00	39.02 0.88 0.00	37.89 0.89 0.00	39.84 0.90 0.00	46.88 1.14 0.00	59.97 1.63 0.00	68.75 1.87 0.00	58.70 1.71 0.00	49.58 1.16 0.00	44.94 1.05 0.00	45.41 1.15 0.00	43.90 1.07 0.00	45.18 1.02 0.00	48.81 1.19 0.00	55.35 1.46 0.00	69.13 1.49 0.00	78.78 1.32 0.00	68.62 1.21 0.00	57.95 1.02 0.00	53.23 1.15 0.00	47.91 1.03 0.00	43.56 0.77 0.00	38.54 0.68 0.00
HQ_GEN_CEDARS_PROXY 323590	42.55 0.83 0.00	38.97 0.80 0.00	39.02 0.88 0.00	37.88 0.89 0.00	39.63 0.90 0.21	45.48 1.14 1.40	61.58 1.63 -1.61	74.81 1.87 -6.07	52.64 1.71 6.07	49.58 1.16 0.00	44.94 1.05 0.00	45.41 1.15 0.00	43.90 1.07 0.00	45.18 1.02 0.00	48.81 1.19 0.00	55.35 1.46 0.00	63.94 1.49 5.18	83.96 1.32 -5.18	68.62 1.21 0.00	57.95 1.03 0.00	53.23 1.14 0.00	47.90 1.03 0.00	43.56 0.77 0.00	38.54 0.68 0.00

HQ_GEN_IMPORT 323601	41.84 0.13 0.00	38.32 0.15 0.00	38.30 0.15 0.00	37.18 0.19 0.00	38.89 0.16 0.21	44.57 0.23 1.40	60.42 0.46 -1.61	73.48 0.53 -6.07	51.38 0.45 6.07	48.76 0.34 0.00	44.20 0.31 0.00	44.57 0.31 0.00	43.13 0.30 0.00	44.43 0.27 0.00	47.96 0.34 0.00	54.32 0.43 0.00	62.87 0.41 5.18	83.03 0.39 -5.18	67.74 0.34 0.00	57.21 0.29 0.00	52.40 0.31 0.00	47.11 0.24 0.00	42.96 0.17 0.00	37.97 0.11 0.00
HQ_GEN_WHEEL 23651	41.84 0.13 0.00	38.32 0.15 0.00	38.30 0.15 0.00	37.18 0.19 0.00	38.89 0.16 0.21	44.57 0.23 1.40	60.42 0.46 -1.61	73.48 0.53 -6.07	51.38 0.45 6.07	48.76 0.34 0.00	44.20 0.31 0.00	44.57 0.31 0.00	43.13 0.30 0.00	44.43 0.27 0.00	47.96 0.34 0.00	54.32 0.43 0.00	62.87 0.41 5.18	83.03 0.39 -5.18	67.74 0.34 0.00	57.21 0.29 0.00	52.40 0.31 0.00	47.11 0.24 0.00	42.96 0.17 0.00	37.97 0.11 0.00
HUDSON AVE_GT_3 23810	44.39 2.67 -0.01	40.54 2.37 -0.01	40.24 2.10 0.00	39.07 2.07 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.67 3.33 0.00	70.76 3.88 0.00	60.13 3.13 0.00	52.13 3.15 -0.56	50.94 3.07 -3.98	49.19 3.10 -1.84	51.41 3.08 -5.50	51.75 3.31 -4.28	54.24 3.52 -3.09	57.57 3.66 -0.01	72.10 4.46 0.00	83.04 5.58 0.00	71.72 4.31 0.00	60.63 3.70 0.00	55.85 3.75 -0.01	50.08 3.19 -0.01	45.93 3.12 -0.01	40.48 2.61 -0.01
HUDSON AVE_GT_4 23540	44.39 2.67 -0.01	40.54 2.37 -0.01	40.24 2.10 0.00	39.07 2.07 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.67 3.33 0.00	70.76 3.88 0.00	60.13 3.13 0.00	52.13 3.15 -0.56	50.94 3.07 -3.98	49.19 3.10 -1.84	51.41 3.08 -5.50	51.75 3.31 -4.28	54.24 3.52 -3.09	57.57 3.66 -0.01	72.10 4.46 0.00	83.04 5.58 0.00	71.72 4.31 0.00	60.63 3.70 0.00	55.85 3.75 -0.01	50.08 3.19 -0.01	45.93 3.12 -0.01	40.48 2.61 -0.01
HUDSON AVE_GT_5 23657	44.39 2.67 -0.01	40.54 2.37 -0.01	40.24 2.10 0.00	39.07 2.07 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.67 3.33 0.00	70.76 3.88 0.00	60.13 3.13 0.00	52.13 3.15 -0.56	50.94 3.07 -3.98	49.19 3.10 -1.84	51.41 3.08 -5.50	51.75 3.31 -4.28	54.24 3.52 -3.09	57.57 3.66 -0.01	72.10 4.46 0.00	83.04 5.58 0.00	71.72 4.31 0.00	60.63 3.70 0.00	55.85 3.75 -0.01	50.08 3.19 -0.01	45.93 3.12 -0.01	40.48 2.61 -0.01
HUDSON_AVE_10 24168	44.27 2.54 -0.01	40.43 2.25 -0.01	40.13 1.98 0.00	38.96 1.96 0.00	41.09 2.14 0.00	48.44 2.70 -0.01	61.55 3.21 0.00	70.69 3.81 0.00	60.01 3.02 0.00	52.10 3.15 -0.53	50.77 3.07 -3.82	49.16 3.14 -1.76	51.19 3.08 -5.28	51.62 3.36 -4.10	54.16 3.57 -2.97	57.52 3.61 -0.01	72.03 4.40 0.00	82.96 5.50 0.00	71.65 4.25 0.00	60.57 3.64 0.00	55.85 3.75 -0.01	50.03 3.14 -0.01	45.88 3.08 -0.01	40.36 2.50 -0.01
HUDSON___115KV_TB 4 355613	42.80 1.08 0.00	39.24 1.07 0.00	39.17 1.03 0.00	38.03 1.04 0.00	40.00 1.05 0.00	47.20 1.46 0.00	60.27 1.93 0.00	68.82 1.94 0.00	58.30 1.31 0.00	49.44 1.02 0.00	44.85 0.97 0.00	45.06 0.80 0.00	43.56 0.73 0.00	45.09 0.93 0.00	48.72 1.10 0.00	55.35 1.46 0.00	69.73 2.10 0.00	79.94 2.48 0.00	69.76 2.36 0.00	58.75 1.82 0.00	53.91 1.82 0.00	48.47 1.59 0.00	44.20 1.41 0.00	39.11 1.25 0.00
HUNTER MOUNT___DRP 323613	42.84 1.13 0.00	39.24 1.07 0.00	39.21 1.07 0.00	38.03 1.04 0.00	40.04 1.09 0.00	47.20 1.46 0.00	60.38 2.04 0.00	68.89 2.01 0.00	58.25 1.25 0.00	49.34 0.92 0.00	44.68 0.79 0.00	44.92 0.66 0.00	43.43 0.60 0.00	44.96 0.79 0.00	48.62 1.00 0.00	55.30 1.40 0.00	69.73 2.10 0.00	79.94 2.48 0.00	69.83 2.43 0.00	58.81 1.88 0.00	53.96 1.88 0.00	48.47 1.59 0.00	44.20 1.41 0.00	39.11 1.25 0.00
HUNTINGTON_RES_REC 323705	43.67 1.96 0.00	39.85 1.68 0.00	39.33 1.18 0.00	38.11 1.11 0.00	40.43 1.48 0.00	47.74 2.01 0.00	59.13 0.93 0.14	61.83 1.07 6.12	51.57 0.69 6.11	47.37 0.97 2.02	45.68 2.90 1.10	45.56 2.88 1.58	45.78 3.21 0.26	47.65 3.31 -0.18	49.79 3.57 1.41	55.67 1.78 0.01	70.95 3.31 0.00	82.42 4.96 0.00	70.84 3.44 0.00	60.11 3.19 0.00	54.43 2.35 0.00	48.70 1.83 0.01	45.87 3.08 0.00	40.81 2.95 0.00
HUNTLEY___63 23557	39.42 -2.29 0.00	36.03 -2.14 0.00	35.97 -2.17 0.00	34.78 -2.22 0.00	36.38 -2.57 0.00	40.38 -5.35 0.01	50.40 -7.93 0.01	58.58 -8.29 0.01	50.32 -6.67 0.01	42.74 -5.67 0.02	38.12 -5.75 0.02	38.40 -5.84 0.02	37.50 -5.31 0.02	38.14 -6.01 0.02	41.05 -6.19 0.38	44.67 -6.58 2.64	58.50 -9.13 0.01	67.61 -9.84 0.02	59.30 -8.09 0.02	50.31 -6.60 0.02	45.51 -6.56 0.02	41.28 -5.58 0.02	38.07 -4.71 0.02	34.45 -3.41 0.00
HUNTLEY___64 23558	39.42 -2.29 0.00	36.03 -2.14 0.00	35.97 -2.17 0.00	34.78 -2.22 0.00	36.38 -2.57 0.00	40.38 -5.35 0.01	50.40 -7.93 0.01	58.58 -8.29 0.01	50.32 -6.67 0.01	42.74 -5.67 0.02	38.12 -5.75 0.02	38.40 -5.84 0.02	37.50 -5.31 0.02	38.14 -6.01 0.02	41.05 -6.19 0.38	44.67 -6.58 2.64	58.50 -9.13 0.01	67.61 -9.84 0.02	59.30 -8.09 0.02	50.31 -6.60 0.02	45.51 -6.56 0.02	41.28 -5.58 0.02	38.07 -4.71 0.02	34.45 -3.41 0.00
HUNTLEY___65 23559	39.42 -2.29 0.00	36.03 -2.14 0.00	35.97 -2.17 0.00	34.78 -2.22 0.00	36.38 -2.57 0.00	40.38 -5.35 0.01	50.40 -7.93 0.01	58.58 -8.29 0.01	50.32 -6.67 0.01	42.74 -5.67 0.02	38.12 -5.75 0.02	38.40 -5.84 0.02	37.50 -5.31 0.02	38.14 -6.01 0.02	41.05 -6.19 0.38	44.67 -6.58 2.64	58.50 -9.13 0.01	67.61 -9.84 0.02	59.30 -8.09 0.02	50.31 -6.60 0.02	45.51 -6.56 0.02	41.28 -5.58 0.02	38.07 -4.71 0.02	34.45 -3.41 0.00
HUNTLEY___66 23560	39.42 -2.29 0.00	36.03 -2.14 0.00	35.97 -2.17 0.00	34.78 -2.22 0.00	36.38 -2.57 0.00	40.38 -5.35 0.01	50.40 -7.93 0.01	58.58 -8.29 0.01	50.32 -6.67 0.01	42.74 -5.67 0.02	38.12 -5.75 0.02	38.40 -5.84 0.02	37.50 -5.31 0.02	38.14 -6.01 0.02	41.05 -6.19 0.38	44.67 -6.58 2.64	58.50 -9.13 0.01	67.61 -9.84 0.02	59.30 -8.09 0.02	50.31 -6.60 0.02	45.51 -6.56 0.02	41.28 -5.58 0.02	38.07 -4.71 0.02	34.45 -3.41 0.00
HUNTLEY___67 23561	39.55 -2.17 0.00	36.15 -2.02 0.00	36.08 -2.06 0.00	34.89 -2.11 0.00	36.49 -2.45 0.00	40.70 -5.03 0.00	50.87 -7.47 0.00	58.99 -7.89 0.00	50.61 -6.38 0.00	43.03 -5.37 0.01	38.43 -5.44 0.01	38.76 -5.49 0.01	37.76 -5.05 0.01	38.49 -5.65 0.01	41.05 -6.19 0.38	44.23 -6.95 2.71	59.10 -8.52 0.02	68.23 -9.22 0.01	59.71 -7.68 0.01	50.31 -6.60 0.02	45.56 -6.51 0.02	41.33 -5.53 0.02	38.07 -4.71 0.02	34.41 -3.44 0.00
HUNTLEY___68 23562	39.55 -2.17 0.00	36.15 -2.02 0.00	36.08 -2.06 0.00	34.89 -2.11 0.00	36.49 -2.45 0.00	40.70 -5.03 0.00	50.87 -7.47 0.00	58.99 -7.89 0.00	50.61 -6.38 0.00	43.03 -5.37 0.01	38.43 -5.44 0.01	38.76 -5.49 0.01	37.76 -5.05 0.01	38.49 -5.65 0.01	41.05 -6.19 0.38	44.23 -6.95 2.71	59.10 -8.52 0.02	68.23 -9.22 0.01	59.71 -7.68 0.01	50.31 -6.60 0.02	45.56 -6.51 0.02	41.33 -5.53 0.02	38.07 -4.71 0.02	34.41 -3.44 0.00

HYLAND___LFGE 323620	41.88 0.17 0.00	38.32 0.15 0.00	38.22 0.08 0.00	37.11 0.11 0.00	38.75 -0.19 0.00	44.41 -1.33 0.00	56.24 -2.10 0.00	64.74 -2.14 0.00	55.17 -1.83 0.00	46.03 -2.37 0.02	40.57 -3.29 0.02	40.61 -3.63 0.02	39.42 -3.38 0.02	40.87 -3.27 0.02	43.38 -3.57 0.67	45.43 -3.67 4.79	63.75 -3.85 0.03	74.65 -2.79 0.02	65.76 -1.62 0.02	55.25 -1.65 0.03	49.92 -2.14 0.03	45.02 -1.83 0.03	41.00 -1.76 0.03	36.64 -1.21 0.00
INDECK___CORINTH 23802	42.47 0.75 0.00	38.93 0.76 0.00	38.91 0.76 0.00	37.66 0.67 0.00	39.77 0.82 0.00	46.88 1.14 0.00	59.92 1.58 0.00	68.55 1.67 0.00	58.19 1.20 0.00	49.29 0.87 0.00	44.85 0.96 0.00	44.97 0.71 0.00	43.43 0.60 0.00	44.73 0.57 0.00	48.38 0.76 0.00	55.08 1.18 0.00	69.33 1.69 0.00	79.32 1.86 0.00	69.16 1.75 0.00	58.12 1.20 0.00	53.33 1.25 0.00	47.95 1.08 0.00	43.86 1.07 0.00	38.73 0.87 0.00
INDECK___ILION 23567	42.92 1.21 0.00	39.31 1.15 0.00	39.33 1.18 0.00	38.14 1.15 0.00	40.19 1.25 0.00	47.20 1.46 0.00	60.15 1.81 0.00	68.89 2.01 0.00	58.70 1.71 0.00	49.78 1.36 0.00	45.16 1.27 0.00	45.54 1.28 0.00	44.03 1.20 0.00	45.40 1.24 0.00	48.96 1.33 0.00	55.46 1.56 0.00	69.53 1.89 0.00	79.48 2.01 0.00	69.16 1.75 0.00	58.29 1.37 0.00	53.23 1.15 0.00	47.91 1.03 0.00	43.64 0.86 0.00	38.58 0.72 0.00
INDECK___OLEAN 23982	39.59 -2.13 0.00	36.38 -1.79 0.00	36.20 -1.94 0.00	35.26 -1.74 0.00	36.69 -2.26 0.00	41.71 -4.03 0.00	52.74 -5.60 0.00	60.59 -6.29 0.00	51.24 -5.75 0.00	43.32 -5.08 0.02	39.74 -4.13 0.02	40.17 -4.07 0.02	39.00 -3.81 0.02	39.82 -4.33 0.02	43.90 -3.24 0.48	46.71 -3.77 3.41	62.34 -5.28 0.02	71.17 -6.27 0.02	61.99 -5.39 0.02	52.35 -4.56 0.02	48.10 -3.96 0.02	42.87 -3.98 0.02	38.74 -4.02 0.02	34.45 -3.41 0.00
INDECK___OSWEGO 23783	40.42 -1.29 0.00	36.95 -1.22 0.00	36.92 -1.22 0.00	35.85 -1.15 0.00	37.70 -1.25 0.00	44.13 -1.60 0.00	56.30 -2.04 0.00	64.54 -2.34 0.00	55.06 -1.94 0.00	46.78 -1.65 0.00	42.31 -1.58 0.00	42.62 -1.64 0.00	41.29 -1.54 0.00	42.66 -1.50 0.00	45.91 -1.71 0.00	51.90 -1.99 0.00	65.27 -2.37 0.00	74.91 -2.55 0.00	65.25 -2.16 0.00	55.10 -1.82 0.00	50.26 -1.82 0.00	45.28 -1.59 0.00	41.33 -1.45 0.00	36.61 -1.25 0.00
INDECK___YERKES 23781	39.46 -2.25 0.00	36.18 -1.99 0.00	36.01 -2.14 0.00	35.11 -1.89 0.00	36.37 -2.57 0.00	40.56 -5.17 0.01	50.70 -7.64 0.01	58.58 -8.30 0.01	50.38 -6.61 0.01	42.79 -5.62 0.02	38.16 -5.70 0.02	38.40 -5.84 0.02	37.50 -5.31 0.02	38.62 -5.52 0.02	41.15 -6.10 0.38	44.73 -6.52 2.64	58.50 -9.13 0.01	67.76 -9.69 0.02	59.30 -8.09 0.02	50.37 -6.54 0.02	45.51 -6.56 0.02	41.28 -5.58 0.02	38.15 -4.62 0.02	34.49 -3.37 0.00
INDIAN POINT_GT_1 24139	43.80 2.09 0.00	40.04 1.87 0.00	39.78 1.64 0.00	38.63 1.63 0.00	40.70 1.75 0.00	48.02 2.29 0.00	61.03 2.68 0.00	69.96 3.08 0.00	59.39 2.39 0.00	50.81 2.37 -0.01	46.31 2.33 -0.10	46.70 2.39 -0.05	45.32 2.36 -0.14	46.83 2.56 -0.11	50.41 2.71 -0.08	56.75 2.86 0.00	71.16 3.52 0.00	81.88 4.42 0.00	70.78 3.37 0.00	59.89 2.96 0.00	55.05 2.97 0.00	49.41 2.53 0.00	45.31 2.52 0.00	39.94 2.08 0.00
INDIAN POINT_GT_2 23659	43.80 2.09 0.00	40.04 1.87 0.00	39.78 1.64 0.00	38.63 1.63 0.00	40.70 1.75 0.00	48.02 2.29 0.00	61.03 2.68 0.00	69.96 3.08 0.00	59.39 2.39 0.00	50.81 2.37 -0.01	46.31 2.33 -0.10	46.70 2.39 -0.05	45.32 2.36 -0.14	46.83 2.56 -0.11	50.41 2.71 -0.08	56.75 2.86 0.00	71.16 3.52 0.00	81.88 4.42 0.00	70.78 3.37 0.00	59.89 2.96 0.00	55.05 2.97 0.00	49.41 2.53 0.00	45.31 2.52 0.00	39.94 2.08 0.00
INDIAN POINT_GT_3 24019	43.80 2.09 0.00	40.04 1.87 0.00	39.78 1.64 0.00	38.63 1.63 0.00	40.70 1.75 0.00	48.02 2.29 0.00	61.03 2.68 0.00	69.96 3.08 0.00	59.39 2.39 0.00	50.81 2.37 -0.01	46.31 2.33 -0.10	46.70 2.39 -0.05	45.32 2.36 -0.14	46.83 2.56 -0.11	50.41 2.71 -0.08	56.75 2.86 0.00	71.16 3.52 0.00	81.88 4.42 0.00	70.78 3.37 0.00	59.89 2.96 0.00	55.05 2.97 0.00	49.41 2.53 0.00	45.31 2.52 0.00	39.94 2.08 0.00
INDIAN POINT___2 23530	43.76 2.04 0.00	39.96 1.79 0.00	39.75 1.60 0.00	38.55 1.55 0.00	40.66 1.71 0.00	47.98 2.24 0.00	60.97 2.63 0.00	69.89 3.01 0.00	59.28 2.28 0.00	50.75 2.32 0.00	46.12 2.24 0.00	46.56 2.30 0.00	45.10 2.27 0.00	46.54 2.38 0.00	50.24 2.62 0.00	56.64 2.75 0.00	71.02 3.38 0.00	81.72 4.26 0.00	70.71 3.30 0.00	59.77 2.85 0.00	54.95 2.86 0.00	49.36 2.48 0.00	45.23 2.44 0.00	39.90 2.04 0.00
INDIAN POINT___3 23531	43.84 2.13 0.00	40.04 1.87 0.00	39.82 1.68 0.00	38.63 1.63 0.00	40.74 1.79 0.00	48.02 2.29 0.00	61.03 2.68 0.00	69.96 3.08 0.00	59.39 2.39 0.00	50.81 2.37 -0.01	46.31 2.33 -0.10	46.70 2.39 -0.05	45.32 2.36 -0.14	46.83 2.56 -0.11	50.42 2.71 -0.08	56.75 2.86 0.00	71.16 3.52 0.00	81.88 4.42 0.00	70.78 3.37 0.00	59.89 2.96 0.00	55.05 2.97 0.00	49.45 2.58 0.00	45.31 2.52 0.00	39.98 2.12 0.00
INGHAM_C_115KV_TB7 356103	44.47 2.75 0.00	40.80 2.63 0.00	40.81 2.67 0.00	39.59 2.59 0.00	41.75 2.80 0.00	48.98 3.25 0.00	62.31 3.97 0.00	71.36 4.48 0.00	60.75 3.76 0.00	51.47 3.05 0.00	46.78 2.90 0.00	47.14 2.88 0.00	45.57 2.74 0.00	46.99 2.83 0.00	50.67 3.05 0.00	57.40 3.50 0.00	71.83 4.19 0.00	81.96 4.49 0.00	71.32 3.91 0.00	60.06 3.13 0.00	54.74 2.66 0.00	49.27 2.39 0.00	44.84 2.05 0.00	39.60 1.74 0.00
IP CORINTH___1 23988	42.72 1.00 0.00	39.16 0.99 0.00	39.10 0.95 0.00	37.89 0.89 0.00	39.96 1.01 0.00	47.15 1.42 0.00	60.27 1.93 0.00	68.95 2.07 0.00	58.48 1.48 0.00	49.54 1.11 0.00	45.07 1.18 0.00	45.19 0.93 0.00	43.64 0.81 0.00	45.04 0.88 0.00	48.62 1.00 0.00	55.35 1.46 0.00	69.73 2.10 0.00	79.71 2.25 0.00	69.56 2.16 0.00	58.41 1.48 0.00	53.65 1.56 0.00	48.23 1.36 0.00	44.11 1.33 0.00	38.92 1.06 0.00
IP___TICONDEROGA 23804	44.38 2.67 0.00	40.73 2.56 0.00	40.70 2.56 0.00	39.33 2.33 0.00	41.52 2.57 0.00	49.12 3.38 0.00	62.89 4.55 0.00	71.83 4.95 0.00	60.70 3.70 0.00	51.23 2.81 0.00	46.52 2.63 0.00	46.47 2.21 0.00	44.80 1.97 0.00	46.32 2.16 0.00	50.19 2.57 0.00	57.45 3.56 0.00	72.64 5.01 0.00	83.12 5.65 0.00	72.73 5.33 0.00	60.85 3.93 0.00	55.78 3.70 0.00	50.06 3.19 0.00	45.66 2.87 0.00	40.24 2.38 0.00
ISLIP_RES_REC 323679	44.01 2.29 0.00	40.15 1.98 0.00	39.56 1.41 0.00	38.33 1.33 0.00	40.70 1.75 0.00	48.20 2.47 0.00	59.66 1.46 0.14	62.45 1.67 6.10	52.10 1.20 6.09	47.47 1.06 2.02	45.78 2.99 1.10	45.70 3.01 1.57	46.04 3.47 0.26	48.14 3.80 -0.18	50.36 4.14 1.40	56.32 2.43 0.01	71.97 4.33 0.00	83.58 6.12 0.00	71.51 4.11 0.00	60.91 3.98 0.00	55.05 2.97 0.00	49.21 2.34 0.01	46.47 3.68 0.00	41.26 3.41 0.00

JAMAICA__27_KV_LOAD 355505	44.35 2.63 -0.01	40.47 2.29 -0.01	40.24 2.10 0.00	39.00 2.00 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.84 3.50 0.00	71.03 4.15 0.00	60.36 3.36 0.00	52.59 3.63 -0.53	51.26 3.55 -3.82	49.61 3.59 -1.76	51.66 3.55 -5.28	52.11 3.84 -4.10	54.68 4.10 -2.97	57.95 4.04 -0.01	72.44 4.80 0.00	83.51 6.04 0.00	72.12 4.72 0.00	60.97 4.04 0.00	56.32 4.22 -0.01	50.36 3.47 -0.01	46.10 3.29 -0.01	40.51 2.65 -0.01
JANIS__SOLAR 323808	42.84 1.13 0.00	39.24 1.07 0.00	39.25 1.11 0.00	38.03 1.03 0.00	40.08 1.13 0.00	46.92 1.19 0.00	59.92 1.58 0.00	68.69 1.81 0.00	58.25 1.25 0.00	48.79 0.34 -0.03	43.91 0.00 -0.03	44.24 -0.04 -0.03	42.90 0.04 -0.03	44.32 0.13 -0.03	48.73 0.38 -0.73	59.75 0.65 -5.20	69.03 1.35 -0.04	79.50 2.01 -0.03	69.39 1.96 -0.03	58.38 1.42 -0.03	53.10 0.99 -0.03	47.65 0.75 -0.03	43.29 0.47 -0.03	38.16 0.30 0.00
JARVIS____ 23743	41.84 0.13 0.00	38.28 0.11 0.00	38.26 0.11 0.00	37.11 0.11 0.00	39.06 0.12 0.00	45.92 0.18 0.00	58.52 0.18 0.00	67.08 0.20 0.00	57.11 0.11 0.00	48.52 0.10 0.00	44.02 0.13 0.00	44.35 0.09 0.00	42.91 0.09 0.00	44.25 0.09 0.00	47.77 0.14 0.00	54.06 0.16 0.00	67.84 0.20 0.00	77.70 0.23 0.00	67.61 0.20 0.00	57.10 0.17 0.00	52.19 0.10 0.00	46.97 0.09 0.00	42.92 0.13 0.00	37.97 0.11 0.00
JENNISON____1 23625	43.01 1.29 0.00	39.47 1.30 0.00	39.48 1.34 0.00	38.18 1.18 0.00	40.35 1.40 0.00	47.24 1.51 0.00	60.21 1.87 0.00	69.02 2.14 0.00	58.65 1.65 0.00	49.35 0.92 -0.01	44.64 0.75 -0.01	45.06 0.80 -0.01	43.60 0.77 -0.01	45.05 0.88 -0.01	48.86 1.05 -0.19	56.63 1.40 -1.33	69.68 2.03 -0.01	80.18 2.71 -0.01	69.77 2.36 -0.01	58.70 1.76 -0.01	53.50 1.41 -0.01	47.73 0.84 -0.01	43.35 0.56 -0.01	38.27 0.42 0.00
JENNISON____2 23626	43.01 1.29 0.00	39.47 1.30 0.00	39.48 1.34 0.00	38.18 1.18 0.00	40.35 1.40 0.00	47.24 1.51 0.00	60.21 1.87 0.00	69.02 2.14 0.00	58.65 1.65 0.00	49.35 0.92 -0.01	44.64 0.75 -0.01	45.06 0.80 -0.01	43.60 0.77 -0.01	45.05 0.88 -0.01	48.86 1.05 -1.09	56.63 1.40 -1.33	69.68 2.03 -0.01	80.18 2.71 -0.01	69.77 2.36 -0.01	58.70 1.76 -0.01	53.50 1.41 -0.01	47.73 0.84 -0.01	43.35 0.56 -0.01	38.27 0.42 0.00
JERICOHO_RISE_WT_PWR 323719	41.63 -0.08 0.00	38.13 -0.04 0.00	38.18 0.04 0.00	37.07 0.07 0.00	39.06 0.12 0.00	46.01 0.28 0.00	58.92 0.58 0.00	67.48 0.60 0.00	57.68 0.69 0.00	48.86 0.43 0.00	44.33 0.44 0.00	44.83 0.57 0.00	43.30 0.47 0.00	44.56 0.40 0.00	48.15 0.52 0.00	54.59 0.70 0.00	68.25 0.61 0.00	77.93 0.47 0.00	67.81 0.41 0.00	57.38 0.45 0.00	52.55 0.47 0.00	47.11 0.24 0.00	42.66 -0.13 0.00	37.55 -0.30 0.00
KATONAH__115KV_46KV_TB4 355592	43.97 2.25 0.00	40.23 2.06 0.00	39.97 1.83 0.00	38.77 1.78 0.00	40.89 1.95 0.00	48.21 2.47 0.00	61.26 2.92 0.00	70.22 3.34 0.00	59.67 2.68 0.00	51.04 2.61 0.00	46.39 2.50 0.00	46.92 2.66 0.00	45.44 2.61 0.00	46.99 2.83 0.00	50.67 3.05 0.00	57.13 3.23 0.00	71.63 3.99 0.00	82.34 4.88 0.00	71.11 3.71 0.00	60.17 3.24 0.00	55.26 3.18 0.00	49.64 2.77 0.00	45.44 2.65 0.00	40.05 2.20 0.00
KCE_NY_1 323755	43.05 1.33 0.00	39.43 1.26 0.00	39.40 1.26 0.00	38.18 1.18 0.00	40.27 1.32 0.00	47.52 1.78 0.00	60.61 2.27 0.00	69.36 2.48 0.00	58.93 1.94 0.00	49.97 1.55 0.00	45.42 1.54 0.00	45.59 1.33 0.00	44.07 1.24 0.00	45.44 1.28 0.00	49.19 1.57 0.00	55.94 2.05 0.00	70.35 2.71 0.00	80.48 3.02 0.00	70.17 2.76 0.00	59.03 2.11 0.00	54.11 2.03 0.00	48.66 1.78 0.00	44.46 1.67 0.00	39.26 1.40 0.00
KCE_NY_6_ESR 323823	39.80 -1.92 0.00	36.49 -1.68 0.00	36.35 -1.79 0.00	35.44 -1.55 0.00	36.73 -2.22 0.00	41.16 -4.57 0.00	51.57 -6.77 0.00	59.52 -7.36 0.00	50.89 -6.10 0.00	43.18 -5.23 0.02	38.82 -5.05 0.02	39.07 -5.18 0.02	38.10 -4.71 0.02	39.15 -4.99 0.02	41.77 -5.43 0.42	44.75 -6.15 3.00	59.84 -7.78 0.02	69.01 -8.44 0.02	60.38 -7.01 0.02	50.87 -6.04 0.02	46.18 -5.89 0.02	41.70 -5.16 0.02	38.32 -4.45 0.02	34.49 -3.37 0.00
KEDC_PORT_JEFF_GT2 24210	43.76 2.04 0.00	39.93 1.76 0.00	39.36 1.22 0.00	38.15 1.15 0.00	40.46 1.52 0.00	47.93 2.20 0.00	59.37 2.92 0.14	62.10 3.34 6.19	51.79 2.68 6.17	47.30 2.61 2.04	45.59 2.50 1.11	45.54 2.88 1.59	45.82 3.25 0.26	47.87 3.53 -0.18	50.05 3.86 1.42	55.94 2.05 0.01	71.35 3.72 0.00	82.88 5.42 0.00	70.97 3.57 0.00	60.45 3.53 0.00	54.68 2.60 0.00	48.88 2.01 0.01	46.17 3.38 0.00	41.04 3.18 0.00
KEDC_PORT_JEFF_GT3 24211	43.76 2.04 0.00	39.93 1.76 0.00	39.36 1.22 0.00	38.15 1.15 0.00	40.46 1.52 0.00	47.93 2.20 0.00	59.37 2.92 0.14	62.10 3.34 6.19	51.79 2.68 6.17	47.30 2.61 2.04	45.59 2.50 1.11	45.54 2.88 1.59	45.82 3.25 0.26	47.87 3.53 -0.18	50.05 3.86 1.42	55.94 2.05 0.01	71.35 3.72 0.00	82.88 5.42 0.00	70.97 3.57 0.00	60.45 3.53 0.00	54.68 2.60 0.00	48.88 2.01 0.01	46.17 3.38 0.00	41.04 3.18 0.00
KEDC_GLWD_GT4 24219	44.13 2.42 0.00	40.27 2.10 0.00	39.90 1.76 0.00	38.66 1.67 0.00	40.89 1.95 0.00	48.25 2.51 0.00	60.74 2.45 0.05	67.74 2.87 2.01	57.21 2.22 2.01	49.96 2.23 0.69	46.52 3.16 0.53	46.88 3.19 0.57	45.91 3.34 0.26	47.82 3.49 -0.18	50.96 3.81 0.47	56.97 3.07 0.00	71.84 4.20 -0.01	83.05 5.58 -0.01	71.73 4.32 -0.01	60.63 3.70 -0.01	55.32 3.23 -0.01	49.64 2.76 0.00	45.87 3.08 0.00	40.58 2.73 0.00
KEDC_GLWD_GT5 24220	44.13 2.42 0.00	40.27 2.10 0.00	39.90 1.76 0.00	38.66 1.67 0.00	40.89 1.95 0.00	48.25 2.51 0.00	60.74 2.45 0.05	67.74 2.87 2.01	57.21 2.22 2.01	49.96 2.23 0.69	46.52 3.16 0.53	46.88 3.19 0.57	45.91 3.34 0.26	47.82 3.49 -0.18	50.96 3.81 0.47	56.97 3.07 0.00	71.84 4.20 -0.01	83.05 5.58 -0.01	71.73 4.32 -0.01	60.63 3.70 -0.01	55.32 3.23 -0.01	49.64 2.76 0.00	45.87 3.08 0.00	40.58 2.73 0.00
KENSICO____ 23655	43.97 2.25 0.00	40.15 1.98 0.00	39.90 1.75 0.00	38.74 1.74 0.00	40.82 1.87 0.00	48.16 2.42 0.00	61.20 2.86 0.00	70.09 3.21 0.00	59.56 2.56 0.00	51.01 2.57 -0.02	46.52 2.50 -0.13	46.84 2.52 -0.06	45.53 2.53 -0.18	47.04 2.74 -0.14	50.63 2.90 -0.10	56.91 3.02 0.00	71.36 3.72 0.00	82.19 4.73 0.00	70.98 3.57 0.00	60.06 3.13 0.00	55.21 3.13 0.00	49.59 2.72 0.00	45.44 2.65 0.00	40.09 2.23 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.13 2.42 0.00	40.31 2.14 0.00	40.13 1.98 0.00	38.92 1.92 0.00	41.05 2.10 0.00	48.34 2.61 0.00	61.61 3.27 0.00	70.36 3.48 0.00	59.56 2.56 0.00	50.84 2.42 0.00	46.12 2.24 0.00	46.56 2.30 0.00	45.05 2.23 0.00	46.68 2.52 0.00	50.34 2.71 0.00	56.81 2.91 0.00	71.49 3.86 0.00	82.27 4.80 0.00	71.38 3.98 0.00	60.29 3.36 0.00	55.47 3.39 0.00	49.78 2.91 0.00	45.53 2.74 0.00	40.13 2.27 0.00

KIAC_JFK_GT1 23816	44.22 2.50 -0.01	40.39 2.21 -0.01	40.13 1.98 0.00	38.92 1.92 0.00	41.05 2.10 0.00	48.44 2.70 -0.01	61.67 3.33 0.00	70.83 3.95 0.00	60.18 3.19 0.00	52.49 3.53 -0.53	51.13 3.42 -3.82	49.52 3.50 -1.76	51.53 3.43 -5.28	51.97 3.71 -4.10	54.54 3.95 -2.97	57.79 3.88 -0.01	72.24 4.60 0.00	83.27 5.81 0.00	71.85 4.45 0.00	60.80 3.87 0.00	56.11 4.01 -0.01	50.22 3.33 -0.01	45.97 3.17 -0.01	40.40 2.54 -0.01
KIAC_JFK_GT2 23817	44.22 2.50 -0.01	40.39 2.21 -0.01	40.13 1.98 0.00	38.92 1.92 0.00	41.05 2.10 0.00	48.44 2.70 -0.01	61.67 3.33 0.00	70.83 3.95 0.00	60.18 3.19 0.00	52.49 3.53 -0.53	51.13 3.42 -3.82	49.52 3.50 -1.76	51.53 3.43 -5.28	51.97 3.71 -4.10	54.54 3.95 -2.97	57.79 3.88 -0.01	72.24 4.60 0.00	83.27 5.81 0.00	71.85 4.45 0.00	60.80 3.87 0.00	56.11 4.01 -0.01	50.22 3.33 -0.01	45.97 3.17 -0.01	40.40 2.54 -0.01
KIAC_JFK____ 323774	44.22 2.50 -0.01	40.35 2.17 -0.01	40.13 1.98 0.00	38.88 1.89 0.00	41.05 2.10 0.00	48.44 2.70 -0.01	61.67 3.32 0.00	70.89 4.01 0.00	60.18 3.19 0.00	52.49 3.53 -0.53	51.13 3.43 -3.82	49.52 3.50 -1.76	51.53 3.43 -5.28	51.89 3.62 -4.10	54.54 3.95 -2.97	57.79 3.88 -0.01	72.24 4.60 0.00	83.20 5.73 0.00	71.85 4.45 0.00	60.80 3.87 0.00	56.11 4.01 -0.01	50.22 3.33 -0.01	45.92 3.12 -0.01	40.40 2.54 -0.01
KINTIGH__24_KV_GSU 356498	39.84 -1.88 0.00	36.49 -1.68 0.00	36.35 -1.79 0.00	35.41 -1.59 0.00	36.80 -2.14 0.00	41.57 -4.16 0.00	52.22 -6.12 0.00	60.26 -6.62 0.00	51.75 -5.24 0.00	44.01 -4.41 0.01	39.09 -4.78 0.01	39.29 -4.96 0.01	38.36 -4.46 0.01	39.56 -4.59 0.01	41.48 -5.86 0.28	45.22 -6.63 2.04	59.71 -7.91 0.02	69.40 -8.06 0.01	60.66 -6.74 0.01	50.99 -5.92 0.01	46.03 -6.04 0.01	41.89 -4.97 0.01	38.75 -4.02 0.01	34.98 -2.88 0.00
KINTIGH____ 23543	39.84 -1.88 0.00	36.38 -1.79 0.00	36.35 -1.79 0.00	35.15 -1.85 0.00	36.80 -2.14 0.00	41.48 -4.25 0.00	51.98 -6.36 0.00	60.26 -6.62 0.00	51.75 -5.24 0.00	44.01 -4.41 0.01	39.05 -4.83 0.01	39.29 -4.96 0.01	38.36 -4.45 0.01	38.76 -5.39 0.01	41.43 -5.91 0.28	45.17 -6.68 2.04	59.57 -8.05 0.02	69.17 -8.29 0.01	60.66 -6.74 0.01	50.99 -5.92 0.01	45.98 -6.09 0.01	41.89 -4.97 0.01	38.63 -4.15 0.01	34.98 -2.88 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.01 0.29 0.00	38.44 0.27 0.00	38.53 0.38 0.00	37.40 0.41 0.00	39.37 0.43 0.00	46.42 0.69 0.00	59.51 1.17 0.00	68.22 1.34 0.00	58.36 1.37 0.00	49.29 0.87 0.00	44.72 0.83 0.00	45.19 0.93 0.00	43.68 0.86 0.00	44.91 0.75 0.00	48.57 0.95 0.00	55.19 1.29 0.00	68.86 1.22 0.00	78.63 1.16 0.00	68.48 1.08 0.00	57.95 1.02 0.00	53.13 1.04 0.00	47.58 0.70 0.00	43.05 0.26 0.00	37.86 0.00 0.00
LACHUTE____HYDRO 323717	44.39 2.67 0.00	40.73 2.56 0.00	40.70 2.56 0.00	39.33 2.33 0.00	41.56 2.61 0.00	49.07 3.34 0.00	62.83 4.49 0.00	71.76 4.88 0.00	60.70 3.70 0.00	51.23 2.81 0.00	46.52 2.63 0.00	46.47 2.21 0.00	44.80 1.97 0.00	46.24 2.08 0.00	50.19 2.57 0.00	57.45 3.56 0.00	72.57 4.93 0.00	83.12 5.65 0.00	72.73 5.32 0.00	60.85 3.92 0.00	55.78 3.70 0.00	50.06 3.19 0.00	45.66 2.87 0.00	40.24 2.39 0.00
LAWRNCALV_115KV_TB1 80681	42.63 0.92 0.00	39.09 0.92 0.00	39.14 0.99 0.00	37.96 0.96 0.00	39.96 1.01 0.00	47.02 1.28 0.00	60.21 1.87 0.00	69.02 2.14 0.00	58.93 1.94 0.00	49.68 1.26 0.00	44.98 1.10 0.00	45.41 1.15 0.00	43.90 1.07 0.00	45.18 1.02 0.00	48.86 1.24 0.00	55.46 1.56 0.00	69.06 1.42 0.00	78.39 0.93 0.00	68.42 1.01 0.00	57.78 0.85 0.00	53.18 1.09 0.00	48.05 1.17 0.00	43.64 0.86 0.00	38.54 0.68 0.00
LEDERLE____ 23769	43.97 2.25 0.00	40.19 2.02 0.00	39.94 1.79 0.00	38.77 1.78 0.00	40.89 1.95 0.00	48.21 2.47 0.00	61.38 3.03 0.00	70.29 3.41 0.00	59.61 2.62 0.00	50.94 2.52 0.00	46.34 2.46 0.00	46.78 2.52 0.00	45.31 2.48 0.00	46.90 2.74 0.00	50.48 2.86 0.00	56.97 3.07 0.00	71.49 3.86 0.00	82.27 4.80 0.00	71.18 3.77 0.00	60.11 3.19 0.00	55.31 3.23 0.00	49.64 2.77 0.00	45.48 2.70 0.00	40.13 2.27 0.00
LIGHTHSE_115KV_TB6 355974	41.09 -0.63 0.00	37.60 -0.57 0.00	37.61 -0.53 0.00	36.44 -0.55 0.00	38.40 -0.55 0.00	44.96 -0.78 0.00	57.35 -0.99 0.00	65.68 -1.20 0.00	56.02 -0.97 0.00	47.41 -1.02 0.00	42.83 -1.05 0.00	43.20 -1.06 0.00	41.80 -1.03 0.00	43.10 -1.06 0.00	46.53 -1.10 0.00	52.71 -1.19 0.00	66.29 -1.35 0.00	75.84 -1.63 0.00	66.19 -1.21 0.00	55.90 -1.02 0.00	51.04 -1.04 0.00	46.03 -0.84 0.00	41.98 -0.81 0.00	37.10 -0.76 0.00
LINDEN COGEN____ 23786	44.22 2.50 -0.01	40.35 2.17 -0.01	40.09 1.94 0.00	38.85 1.85 0.00	41.01 2.06 0.00	48.35 2.61 -0.01	61.37 3.03 0.00	70.56 3.68 0.00	59.96 2.96 0.00	52.01 3.05 -0.54	50.73 2.99 -3.86	49.09 3.05 -1.78	51.16 3.00 -5.33	51.45 3.14 -4.15	54.00 3.38 -3.00	57.36 3.45 -0.01	71.83 4.20 0.00	82.73 5.27 0.00	71.45 4.04 0.00	60.46 3.53 0.00	55.64 3.54 -0.01	49.93 3.05 -0.01	45.75 2.95 -0.01	40.32 2.46 -0.01
LINDHRST_69_KV_BK1 356055	44.34 2.63 0.00	40.54 2.37 0.00	39.90 1.75 0.00	38.88 1.89 0.00	41.05 2.10 0.00	48.34 2.61 0.00	60.04 1.81 0.11	63.84 1.94 4.98	53.39 1.37 4.97	48.13 1.36 1.65	46.24 3.29 0.93	46.07 3.10 1.29	46.30 3.73 0.26	48.40 4.06 -0.18	50.63 4.14 1.14	56.64 2.75 0.00	72.04 4.40 0.00	83.90 6.43 0.00	72.13 4.72 0.00	61.14 4.21 0.00	55.37 3.28 0.00	49.73 2.86 0.00	46.55 3.77 0.00	41.23 3.37 0.00
LIPA_MISC_IPP 23656	43.55 1.84 0.00	40.04 1.87 0.00	39.17 1.03 0.00	38.40 1.41 0.00	40.39 1.44 0.00	47.79 2.06 0.00	59.31 1.11 0.14	61.93 1.27 6.22	51.58 0.80 6.21	47.00 0.63 2.06	45.36 2.59 1.11	45.14 2.48 1.60	45.53 2.96 0.26	47.87 3.53 -0.18	49.95 3.76 1.43	55.72 1.83 0.01	71.35 3.72 0.00	83.27 5.81 0.00	70.43 3.03 0.00	60.34 3.42 0.00	54.58 2.50 0.00	48.70 1.83 0.01	46.30 3.51 0.00	41.00 3.14 0.00
LISF____SOLAR 323691	43.63 1.92 0.00	39.85 1.68 0.00	39.21 1.07 0.00	38.00 1.00 0.00	40.35 1.40 0.00	47.93 2.20 0.00	59.37 1.17 0.14	62.08 1.41 6.21	51.71 0.91 6.19	47.00 0.63 2.05	45.28 2.50 1.11	45.27 2.61 1.60	45.57 3.00 0.26	47.78 3.45 -0.18	50.00 3.81 1.43	55.77 1.89 0.01	71.42 3.79 0.00	82.88 5.42 0.00	70.57 3.17 0.00	60.45 3.53 0.00	54.63 2.55 0.00	48.70 1.83 0.01	46.25 3.46 0.00	41.07 3.22 0.00
LITTLE FALLS____HYD 24013	44.47 2.75 0.00	40.80 2.63 0.00	40.81 2.67 0.00	39.59 2.59 0.00	41.75 2.80 0.00	48.98 3.25 0.00	62.31 3.97 0.00	71.36 4.48 0.00	60.75 3.76 0.00	51.47 3.05 0.00	46.78 2.90 0.00	47.14 2.88 0.00	45.57 2.74 0.00	46.99 2.83 0.00	50.67 3.05 0.00	57.40 3.50 0.00	71.83 4.19 0.00	81.96 4.49 0.00	71.32 3.91 0.00	60.06 3.13 0.00	54.74 2.66 0.00	49.27 2.39 0.00	44.84 2.05 0.00	39.60 1.74 0.00

LITTLRIV_115KV_TB1 356100	43.09 1.38 0.00	39.51 1.34 0.00	39.59 1.45 0.00	38.37 1.37 0.00	40.43 1.48 0.00	47.61 1.88 0.00	61.03 2.68 0.00	69.89 3.01 0.00	59.56 2.56 0.00	50.02 1.60 0.00	45.20 1.32 0.00	45.68 1.42 0.00	44.15 1.33 0.00	45.44 1.28 0.00	49.19 1.57 0.00	55.94 2.05 0.00	69.80 2.16 0.00	79.32 1.86 0.00	69.29 1.89 0.00	58.52 1.59 0.00	53.80 1.72 0.00	48.61 1.73 0.00	44.07 1.28 0.00	38.92 1.06 0.00
LI_NEWBRDGE___DRP 323616	43.72 2.00 0.00	39.96 1.79 0.00	39.44 1.30 0.00	38.40 1.41 0.00	40.50 1.56 0.00	47.70 1.97 0.00	59.59 1.40 0.15	61.81 1.61 6.68	51.47 1.14 6.66	47.57 1.36 2.20	45.91 3.20 1.18	45.60 3.05 1.72	46.00 3.43 0.26	48.00 3.67 -0.18	49.94 3.86 1.54	56.04 2.16 0.01	71.15 3.52 0.01	82.65 5.19 0.01	71.17 3.77 0.01	60.22 3.30 0.01	54.63 2.55 0.01	49.02 2.16 0.01	45.78 3.00 0.00	40.54 2.69 0.00
LOCKPORT_115KV_TB60_63_64 80432	39.67 -2.04 0.00	36.26 -1.91 0.00	36.24 -1.91 0.00	35.00 -2.00 0.00	36.61 -2.34 0.00	40.52 -5.21 0.00	50.64 -7.70 0.00	58.79 -8.09 0.00	50.49 -6.50 0.00	42.89 -5.52 0.01	38.17 -5.71 0.01	38.49 -5.75 0.01	37.55 -5.27 0.01	38.14 -6.01 0.01	40.70 -6.57 0.35	44.34 -7.11 2.44	58.56 -9.06 0.02	67.77 -9.68 0.01	59.44 -7.95 0.01	50.08 -6.83 0.01	45.25 -6.82 0.01	41.14 -5.72 0.01	37.94 -4.84 0.01	34.41 -3.44 0.00
LOCKPORT___CC1 323769	39.67 -2.04 0.00	36.34 -1.83 0.00	36.20 -1.94 0.00	35.33 -1.66 0.00	36.57 -2.38 0.00	40.70 -5.03 0.00	50.87 -7.47 0.00	58.78 -8.09 0.00	50.49 -6.50 0.00	42.89 -5.52 0.01	38.21 -5.66 0.01	38.45 -5.80 0.01	37.54 -5.27 0.01	38.67 -5.48 0.01	40.69 -6.57 0.36	44.22 -7.17 2.51	58.56 -9.06 0.02	67.84 -9.61 0.01	59.44 -7.95 0.01	50.08 -6.83 0.01	45.25 -6.82 0.01	41.09 -5.77 0.01	37.98 -4.79 0.01	34.37 -3.48 0.00
LOCKPORT___CC2 323770	39.67 -2.04 0.00	36.34 -1.83 0.00	36.20 -1.94 0.00	35.33 -1.66 0.00	36.57 -2.38 0.00	40.70 -5.03 0.00	50.87 -7.47 0.00	58.78 -8.09 0.00	50.49 -6.50 0.00	42.89 -5.52 0.01	38.21 -5.66 0.01	38.45 -5.80 0.01	37.54 -5.27 0.01	38.67 -5.48 0.01	40.69 -6.57 0.36	44.22 -7.17 2.51	58.56 -9.06 0.02	67.84 -9.61 0.01	59.44 -7.95 0.01	50.08 -6.83 0.01	45.25 -6.82 0.01	41.09 -5.77 0.01	37.98 -4.79 0.01	34.37 -3.48 0.00
LOCKPORT___CC3 323771	39.67 -2.04 0.00	36.34 -1.83 0.00	36.20 -1.94 0.00	35.33 -1.66 0.00	36.57 -2.38 0.00	40.70 -5.03 0.00	50.87 -7.47 0.00	58.78 -8.09 0.00	50.49 -6.50 0.00	42.89 -5.52 0.01	38.21 -5.66 0.01	38.45 -5.80 0.01	37.54 -5.27 0.01	38.67 -5.48 0.01	40.69 -6.57 0.36	44.22 -7.17 2.51	58.56 -9.06 0.02	67.84 -9.61 0.01	59.44 -7.95 0.01	50.08 -6.83 0.01	45.25 -6.82 0.01	41.09 -5.77 0.01	37.98 -4.79 0.01	34.37 -3.48 0.00
LOCUSVLY_69_KV_BK2 55797	44.13 2.42 0.00	40.31 2.14 0.00	39.82 1.68 0.00	38.74 1.74 0.00	40.89 1.95 0.00	48.11 2.38 0.00	60.37 2.10 0.07	66.21 2.41 3.08	55.74 1.82 3.07	49.32 1.94 1.04	46.50 3.29 0.68	46.62 3.19 0.83	46.04 3.47 0.26	48.05 3.71 -0.18	50.81 3.91 0.71	56.70 2.80 0.00	71.77 4.13 -0.01	83.20 5.73 -0.01	71.66 4.25 -0.01	60.63 3.70 -0.01	55.16 3.07 0.00	49.55 2.67 0.00	46.08 3.29 0.00	40.73 2.88 0.00
LONG_LAKE_PHOENIX 24014	40.50 -1.21 0.00	37.02 -1.15 0.00	37.00 -1.14 0.00	35.89 -1.11 0.00	37.74 -1.21 0.00	44.23 -1.51 0.00	56.36 -1.98 0.00	64.67 -2.21 0.00	55.23 -1.77 0.00	46.92 -1.50 0.00	42.39 -1.49 0.00	42.76 -1.50 0.00	41.41 -1.41 0.00	42.70 -1.46 0.00	46.00 -1.62 0.00	52.06 -1.83 0.00	65.47 -2.16 0.00	75.14 -2.32 0.00	65.45 -1.95 0.00	55.28 -1.65 0.00	50.37 -1.72 0.00	45.37 -1.50 0.00	41.42 -1.37 0.00	36.68 -1.17 0.00
LOVETT___3 23632	43.80 2.09 0.00	40.04 1.87 0.00	39.78 1.64 0.00	38.63 1.63 0.00	40.74 1.79 0.00	48.02 2.29 0.00	61.08 2.74 0.00	69.96 3.08 0.00	59.33 2.34 0.00	50.79 2.37 0.00	46.21 2.33 0.00	46.61 2.35 0.00	45.18 2.36 0.00	46.72 2.56 0.00	50.29 2.67 0.00	56.70 2.80 0.00	71.16 3.52 0.00	81.88 4.42 0.00	70.78 3.37 0.00	59.83 2.90 0.00	55.05 2.97 0.00	49.45 2.58 0.00	45.31 2.52 0.00	39.98 2.12 0.00
LOVETT___4 23642	43.80 2.09 0.00	40.04 1.87 0.00	39.78 1.64 0.00	38.63 1.63 0.00	40.74 1.79 0.00	48.02 2.29 0.00	61.08 2.74 0.00	69.96 3.08 0.00	59.33 2.34 0.00	50.79 2.37 0.00	46.21 2.33 0.00	46.61 2.35 0.00	45.18 2.36 0.00	46.72 2.56 0.00	50.29 2.67 0.00	56.70 2.80 0.00	71.16 3.52 0.00	81.88 4.42 0.00	70.78 3.37 0.00	59.83 2.90 0.00	55.05 2.97 0.00	49.45 2.58 0.00	45.31 2.52 0.00	39.98 2.12 0.00
LOVETT___5 23593	43.80 2.09 0.00	40.04 1.87 0.00	39.78 1.64 0.00	38.63 1.63 0.00	40.74 1.79 0.00	48.02 2.29 0.00	61.08 2.74 0.00	69.96 3.08 0.00	59.33 2.34 0.00	50.79 2.37 0.00	46.21 2.33 0.00	46.61 2.35 0.00	45.18 2.36 0.00	46.72 2.56 0.00	50.29 2.67 0.00	56.70 2.80 0.00	71.16 3.52 0.00	81.88 4.42 0.00	70.78 3.37 0.00	59.83 2.90 0.00	55.05 2.97 0.00	49.45 2.58 0.00	45.31 2.52 0.00	39.98 2.12 0.00
LOWER RAQUET___HYD 24057	42.67 0.96 0.00	39.12 0.95 0.00	39.17 1.03 0.00	38.00 1.00 0.00	40.00 1.05 0.00	47.06 1.33 0.00	60.33 1.98 0.00	69.08 2.20 0.00	58.99 1.99 0.00	49.68 1.26 0.00	44.98 1.10 0.00	45.41 1.15 0.00	43.90 1.07 0.00	45.18 1.02 0.00	48.86 1.24 0.00	55.51 1.62 0.00	69.06 1.42 0.00	78.40 0.93 0.00	68.35 0.94 0.00	57.72 0.80 0.00	53.18 1.10 0.00	48.09 1.22 0.00	43.64 0.86 0.00	38.57 0.72 0.00
LOWER___HUDSON 24059	42.59 0.88 0.00	39.01 0.84 0.00	38.98 0.84 0.00	37.78 0.78 0.00	39.88 0.93 0.00	47.11 1.37 0.00	60.09 1.75 0.00	68.82 1.94 0.00	58.53 1.54 0.00	49.73 1.31 0.00	45.20 1.32 0.00	45.50 1.24 0.00	43.98 1.16 0.00	45.26 1.10 0.00	48.95 1.33 0.00	55.57 1.67 0.00	69.80 2.16 0.00	79.94 2.48 0.00	69.56 2.16 0.00	58.63 1.71 0.00	53.75 1.67 0.00	48.37 1.50 0.00	44.20 1.41 0.00	39.07 1.21 0.00
LOWVILLE_115KV_TB2 356335	42.30 0.58 0.00	38.82 0.65 0.00	38.91 0.76 0.00	37.63 0.63 0.00	39.76 0.82 0.00	46.70 0.96 0.00	59.80 1.46 0.00	68.48 1.61 0.00	58.19 1.20 0.00	48.95 0.53 0.00	43.80 -0.09 0.00	44.22 -0.04 0.00	42.74 -0.09 0.00	44.07 -0.09 0.00	47.72 0.10 0.00	54.33 0.43 0.00	68.18 0.54 0.00	77.77 0.31 0.00	67.94 0.54 0.00	57.27 0.34 0.00	52.35 0.26 0.00	47.30 0.42 0.00	42.87 0.09 0.00	37.86 0.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.01 1.29 0.00	39.43 1.26 0.00	39.40 1.26 0.00	38.18 1.18 0.00	40.23 1.29 0.00	47.52 1.78 0.00	60.62 2.28 0.00	69.35 2.47 0.00	58.87 1.88 0.00	49.97 1.55 0.00	45.38 1.49 0.00	45.59 1.33 0.00	44.07 1.24 0.00	45.53 1.37 0.00	49.15 1.52 0.00	55.89 1.99 0.00	70.34 2.71 0.00	80.48 3.02 0.00	70.10 2.70 0.00	59.03 2.11 0.00	54.06 1.98 0.00	48.66 1.78 0.00	44.41 1.63 0.00	39.26 1.40 0.00

LUTHERNY_35_KV_BK2 355980	43.05 1.33 0.00	39.43 1.26 0.00	39.40 1.26 0.00	38.18 1.18 0.00	40.27 1.32 0.00	47.52 1.78 0.00	60.68 2.33 0.00	69.35 2.47 0.00	58.93 1.94 0.00	49.97 1.55 0.00	45.42 1.54 0.00	45.63 1.37 0.00	44.07 1.24 0.00	45.53 1.37 0.00	49.19 1.57 0.00	55.94 2.05 0.00	70.41 2.77 0.00	80.48 3.02 0.00	70.17 2.76 0.00	59.03 2.11 0.00	54.12 2.03 0.00	48.66 1.78 0.00	44.46 1.67 0.00	39.26 1.40 0.00
LWR___OSWEGATCHIE_HYD 23850	42.38 0.67 0.00	38.86 0.69 0.00	38.95 0.80 0.00	37.70 0.70 0.00	39.76 0.82 0.00	46.65 0.91 0.00	59.74 1.40 0.00	68.48 1.61 0.00	58.30 1.31 0.00	49.15 0.73 0.00	44.28 0.39 0.00	44.70 0.44 0.00	43.21 0.39 0.00	44.51 0.35 0.00	48.19 0.57 0.00	54.81 0.92 0.00	68.31 0.68 0.00	77.70 0.23 0.00	67.88 0.47 0.00	57.27 0.34 0.00	52.55 0.47 0.00	47.62 0.75 0.00	43.17 0.39 0.00	38.12 0.26 0.00
LYONS_FALL_HYD 23570	42.34 0.63 0.00	38.82 0.65 0.00	38.87 0.72 0.00	37.59 0.59 0.00	39.68 0.74 0.00	46.65 0.91 0.00	59.68 1.34 0.00	68.35 1.47 0.00	58.13 1.14 0.00	49.01 0.58 0.00	44.06 0.18 0.00	44.48 0.22 0.00	43.00 0.17 0.00	44.38 0.22 0.00	48.00 0.38 0.00	54.54 0.65 0.00	68.52 0.88 0.00	78.24 0.77 0.00	68.22 0.81 0.00	57.50 0.57 0.00	52.50 0.41 0.00	47.39 0.52 0.00	43.05 0.26 0.00	38.05 0.19 0.00
MADISON___COUNTY_LFGE 323628	42.47 0.75 0.00	38.86 0.69 0.00	38.91 0.76 0.00	37.66 0.67 0.00	39.72 0.78 0.00	46.70 0.96 0.00	59.62 1.28 0.00	68.35 1.47 0.00	58.19 1.20 0.00	49.15 0.73 0.00	44.46 0.57 0.00	44.84 0.58 0.00	43.38 0.56 0.00	44.82 0.66 0.00	48.43 0.81 0.00	54.92 1.02 0.00	69.13 1.49 0.00	78.94 1.47 0.00	68.75 1.35 0.00	57.95 1.02 0.00	52.87 0.78 0.00	47.62 0.75 0.00	43.34 0.56 0.00	38.31 0.45 0.00
MALONE___115KV_TB1 356076	42.26 0.54 0.00	38.70 0.53 0.00	38.79 0.65 0.00	37.66 0.67 0.00	39.65 0.70 0.00	46.74 1.01 0.00	59.92 1.58 0.00	68.69 1.81 0.00	58.82 1.82 0.00	49.63 1.21 0.00	44.98 1.10 0.00	45.46 1.20 0.00	43.90 1.07 0.00	45.13 0.97 0.00	48.86 1.24 0.00	55.46 1.56 0.00	69.13 1.49 0.00	78.70 1.24 0.00	68.69 1.28 0.00	58.07 1.14 0.00	53.28 1.20 0.00	47.81 0.94 0.00	43.30 0.51 0.00	38.12 0.26 0.00
MAPLEWOD_115KV_TB3 80458	42.51 0.79 0.00	38.97 0.80 0.00	38.91 0.76 0.00	37.74 0.74 0.00	39.72 0.78 0.00	46.92 1.19 0.00	59.80 1.46 0.00	68.42 1.54 0.00	58.25 1.25 0.00	49.54 1.11 0.00	44.98 1.10 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.22 1.06 0.00	48.81 1.19 0.00	55.35 1.46 0.00	69.53 1.89 0.00	79.56 2.09 0.00	69.23 1.82 0.00	58.35 1.42 0.00	53.49 1.41 0.00	48.14 1.27 0.00	43.99 1.20 0.00	38.92 1.06 0.00
MAPLE_RIDGE_WT_1 323574	41.26 -0.46 0.00	37.86 -0.31 0.00	37.92 -0.23 0.00	36.74 -0.26 0.00	38.59 -0.35 0.00	45.32 -0.41 0.00	57.82 -0.53 0.00	66.34 -0.54 0.00	56.60 -0.40 0.00	47.94 -0.48 0.00	43.36 -0.52 0.00	43.68 -0.58 0.00	42.19 -0.64 0.00	43.45 -0.71 0.00	46.86 -0.76 0.00	53.03 -0.86 0.00	66.49 -1.15 0.00	76.07 -1.39 0.00	66.19 -1.21 0.00	55.90 -1.02 0.00	51.09 -0.99 0.00	45.84 -1.03 0.00	41.76 -1.03 0.00	36.91 -0.94 0.00
MAPLE_RIDGE_WT_2 323611	41.26 -0.46 0.00	37.86 -0.31 0.00	37.92 -0.23 0.00	36.74 -0.26 0.00	38.59 -0.35 0.00	45.32 -0.41 0.00	57.82 -0.53 0.00	66.34 -0.54 0.00	56.60 -0.40 0.00	47.94 -0.48 0.00	43.36 -0.52 0.00	43.68 -0.58 0.00	42.19 -0.64 0.00	43.45 -0.71 0.00	46.86 -0.76 0.00	53.03 -0.86 0.00	66.49 -1.15 0.00	76.07 -1.39 0.00	66.19 -1.21 0.00	55.90 -1.02 0.00	51.09 -0.99 0.00	45.84 -1.03 0.00	41.76 -1.03 0.00	36.91 -0.94 0.00
MARBLE_RIVER_WT_PWR 323696	41.59 -0.12 0.00	38.13 -0.04 0.00	38.18 0.04 0.00	37.07 0.07 0.00	39.06 0.12 0.00	45.97 0.23 0.00	58.87 0.52 0.00	67.48 0.60 0.00	57.62 0.63 0.00	48.81 0.39 0.00	44.33 0.44 0.00	44.79 0.53 0.00	43.30 0.47 0.00	44.51 0.35 0.00	48.15 0.52 0.00	54.59 0.70 0.00	68.18 0.54 0.00	77.85 0.39 0.00	67.81 0.41 0.00	57.33 0.40 0.00	52.55 0.47 0.00	47.06 0.19 0.00	42.62 -0.17 0.00	37.52 -0.34 0.00
MARSHVLE_115KV_TB1 80742	41.84 0.13 0.00	38.32 0.15 0.00	38.30 0.15 0.00	37.07 0.07 0.00	39.18 0.23 0.00	46.33 0.59 0.00	59.10 0.76 0.00	68.62 1.74 0.00	57.39 0.40 0.00	47.79 -0.63 0.00	43.45 -0.44 0.00	43.46 -0.80 0.00	41.97 -0.86 0.00	43.67 -0.49 0.00	47.86 0.24 0.00	54.16 0.27 0.00	68.38 0.74 0.00	78.32 0.85 0.00	68.42 1.01 0.00	57.50 0.57 0.00	52.55 0.47 0.00	47.39 0.52 0.00	43.09 0.30 0.00	37.93 0.08 0.00
MARSH_HILL_WT_PWR 323713	39.80 -1.92 0.00	36.49 -1.68 0.00	36.35 -1.79 0.00	35.37 -1.63 0.00	36.77 -2.18 0.00	41.76 -3.98 0.00	52.56 -5.78 0.00	60.26 -6.62 0.00	51.24 -5.75 0.00	43.05 -5.33 0.04	38.62 -5.22 0.04	38.64 -5.58 0.04	37.56 -5.23 0.04	38.55 -5.57 0.04	40.70 -5.76 1.16	39.12 -6.52 8.26	59.26 -8.32 0.06	68.36 -9.06 0.04	59.82 -7.55 0.04	50.39 -6.49 0.05	45.68 -6.36 0.05	41.15 -5.67 0.05	37.60 -5.14 0.05	33.69 -4.16 0.00
MCINTYRE_115KV_TB2 80467	43.26 1.54 0.00	39.70 1.53 0.00	39.78 1.64 0.00	38.51 1.52 0.00	40.62 1.67 0.00	47.84 2.10 0.00	61.32 2.98 0.00	70.22 3.34 0.00	59.67 2.68 0.00	50.02 1.60 0.00	45.25 1.36 0.00	45.68 1.42 0.00	44.15 1.33 0.00	45.44 1.28 0.00	49.19 1.57 0.00	56.00 2.10 0.00	70.01 2.37 0.00	79.86 2.40 0.00	69.83 2.43 0.00	58.92 1.99 0.00	54.12 2.03 0.00	48.80 1.92 0.00	44.24 1.45 0.00	39.11 1.25 0.00
MECO_____69_KV_BK1 80468	42.97 1.25 0.00	39.35 1.18 0.00	39.33 1.18 0.00	38.03 1.04 0.00	40.19 1.25 0.00	47.52 1.78 0.00	60.73 2.39 0.00	69.96 3.08 0.00	58.59 1.60 0.00	48.91 0.48 0.00	44.28 0.39 0.00	44.17 -0.09 0.00	42.70 -0.13 0.00	44.43 0.26 0.00	48.67 1.05 0.00	55.51 1.62 0.00	70.28 2.64 0.00	80.56 3.10 0.00	70.37 2.97 0.00	59.09 2.16 0.00	54.01 1.93 0.00	48.61 1.73 0.00	44.20 1.41 0.00	38.95 1.10 0.00
MENANDS___115KV_TB5 355628	42.34 0.63 0.00	38.82 0.65 0.00	38.75 0.61 0.00	37.63 0.63 0.00	39.57 0.62 0.00	46.74 1.01 0.00	59.57 1.23 0.00	68.15 1.27 0.00	58.02 1.03 0.00	49.34 0.92 0.00	44.85 0.97 0.00	45.15 0.89 0.00	43.68 0.86 0.00	45.09 0.93 0.00	48.67 1.05 0.00	55.13 1.24 0.00	69.26 1.62 0.00	79.25 1.78 0.00	68.89 1.48 0.00	58.12 1.20 0.00	53.28 1.20 0.00	47.95 1.08 0.00	43.82 1.03 0.00	38.80 0.95 0.00
MG INDUSTRY___DRP 24185	42.59 0.88 0.00	39.01 0.84 0.00	38.98 0.84 0.00	37.81 0.81 0.00	39.80 0.86 0.00	46.88 1.14 0.00	59.68 1.34 0.00	68.28 1.40 0.00	58.02 1.03 0.00	49.34 0.92 0.00	44.76 0.88 0.00	45.01 0.75 0.00	43.51 0.69 0.00	45.00 0.84 0.00	48.57 0.95 0.00	55.13 1.24 0.00	69.26 1.62 0.00	79.25 1.78 0.00	69.02 1.62 0.00	58.24 1.31 0.00	53.39 1.30 0.00	48.05 1.17 0.00	43.90 1.11 0.00	38.84 0.98 0.00

MID___OSWEGATCHIE_HYD 23849	42.38 0.67 0.00	38.86 0.69 0.00	38.95 0.80 0.00	37.70 0.70 0.00	39.76 0.82 0.00	46.65 0.91 0.00	59.74 1.40 0.00	68.48 1.61 0.00	58.30 1.31 0.00	49.15 0.73 0.00	44.28 0.39 0.00	44.70 0.44 0.00	43.21 0.39 0.00	44.51 0.35 0.00	48.19 0.57 0.00	54.81 0.92 0.00	68.31 0.68 0.00	77.70 0.23 0.00	67.88 0.47 0.00	57.27 0.34 0.00	52.55 0.47 0.00	47.62 0.75 0.00	43.17 0.39 0.00	38.12 0.26 0.00
MID___RAQUETTE_HYD 23851	42.67 0.96 0.00	39.12 0.95 0.00	39.17 1.03 0.00	38.00 1.00 0.00	40.00 1.05 0.00	47.06 1.33 0.00	60.33 1.98 0.00	69.09 2.21 0.00	58.99 1.99 0.00	49.73 1.31 0.00	44.98 1.10 0.00	45.46 1.20 0.00	43.90 1.07 0.00	45.18 1.02 0.00	48.86 1.24 0.00	55.51 1.62 0.00	69.06 1.42 0.00	78.32 0.85 0.00	68.35 0.94 0.00	57.72 0.80 0.00	53.18 1.09 0.00	48.09 1.22 0.00	43.64 0.86 0.00	38.58 0.72 0.00
MILLIKEN___1 23584	41.96 0.25 0.00	38.36 0.19 0.00	38.33 0.19 0.00	37.18 0.18 0.00	39.14 0.19 0.00	45.78 0.05 0.00	58.40 0.06 0.00	67.08 0.20 0.00	57.11 0.11 0.00	48.36 -0.10 -0.03	43.61 -0.31 -0.03	43.98 -0.31 -0.03	42.60 -0.26 -0.03	43.97 -0.22 -0.03	48.30 -0.19 -0.87	59.90 -0.16 -6.17	67.75 0.07 -0.04	77.88 0.39 -0.03	67.84 0.40 -0.03	57.25 0.28 -0.04	52.17 0.05 -0.04	46.96 0.05 -0.04	42.78 -0.04 -0.04	37.78 -0.08 0.00
MILLIKEN___2 23585	41.96 0.25 0.00	38.36 0.19 0.00	38.33 0.19 0.00	37.18 0.18 0.00	39.14 0.19 0.00	45.78 0.05 0.00	58.40 0.06 0.00	67.08 0.20 0.00	57.11 0.11 0.00	48.36 -0.10 -0.03	43.61 -0.31 -0.03	43.98 -0.31 -0.03	42.60 -0.26 -0.03	43.97 -0.22 -0.03	48.30 -0.19 -0.87	59.90 -0.16 -6.17	67.75 0.07 -0.04	77.88 0.39 -0.03	67.84 0.40 -0.03	57.25 0.28 -0.04	52.17 0.05 -0.04	46.96 0.05 -0.04	42.78 -0.04 -0.04	37.78 -0.08 0.00
MILLIKEN___DIESEL 23629	41.96 0.25 0.00	38.36 0.19 0.00	38.33 0.19 0.00	37.18 0.18 0.00	39.14 0.19 0.00	45.78 0.05 0.00	58.40 0.06 0.00	67.08 0.20 0.00	57.11 0.11 0.00	48.36 -0.10 -0.03	43.61 -0.31 -0.03	43.98 -0.31 -0.03	42.60 -0.26 -0.03	43.97 -0.22 -0.03	48.30 -0.19 -0.87	59.90 -0.16 -6.17	67.75 0.07 -0.04	77.88 0.39 -0.03	67.84 0.40 -0.03	57.25 0.28 -0.04	52.17 0.05 -0.04	46.96 0.05 -0.04	42.78 -0.04 -0.04	37.78 -0.08 0.00
MILLSEAT___LFGE 323607	40.34 -1.38 0.00	36.95 -1.22 0.00	36.81 -1.34 0.00	35.89 -1.11 0.00	37.23 -1.71 0.00	41.71 -4.03 0.00	52.33 -6.01 0.00	60.46 -6.42 0.00	52.09 -4.90 0.00	44.15 -4.26 0.01	39.22 -4.65 0.01	39.51 -4.74 0.01	38.57 -4.24 0.01	39.69 -4.46 0.01	41.92 -5.38 0.33	45.85 -5.77 2.28	60.39 -7.24 0.01	70.09 -7.36 0.01	61.39 -6.00 0.01	51.62 -5.29 0.01	46.60 -5.47 0.01	42.27 -4.59 0.01	38.88 -3.89 0.01	35.13 -2.73 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.88 2.17 0.00	40.12 1.95 0.00	39.86 1.72 0.00	38.66 1.66 0.00	40.78 1.83 0.00	48.07 2.33 0.00	61.08 2.74 0.00	70.02 3.14 0.00	59.44 2.45 0.00	50.91 2.47 -0.01	46.41 2.41 -0.10	46.79 2.48 -0.05	45.41 2.44 -0.14	46.92 2.65 -0.11	50.51 2.81 -0.08	56.86 2.96 0.00	71.29 3.65 0.00	82.03 4.57 0.00	70.91 3.51 0.00	59.94 3.02 0.00	55.11 3.02 0.00	49.50 2.62 0.00	45.40 2.61 0.00	40.01 2.16 0.00
MILLWOOD_13_KV_LOAD 356217	43.97 2.25 0.00	40.19 2.02 0.00	39.94 1.79 0.00	38.74 1.74 0.00	40.85 1.91 0.00	48.16 2.42 0.00	61.20 2.86 0.00	70.16 3.28 0.00	59.56 2.56 0.00	51.00 2.57 -0.01	46.45 2.46 -0.10	46.83 2.52 -0.05	45.50 2.53 -0.14	47.01 2.74 -0.11	50.61 2.90 -0.08	56.97 3.07 0.00	71.43 3.79 0.00	82.19 4.73 0.00	71.05 3.64 0.00	60.06 3.13 0.00	55.21 3.13 0.00	49.59 2.72 0.00	45.44 2.65 0.00	40.05 2.20 0.00
MODEL_CITY_ENERGY 24167	39.42 -2.29 0.00	36.15 -2.02 0.00	36.01 -2.14 0.00	35.19 -1.81 0.00	36.37 -2.57 0.00	40.29 -5.44 0.00	50.35 -7.99 0.00	58.19 -8.69 0.00	50.04 -6.96 0.00	42.50 -5.91 0.01	37.86 -6.01 0.01	38.05 -6.20 0.01	37.20 -5.61 0.01	38.27 -5.87 0.01	40.26 -7.00 0.36	43.85 -7.55 2.50	57.95 -9.67 0.02	67.15 -10.30 0.01	58.83 -8.56 0.01	49.57 -7.34 0.01	44.78 -7.29 0.01	40.67 -6.19 0.01	37.64 -5.14 0.01	34.15 -3.71 0.00
MODERN_LFGE___ 323580	39.42 -2.29 0.00	36.15 -2.02 0.00	36.01 -2.14 0.00	35.19 -1.81 0.00	36.37 -2.57 0.00	40.29 -5.44 0.00	50.35 -7.99 0.00	58.19 -8.69 0.00	50.04 -6.96 0.00	42.50 -5.91 0.01	37.86 -6.01 0.01	38.05 -6.20 0.01	37.20 -5.61 0.01	38.27 -5.87 0.01	40.26 -7.00 0.36	43.85 -7.55 2.50	57.95 -9.67 0.02	67.15 -10.30 0.01	58.83 -8.56 0.01	49.57 -7.34 0.01	44.78 -7.29 0.01	40.67 -6.19 0.01	37.64 -5.14 0.01	34.15 -3.71 0.00
MOHAWK_PAPER___DRP 24187	42.51 0.79 0.00	38.97 0.80 0.00	38.91 0.76 0.00	37.74 0.74 0.00	39.72 0.78 0.00	46.92 1.19 0.00	59.80 1.46 0.00	68.42 1.54 0.00	58.25 1.25 0.00	49.54 1.11 0.00	44.98 1.10 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.22 1.06 0.00	48.81 1.19 0.00	55.35 1.46 0.00	69.53 1.89 0.00	79.56 2.09 0.00	69.23 1.82 0.00	58.35 1.42 0.00	53.49 1.41 0.00	48.14 1.27 0.00	43.99 1.20 0.00	38.92 1.06 0.00
MOHICAN___35_KV_115KV_LD 80490	43.01 1.29 0.00	39.43 1.26 0.00	39.40 1.26 0.00	38.14 1.15 0.00	40.23 1.29 0.00	47.52 1.78 0.00	60.73 2.39 0.00	69.49 2.61 0.00	58.93 1.94 0.00	49.92 1.50 0.00	45.38 1.49 0.00	45.50 1.24 0.00	43.94 1.11 0.00	45.35 1.19 0.00	49.00 1.38 0.00	55.83 1.94 0.00	70.34 2.71 0.00	80.41 2.94 0.00	70.17 2.76 0.00	58.92 1.99 0.00	54.06 1.98 0.00	48.61 1.73 0.00	44.41 1.63 0.00	39.22 1.36 0.00
MONGAUP___HYD 23641	43.84 2.13 0.00	40.04 1.87 0.00	39.86 1.72 0.00	38.66 1.67 0.00	40.78 1.83 0.00	48.02 2.29 0.00	61.20 2.86 0.00	69.96 3.08 0.00	59.16 2.17 0.00	50.36 1.94 0.00	45.69 1.80 0.00	46.08 1.82 0.00	44.58 1.76 0.00	46.06 1.90 0.00	49.77 2.14 0.00	56.26 2.37 0.00	70.88 3.25 0.00	81.64 4.18 0.00	70.98 3.57 0.00	59.88 2.96 0.00	55.10 3.02 0.00	49.50 2.62 0.00	45.18 2.39 0.00	39.86 2.01 0.00
MONTAUK___DIESEL 23721	43.22 1.50 0.00	39.77 1.60 0.00	38.87 0.72 0.00	38.14 1.15 0.00	40.15 1.21 0.00	47.66 1.92 0.00	58.73 0.53 0.14	61.20 0.54 6.22	50.90 0.11 6.20	46.08 -0.29 2.05	44.75 1.97 1.11	44.38 1.73 1.60	45.01 2.44 0.26	47.56 3.22 -0.18	49.76 3.57 1.43	55.51 1.62 0.01	71.49 3.86 0.00	83.73 6.27 0.00	70.64 3.24 0.00	60.74 3.81 0.00	54.79 2.71 0.00	48.84 1.97 0.01	46.47 3.68 0.00	41.30 3.44 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.80 -1.92 0.00	36.34 -1.83 0.00	36.16 -1.98 0.00	34.89 -2.11 0.00	36.38 -2.57 0.00	40.70 -5.03 0.00	50.93 -7.41 0.00	58.72 -8.16 0.00	49.93 -7.07 0.00	42.26 -6.15 0.02	38.16 -5.71 0.02	38.49 -5.75 0.02	37.24 -5.57 0.02	38.40 -5.74 0.02	40.75 -6.43 0.45	43.41 -7.33 3.16	58.62 -9.00 0.02	67.38 -10.07 0.02	58.83 -8.56 0.02	49.45 -7.46 0.02	45.04 -7.03 0.02	40.58 -6.28 0.02	37.34 -5.43 0.02	33.47 -4.39 0.00

MORRIS RIDGE___SOLAR 323848	39.88 -1.83 0.00	36.57 -1.60 0.00	36.43 -1.72 0.00	35.48 -1.52 0.00	36.80 -2.14 0.00	41.71 -4.03 0.00	52.45 -5.89 0.00	60.26 -6.62 0.00	51.24 -5.75 0.00	43.21 -5.18 0.03	38.81 -5.05 0.03	38.97 -5.27 0.03	37.92 -4.88 0.03	38.97 -5.17 0.03	41.49 -5.38 0.75	42.50 -6.04 5.36	59.89 -7.71 0.04	69.15 -8.29 0.03	60.44 -6.94 0.03	50.92 -5.98 0.03	46.27 -5.78 0.03	41.74 -5.11 0.03	38.22 -4.54 0.03	34.26 -3.60 0.00
MORTIMER_115KV_TB3 55949	40.55 -1.17 0.00	37.02 -1.15 0.00	37.00 -1.14 0.00	35.78 -1.22 0.00	37.54 -1.40 0.00	42.95 -2.79 0.00	54.26 -4.08 0.00	62.67 -4.21 0.00	53.92 -3.08 0.00	45.80 -2.61 0.01	40.81 -3.07 0.01	41.15 -3.10 0.01	40.12 -2.70 0.01	40.71 -3.44 0.01	43.69 -3.71 0.22	48.16 -4.20 1.53	62.69 -4.94 0.01	72.58 -4.88 0.01	63.49 -3.91 0.01	53.33 -3.59 0.01	48.22 -3.85 0.01	43.77 -3.09 0.01	40.08 -2.70 0.01	36.00 -1.85 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.25 2.54 0.00	40.42 2.25 0.00	40.13 1.98 0.00	38.96 1.96 0.00	41.09 2.14 0.00	48.43 2.70 0.00	61.49 3.15 0.00	70.49 3.61 0.00	59.90 2.91 0.00	50.96 2.86 0.32	44.43 2.81 2.27	46.09 2.88 1.05	42.52 2.83 3.13	44.77 3.05 2.44	49.10 3.24 1.76	57.28 3.40 0.01	71.83 4.19 0.00	82.73 5.27 0.00	71.45 4.04 0.00	60.40 3.47 0.00	55.57 3.49 0.01	49.91 3.05 0.01	45.78 3.00 0.01	40.35 2.50 0.00
MUNSVILLE_WIND_PWR 323609	43.88 2.17 0.00	40.31 2.14 0.00	40.36 2.21 0.00	39.03 2.03 0.00	41.24 2.30 0.00	48.34 2.61 0.00	61.72 3.38 0.00	70.62 3.74 0.00	59.90 2.91 0.00	49.94 1.50 -0.02	45.13 1.23 -0.02	45.52 1.24 -0.02	44.13 1.28 -0.02	45.55 1.37 -0.02	49.89 1.81 -0.46	59.53 2.37 -3.26	71.04 3.38 -0.02	81.51 4.03 -0.02	70.92 3.50 -0.02	59.51 2.56 -0.02	53.98 1.87 -0.02	48.39 1.50 -0.02	43.75 0.94 -0.02	38.54 0.68 0.00
N SALMON___HYD 24042	42.26 0.54 0.00	38.70 0.53 0.00	38.79 0.65 0.00	37.66 0.67 0.00	39.65 0.70 0.00	46.74 1.00 0.00	59.92 1.58 0.00	68.69 1.81 0.00	58.82 1.82 0.00	49.63 1.21 0.00	44.98 1.10 0.00	45.46 1.20 0.00	43.90 1.07 0.00	45.13 0.97 0.00	48.86 1.24 0.00	55.46 1.56 0.00	69.12 1.49 0.00	78.78 1.32 0.00	68.68 1.28 0.00	58.06 1.14 0.00	53.28 1.20 0.00	47.81 0.94 0.00	43.30 0.52 0.00	38.12 0.27 0.00
N.AKRON__115KV_KNAPP 355671	40.25 -1.46 0.00	36.80 -1.37 0.00	36.77 -1.37 0.00	35.48 -1.52 0.00	37.19 -1.75 0.00	41.44 -4.30 0.00	51.92 -6.42 0.00	60.26 -6.62 0.00	51.92 -5.07 0.00	44.00 -4.41 0.01	39.09 -4.78 0.01	39.42 -4.82 0.01	38.45 -4.37 0.01	39.02 -5.12 0.01	41.77 -5.52 0.33	45.65 -5.93 2.32	60.12 -7.51 0.01	69.70 -7.75 0.01	61.12 -6.27 0.01	51.45 -5.46 0.01	46.45 -5.63 0.01	42.17 -4.69 0.01	38.75 -4.02 0.01	35.06 -2.80 0.00
N.E_GEN_SANDY PD 24062	42.47 0.75 0.00	38.93 0.76 0.00	38.87 0.72 0.00	37.74 0.74 0.00	39.63 0.90 0.21	45.80 1.46 1.40	74.00 1.87 -13.79	82.00 2.00 -13.12	59.70 1.65 -1.05	49.87 1.45 0.00	49.58 1.45 -4.25	46.57 1.42 -0.89	45.20 1.37 -1.00	45.40 1.23 0.00	49.10 1.48 0.00	58.20 1.78 -2.53	75.20 2.23 -5.33	94.70 2.55 -14.68	87.50 2.22 -17.87	74.70 1.82 -15.95	63.00 1.77 -9.14	49.91 1.64 -1.40	46.10 1.54 -1.77	45.90 1.36 -6.68
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.84 2.13 0.00	40.08 1.91 0.00	39.82 1.68 0.00	38.66 1.66 0.00	40.74 1.79 0.00	48.07 2.33 0.00	61.14 2.80 0.00	70.02 3.14 0.00	59.39 2.39 0.00	50.79 2.37 0.00	46.21 2.33 0.00	46.65 2.39 0.00	45.18 2.36 0.00	46.72 2.56 0.00	50.34 2.71 0.00	56.75 2.86 0.00	71.22 3.58 0.00	81.96 4.49 0.00	70.91 3.51 0.00	59.94 3.02 0.00	55.11 3.02 0.00	49.50 2.62 0.00	45.36 2.57 0.00	39.98 2.12 0.00
N.QUEENS_27_KV_LOAD 356247	44.43 2.71 -0.01	40.73 2.56 -0.01	40.48 2.33 -0.01	39.30 2.29 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.26 2.92 0.00	70.16 3.28 0.00	59.67 2.68 0.00	52.01 3.05 -0.54	50.74 3.03 -3.82	49.08 3.05 -1.77	51.15 3.04 -5.28	51.97 3.27 -4.54	54.75 3.43 -3.70	57.52 3.61 -0.02	71.56 3.92 0.00	82.42 4.96 0.00	71.11 3.71 0.00	60.23 3.30 0.00	55.85 3.75 -0.02	50.17 3.28 -0.02	46.10 3.29 -0.02	40.63 2.76 -0.01
N.TROY___115KV_TB1 355778	42.59 0.88 0.00	39.05 0.88 0.00	38.98 0.84 0.00	37.81 0.81 0.00	39.88 0.93 0.00	47.15 1.42 0.00	60.15 1.81 0.00	68.82 1.94 0.00	58.53 1.54 0.00	49.73 1.31 0.00	45.20 1.32 0.00	45.50 1.24 0.00	43.98 1.16 0.00	45.40 1.24 0.00	48.96 1.33 0.00	55.57 1.67 0.00	69.80 2.16 0.00	79.94 2.48 0.00	69.56 2.16 0.00	58.63 1.71 0.00	53.75 1.67 0.00	48.37 1.50 0.00	44.20 1.41 0.00	39.07 1.21 0.00
NARROWS_GT1_1 24228	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT1_2 24229	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT1_3 24230	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT1_4 24231	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT1_5 24232	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01

NARROWS_GT1_6 24233	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT1_7 24234	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT1_8 24235	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT2_1 24236	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT2_2 24237	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT2_3 24238	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT2_4 24239	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT2_5 24240	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT2_6 24241	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT2_7 24242	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NARROWS_GT2_8 24243	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	54.55 3.00 -3.93	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.84 1.13 0.00	39.24 1.07 0.00	39.21 1.07 0.00	38.03 1.04 0.00	40.04 1.09 0.00	47.20 1.46 0.00	60.38 2.04 0.00	68.89 2.01 0.00	58.25 1.25 0.00	49.34 0.92 0.00	44.68 0.79 0.00	44.92 0.66 0.00	43.43 0.60 0.00	44.96 0.79 0.00	48.62 1.00 0.00	55.30 1.40 0.00	69.73 2.10 0.00	79.94 2.48 0.00	69.83 2.43 0.00	58.81 1.88 0.00	53.96 1.88 0.00	48.47 1.59 0.00	44.20 1.41 0.00	39.11 1.25 0.00
NCHELSEA_115KV_TR2 355582	43.97 2.25 0.00	40.19 2.02 0.00	39.97 1.83 0.00	38.77 1.78 0.00	40.89 1.95 0.00	48.21 2.47 0.00	61.32 2.98 0.00	70.16 3.28 0.00	59.50 2.51 0.00	50.84 2.42 0.00	46.17 2.28 0.00	46.61 2.35 0.00	45.14 2.31 0.00	46.77 2.61 0.00	50.38 2.76 0.00	56.86 2.96 0.00	71.43 3.79 0.00	82.11 4.65 0.00	71.11 3.71 0.00	60.06 3.13 0.00	55.26 3.18 0.00	49.64 2.77 0.00	45.40 2.61 0.00	40.05 2.20 0.00
NEG CAPITAL___MECHNVIL 23645	43.05 1.33 0.00	39.47 1.30 0.00	39.44 1.30 0.00	38.18 1.18 0.00	40.31 1.36 0.00	47.57 1.83 0.00	60.73 2.39 0.00	69.48 2.61 0.00	59.04 2.05 0.00	50.07 1.65 0.00	45.51 1.62 0.00	45.72 1.46 0.00	44.20 1.37 0.00	45.53 1.37 0.00	49.29 1.67 0.00	56.05 2.16 0.00	70.54 2.91 0.00	80.72 3.25 0.00	70.30 2.90 0.00	59.21 2.28 0.00	54.22 2.14 0.00	48.75 1.88 0.00	44.50 1.71 0.00	39.33 1.47 0.00
NEG CENTRAL_HIGH_ACRES 23767	39.80 -1.92 0.00	36.41 -1.76 0.00	36.31 -1.83 0.00	35.26 -1.74 0.00	36.92 -2.03 0.00	42.62 -3.11 0.00	54.08 -4.26 0.00	62.27 -4.61 0.00	53.51 -3.48 0.00	45.51 -2.90 0.00	40.68 -3.20 0.00	41.03 -3.23 0.00	39.91 -2.91 0.00	41.15 -3.00 0.00	43.75 -3.76 0.11	48.88 -4.26 0.75	62.70 -4.93 0.01	72.34 -5.12 0.00	63.09 -4.32 0.00	53.05 -3.87 0.00	48.07 -4.01 0.00	43.45 -3.42 0.00	39.79 -3.00 0.00	35.51 -2.35 0.00

NEG CENTRAL___DRP 24199	41.01 -0.71 0.00	37.44 -0.73 0.00	37.42 -0.72 0.00	36.26 -0.74 0.00	38.17 -0.78 0.00	44.46 -1.28 0.00	56.65 -1.69 0.00	65.14 -1.74 0.00	55.68 -1.31 0.00	47.26 -1.16 0.00	42.53 -1.36 0.00	42.89 -1.37 0.00	41.59 -1.24 0.00	42.70 -1.46 0.00	46.10 -1.52 0.00	52.17 -1.72 0.00	65.68 -1.96 0.00	75.60 -1.86 0.00	65.92 -1.48 0.00	55.56 -1.37 0.00	50.52 -1.56 0.00	45.52 -1.36 0.00	41.55 -1.24 0.00	36.87 -0.98 0.00
NEG CENTRAL___INDECK 23768	41.38 -0.34 0.00	37.86 -0.31 0.00	37.76 -0.38 0.00	36.66 -0.33 0.00	38.28 -0.66 0.00	43.77 -1.97 0.00	55.37 -2.97 0.00	63.80 -3.08 0.00	54.54 -2.45 0.00	45.88 -2.52 0.02	40.70 -3.16 0.02	40.87 -3.37 0.02	39.76 -3.04 0.02	41.04 -3.09 0.02	43.47 -3.47 0.68	45.31 -3.77 4.81	63.34 -4.26 0.04	73.72 -3.72 0.02	64.61 -2.77 0.02	54.28 -2.62 0.03	49.09 -2.97 0.03	44.31 -2.53 0.03	40.45 -2.31 0.03	36.19 -1.66 0.00
NEG CENTRAL___SENECA 23627	40.88 -0.83 0.00	37.33 -0.84 0.00	37.30 -0.84 0.00	36.11 -0.89 0.00	38.01 -0.93 0.00	44.09 -1.65 0.00	56.12 -2.22 0.00	64.61 -2.27 0.00	55.40 -1.60 0.00	46.97 -1.45 0.00	42.17 -1.71 0.00	42.53 -1.73 0.00	41.28 -1.54 0.00	42.30 -1.85 0.00	45.55 -2.00 0.07	51.12 -2.26 0.51	65.06 -2.57 0.00	75.06 -2.40 0.00	65.45 -1.95 0.00	55.10 -1.82 0.00	50.00 -2.08 0.00	45.14 -1.73 0.00	41.20 -1.58 0.00	36.64 -1.21 0.00
NEG CENTRAL___STATE_STREET 24147	41.26 -0.46 0.00	37.71 -0.46 0.00	37.69 -0.46 0.00	36.52 -0.48 0.00	38.44 -0.51 0.00	44.96 -0.78 0.00	57.35 -0.99 0.00	65.88 -1.00 0.00	56.20 -0.80 0.00	47.60 -0.82 -0.01	42.97 -0.92 -0.01	43.34 -0.93 -0.01	41.93 -0.90 -0.01	43.24 -0.93 -0.01	46.78 -1.00 -0.15	53.92 -1.08 -1.10	66.50 -1.15 -0.01	76.46 -1.01 -0.01	66.67 -0.74 -0.01	56.25 -0.68 -0.01	51.21 -0.89 -0.01	46.13 -0.75 -0.01	42.02 -0.77 -0.01	37.21 -0.64 0.00
NEG MILLWOOD___DRP 24198	44.09 2.38 0.00	40.34 2.18 0.00	40.09 1.95 0.00	38.88 1.89 0.00	41.01 2.06 0.00	48.34 2.61 0.00	61.49 3.15 0.00	70.42 3.54 0.00	59.79 2.79 0.00	51.09 2.66 0.00	46.39 2.50 0.00	46.92 2.66 0.00	45.44 2.61 0.00	47.07 2.91 0.00	50.77 3.14 0.00	57.24 3.34 0.00	71.76 4.13 0.00	82.50 5.04 0.00	71.32 3.91 0.00	60.29 3.36 0.00	55.42 3.33 0.00	49.73 2.86 0.00	45.48 2.70 0.00	40.13 2.27 0.00
NEG NORTH_FLCN_SEA 23793	41.84 0.13 0.00	38.32 0.15 0.00	38.37 0.23 0.00	37.29 0.30 0.00	39.26 0.31 0.00	46.24 0.50 0.00	59.22 0.88 0.00	67.88 1.00 0.00	58.08 1.08 0.00	49.15 0.73 0.00	44.59 0.70 0.00	45.10 0.84 0.00	43.56 0.73 0.00	44.82 0.66 0.00	48.43 0.81 0.00	54.97 1.08 0.00	68.65 1.01 0.00	78.32 0.85 0.00	68.21 0.81 0.00	57.72 0.80 0.00	52.87 0.78 0.00	47.34 0.47 0.00	42.87 0.09 0.00	37.70 -0.15 0.00
NEG NORTH_KES_CHATEGAY 23792	41.71 0.00 0.00	38.21 0.04 0.00	38.26 0.11 0.00	37.18 0.18 0.00	39.14 0.19 0.00	46.10 0.37 0.00	59.04 0.70 0.00	67.68 0.80 0.00	57.79 0.80 0.00	48.86 0.44 0.00	44.37 0.48 0.00	44.84 0.58 0.00	43.30 0.47 0.00	44.56 0.40 0.00	48.15 0.52 0.00	54.65 0.75 0.00	68.31 0.68 0.00	78.01 0.54 0.00	67.94 0.54 0.00	57.50 0.57 0.00	52.71 0.63 0.00	47.20 0.33 0.00	42.79 0.00 0.00	37.63 -0.23 0.00
NEG NORTH___ALICE_FALLS 23915	42.01 0.29 0.00	38.44 0.27 0.00	38.53 0.38 0.00	37.40 0.41 0.00	39.37 0.43 0.00	46.42 0.69 0.00	59.51 1.17 0.00	68.22 1.34 0.00	58.36 1.37 0.00	49.29 0.87 0.00	44.72 0.83 0.00	45.19 0.93 0.00	43.68 0.86 0.00	44.91 0.75 0.00	48.57 0.95 0.00	55.19 1.29 0.00	68.86 1.22 0.00	78.63 1.16 0.00	68.48 1.08 0.00	57.95 1.02 0.00	53.13 1.04 0.00	47.58 0.70 0.00	43.05 0.26 0.00	37.86 0.00 0.00
NEG NORTH___LWR_SARANAC 23913	42.01 0.29 0.00	38.44 0.27 0.00	38.53 0.38 0.00	37.40 0.41 0.00	39.37 0.43 0.00	46.42 0.69 0.00	59.51 1.17 0.00	68.22 1.34 0.00	58.36 1.37 0.00	49.29 0.87 0.00	44.72 0.83 0.00	45.19 0.93 0.00	43.68 0.86 0.00	44.91 0.75 0.00	48.57 0.95 0.00	55.19 1.29 0.00	68.86 1.22 0.00	78.63 1.16 0.00	68.48 1.08 0.00	57.95 1.02 0.00	53.13 1.04 0.00	47.58 0.70 0.00	43.05 0.26 0.00	37.86 0.00 0.00
NEG NORTH___PLATTSBURG 23628	42.01 0.29 0.00	38.44 0.27 0.00	38.53 0.38 0.00	37.40 0.41 0.00	39.38 0.43 0.00	46.42 0.69 0.00	59.51 1.17 0.00	68.22 1.34 0.00	58.36 1.37 0.00	49.29 0.87 0.00	44.72 0.83 0.00	45.19 0.93 0.00	43.68 0.86 0.00	44.91 0.75 0.00	48.57 0.95 0.00	55.19 1.29 0.00	68.86 1.22 0.00	78.63 1.16 0.00	68.48 1.08 0.00	57.95 1.03 0.00	53.13 1.04 0.00	47.58 0.70 0.00	43.05 0.26 0.00	37.86 0.00 0.00
NEG WEST_LEA_LOCKPORT 23791	39.67 -2.04 0.00	36.22 -1.95 0.00	36.20 -1.95 0.00	34.96 -2.03 0.00	36.57 -2.38 0.00	40.57 -5.17 0.00	50.64 -7.70 0.00	58.79 -8.09 0.00	50.49 -6.50 0.00	42.89 -5.52 0.01	38.17 -5.71 0.01	38.49 -5.75 0.01	37.55 -5.27 0.01	38.14 -6.01 0.01	40.65 -6.62 0.36	44.22 -7.17 2.51	58.56 -9.06 0.02	67.77 -9.68 0.01	59.44 -7.95 0.01	50.08 -6.83 0.01	45.25 -6.82 0.01	41.09 -5.77 0.01	37.90 -4.88 0.01	34.37 -3.48 0.00
NEG WEST___LANCASTER 23811	39.25 -2.46 0.00	35.96 -2.21 0.00	35.89 -2.25 0.00	34.74 -2.26 0.00	36.30 -2.65 0.00	40.89 -4.85 0.00	51.40 -6.94 0.00	59.32 -7.56 0.00	50.50 -6.50 0.00	42.84 -5.57 0.02	39.48 -4.39 0.02	40.26 -3.98 0.02	38.78 -4.03 0.02	41.10 -3.05 0.02	43.69 -3.48 0.45	46.69 -3.99 3.21	62.81 -4.80 0.02	70.63 -6.82 0.02	61.32 -6.07 0.02	51.84 -5.07 0.02	47.90 -4.17 0.02	42.50 -4.36 0.02	38.58 -4.19 0.02	34.15 -3.71 0.00
NEG_PENN_ALLEGHNY 23528	41.76 0.04 0.00	38.21 0.04 0.00	38.14 0.00 0.00	37.03 0.04 0.00	38.91 -0.04 0.00	45.46 -0.27 0.00	57.87 -0.47 0.00	66.41 -0.46 0.00	56.60 -0.40 0.00	48.03 -0.39 0.00	43.49 -0.40 0.00	43.86 -0.40 0.00	42.48 -0.34 0.00	43.80 -0.35 0.00	47.27 -0.28 0.07	53.04 -0.37 0.48	67.23 -0.40 0.00	77.15 -0.31 0.00	67.13 -0.27 0.00	56.64 -0.28 0.00	51.77 -0.31 0.00	46.55 -0.33 0.00	42.44 -0.34 0.00	37.59 -0.26 0.00
NEG___GEN_MONROE 24207	40.63 -1.08 0.00	37.10 -1.07 0.00	37.08 -1.07 0.00	35.85 -1.15 0.00	37.62 -1.32 0.00	42.85 -2.88 0.00	54.02 -4.32 0.00	62.33 -4.55 0.00	53.63 -3.36 0.00	45.56 -2.86 0.01	40.59 -3.29 0.01	40.89 -3.36 0.01	39.86 -2.96 0.01	40.49 -3.67 0.01	43.40 -4.00 0.22	47.85 -4.47 1.57	62.22 -5.41 0.01	72.03 -5.42 0.01	63.15 -4.25 0.01	53.10 -3.81 0.01	48.01 -4.06 0.01	43.54 -3.33 0.01	39.96 -2.82 0.01	36.00 -1.85 0.00
NEPA___ENERGY 23901	39.92 -1.79 0.00	36.53 -1.64 0.00	36.47 -1.68 0.00	35.26 -1.74 0.00	36.88 -2.06 0.00	41.57 -4.16 0.00	52.33 -6.01 0.00	60.39 -6.49 0.00	51.35 -5.64 0.00	43.47 -4.94 0.02	39.22 -4.65 0.02	39.64 -4.60 0.02	38.44 -4.37 0.02	39.73 -4.42 0.02	42.17 -5.00 0.45	45.10 -5.61 3.19	60.85 -6.76 0.02	70.01 -7.44 0.02	61.12 -6.27 0.02	51.50 -5.41 0.02	46.86 -5.21 0.02	42.17 -4.69 0.02	38.62 -4.15 0.02	34.68 -3.18 0.00

NEVERSINK___HYD 23608	44.01 2.29 0.00	40.23 2.06 0.00	40.05 1.91 0.00	38.81 1.81 0.00	40.97 2.02 0.00	48.25 2.51 0.00	61.43 3.09 0.00	70.29 3.41 0.00	59.50 2.50 0.00	50.75 2.32 0.00	45.99 2.11 0.00	46.43 2.17 0.00	44.97 2.14 0.00	46.50 2.34 0.00	50.19 2.57 0.00	56.75 2.85 0.00	71.36 3.72 0.00	82.03 4.57 0.00	71.25 3.84 0.00	60.11 3.19 0.00	55.32 3.23 0.00	49.64 2.76 0.00	45.36 2.57 0.00	40.01 2.16 0.00
NEWKRMKL_115KV_TB1 55635	42.26 0.54 0.00	38.74 0.57 0.00	38.68 0.53 0.00	37.55 0.55 0.00	39.49 0.55 0.00	46.60 0.87 0.00	59.45 1.11 0.00	67.95 1.07 0.00	57.85 0.85 0.00	49.20 0.77 0.00	44.76 0.88 0.00	45.01 0.75 0.00	43.56 0.73 0.00	45.00 0.84 0.00	48.53 0.90 0.00	55.03 1.13 0.00	69.13 1.49 0.00	79.01 1.55 0.00	68.75 1.35 0.00	58.01 1.08 0.00	53.13 1.04 0.00	47.86 0.98 0.00	43.69 0.90 0.00	38.73 0.87 0.00
NEWTON___FALLS_HYD 23847	42.38 0.67 0.00	38.86 0.69 0.00	38.95 0.80 0.00	37.70 0.70 0.00	39.76 0.82 0.00	46.65 0.91 0.00	59.74 1.40 0.00	68.48 1.61 0.00	58.30 1.31 0.00	49.15 0.73 0.00	44.28 0.39 0.00	44.70 0.44 0.00	43.21 0.39 0.00	44.51 0.35 0.00	48.19 0.57 0.00	54.81 0.92 0.00	68.31 0.68 0.00	77.70 0.23 0.00	67.88 0.47 0.00	57.27 0.34 0.00	52.55 0.47 0.00	47.62 0.75 0.00	43.17 0.39 0.00	38.12 0.26 0.00
NGRID_A1_DSASP 323792	38.17 -3.55 0.00	34.85 -3.32 0.00	34.79 -3.36 0.00	33.63 -3.37 0.00	35.17 -3.78 0.00	39.08 -6.63 0.02	48.64 -9.68 0.02	56.49 -10.37 0.02	48.65 -8.32 0.02	41.42 -6.97 0.03	36.70 -7.15 0.03	36.93 -7.30 0.03	36.11 -6.68 0.03	36.44 -7.68 0.03	40.01 -7.24 0.37	43.93 -7.44 2.52	56.03 -11.57 0.04	64.96 -12.47 0.03	56.99 -10.38 0.03	49.06 -7.86 0.02	44.26 -7.81 0.02	40.34 -6.52 0.02	37.30 -5.48 0.02	33.88 -3.97 0.00
NGRID_A2_DSASP 323793	38.17 -3.55 0.00	34.85 -3.32 0.00	34.79 -3.36 0.00	33.63 -3.37 0.00	35.17 -3.78 0.00	39.08 -6.63 0.02	48.64 -9.68 0.02	56.49 -10.37 0.02	48.65 -8.32 0.02	41.42 -6.97 0.03	36.70 -7.15 0.03	36.93 -7.30 0.03	36.11 -6.68 0.03	36.44 -7.68 0.03	40.01 -7.24 0.37	43.93 -7.44 2.52	56.03 -11.57 0.04	64.96 -12.47 0.03	56.99 -10.38 0.03	49.06 -7.86 0.02	44.26 -7.81 0.02	40.34 -6.52 0.02	37.30 -5.48 0.02	33.88 -3.97 0.00
NGRID_A4_DSASP 323807	38.17 -3.55 0.00	34.85 -3.32 0.00	34.79 -3.36 0.00	33.63 -3.37 0.00	35.17 -3.78 0.00	39.08 -6.63 0.02	48.64 -9.68 0.02	56.49 -10.37 0.02	48.65 -8.32 0.02	41.42 -6.97 0.03	36.70 -7.15 0.03	36.93 -7.30 0.03	36.11 -6.68 0.03	36.44 -7.68 0.03	40.01 -7.24 0.37	43.93 -7.44 2.52	56.03 -11.57 0.04	64.96 -12.47 0.03	56.99 -10.38 0.03	49.06 -7.86 0.02	44.26 -7.81 0.02	40.34 -6.52 0.02	37.30 -5.48 0.02	33.88 -3.97 0.00
NIAGARA_115E_LBMP 323715	39.29 -2.42 0.00	36.03 -2.14 0.00	35.89 -2.25 0.00	35.07 -1.93 0.00	36.26 -2.69 0.00	40.06 -5.67 0.00	50.06 -8.28 0.00	57.85 -9.03 0.00	49.75 -7.24 0.00	42.31 -6.10 0.01	37.64 -6.23 0.01	37.83 -6.42 0.01	36.99 -5.82 0.01	38.10 -6.05 0.01	39.97 -7.28 0.36	43.56 -7.82 2.52	57.61 -10.01 0.02	66.76 -10.69 0.01	58.43 -8.96 0.01	49.23 -7.69 0.02	44.46 -7.61 0.02	40.44 -6.42 0.02	37.42 -5.35 0.02	33.99 -3.86 0.00
NIAGARA_115W_LBMP 323714	38.00 -3.71 0.00	34.81 -3.36 0.00	34.64 -3.51 0.00	33.74 -3.26 0.00	35.01 -3.93 0.00	39.04 -6.68 0.02	48.64 -9.68 0.02	56.22 -10.64 0.02	48.42 -8.55 0.02	41.22 -7.17 0.03	36.57 -7.28 0.03	36.71 -7.52 0.03	35.94 -6.85 0.03	36.97 -7.15 0.03	39.97 -7.28 0.37	43.93 -7.44 2.52	55.76 -11.84 0.04	64.73 -12.71 0.03	56.73 -10.65 0.03	48.94 -7.97 0.02	44.15 -7.92 0.02	40.25 -6.61 0.02	37.30 -5.48 0.02	33.81 -4.05 0.00
NIAGARA_230_LBMP 323716	39.38 -2.34 0.00	36.11 -2.06 0.00	35.93 -2.21 0.00	35.04 -1.96 0.00	36.34 -2.61 0.00	40.66 -5.08 0.00	50.82 -7.53 0.00	58.65 -8.23 0.00	50.44 -6.55 0.00	42.89 -5.52 0.01	38.21 -5.66 0.01	38.41 -5.84 0.01	37.50 -5.31 0.01	38.63 -5.52 0.01	40.61 -6.67 0.35	43.85 -7.55 2.50	58.49 -9.13 0.02	67.69 -9.76 0.01	59.24 -8.16 0.01	49.85 -7.06 0.01	45.04 -7.03 0.01	41.00 -5.86 0.01	37.89 -4.88 0.01	34.34 -3.52 0.00
NIAGARA___115KV_198_GIBSON 55903	38.00 -3.71 0.00	34.70 -3.47 0.00	34.63 -3.51 0.00	33.48 -3.51 0.00	35.01 -3.93 0.00	38.86 -6.86 0.02	48.35 -9.98 0.02	56.23 -10.63 0.02	48.42 -8.55 0.02	41.22 -7.17 0.03	36.48 -7.37 0.03	36.75 -7.48 0.03	35.94 -6.85 0.03	36.22 -7.90 0.03	39.92 -7.33 0.37	43.93 -7.44 2.52	55.69 -11.90 0.04	64.57 -12.86 0.03	56.72 -10.65 0.03	48.94 -7.97 0.02	44.15 -7.92 0.02	40.25 -6.61 0.02	37.21 -5.56 0.02	33.81 -4.05 0.00
NIAGARA____ 23760	39.38 -2.34 0.00	36.11 -2.06 0.00	35.93 -2.21 0.00	35.04 -1.96 0.00	36.34 -2.61 0.00	40.65 -5.08 0.01	50.81 -7.53 0.00	58.65 -8.23 0.00	50.44 -6.55 0.01	42.88 -5.52 0.02	38.21 -5.66 0.02	38.40 -5.84 0.02	37.50 -5.31 0.02	38.62 -5.52 0.02	40.60 -6.67 0.36	43.84 -7.55 2.51	58.48 -9.13 0.02	67.68 -9.76 0.02	59.23 -8.16 0.02	49.85 -7.06 0.01	45.04 -7.03 0.01	41.00 -5.86 0.01	37.89 -4.88 0.01	34.34 -3.52 0.00
NINE_MILE_1 23575	40.17 -1.54 0.00	36.72 -1.45 0.00	36.69 -1.45 0.00	35.59 -1.41 0.00	37.43 -1.52 0.00	43.82 -1.92 0.00	55.89 -2.45 0.00	64.07 -2.81 0.00	54.65 -2.34 0.00	46.43 -1.99 0.00	42.00 -1.89 0.00	42.36 -1.90 0.00	41.03 -1.80 0.00	42.35 -1.81 0.00	45.58 -2.05 0.00	51.52 -2.37 0.00	64.80 -2.84 0.00	74.28 -3.18 0.00	64.71 -2.70 0.00	54.65 -2.28 0.00	49.85 -2.24 0.00	44.91 -1.97 0.00	41.03 -1.76 0.00	36.34 -1.52 0.00
NINE_MILE_2 23744	40.17 -1.54 0.00	36.72 -1.45 0.00	36.69 -1.45 0.00	35.59 -1.41 0.00	37.43 -1.52 0.00	43.82 -1.92 0.00	55.89 -2.45 0.00	64.07 -2.81 0.00	54.65 -2.34 0.00	46.43 -1.99 0.00	42.00 -1.89 0.00	42.36 -1.90 0.00	41.03 -1.80 0.00	42.35 -1.81 0.00	45.58 -2.05 0.00	51.52 -2.37 0.00	64.80 -2.84 0.00	74.28 -3.18 0.00	64.71 -2.70 0.00	54.65 -2.28 0.00	49.85 -2.24 0.00	44.91 -1.97 0.00	41.03 -1.76 0.00	36.34 -1.52 0.00
NM_CAPITAL___DRP 24208	42.26 0.54 0.00	38.74 0.57 0.00	38.68 0.53 0.00	37.55 0.55 0.00	39.49 0.55 0.00	46.70 0.96 0.00	59.45 1.11 0.00	68.02 1.14 0.00	57.91 0.91 0.00	49.25 0.82 0.00	44.81 0.92 0.00	45.10 0.84 0.00	43.60 0.77 0.00	45.04 0.88 0.00	48.57 0.95 0.00	55.03 1.13 0.00	69.13 1.49 0.00	79.09 1.63 0.00	68.75 1.35 0.00	58.07 1.14 0.00	53.18 1.09 0.00	47.91 1.03 0.00	43.77 0.98 0.00	38.76 0.91 0.00
NM_CENTRAL___DRP 24181	40.92 -0.79 0.00	37.37 -0.80 0.00	37.38 -0.76 0.00	36.22 -0.78 0.00	38.13 -0.82 0.00	44.64 -1.10 0.00	56.82 -1.52 0.00	65.21 -1.67 0.00	55.68 -1.31 0.00	47.31 -1.11 0.00	42.83 -1.05 0.00	43.20 -1.06 0.00	41.84 -0.99 0.00	43.14 -1.02 0.00	46.48 -1.14 0.00	52.55 -1.35 0.00	66.01 -1.62 0.00	75.76 -1.70 0.00	65.92 -1.48 0.00	55.67 -1.25 0.00	50.78 -1.30 0.00	45.80 -1.08 0.00	41.80 -0.98 0.00	36.99 -0.87 0.00

NM_FRONTIER___DRP 24179	38.00 -3.71 0.00	34.70 -3.47 0.00	34.63 -3.51 0.00	33.48 -3.51 0.00	35.01 -3.93 0.00	38.86 -6.86 0.02	48.35 -9.98 0.02	56.23 -10.63 0.02	48.42 -8.55 0.02	41.22 -7.17 0.03	36.48 -7.37 0.03	36.75 -7.48 0.03	35.94 -6.85 0.03	36.22 -7.90 0.03	39.92 -7.33 0.37	43.93 -7.44 2.52	55.69 -11.90 0.04	64.57 -12.86 0.03	56.72 -10.65 0.03	48.94 -7.97 0.02	44.15 -7.92 0.02	40.25 -6.61 0.02	37.21 -5.56 0.02	33.81 -4.05 0.00
NM_ST_REGIS___HYD 24053	42.59 0.88 0.00	39.01 0.84 0.00	39.10 0.95 0.00	37.92 0.92 0.00	39.92 0.97 0.00	47.02 1.28 0.00	60.27 1.93 0.00	69.02 2.14 0.00	58.99 1.99 0.00	49.73 1.31 0.00	44.98 1.10 0.00	45.46 1.20 0.00	43.94 1.11 0.00	45.18 1.02 0.00	48.91 1.29 0.00	55.57 1.67 0.00	69.13 1.49 0.00	78.47 1.01 0.00	68.48 1.08 0.00	57.84 0.91 0.00	53.23 1.15 0.00	48.05 1.17 0.00	43.56 0.77 0.00	38.46 0.61 0.00
NORTHPORT___1 23551	43.76 2.04 0.00	39.93 1.76 0.00	39.40 1.26 0.00	38.22 1.22 0.00	40.51 1.56 0.00	47.79 2.06 0.00	59.19 0.99 0.14	61.79 1.21 6.30	51.57 0.86 6.28	47.50 1.16 2.08	45.83 3.07 1.12	45.65 3.01 1.62	45.87 3.30 0.26	47.69 3.35 -0.18	49.74 3.57 1.45	55.72 1.83 0.01	70.81 3.18 0.01	82.26 4.80 0.01	70.77 3.37 0.01	60.05 3.13 0.01	54.37 2.29 0.01	48.70 1.83 0.01	45.78 2.99 0.00	40.77 2.92 0.00
NORTHPORT___2 23552	43.76 2.04 0.00	39.93 1.76 0.00	39.40 1.26 0.00	38.22 1.22 0.00	40.51 1.56 0.00	47.79 2.06 0.00	59.19 0.99 0.14	61.79 1.21 6.30	51.57 0.86 6.28	47.50 1.16 2.08	45.83 3.07 1.12	45.65 3.01 1.62	45.87 3.30 0.26	47.69 3.35 -0.18	49.74 3.57 1.45	55.72 1.83 0.01	70.81 3.18 0.01	82.26 4.80 0.01	70.77 3.37 0.01	60.05 3.13 0.01	54.37 2.29 0.01	48.70 1.83 0.01	45.78 2.99 0.00	40.77 2.92 0.00
NORTHPORT___3 23553	43.63 1.92 0.00	39.81 1.64 0.00	39.33 1.18 0.00	38.11 1.11 0.00	40.39 1.44 0.00	47.61 1.88 0.00	58.90 0.70 0.14	61.48 0.87 6.27	51.25 0.51 6.26	47.37 1.02 2.07	45.71 2.94 1.12	45.52 2.88 1.62	45.74 3.17 0.26	47.47 3.14 -0.18	49.51 3.33 1.44	55.40 1.51 0.01	70.47 2.84 0.01	81.79 4.34 0.01	70.44 3.04 0.01	59.71 2.79 0.01	54.06 1.98 0.01	48.41 1.54 0.01	45.61 2.82 0.00	40.66 2.80 0.00
NORTHPORT___4 23650	43.63 1.92 0.00	39.81 1.64 0.00	39.33 1.18 0.00	38.11 1.11 0.00	40.39 1.44 0.00	47.61 1.88 0.00	58.90 0.70 0.14	61.48 0.87 6.27	51.25 0.51 6.26	47.37 1.02 2.07	45.71 2.94 1.12	45.52 2.88 1.62	45.74 3.17 0.26	47.47 3.14 -0.18	49.51 3.33 1.44	55.40 1.51 0.01	70.47 2.84 0.01	81.79 4.34 0.01	70.44 3.04 0.01	59.71 2.79 0.01	54.06 1.98 0.01	48.41 1.54 0.01	45.61 2.82 0.00	40.66 2.80 0.00
NORTHPORT___IC 23718	43.76 2.04 0.00	40.04 1.87 0.00	39.40 1.26 0.00	38.44 1.44 0.00	40.54 1.60 0.00	47.75 2.01 0.00	59.25 1.05 0.14	61.79 1.20 6.30	51.57 0.85 6.28	47.50 1.16 2.08	45.83 3.07 1.12	45.51 2.88 1.62	45.87 3.30 0.26	47.78 3.44 -0.18	49.74 3.57 1.45	55.72 1.83 0.01	70.88 3.25 0.01	82.42 4.96 0.01	70.77 3.37 0.01	60.05 3.13 0.01	54.37 2.29 0.00	48.74 1.87 0.01	45.95 3.17 0.00	40.77 2.91 0.00
NORTH___COUNTRY_ESR 323785	41.63 -0.08 0.00	38.13 -0.04 0.00	38.18 0.04 0.00	37.07 0.07 0.00	39.06 0.12 0.00	46.01 0.28 0.00	58.92 0.58 0.00	67.48 0.60 0.00	57.68 0.69 0.00	48.86 0.43 0.00	44.33 0.44 0.00	44.83 0.57 0.00	43.30 0.47 0.00	44.56 0.40 0.00	48.15 0.52 0.00	54.59 0.70 0.00	68.25 0.61 0.00	77.93 0.47 0.00	67.81 0.41 0.00	57.38 0.45 0.00	52.55 0.47 0.00	47.11 0.24 0.00	42.66 -0.13 0.00	37.55 -0.30 0.00
NPX_GEN_1385_PROXY 323591	43.55 1.83 0.00	39.81 1.64 0.00	39.17 1.03 0.00	38.15 1.15 0.00	40.21 1.48 0.21	46.62 2.29 1.40	73.40 1.51 -13.54	75.39 1.74 -6.77	46.73 1.31 11.58	47.50 1.16 2.08	45.75 2.99 1.12	45.38 2.75 1.62	45.74 3.17 0.26	47.56 3.22 -0.18	49.65 3.47 1.45	55.61 1.72 0.01	65.83 3.38 5.18	87.44 4.80 -5.17	71.11 3.70 0.01	60.28 3.36 0.01	54.58 2.50 0.01	48.55 1.69 0.01	45.57 2.78 0.00	40.92 3.07 0.00
NPX_GEN_CSC 323557	43.55 1.83 0.00	39.81 1.64 0.00	39.13 0.99 0.00	37.92 0.93 0.00	40.06 1.32 0.21	46.58 2.24 1.40	60.98 1.17 -1.47	68.13 1.41 0.16	45.63 0.91 12.27	46.85 0.48 2.05	45.01 2.24 1.11	45.13 2.48 1.60	45.48 2.91 0.26	47.82 3.49 -0.18	50.10 3.91 1.43	55.72 1.83 0.01	66.38 3.92 5.18	88.14 5.50 -5.18	70.10 2.70 0.00	60.45 3.53 0.00	54.58 2.50 0.00	48.51 1.64 0.01	46.34 3.55 0.00	41.15 3.29 0.00
NSINS_S_GLNS_FALLS 23858	42.92 1.21 0.00	39.35 1.18 0.00	39.33 1.18 0.00	38.07 1.07 0.00	40.19 1.25 0.00	47.43 1.69 0.00	60.62 2.28 0.00	69.35 2.47 0.00	58.82 1.82 0.00	49.83 1.40 0.00	45.29 1.40 0.00	45.41 1.15 0.00	43.86 1.03 0.00	45.26 1.10 0.00	48.91 1.29 0.00	55.73 1.83 0.00	70.14 2.50 0.00	80.25 2.79 0.00	70.03 2.63 0.00	58.81 1.88 0.00	53.96 1.88 0.00	48.52 1.64 0.00	44.33 1.54 0.00	39.11 1.25 0.00
NUCOR_STEEL___DRP 24197	41.34 -0.38 0.00	37.79 -0.38 0.00	37.76 -0.38 0.00	36.63 -0.37 0.00	38.52 -0.43 0.00	45.05 -0.69 0.00	57.41 -0.93 0.00	65.88 -1.00 0.00	56.20 -0.80 0.00	47.70 -0.73 -0.01	43.06 -0.83 -0.01	43.43 -0.84 -0.01	42.02 -0.81 -0.01	43.33 -0.84 -0.01	46.91 -0.86 -0.15	53.96 -0.97 -1.04	66.63 -1.01 -0.01	76.54 -0.93 -0.01	66.67 -0.74 -0.01	56.25 -0.68 -0.01	51.26 -0.83 -0.01	46.18 -0.70 -0.01	42.15 -0.64 -0.01	37.29 -0.57 0.00
NUMBER_THREE_WT_PWR 323818	42.30 0.58 0.00	38.78 0.61 0.00	38.87 0.72 0.00	37.59 0.59 0.00	39.72 0.78 0.00	46.65 0.91 0.00	59.74 1.40 0.00	68.42 1.54 0.00	58.13 1.14 0.00	48.91 0.48 0.00	43.76 -0.13 0.00	44.17 -0.09 0.00	42.70 -0.13 0.00	44.03 -0.13 0.00	47.67 0.05 0.00	54.22 0.33 0.00	68.12 0.48 0.00	77.70 0.23 0.00	67.88 0.48 0.00	57.21 0.29 0.00	52.24 0.16 0.00	47.25 0.37 0.00	42.83 0.04 0.00	37.82 -0.04 0.00
NYISO_LBMP_REFERENCE 24008	41.71 0.00 0.00	38.17 0.00 0.00	38.14 0.00 0.00	37.00 0.00 0.00	38.95 0.00 0.00	45.74 0.00 0.00	58.34 0.00 0.00	66.88 0.00 0.00	56.99 0.00 0.00	48.42 0.00 0.00	43.89 0.00 0.00	44.26 0.00 0.00	42.83 0.00 0.00	44.16 0.00 0.00	47.62 0.00 0.00	53.89 0.00 0.00	67.64 0.00 0.00	77.46 0.00 0.00	67.41 0.00 0.00	56.93 0.00 0.00	52.08 0.00 0.00	46.87 0.00 0.00	42.79 0.00 0.00	37.86 0.00 0.00
NYPA_BRENTWD____GT 24164	44.17 2.46 0.00	40.27 2.10 0.00	39.75 1.60 0.00	38.51 1.52 0.00	40.89 1.95 0.00	48.29 2.56 0.00	59.37 1.17 0.13	62.09 1.21 6.00	51.75 0.74 5.98	47.31 0.87 1.98	45.70 2.90 1.08	45.50 2.79 1.55	46.17 3.60 0.26	48.09 3.75 -0.18	49.91 3.67 1.38	56.37 2.48 0.00	71.76 4.13 0.00	83.34 5.88 0.00	71.72 4.32 0.00	60.85 3.92 0.00	55.05 2.97 0.00	49.26 2.39 0.00	46.25 3.46 0.00	41.11 3.26 0.00

NYPA_GOWANUS____GT5 24156	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NYPA_GOWANUS____GT6 24157	44.82 3.09 -0.01	40.97 2.78 -0.01	40.71 2.56 -0.01	39.45 2.44 -0.01	41.64 2.69 -0.01	49.09 3.34 -0.01	61.49 3.15 0.00	70.22 3.34 0.00	59.50 2.50 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.70 2.66 -1.79	50.78 2.61 -5.34	51.06 2.74 -4.16	53.81 3.00 -3.19	57.25 3.34 -0.02	71.42 3.79 0.00	82.27 4.80 0.00	71.04 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.36 3.47 -0.02	46.36 3.55 -0.02	40.90 3.03 -0.01
NYPA_HARLEM__RVR__GT1 24160	44.35 2.63 -0.01	40.66 2.48 -0.01	40.44 2.29 -0.01	39.22 2.22 -0.01	41.33 2.38 -0.01	48.71 2.97 -0.01	61.14 2.80 0.00	70.02 3.14 0.01	59.55 2.57 0.01	51.29 2.91 0.03	47.25 2.85 -0.51	47.41 2.92 -0.23	55.56 2.87 -9.86	55.66 3.00 -8.50	57.79 3.24 -6.93	57.35 3.45 -0.01	71.35 3.72 0.01	82.18 4.73 0.01	70.97 3.57 0.01	60.10 3.19 0.01	55.64 3.54 -0.01	50.07 3.19 -0.01	45.96 3.17 -0.01	40.59 2.73 -0.01
NYPA_HARLEM__RVR__GT2 24161	44.35 2.63 -0.01	40.66 2.48 -0.01	40.44 2.29 -0.01	39.22 2.22 -0.01	41.33 2.38 -0.01	48.71 2.97 -0.01	61.14 2.80 0.00	70.02 3.14 0.01	59.55 2.57 0.01	51.29 2.91 0.03	47.25 2.85 -0.51	47.41 2.92 -0.23	55.56 2.87 -9.86	55.66 3.00 -8.50	57.79 3.24 -6.93	57.35 3.45 -0.01	71.35 3.72 0.01	82.18 4.73 0.01	70.97 3.57 0.01	60.10 3.19 0.01	55.64 3.54 -0.01	50.07 3.19 -0.01	45.96 3.17 -0.01	40.59 2.73 -0.01
NYPA_KENT____GT 24152	44.69 2.96 -0.01	40.81 2.63 -0.01	40.60 2.44 -0.01	39.34 2.33 -0.01	41.52 2.57 -0.01	48.95 3.20 -0.01	61.49 3.15 0.00	70.35 3.48 0.00	59.67 2.68 0.00	51.68 2.76 -0.50	51.90 2.72 -5.29	49.49 2.79 -2.44	52.93 2.78 -7.32	52.77 2.91 -5.69	54.60 3.14 -3.83	57.36 3.45 -0.02	71.56 3.92 0.00	82.43 4.96 0.00	71.18 3.77 0.00	60.28 3.36 0.00	55.69 3.59 -0.02	50.27 3.38 -0.02	46.23 3.42 -0.02	40.78 2.92 -0.01
NYPA_POUCH1____GT 24155	44.90 3.17 -0.01	41.05 2.86 -0.01	40.82 2.67 -0.01	39.56 2.55 -0.01	41.76 2.81 -0.01	49.22 3.47 -0.01	61.43 3.09 0.00	70.09 3.21 0.00	59.28 2.28 0.00	51.34 2.37 -0.55	50.12 2.37 -3.87	48.48 2.43 -1.79	50.57 2.40 -5.34	50.83 2.52 -4.16	53.39 2.76 -3.01	57.04 3.12 -0.02	71.22 3.58 0.00	82.11 4.65 0.00	70.84 3.44 0.00	60.00 3.07 0.00	55.48 3.38 -0.02	50.41 3.52 -0.02	46.49 3.68 -0.02	41.01 3.14 -0.01
NYPA_VERNON____GT2 24162	44.56 2.84 -0.01	40.70 2.52 -0.01	40.48 2.33 -0.01	39.23 2.22 -0.01	41.37 2.42 -0.01	48.76 3.02 -0.01	61.43 3.09 0.00	70.42 3.54 0.00	59.84 2.85 0.00	52.06 2.95 -0.68	51.69 2.90 -4.91	49.49 2.97 -2.26	52.52 2.91 -6.78	52.48 3.04 -5.28	54.69 3.33 -3.74	57.47 3.56 -0.02	71.70 4.06 0.00	82.57 5.11 0.00	71.31 3.91 0.00	60.40 3.47 0.00	55.75 3.64 -0.02	50.22 3.33 -0.02	46.10 3.29 -0.02	40.67 2.80 -0.01
NYPA_VERNON____GT3 24163	44.56 2.84 -0.01	40.70 2.52 -0.01	40.48 2.33 -0.01	39.23 2.22 -0.01	41.37 2.42 -0.01	48.76 3.02 -0.01	61.43 3.09 0.00	70.42 3.54 0.00	59.84 2.85 0.00	52.06 2.95 -0.68	51.69 2.90 -4.91	49.49 2.97 -2.26	52.52 2.91 -6.78	52.48 3.04 -5.28	54.69 3.33 -3.74	57.47 3.56 -0.02	71.70 4.06 0.00	82.57 5.11 0.00	71.31 3.91 0.00	60.40 3.47 0.00	55.75 3.64 -0.02	50.22 3.33 -0.02	46.10 3.29 -0.02	40.67 2.80 -0.01
NYPA__ASTORIA_CC1 323568	44.52 2.80 -0.01	40.70 2.52 -0.01	40.48 2.33 -0.01	39.22 2.22 -0.01	41.37 2.42 -0.01	48.76 3.02 -0.01	61.37 3.03 0.00	70.35 3.48 0.00	59.79 2.79 0.00	52.04 2.95 -0.67	51.50 2.85 -4.77	49.38 2.92 -2.20	52.33 2.91 -6.59	52.33 3.04 -5.12	54.61 3.28 -3.70	57.41 3.50 -0.02	71.70 4.06 0.00	82.50 5.03 0.00	71.25 3.84 0.00	60.34 3.42 0.00	55.69 3.59 -0.02	50.17 3.28 -0.02	46.06 3.25 -0.02	40.63 2.76 -0.01
NYPA__ASTORIA_CC2 323569	44.52 2.80 -0.01	40.70 2.52 -0.01	40.48 2.33 -0.01	39.22 2.22 -0.01	41.37 2.42 -0.01	48.76 3.02 -0.01	61.37 3.03 0.00	70.35 3.48 0.00	59.79 2.79 0.00	52.04 2.95 -0.67	51.50 2.85 -4.77	49.38 2.92 -2.20	52.33 2.91 -6.59	52.33 3.04 -5.12	54.61 3.28 -3.70	57.41 3.50 -0.02	71.70 4.06 0.00	82.50 5.03 0.00	71.25 3.84 0.00	60.34 3.42 0.00	55.69 3.59 -0.02	50.17 3.28 -0.02	46.06 3.25 -0.02	40.63 2.76 -0.01
NYPA__HOLTSVILL 23794	43.63 1.92 0.00	39.81 1.64 0.00	39.25 1.11 0.00	38.03 1.03 0.00	40.39 1.44 0.00	47.79 2.06 0.00	59.19 0.99 0.14	61.85 1.21 6.24	51.57 0.80 6.22	47.18 0.82 2.06	45.54 2.77 1.12	45.44 2.79 1.61	45.70 3.12 0.26	47.74 3.40 -0.18	49.90 3.72 1.44	55.72 1.83 0.01	71.08 3.45 0.00	82.49 5.03 0.00	70.70 3.30 0.00	60.22 3.30 0.00	54.48 2.40 0.00	48.70 1.83 0.01	46.04 3.25 0.00	40.92 3.07 0.00
NYPA____HELLGATE_GT1 24158	44.35 2.63 -0.01	40.66 2.48 -0.01	40.44 2.29 -0.01	39.22 2.22 -0.01	41.33 2.38 -0.01	48.71 2.97 -0.01	61.14 2.80 0.00	70.02 3.14 0.01	59.55 2.57 0.01	51.39 2.91 -0.07	53.88 2.85 -7.14	50.49 2.92 -3.31	46.40 2.87 -0.70	47.75 3.00 -0.59	51.32 3.24 -0.46	57.35 3.45 -0.01	71.35 3.72 0.01	82.18 4.73 0.01	70.97 3.57 0.01	60.10 3.19 0.01	55.64 3.54 -0.01	50.07 3.19 -0.01	45.96 3.17 -0.01	40.59 2.73 -0.01
NYPA____HELLGATE_GT2 24159	44.35 2.63 -0.01	40.66 2.48 -0.01	40.44 2.29 -0.01	39.22 2.22 -0.01	41.33 2.38 -0.01	48.71 2.97 -0.01	61.14 2.80 0.00	70.02 3.14 0.01	59.55 2.57 0.01	51.39 2.91 -0.07	53.88 2.85 -7.14	50.49 2.92 -3.31	46.40 2.87 -0.70	47.75 3.00 -0.59	51.32 3.24 -0.46	57.35 3.45 -0.01	71.35 3.72 0.01	82.18 4.73 0.01	70.97 3.57 0.01	60.10 3.19 0.01	55.64 3.54 -0.01	50.07 3.19 -0.01	45.96 3.17 -0.01	40.59 2.73 -0.01
NYS_BARGE__HYD 23848	39.67 -2.04 0.00	36.38 -1.79 0.00	36.24 -1.91 0.00	35.37 -1.63 0.00	36.61 -2.34 0.00	40.66 -5.08 0.00	50.87 -7.47 0.00	58.78 -8.09 0.00	50.55 -6.44 0.00	42.94 -5.47 0.01	38.21 -5.66 0.01	38.45 -5.80 0.01	37.54 -5.27 0.01	38.67 -5.48 0.01	40.75 -6.52 0.35	44.40 -7.06 2.44	58.63 -9.00 0.02	67.92 -9.53 0.01	59.44 -7.95 0.01	50.14 -6.78 0.01	45.25 -6.82 0.01	41.09 -5.77 0.01	37.98 -4.79 0.01	34.41 -3.44 0.00
OAK ORCHARD__HYD 24046	40.55 -1.17 0.00	37.10 -1.07 0.00	37.00 -1.14 0.00	35.92 -1.07 0.00	37.55 -1.40 0.00	43.04 -2.70 0.00	54.43 -3.91 0.00	62.67 -4.21 0.00	53.91 -3.08 0.00	45.80 -2.62 0.01	40.85 -3.03 0.01	41.20 -3.05 0.01	40.12 -2.70 0.01	41.37 -2.78 0.01	43.74 -3.67 0.22	48.16 -4.20 1.53	62.83 -4.80 0.01	72.73 -4.73 0.01	63.49 -3.91 0.01	53.39 -3.53 0.01	48.28 -3.80 0.01	43.73 -3.14 0.01	40.17 -2.61 0.01	36.00 -1.85 0.00

OAKDALE___35_KV_LOAD 356122	41.63 -0.08 0.00	38.05 -0.11 0.00	38.03 -0.11 0.00	36.85 -0.15 0.00	38.79 -0.16 0.00	45.23 -0.50 0.00	57.58 -0.76 0.00	66.14 -0.74 0.00	56.31 -0.68 0.00	47.79 -0.63 0.00	43.27 -0.61 0.00	43.68 -0.58 0.00	42.27 -0.56 0.00	43.72 -0.44 0.00	47.01 -0.52 0.09	52.59 -0.65 0.66	66.96 -0.68 0.00	76.76 -0.70 0.00	66.80 -0.61 0.00	56.41 -0.51 0.00	51.56 -0.52 0.00	46.31 -0.56 0.00	42.31 -0.47 0.00	37.44 -0.42 0.00
OCC_CHEM___DRP 24175	38.17 -3.55 0.00	34.85 -3.32 0.00	34.79 -3.36 0.00	33.63 -3.37 0.00	35.17 -3.78 0.00	39.08 -6.63 0.02	48.64 -9.68 0.02	56.49 -10.37 0.02	48.65 -8.32 0.02	41.42 -6.97 0.03	36.70 -7.15 0.03	36.93 -7.30 0.03	36.11 -6.68 0.03	36.44 -7.68 0.03	40.01 -7.24 0.37	43.93 -7.44 2.52	56.03 -11.57 0.04	64.96 -12.47 0.03	56.99 -10.38 0.03	49.06 -7.86 0.02	44.26 -7.81 0.02	40.34 -6.52 0.02	37.30 -5.48 0.02	33.88 -3.97 0.00
OH_GEN_PROXY 24063	39.42 -2.29 0.00	36.11 -2.06 0.00	35.93 -2.21 0.00	35.04 -1.96 0.00	36.13 -2.61 0.21	39.35 -4.98 1.40	52.60 -7.35 -1.61	64.92 -8.03 -6.07	44.55 -6.38 6.06	42.99 -5.42 0.01	38.30 -5.57 0.01	38.54 -5.71 0.01	37.63 -5.18 0.01	38.71 -5.43 0.01	40.75 -6.52 0.35	44.02 -7.38 2.49	53.51 -8.93 5.20	73.18 -9.45 -5.17	59.51 -7.89 0.01	50.08 -6.83 0.01	45.25 -6.82 0.01	41.14 -5.72 0.01	38.02 -4.75 0.01	34.37 -3.48 0.00
OLIN_CORP_DRP 24177	39.34 -2.38 0.00	35.96 -2.21 0.00	35.93 -2.21 0.00	34.70 -2.29 0.00	36.30 -2.65 0.00	40.02 -5.72 0.00	49.94 -8.40 0.00	57.98 -8.89 0.00	49.87 -7.12 0.00	42.40 -6.00 0.01	37.68 -6.19 0.01	37.96 -6.29 0.01	37.07 -5.74 0.01	37.61 -6.54 0.01	40.02 -7.24 0.37	43.57 -7.76 2.57	57.74 -9.88 0.02	66.84 -10.61 0.01	58.63 -8.76 0.01	49.34 -7.57 0.02	44.57 -7.50 0.02	40.58 -6.28 0.02	37.47 -5.31 0.02	34.07 -3.79 0.00
OLIN_CORP_DSASP 323712	38.17 -3.55 0.00	34.85 -3.32 0.00	34.79 -3.36 0.00	33.63 -3.37 0.00	35.17 -3.78 0.00	39.08 -6.63 0.02	48.64 -9.68 0.02	56.49 -10.37 0.02	48.65 -8.32 0.02	41.42 -6.97 0.03	36.70 -7.15 0.03	36.93 -7.30 0.03	36.11 -6.68 0.03	36.44 -7.68 0.03	40.01 -7.24 0.37	43.93 -7.44 2.52	56.03 -11.57 0.04	64.96 -12.47 0.03	56.99 -10.38 0.03	49.06 -7.86 0.02	44.26 -7.81 0.02	40.34 -6.52 0.02	37.30 -5.48 0.02	33.88 -3.97 0.00
ONEIDA_HERK_LFGE 323681	42.38 0.67 0.00	38.86 0.69 0.00	38.91 0.76 0.00	37.63 0.63 0.00	39.72 0.78 0.00	46.70 0.96 0.00	59.68 1.34 0.00	68.42 1.54 0.00	58.19 1.20 0.00	49.10 0.68 0.00	44.28 0.39 0.00	44.70 0.44 0.00	43.21 0.38 0.00	44.60 0.44 0.00	48.24 0.62 0.00	54.75 0.86 0.00	68.79 1.15 0.00	78.55 1.08 0.00	68.48 1.08 0.00	57.66 0.74 0.00	52.71 0.63 0.00	47.53 0.66 0.00	43.22 0.43 0.00	38.16 0.30 0.00
ONEIDA___115KV_TB4 55905	42.47 0.75 0.00	38.86 0.69 0.00	38.91 0.76 0.00	37.66 0.67 0.00	39.72 0.78 0.00	46.70 0.96 0.00	59.62 1.28 0.00	68.35 1.47 0.00	58.19 1.20 0.00	49.15 0.73 0.00	44.46 0.57 0.00	44.84 0.58 0.00	43.38 0.56 0.00	44.82 0.66 0.00	48.43 0.81 0.00	54.92 1.02 0.00	69.13 1.49 0.00	78.94 1.47 0.00	68.75 1.35 0.00	57.95 1.02 0.00	52.87 0.78 0.00	47.62 0.75 0.00	43.34 0.56 0.00	38.31 0.45 0.00
ONONDAGA_REF_OCCRA 23987	41.13 -0.58 0.00	37.56 -0.61 0.00	37.53 -0.61 0.00	36.41 -0.59 0.00	38.28 -0.66 0.00	44.87 -0.87 0.00	57.17 -1.17 0.00	65.68 -1.20 0.00	56.02 -0.97 0.00	47.55 -0.87 0.00	43.01 -0.88 0.00	43.38 -0.89 0.00	42.02 -0.81 0.00	43.37 -0.79 0.00	46.82 -0.90 -0.10	53.57 -1.02 -0.70	66.43 -1.22 -0.01	76.23 -1.24 0.00	66.40 -1.01 0.00	56.02 -0.91 0.00	51.10 -0.99 0.00	46.08 -0.80 0.00	42.02 -0.77 0.00	37.17 -0.68 0.00
ONONDAGA___COGEN 23986	41.13 -0.58 0.00	37.56 -0.61 0.00	37.53 -0.61 0.00	36.41 -0.59 0.00	38.32 -0.62 0.00	44.87 -0.87 0.00	57.17 -1.17 0.00	65.68 -1.20 0.00	56.02 -0.97 0.00	47.60 -0.82 0.00	43.05 -0.83 0.00	43.42 -0.84 0.00	42.06 -0.77 0.00	43.37 -0.79 0.00	46.76 -0.86 0.00	52.87 -1.02 0.00	66.49 -1.15 0.00	76.22 -1.24 0.00	66.39 -1.01 0.00	56.02 -0.91 0.00	51.10 -0.99 0.00	46.03 -0.84 0.00	42.02 -0.77 0.00	37.17 -0.68 0.00
ONTARIO___LFGE 23819	40.88 -0.83 0.00	37.37 -0.80 0.00	37.30 -0.84 0.00	36.22 -0.78 0.00	38.01 -0.94 0.00	44.13 -1.60 0.00	56.18 -2.16 0.00	64.61 -2.27 0.00	55.40 -1.60 0.00	46.97 -1.45 0.00	42.17 -1.71 0.00	42.53 -1.73 0.00	41.28 -1.54 0.00	42.61 -1.55 0.00	45.60 -1.95 0.07	51.17 -2.21 0.51	65.13 -2.50 0.00	75.14 -2.32 0.00	65.45 -1.96 0.00	55.10 -1.82 0.00	50.00 -2.08 0.00	45.14 -1.73 0.00	41.25 -1.54 0.00	36.64 -1.21 0.00
ORANGEVILLE_WT_PWR 323706	39.63 -2.08 0.00	36.34 -1.83 0.00	36.20 -1.94 0.00	35.30 -1.70 0.00	36.53 -2.41 0.00	41.16 -4.57 0.00	51.57 -6.77 0.00	59.32 -7.56 0.00	50.49 -6.50 0.00	42.68 -5.71 0.02	38.29 -5.57 0.02	38.44 -5.80 0.02	37.41 -5.40 0.02	38.44 -5.70 0.02	40.85 -6.14 0.63	42.49 -6.90 4.50	58.88 -8.73 0.03	67.99 -9.45 0.02	59.43 -7.95 0.02	50.07 -6.83 0.03	45.49 -6.56 0.03	41.08 -5.77 0.03	37.76 -5.01 0.03	33.92 -3.94 0.00
ORANGEVILLE___ESR 323794	39.63 -2.08 0.00	36.34 -1.83 0.00	36.20 -1.94 0.00	35.30 -1.70 0.00	36.53 -2.41 0.00	41.16 -4.57 0.00	51.57 -6.77 0.00	59.32 -7.56 0.00	50.49 -6.50 0.00	42.68 -5.71 0.02	38.29 -5.57 0.02	38.44 -5.80 0.02	37.41 -5.40 0.02	38.44 -5.70 0.02	40.85 -6.14 0.63	42.49 -6.90 4.50	58.88 -8.73 0.03	67.99 -9.45 0.02	59.43 -7.95 0.02	50.07 -6.83 0.03	45.49 -6.56 0.03	41.08 -5.77 0.03	37.76 -5.01 0.03	33.92 -3.94 0.00
OSWEGATCHIE___HYD 24044	42.38 0.67 0.00	38.86 0.69 0.00	38.95 0.80 0.00	37.70 0.70 0.00	39.77 0.82 0.00	46.65 0.91 0.00	59.74 1.40 0.00	68.48 1.60 0.00	58.31 1.31 0.00	49.15 0.73 0.00	44.28 0.39 0.00	44.70 0.44 0.00	43.21 0.38 0.00	44.51 0.35 0.00	48.20 0.57 0.00	54.81 0.92 0.00	68.31 0.68 0.00	77.77 0.31 0.00	67.88 0.48 0.00	57.27 0.34 0.00	52.55 0.47 0.00	47.62 0.75 0.00	43.17 0.38 0.00	38.12 0.27 0.00
OSWEGO___5 23606	40.50 -1.21 0.00	37.03 -1.14 0.00	37.00 -1.14 0.00	35.89 -1.11 0.00	37.74 -1.21 0.00	44.18 -1.56 0.00	56.30 -2.04 0.00	64.54 -2.34 0.00	55.11 -1.88 0.00	46.83 -1.60 0.00	42.31 -1.58 0.00	42.67 -1.59 0.00	41.33 -1.50 0.00	42.66 -1.50 0.00	45.91 -1.71 0.00	51.96 -1.94 0.00	65.27 -2.37 0.00	74.91 -2.55 0.00	65.25 -2.16 0.00	55.05 -1.88 0.00	50.26 -1.82 0.00	45.28 -1.59 0.00	41.33 -1.45 0.00	36.61 -1.25 0.00
OSWEGO___6 23613	40.50 -1.21 0.00	37.03 -1.14 0.00	37.00 -1.14 0.00	35.89 -1.11 0.00	37.74 -1.21 0.00	44.18 -1.56 0.00	56.30 -2.04 0.00	64.54 -2.34 0.00	55.11 -1.88 0.00	46.83 -1.60 0.00	42.31 -1.58 0.00	42.67 -1.59 0.00	41.33 -1.50 0.00	42.66 -1.50 0.00	45.91 -1.71 0.00	51.96 -1.94 0.00	65.27 -2.37 0.00	74.91 -2.55 0.00	65.25 -2.16 0.00	55.05 -1.88 0.00	50.26 -1.82 0.00	45.28 -1.59 0.00	41.33 -1.45 0.00	36.61 -1.25 0.00

OUTOKUMPU-AB___DRP 24206	39.42 -2.29 0.00	36.03 -2.14 0.00	35.97 -2.17 0.00	34.78 -2.22 0.00	36.38 -2.57 0.00	40.38 -5.35 0.01	50.40 -7.93 0.01	58.58 -8.29 0.01	50.32 -6.67 0.01	42.74 -5.67 0.02	38.12 -5.75 0.02	38.40 -5.84 0.02	37.50 -5.31 0.02	38.14 -6.01 0.02	41.05 -6.19 0.38	44.67 -6.58 2.64	58.50 -9.13 0.01	67.61 -9.84 0.02	59.30 -8.09 0.02	50.31 -6.60 0.02	45.51 -6.56 0.02	41.28 -5.58 0.02	38.07 -4.71 0.02	34.45 -3.41 0.00
OXBOW___BTM 323836	38.88 -2.84 0.00	35.61 -2.56 0.00	35.44 -2.71 0.00	34.55 -2.44 0.00	35.83 -3.12 0.00	39.91 -5.81 0.01	49.87 -8.46 0.01	57.64 -9.23 0.01	49.57 -7.41 0.01	42.15 -6.25 0.03	37.50 -6.36 0.03	37.69 -6.55 0.03	36.85 -5.95 0.03	37.95 -6.18 0.03	40.63 -6.62 0.37	44.41 -6.90 2.58	57.35 -10.28 0.01	66.52 -10.92 0.03	58.21 -9.17 0.03	49.74 -7.17 0.02	44.94 -7.13 0.02	40.81 -6.05 0.02	37.81 -4.96 0.02	34.18 -3.67 0.00
OXBOW___ 24026	38.88 -2.84 0.00	35.50 -2.67 0.00	35.44 -2.71 0.00	34.26 -2.74 0.00	35.83 -3.12 0.00	39.78 -5.95 0.01	49.58 -8.75 0.01	57.64 -9.23 0.01	49.57 -7.41 0.01	42.15 -6.25 0.03	37.45 -6.41 0.03	37.73 -6.51 0.03	36.85 -5.95 0.03	37.38 -6.76 0.03	40.58 -6.67 0.37	44.41 -6.90 2.58	57.35 -10.28 0.01	66.36 -11.08 0.03	58.21 -9.17 0.03	49.74 -7.17 0.02	44.93 -7.14 0.02	40.86 -6.00 0.02	37.72 -5.05 0.02	34.18 -3.67 0.00
OXY_CHEM_DSASP 323612	38.17 -3.55 0.00	34.85 -3.32 0.00	34.79 -3.36 0.00	33.63 -3.37 0.00	35.17 -3.78 0.00	39.08 -6.63 0.02	48.64 -9.68 0.02	56.49 -10.37 0.02	48.65 -8.32 0.02	41.42 -6.97 0.03	36.70 -7.15 0.03	36.93 -7.30 0.03	36.11 -6.68 0.03	36.44 -7.68 0.03	40.01 -7.24 0.37	43.93 -7.44 2.52	56.03 -11.57 0.04	64.96 -12.47 0.03	56.99 -10.38 0.03	49.06 -7.86 0.02	44.26 -7.81 0.02	40.34 -6.52 0.02	37.30 -5.48 0.02	33.88 -3.97 0.00
OZONE_PARK_ESR 323760	44.68 2.96 -0.01	40.81 2.63 -0.01	40.51 2.36 0.00	39.25 2.26 0.00	41.36 2.41 0.00	48.76 3.02 -0.01	62.02 3.68 0.00	71.16 4.28 0.00	60.47 3.48 0.00	52.40 3.44 -0.54	51.04 3.29 -3.86	49.41 3.36 -1.78	51.46 3.30 -5.34	51.89 3.58 -4.15	54.43 3.81 -3.00	57.90 3.99 -0.01	72.58 4.94 0.00	83.58 6.12 0.00	72.19 4.79 0.00	61.03 4.10 0.00	56.21 4.11 -0.01	50.40 3.52 -0.01	46.22 3.42 -0.01	40.66 2.80 -0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.17 -3.55 0.00	34.85 -3.32 0.00	34.79 -3.36 0.00	33.63 -3.37 0.00	35.17 -3.78 0.00	39.08 -6.63 0.02	48.64 -9.68 0.02	56.49 -10.37 0.02	48.65 -8.32 0.02	41.42 -6.97 0.03	36.70 -7.15 0.03	36.93 -7.30 0.03	36.11 -6.68 0.03	36.44 -7.68 0.03	40.01 -7.24 0.37	43.93 -7.44 2.52	56.03 -11.57 0.04	64.96 -12.47 0.03	56.99 -10.38 0.03	49.06 -7.86 0.02	44.26 -7.81 0.02	40.34 -6.52 0.02	37.30 -5.48 0.02	33.88 -3.97 0.00
PACKARD___115KV_DUPONT_184 80571	38.17 -3.55 0.00	35.00 -3.17 0.00	34.79 -3.36 0.00	33.93 -3.07 0.00	35.17 -3.78 0.00	39.22 -6.49 0.02	48.87 -9.45 0.02	56.50 -10.36 0.02	48.71 -8.26 0.02	41.42 -6.97 0.03	36.75 -7.11 0.03	36.93 -7.30 0.03	36.12 -6.68 0.03	37.20 -6.93 0.03	40.06 -7.19 0.37	43.99 -7.38 2.52	56.03 -11.57 0.04	65.11 -12.32 0.03	56.99 -10.38 0.03	49.06 -7.86 0.02	44.26 -7.81 0.02	40.30 -6.56 0.02	37.38 -5.39 0.02	33.88 -3.97 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.35 2.63 -0.01	40.66 2.48 -0.01	40.48 2.33 -0.01	39.30 2.29 -0.01	41.37 2.41 -0.01	48.76 3.02 -0.01	61.26 2.92 0.00	70.02 3.14 0.00	59.56 2.56 0.00	51.15 2.71 -0.02	46.73 2.68 -0.16	47.03 2.70 -0.07	45.75 2.70 -0.23	47.25 2.91 -0.18	50.80 3.05 -0.13	57.20 3.29 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.49 3.39 -0.02	49.94 3.05 -0.02	45.89 3.08 -0.02	40.59 2.73 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.81 3.09 -0.01	41.12 2.94 -0.01	40.90 2.75 -0.01	39.71 2.70 -0.01	41.84 2.88 -0.01	49.22 3.48 -0.01	61.90 3.56 0.00	70.83 3.95 0.00	60.18 3.19 0.00	51.63 3.20 -0.02	47.17 3.12 -0.16	47.47 3.14 -0.07	46.14 3.08 -0.23	47.69 3.36 -0.18	51.27 3.52 -0.13	57.68 3.77 -0.02	72.10 4.46 0.00	83.04 5.58 0.00	71.65 4.25 0.00	60.68 3.76 0.00	56.01 3.91 -0.02	50.41 3.52 -0.02	46.31 3.51 -0.02	40.97 3.10 -0.01
PATROON___115KV_TB1 80586	42.34 0.63 0.00	38.82 0.65 0.00	38.75 0.61 0.00	37.63 0.63 0.00	39.57 0.62 0.00	46.74 1.01 0.00	59.57 1.23 0.00	68.15 1.27 0.00	57.96 0.97 0.00	49.34 0.92 0.00	44.85 0.97 0.00	45.15 0.89 0.00	43.64 0.81 0.00	45.09 0.93 0.00	48.67 1.05 0.00	55.19 1.29 0.00	69.26 1.62 0.00	79.25 1.78 0.00	68.96 1.55 0.00	58.12 1.20 0.00	53.28 1.20 0.00	47.95 1.08 0.00	43.82 1.03 0.00	38.80 0.95 0.00
PATTRSNVILLE___SOLAR 323815	42.55 0.83 0.00	38.97 0.80 0.00	38.91 0.76 0.00	37.70 0.70 0.00	39.80 0.86 0.00	46.92 1.19 0.00	59.86 1.51 0.00	68.62 1.74 0.00	58.02 1.03 0.00	48.91 0.48 0.00	44.37 0.48 0.00	44.53 0.27 0.00	43.04 0.22 0.00	44.51 0.35 0.00	48.38 0.76 0.00	54.97 1.08 0.00	69.33 1.69 0.00	79.40 1.94 0.00	69.23 1.82 0.00	58.29 1.36 0.00	53.39 1.30 0.00	48.05 1.17 0.00	43.81 1.03 0.00	38.69 0.83 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.55 -2.17 0.00	36.18 -1.98 0.00	36.12 -2.02 0.00	34.96 -2.03 0.00	36.53 -2.41 0.00	40.98 -4.76 0.00	51.46 -6.88 0.00	59.52 -7.36 0.00	50.78 -6.21 0.00	43.03 -5.37 0.02	39.31 -4.56 0.02	39.95 -4.29 0.02	38.61 -4.20 0.02	40.48 -3.67 0.02	43.04 -4.14 0.43	46.14 -4.69 3.07	61.87 -5.75 0.02	70.17 -7.28 0.02	61.05 -6.34 0.02	51.56 -5.35 0.02	47.33 -4.74 0.02	42.26 -4.59 0.02	38.58 -4.19 0.02	34.34 -3.52 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.09 2.38 0.00	40.34 2.18 0.00	40.09 1.95 0.00	38.88 1.89 0.00	41.01 2.06 0.00	48.34 2.61 0.00	61.49 3.15 0.00	70.42 3.54 0.00	59.79 2.79 0.00	51.09 2.66 0.00	46.39 2.50 0.00	46.92 2.66 0.00	45.44 2.61 0.00	47.07 2.91 0.00	50.77 3.14 0.00	57.24 3.34 0.00	71.76 4.13 0.00	82.50 5.04 0.00	71.32 3.91 0.00	60.29 3.36 0.00	55.42 3.33 0.00	49.73 2.86 0.00	45.48 2.70 0.00	40.13 2.27 0.00
PEEKSKILL___ 23653	43.80 2.08 0.00	40.04 1.87 0.00	39.78 1.64 0.00	38.59 1.59 0.00	40.70 1.75 0.00	48.02 2.29 0.00	61.03 2.69 0.00	69.96 3.08 0.00	59.39 2.39 0.00	50.81 2.37 -0.01	46.31 2.32 -0.10	46.69 2.39 -0.05	45.32 2.35 -0.14	46.74 2.47 -0.11	50.41 2.71 -0.08	56.75 2.85 0.00	71.15 3.51 0.00	81.88 4.41 0.00	70.77 3.37 0.00	59.88 2.96 0.00	55.00 2.92 0.00	49.45 2.58 0.00	45.27 2.48 0.00	39.94 2.08 0.00
PGE MADISON___WINDPWR 24146	43.88 2.17 0.00	40.31 2.14 0.00	40.36 2.21 0.00	38.96 1.96 0.00	41.24 2.30 0.00	48.30 2.56 0.00	61.67 3.33 0.00	70.62 3.75 0.00	59.90 2.91 0.00	49.94 1.50 -0.02	45.13 1.23 -0.02	45.56 1.28 -0.02	44.13 1.28 -0.02	45.59 1.41 -0.02	49.89 1.81 -0.46	59.53 2.37 -3.26	71.11 3.45 -0.02	81.51 4.03 -0.02	70.93 3.51 -0.02	59.51 2.56 -0.02	54.03 1.93 -0.02	48.39 1.50 -0.02	43.75 0.94 -0.02	38.54 0.68 0.00

PIERCEFIELD___HYD 23852	42.67 0.96 0.00	39.12 0.95 0.00	39.17 1.03 0.00	38.00 1.00 0.00	40.00 1.05 0.00	47.06 1.33 0.00	60.33 1.98 0.00	69.09 2.21 0.00	58.99 1.99 0.00	49.73 1.31 0.00	44.98 1.10 0.00	45.46 1.20 0.00	43.90 1.07 0.00	45.18 1.02 0.00	48.86 1.24 0.00	55.51 1.62 0.00	69.06 1.42 0.00	78.32 0.85 0.00	68.35 0.94 0.00	57.72 0.80 0.00	53.18 1.09 0.00	48.09 1.22 0.00	43.64 0.86 0.00	38.58 0.72 0.00
PINELAWN_CC_1 323563	44.01 2.29 0.00	40.11 1.95 0.00	39.63 1.49 0.00	38.40 1.41 0.00	40.70 1.75 0.00	48.02 2.29 0.00	59.15 0.93 0.12	62.50 0.94 5.32	52.26 0.57 5.30	47.49 0.82 1.76	45.67 2.77 0.98	45.59 2.70 1.37	45.70 3.12 0.26	47.65 3.31 -0.18	49.88 3.47 1.22	55.72 1.83 0.00	70.61 2.97 0.00	82.03 4.57 0.00	70.64 3.24 0.00	60.11 3.19 0.00	54.37 2.29 0.00	48.79 1.92 0.00	46.08 3.29 0.00	40.92 3.07 0.00
PJM_GEN_HTTP_PROXY 323702	44.26 2.54 0.00	40.43 2.25 0.00	40.16 2.02 0.00	38.92 1.92 0.00	40.88 2.14 0.21	47.04 2.70 1.39	63.10 3.15 -1.61	76.69 3.74 -6.07	53.89 2.96 6.07	51.78 2.95 -0.41	49.70 2.90 -2.92	48.57 2.97 -1.35	49.78 2.91 -4.04	50.35 3.04 -3.14	53.22 3.33 -2.27	57.36 3.45 -0.01	66.72 4.26 5.18	87.91 5.27 -5.18	71.52 4.11 0.00	60.46 3.53 0.00	55.64 3.54 -0.01	49.93 3.05 -0.01	45.75 2.95 -0.01	40.36 2.50 0.00
PJM_GEN_KEystone 24065	41.47 -0.25 0.00	37.98 -0.19 0.00	37.80 -0.34 0.00	36.74 -0.26 0.00	38.27 -0.47 0.21	43.20 -1.14 1.40	58.08 -1.87 -1.61	70.94 -2.00 -6.07	48.99 -1.94 6.07	46.90 -1.55 -0.03	42.74 -1.41 -0.26	42.96 -1.42 -0.12	41.95 -1.24 -0.36	43.07 -1.37 -0.28	46.18 -1.38 0.06	50.30 -1.67 1.92	60.28 -2.17 5.19	80.70 -1.93 -5.17	65.58 -1.82 0.01	55.38 -1.53 0.01	50.67 -1.40 0.01	45.55 -1.31 0.01	41.71 -1.07 0.01	37.10 -0.76 0.00
PJM_GEN_NEPTUNE_PROXY 323594	43.72 2.00 0.00	39.85 1.68 0.00	39.40 1.26 0.00	38.18 1.18 0.00	40.25 1.52 0.21	46.35 2.01 1.40	61.14 1.34 -1.46	67.81 1.54 0.61	45.35 1.08 12.73	47.57 1.35 2.20	45.87 3.16 1.18	45.68 3.14 1.72	46.00 3.43 0.26	47.87 3.53 -0.18	49.89 3.81 1.54	56.05 2.16 0.01	65.90 3.45 5.19	87.67 5.03 -5.17	71.10 3.70 0.01	60.16 3.24 0.01	54.58 2.50 0.01	48.93 2.06 0.01	45.65 2.87 0.00	40.50 2.65 0.00
PJM_GEN_VFT_PROXY 323633	44.22 2.50 -0.01	40.35 2.17 -0.01	40.09 1.94 0.00	38.85 1.85 0.00	40.80 2.06 0.21	46.95 2.61 1.39	62.98 3.03 -1.61	76.62 3.68 -6.07	53.89 2.96 6.07	52.01 3.05 -0.54	50.73 2.99 -3.86	49.09 3.05 -1.78	51.16 3.00 -5.33	51.45 3.14 -4.15	54.00 3.38 -3.00	57.36 3.45 -0.01	66.65 4.20 5.18	87.91 5.27 -5.18	71.45 4.04 0.00	60.46 3.53 0.00	55.64 3.54 -0.01	49.93 3.05 -0.01	45.75 2.95 -0.01	40.32 2.46 -0.01
PLATSBURG_115KV_PMLD1 355749	41.84 0.13 0.00	38.32 0.15 0.00	38.37 0.23 0.00	37.26 0.26 0.00	39.22 0.27 0.00	46.19 0.46 0.00	59.16 0.82 0.00	67.82 0.94 0.00	58.02 1.03 0.00	49.10 0.68 0.00	44.59 0.70 0.00	45.06 0.80 0.00	43.56 0.73 0.00	44.78 0.62 0.00	48.43 0.81 0.00	54.92 1.02 0.00	68.59 0.95 0.00	78.24 0.77 0.00	68.15 0.74 0.00	57.67 0.74 0.00	52.81 0.73 0.00	47.34 0.47 0.00	42.87 0.09 0.00	37.70 -0.15 0.00
PLEASANTVLY___LBMP 24000	43.59 1.88 0.00	39.85 1.68 0.00	39.63 1.49 0.00	38.44 1.44 0.00	40.54 1.60 0.00	47.79 2.06 0.00	60.73 2.39 0.00	69.55 2.68 0.00	59.10 2.11 0.00	50.55 2.13 0.00	45.99 2.11 0.00	46.39 2.12 0.00	44.93 2.10 0.00	46.46 2.30 0.00	50.05 2.43 0.00	56.43 2.53 0.00	70.75 3.11 0.00	81.34 3.87 0.00	70.37 2.97 0.00	59.49 2.56 0.00	54.69 2.60 0.00	49.17 2.30 0.00	45.06 2.27 0.00	39.75 1.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.97 2.25 0.00	40.19 2.02 0.00	39.94 1.79 0.00	38.74 1.74 0.00	40.85 1.91 0.00	48.16 2.42 0.00	61.20 2.86 0.00	70.09 3.21 0.00	59.56 2.56 0.00	51.01 2.61 0.03	46.24 2.55 0.20	46.74 2.57 0.09	45.13 2.57 0.27	46.73 2.78 0.21	50.38 2.90 0.15	56.97 3.07 0.00	71.43 3.79 0.00	82.19 4.73 0.00	71.05 3.64 0.00	60.06 3.13 0.00	55.21 3.13 0.00	49.59 2.72 0.00	45.48 2.70 0.00	40.09 2.23 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.97 2.25 0.00	40.19 2.02 0.00	39.94 1.79 0.00	38.74 1.74 0.00	40.85 1.91 0.00	48.16 2.42 0.00	61.20 2.86 0.00	70.09 3.21 0.00	59.56 2.56 0.00	51.01 2.61 0.03	46.24 2.55 0.20	46.74 2.57 0.09	45.13 2.57 0.27	46.73 2.78 0.21	50.38 2.90 0.15	56.97 3.07 0.00	71.43 3.79 0.00	82.19 4.73 0.00	71.05 3.64 0.00	60.06 3.13 0.00	55.21 3.13 0.00	49.59 2.72 0.00	45.48 2.70 0.00	40.09 2.23 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.76 2.04 0.00	40.00 1.83 0.00	39.82 1.68 0.00	38.63 1.63 0.00	40.74 1.79 0.00	47.98 2.24 0.00	61.08 2.74 0.00	69.96 3.08 0.00	59.27 2.28 0.00	50.70 2.28 0.00	46.08 2.19 0.00	46.47 2.21 0.00	45.01 2.18 0.00	46.59 2.43 0.00	50.19 2.57 0.00	56.64 2.75 0.00	71.09 3.45 0.00	81.72 4.26 0.00	70.84 3.44 0.00	59.83 2.90 0.00	55.05 2.97 0.00	49.45 2.58 0.00	45.27 2.48 0.00	39.90 2.04 0.00
POLETTI_____ 23519	44.35 2.63 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.23 2.22 -0.01	41.33 2.38 -0.01	48.72 2.97 -0.01	61.20 2.86 0.00	70.02 3.14 0.00	59.61 2.62 0.00	51.92 2.95 -0.54	50.65 2.94 -3.82	48.99 2.97 -1.77	51.07 2.96 -5.28	51.88 3.18 -4.54	54.65 3.33 -3.70	57.41 3.50 -0.02	71.43 3.79 0.00	82.27 4.80 0.00	70.98 3.57 0.00	60.11 3.19 0.00	55.75 3.65 -0.02	50.08 3.19 -0.02	46.06 3.25 -0.02	40.59 2.73 -0.01
POMONA___ESR 323819	43.84 2.13 0.00	40.08 1.91 0.00	39.82 1.68 0.00	38.62 1.63 0.00	40.74 1.79 0.00	48.07 2.33 0.00	61.08 2.74 0.00	70.02 3.14 0.00	59.39 2.39 0.00	50.79 2.37 0.00	46.21 2.32 0.00	46.65 2.39 0.00	45.18 2.35 0.00	46.63 2.47 0.00	50.34 2.71 0.00	56.75 2.85 0.00	71.15 3.51 0.00	81.95 4.49 0.00	70.91 3.50 0.00	59.94 3.02 0.00	55.10 3.02 0.00	49.50 2.62 0.00	45.31 2.52 0.00	39.98 2.12 0.00
PORT_JEFF_3 23555	43.72 2.00 0.00	39.89 1.72 0.00	39.33 1.18 0.00	38.11 1.11 0.00	40.46 1.52 0.00	47.88 2.15 0.00	59.31 1.11 0.14	61.99 1.34 6.22	51.69 0.91 6.21	47.28 0.92 2.06	45.58 2.81 1.11	45.49 2.84 1.60	45.78 3.21 0.26	47.82 3.49 -0.18	50.00 3.81 1.43	55.88 2.00 0.01	71.28 3.65 0.00	82.80 5.34 0.00	70.90 3.50 0.00	60.39 3.47 0.00	54.63 2.55 0.00	48.84 1.97 0.01	46.13 3.34 0.00	40.96 3.10 0.00
PORT_JEFF_4 23616	43.72 2.00 0.00	39.89 1.72 0.00	39.33 1.18 0.00	38.11 1.11 0.00	40.46 1.52 0.00	47.88 2.15 0.00	59.31 1.11 0.14	61.99 1.34 6.22	51.69 0.91 6.21	47.28 0.92 2.06	45.58 2.81 1.11	45.49 2.84 1.60	45.78 3.21 0.26	47.82 3.49 -0.18	50.00 3.81 1.43	55.88 2.00 0.01	71.28 3.65 0.00	82.80 5.34 0.00	70.90 3.50 0.00	60.39 3.47 0.00	54.63 2.55 0.00	48.84 1.97 0.01	46.13 3.34 0.00	40.96 3.10 0.00

PORT_JEFF_IC 23713	43.76 2.04 0.00	40.12 1.95 0.00	39.36 1.22 0.00	38.48 1.48 0.00	40.54 1.60 0.00	47.84 2.10 0.00	59.43 1.23 0.14	62.10 1.40 6.19	51.79 0.97 6.17	47.30 0.92 2.04	45.67 2.90 1.11	45.41 2.74 1.59	45.83 3.25 0.26	47.96 3.62 -0.18	50.06 3.86 1.42	55.94 2.05 0.01	71.42 3.79 0.00	83.27 5.81 0.00	70.97 3.57 0.00	60.45 3.53 0.00	54.74 2.66 0.00	48.93 2.06 0.01	46.30 3.51 0.00	41.04 3.18 0.00
PPL PILGRIM_ST_GT1 24216	44.17 2.46 0.00	40.27 2.10 0.00	39.75 1.60 0.00	38.51 1.52 0.00	40.89 1.95 0.00	48.29 2.56 0.00	59.37 1.17 0.13	62.09 1.21 6.00	51.75 0.74 5.98	47.31 0.87 1.98	45.70 2.90 1.08	45.50 2.79 1.55	46.17 3.60 0.26	48.09 3.75 -0.18	49.91 3.67 1.38	56.37 2.48 0.00	71.76 4.13 0.00	83.34 5.88 0.00	71.72 4.32 0.00	60.85 3.92 0.00	55.05 2.97 0.00	49.26 2.39 0.00	46.25 3.46 0.00	41.11 3.26 0.00
PPL PILGRIM_ST_GT2 24217	44.17 2.46 0.00	40.27 2.10 0.00	39.75 1.60 0.00	38.51 1.52 0.00	40.89 1.95 0.00	48.29 2.56 0.00	59.37 1.17 0.13	62.09 1.21 6.00	51.75 0.74 5.98	47.31 0.87 1.98	45.70 2.90 1.08	45.50 2.79 1.55	46.17 3.60 0.26	48.09 3.75 -0.18	49.91 3.67 1.38	56.37 2.48 0.00	71.76 4.13 0.00	83.34 5.88 0.00	71.72 4.32 0.00	60.85 3.92 0.00	55.05 2.97 0.00	49.26 2.39 0.00	46.25 3.46 0.00	41.11 3.26 0.00
PPL_SHRM_GT3 24213	43.55 1.83 0.00	39.81 1.64 0.00	39.17 1.03 0.00	37.92 0.93 0.00	40.31 1.36 0.00	47.97 2.24 0.00	59.43 1.23 0.14	62.08 1.41 6.20	51.71 0.91 6.19	46.91 0.53 2.05	45.06 2.28 1.11	45.18 2.52 1.60	45.48 2.91 0.26	47.82 3.49 -0.18	50.10 3.91 1.43	55.72 1.83 0.01	71.56 3.92 0.00	82.96 5.50 0.00	70.17 2.76 0.00	60.45 3.53 0.00	54.63 2.55 0.00	48.55 1.69 0.01	46.34 3.55 0.00	41.15 3.29 0.00
PPL_SHRM_GT4 24214	43.55 1.83 0.00	39.81 1.64 0.00	39.17 1.03 0.00	37.92 0.93 0.00	40.31 1.36 0.00	47.97 2.24 0.00	59.43 1.23 0.14	62.08 1.41 6.20	51.71 0.91 6.19	46.91 0.53 2.05	45.06 2.28 1.11	45.18 2.52 1.60	45.48 2.91 0.26	47.82 3.49 -0.18	50.10 3.91 1.43	55.72 1.83 0.01	71.56 3.92 0.00	82.96 5.50 0.00	70.17 2.76 0.00	60.45 3.53 0.00	54.63 2.55 0.00	48.55 1.69 0.01	46.34 3.55 0.00	41.15 3.29 0.00
PROJECT___ORANGE 1 24174	40.92 -0.79 0.00	37.41 -0.76 0.00	37.38 -0.76 0.00	36.22 -0.78 0.00	38.13 -0.82 0.00	44.64 -1.10 0.00	56.82 -1.52 0.00	65.27 -1.61 0.00	55.74 -1.25 0.00	47.36 -1.07 0.00	42.83 -1.05 0.00	43.24 -1.02 0.00	41.89 -0.94 0.00	43.19 -0.97 0.00	46.53 -1.10 0.00	52.60 -1.29 0.00	66.08 -1.56 0.00	75.76 -1.70 0.00	65.99 -1.42 0.00	55.67 -1.25 0.00	50.78 -1.30 0.00	45.80 -1.08 0.00	41.80 -0.98 0.00	37.02 -0.83 0.00
PROJECT___ORANGE 2 24166	40.92 -0.79 0.00	37.41 -0.76 0.00	37.38 -0.76 0.00	36.22 -0.78 0.00	38.13 -0.82 0.00	44.64 -1.10 0.00	56.82 -1.52 0.00	65.27 -1.61 0.00	55.74 -1.25 0.00	47.36 -1.07 0.00	42.83 -1.05 0.00	43.24 -1.02 0.00	41.89 -0.94 0.00	43.19 -0.97 0.00	46.53 -1.10 0.00	52.60 -1.29 0.00	66.08 -1.56 0.00	75.76 -1.70 0.00	65.99 -1.42 0.00	55.67 -1.25 0.00	50.78 -1.30 0.00	45.80 -1.08 0.00	41.80 -0.98 0.00	37.02 -0.83 0.00
PUCKETT___SOLAR 323809	42.22 0.50 0.00	38.66 0.49 0.00	38.64 0.49 0.00	37.48 0.48 0.00	39.42 0.47 0.00	46.10 0.36 0.00	58.75 0.41 0.00	67.35 0.47 0.00	57.22 0.23 0.00	48.37 -0.05 0.00	43.76 -0.13 0.00	44.08 -0.18 0.00	42.70 -0.13 0.00	44.07 -0.09 0.00	47.72 0.10 0.00	54.06 0.16 0.00	67.98 0.34 0.00	78.16 0.70 0.00	68.08 0.67 0.00	57.38 0.45 0.00	52.40 0.31 0.00	46.97 0.09 0.00	42.79 0.00 0.00	37.86 0.00 0.00
PYRITES___HYD 24023	43.26 1.54 0.00	39.66 1.49 0.00	39.75 1.60 0.00	38.51 1.52 0.00	40.58 1.64 0.00	47.84 2.10 0.00	61.32 2.98 0.00	70.22 3.34 0.00	59.73 2.74 0.00	50.12 1.69 0.00	45.29 1.40 0.00	45.77 1.50 0.00	44.20 1.37 0.00	45.49 1.32 0.00	49.29 1.67 0.00	56.05 2.16 0.00	70.01 2.37 0.00	79.63 2.17 0.00	69.63 2.22 0.00	58.75 1.82 0.00	54.01 1.93 0.00	48.80 1.92 0.00	44.20 1.41 0.00	39.07 1.21 0.00
QUAKERRD_115KV_BK1 80622	39.63 -2.09 0.00	36.18 -1.98 0.00	36.16 -1.98 0.00	35.00 -2.00 0.00	36.77 -2.18 0.00	42.35 -3.38 0.00	53.62 -4.73 0.00	61.86 -5.02 0.00	53.17 -3.82 0.00	45.22 -3.20 0.00	40.41 -3.47 0.00	40.76 -3.50 0.00	39.65 -3.17 0.00	40.36 -3.80 0.00	43.39 -4.10 0.13	48.30 -4.63 0.96	62.08 -5.55 0.01	71.73 -5.73 0.00	62.68 -4.72 0.00	52.71 -4.21 0.01	47.70 -4.38 0.01	43.21 -3.66 0.01	39.53 -3.25 0.01	35.40 -2.46 0.00
QUENSBRY_115KV_TB8 356137	42.92 1.21 0.00	39.35 1.18 0.00	39.33 1.18 0.00	38.07 1.07 0.00	40.15 1.21 0.00	47.43 1.69 0.00	60.62 2.28 0.00	69.35 2.47 0.00	58.82 1.82 0.00	49.83 1.40 0.00	45.29 1.40 0.00	45.41 1.15 0.00	43.81 0.99 0.00	45.26 1.10 0.00	48.86 1.24 0.00	55.67 1.78 0.00	70.14 2.50 0.00	80.25 2.79 0.00	70.03 2.63 0.00	58.81 1.88 0.00	53.96 1.88 0.00	48.47 1.59 0.00	44.33 1.54 0.00	39.11 1.25 0.00
RAMAPO___LBMP 323565	43.67 1.96 0.00	39.96 1.79 0.00	39.71 1.56 0.00	38.55 1.55 0.00	40.62 1.67 0.00	47.93 2.20 0.00	60.97 2.63 0.00	69.82 2.94 0.00	59.22 2.22 0.00	50.65 2.23 0.00	46.04 2.15 0.00	46.47 2.21 0.00	45.01 2.18 0.00	46.55 2.38 0.00	50.15 2.52 0.00	56.54 2.64 0.00	70.88 3.25 0.00	81.65 4.18 0.00	70.64 3.24 0.00	59.72 2.79 0.00	54.85 2.76 0.00	49.31 2.44 0.00	45.14 2.35 0.00	39.86 2.01 0.00
RANKINE____ 23646	39.80 -1.92 0.00	36.38 -1.79 0.00	36.35 -1.79 0.00	35.15 -1.85 0.00	36.73 -2.22 0.00	41.02 -4.71 0.00	51.34 -7.00 0.00	59.52 -7.36 0.00	50.89 -6.10 0.00	43.22 -5.18 0.02	38.87 -5.00 0.02	39.24 -5.00 0.02	38.14 -4.67 0.02	39.24 -4.90 0.02	41.72 -5.48 0.42	44.75 -6.14 3.00	60.11 -7.51 0.02	69.08 -8.37 0.02	60.38 -7.01 0.02	50.93 -5.98 0.02	46.29 -5.78 0.02	41.75 -5.11 0.02	38.36 -4.41 0.02	34.53 -3.33 0.00
RAVENSWOOD_GT2_1 24244	44.35 2.63 -0.01	40.51 2.33 -0.01	40.24 2.10 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.55 3.21 0.00	70.56 3.68 0.00	59.96 2.96 0.00	52.04 2.95 -0.67	51.55 2.90 -4.77	49.43 2.97 -2.20	52.33 2.91 -6.59	52.46 3.18 -5.12	54.66 3.33 -3.70	57.41 3.50 -0.02	71.90 4.26 0.00	82.89 5.42 0.00	71.52 4.11 0.00	60.51 3.59 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.89 3.08 -0.02	40.44 2.57 -0.01
RAVENSWOOD_GT2_2 24245	44.35 2.63 -0.01	40.51 2.33 -0.01	40.24 2.10 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.55 3.21 0.00	70.56 3.68 0.00	59.96 2.96 0.00	52.04 2.95 -0.67	51.55 2.90 -4.77	49.43 2.97 -2.20	52.33 2.91 -6.59	52.46 3.18 -5.12	54.66 3.33 -3.70	57.41 3.50 -0.02	71.90 4.26 0.00	82.89 5.42 0.00	71.52 4.11 0.00	60.51 3.59 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.89 3.08 -0.02	40.44 2.57 -0.01

RAVENSWOOD_GT2_3 24246	44.35 2.63 -0.01	40.54 2.37 -0.01	40.24 2.10 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.61 3.27 0.00	70.62 3.75 0.00	60.01 3.02 0.00	52.09 3.00 -0.67	51.59 2.94 -4.77	49.43 2.97 -2.20	52.37 2.96 -6.59	52.46 3.18 -5.12	54.71 3.38 -3.70	57.41 3.50 -0.02	71.97 4.33 0.00	82.89 5.42 0.00	71.58 4.18 0.00	60.51 3.59 0.00	55.75 3.65 -0.02	50.03 3.14 -0.02	45.89 3.08 -0.02	40.44 2.57 -0.01
RAVENSWOOD_GT2_4 24247	44.35 2.63 -0.01	40.54 2.37 -0.01	40.24 2.10 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.61 3.27 0.00	70.62 3.75 0.00	60.01 3.02 0.00	52.09 3.00 -0.67	51.59 2.94 -4.77	49.43 2.97 -2.20	52.37 2.96 -6.59	52.46 3.18 -5.12	54.71 3.38 -3.70	57.41 3.50 -0.02	71.97 4.33 0.00	82.89 5.42 0.00	71.58 4.18 0.00	60.51 3.59 0.00	55.75 3.65 -0.02	50.03 3.14 -0.02	45.89 3.08 -0.02	40.44 2.57 -0.01
RAVENSWOOD_GT3_1 24248	44.35 2.63 -0.01	40.51 2.33 -0.01	40.24 2.10 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.55 3.21 0.00	70.62 3.75 0.00	59.96 2.96 0.00	52.09 3.00 -0.67	51.55 2.90 -4.77	49.43 2.97 -2.20	52.33 2.91 -6.59	52.46 3.18 -5.12	54.66 3.33 -3.70	57.41 3.50 -0.02	71.97 4.33 0.00	82.89 5.42 0.00	71.52 4.11 0.00	60.51 3.59 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.89 3.08 -0.02	40.44 2.57 -0.01
RAVENSWOOD_GT3_2 24249	44.35 2.63 -0.01	40.51 2.33 -0.01	40.24 2.10 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.55 3.21 0.00	70.62 3.75 0.00	59.96 2.96 0.00	52.09 3.00 -0.67	51.55 2.90 -4.77	49.43 2.97 -2.20	52.33 2.91 -6.59	52.46 3.18 -5.12	54.66 3.33 -3.70	57.41 3.50 -0.02	71.97 4.33 0.00	82.89 5.42 0.00	71.52 4.11 0.00	60.51 3.59 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.89 3.08 -0.02	40.44 2.57 -0.01
RAVENSWOOD_GT3_3 24250	44.39 2.67 -0.01	40.54 2.37 -0.01	40.28 2.14 0.00	39.07 2.07 0.00	41.20 2.26 0.00	48.58 2.84 -0.01	61.61 3.27 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.14 3.05 -0.67	51.64 2.98 -4.77	49.47 3.01 -2.20	52.41 3.00 -6.59	52.51 3.22 -5.12	54.75 3.43 -3.70	57.47 3.56 -0.02	72.03 4.40 0.00	82.96 5.50 0.00	71.65 4.25 0.00	60.57 3.64 0.00	55.80 3.70 -0.02	50.08 3.19 -0.02	45.93 3.12 -0.02	40.48 2.61 -0.01
RAVENSWOOD_GT3_4 24251	44.39 2.67 -0.01	40.54 2.37 -0.01	40.28 2.14 0.00	39.07 2.07 0.00	41.20 2.26 0.00	48.58 2.84 -0.01	61.61 3.27 0.00	70.69 3.81 0.00	60.07 3.08 0.00	52.14 3.05 -0.67	51.64 2.98 -4.77	49.47 3.01 -2.20	52.41 3.00 -6.59	52.51 3.22 -5.12	54.75 3.43 -3.70	57.47 3.56 -0.02	72.03 4.40 0.00	82.96 5.50 0.00	71.65 4.25 0.00	60.57 3.64 0.00	55.80 3.70 -0.02	50.08 3.19 -0.02	45.93 3.12 -0.02	40.48 2.61 -0.01
RAVENSWOOD_GT_1 23729	44.56 2.84 -0.01	40.74 2.56 -0.01	40.48 2.33 -0.01	39.26 2.26 -0.01	41.41 2.45 -0.01	48.76 3.02 -0.01	61.49 3.15 0.00	70.42 3.54 0.00	59.84 2.85 0.00	52.06 2.95 -0.68	51.69 2.90 -4.91	49.49 2.97 -2.26	52.52 2.91 -6.78	52.62 3.18 -5.28	54.69 3.33 -3.74	57.47 3.56 -0.02	71.76 4.13 0.00	82.65 5.19 0.00	71.32 3.91 0.00	60.40 3.47 0.00	55.75 3.65 -0.02	50.17 3.28 -0.02	46.10 3.29 -0.02	40.67 2.80 -0.01
RAVENSWOOD_GT_10 24258	44.35 2.63 -0.01	40.51 2.33 -0.01	40.20 2.06 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.55 3.21 0.00	70.62 3.75 0.00	60.01 3.02 0.00	52.09 3.00 -0.67	51.55 2.90 -4.77	49.43 2.97 -2.20	52.33 2.91 -6.59	52.46 3.18 -5.12	54.66 3.33 -3.70	57.41 3.50 -0.02	71.97 4.33 0.00	82.89 5.42 0.00	71.52 4.11 0.00	60.51 3.59 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.89 3.08 -0.02	40.44 2.57 -0.01
RAVENSWOOD_GT_11 24259	44.35 2.63 -0.01	40.51 2.33 -0.01	40.20 2.06 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.55 3.21 0.00	70.62 3.75 0.00	60.01 3.02 0.00	52.09 3.00 -0.67	51.55 2.90 -4.77	49.43 2.97 -2.20	52.33 2.91 -6.59	52.46 3.18 -5.12	54.66 3.33 -3.70	57.41 3.50 -0.02	71.97 4.33 0.00	82.89 5.42 0.00	71.52 4.11 0.00	60.51 3.59 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.89 3.08 -0.02	40.44 2.57 -0.01
RAVENSWOOD_GT_4 24252	44.39 2.67 -0.01	40.58 2.40 -0.01	40.29 2.14 -0.01	39.11 2.11 -0.01	41.21 2.26 -0.01	48.58 2.84 -0.01	61.55 3.21 0.00	70.49 3.61 0.00	59.90 2.91 0.00	52.02 2.95 -0.65	51.40 2.90 -4.62	49.31 2.92 -2.13	52.12 2.91 -6.38	52.26 3.14 -4.97	54.62 3.33 -3.67	57.41 3.50 -0.02	71.83 4.19 0.00	82.81 5.34 0.00	71.45 4.04 0.00	60.46 3.53 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.93 3.12 -0.02	40.51 2.65 -0.01
RAVENSWOOD_GT_5 24254	44.39 2.67 -0.01	40.58 2.40 -0.01	40.29 2.14 -0.01	39.11 2.11 -0.01	41.21 2.26 -0.01	48.58 2.84 -0.01	61.55 3.21 0.00	70.49 3.61 0.00	59.90 2.91 0.00	52.02 2.95 -0.65	51.40 2.90 -4.62	49.31 2.92 -2.13	52.12 2.91 -6.38	52.26 3.14 -4.97	54.62 3.33 -3.67	57.41 3.50 -0.02	71.83 4.19 0.00	82.81 5.34 0.00	71.45 4.04 0.00	60.46 3.53 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.93 3.12 -0.02	40.51 2.65 -0.01
RAVENSWOOD_GT_6 24253	44.39 2.67 -0.01	40.58 2.40 -0.01	40.29 2.14 -0.01	39.11 2.11 -0.01	41.21 2.26 -0.01	48.58 2.84 -0.01	61.55 3.21 0.00	70.49 3.61 0.00	59.90 2.91 0.00	52.02 2.95 -0.65	51.40 2.90 -4.62	49.31 2.92 -2.13	52.12 2.91 -6.38	52.26 3.14 -4.97	54.62 3.33 -3.67	57.41 3.50 -0.02	71.83 4.19 0.00	82.81 5.34 0.00	71.45 4.04 0.00	60.46 3.53 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.93 3.12 -0.02	40.51 2.65 -0.01
RAVENSWOOD_GT_7 24255	44.39 2.67 -0.01	40.58 2.40 -0.01	40.29 2.14 -0.01	39.11 2.11 -0.01	41.21 2.26 -0.01	48.58 2.84 -0.01	61.55 3.21 0.00	70.49 3.61 0.00	59.90 2.91 0.00	52.02 2.95 -0.65	51.40 2.90 -4.62	49.31 2.92 -2.13	52.12 2.91 -6.38	52.26 3.14 -4.97	54.62 3.33 -3.67	57.41 3.50 -0.02	71.83 4.19 0.00	82.81 5.34 0.00	71.45 4.04 0.00	60.46 3.53 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.93 3.12 -0.02	40.51 2.65 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.35 2.63 -0.01	40.51 2.33 -0.01	40.20 2.06 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.55 3.21 0.00	70.62 3.75 0.00	60.01 3.02 0.00	52.09 3.00 -0.67	51.55 2.90 -4.77	49.43 2.97 -2.20	52.33 2.91 -6.59	52.46 3.18 -5.12	54.66 3.33 -3.70	57.41 3.50 -0.02	71.97 4.33 0.00	82.89 5.42 0.00	71.52 4.11 0.00	60.51 3.59 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.89 3.08 -0.02	40.44 2.57 -0.01
RAVENSWOOD_GT_9 24257	44.35 2.63 -0.01	40.51 2.33 -0.01	40.20 2.06 0.00	39.03 2.03 0.00	41.17 2.22 0.00	48.53 2.79 -0.01	61.55 3.21 0.00	70.62 3.75 0.00	60.01 3.02 0.00	52.09 3.00 -0.67	51.55 2.90 -4.77	49.43 2.97 -2.20	52.33 2.91 -6.59	52.46 3.18 -5.12	54.66 3.33 -3.70	57.41 3.50 -0.02	71.97 4.33 0.00	82.89 5.42 0.00	71.52 4.11 0.00	60.51 3.59 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.89 3.08 -0.02	40.44 2.57 -0.01

RAVENSWOOD___1 23533	44.52 2.80 -0.01	40.70 2.52 -0.01	40.44 2.29 -0.01	39.19 2.18 -0.01	41.37 2.42 -0.01	48.76 3.02 -0.01	61.43 3.09 0.00	70.42 3.54 0.00	59.84 2.85 0.00	51.99 2.91 -0.67	51.50 2.85 -4.77	49.38 2.92 -2.20	52.33 2.91 -6.59	52.33 3.04 -5.12	54.61 3.28 -3.70	57.41 3.50 -0.02	71.70 4.06 0.00	82.57 5.11 0.00	71.31 3.91 0.00	60.40 3.47 0.00	55.75 3.64 -0.02	50.17 3.28 -0.02	46.06 3.25 -0.02	40.63 2.76 -0.01
RAVENSWOOD___2 23534	44.52 2.80 -0.01	40.66 2.48 -0.01	40.44 2.29 -0.01	39.19 2.18 -0.01	41.37 2.42 -0.01	48.76 3.02 -0.01	61.43 3.09 0.00	70.35 3.48 0.00	59.84 2.85 0.00	51.99 2.91 -0.67	51.50 2.85 -4.77	49.38 2.92 -2.20	52.29 2.87 -6.59	52.29 3.00 -5.12	54.61 3.28 -3.70	57.41 3.50 -0.02	71.70 4.06 0.00	82.57 5.11 0.00	71.25 3.84 0.00	60.40 3.47 0.00	55.69 3.59 -0.02	50.17 3.28 -0.02	46.06 3.25 -0.02	40.63 2.76 -0.01
RAVENSWOOD___3 23535	44.35 2.63 -0.01	40.51 2.33 -0.01	40.24 2.10 0.00	38.99 2.00 0.00	41.16 2.22 0.00	48.53 2.79 -0.01	61.49 3.15 0.00	70.62 3.74 0.00	59.96 2.96 0.00	52.09 3.00 -0.67	51.55 2.90 -4.77	49.43 2.97 -2.20	52.37 2.95 -6.59	52.33 3.04 -5.12	54.66 3.33 -3.70	57.41 3.50 -0.02	71.90 4.26 0.00	82.80 5.34 0.00	71.52 4.11 0.00	60.52 3.59 0.00	55.69 3.59 -0.02	50.03 3.14 -0.02	45.84 3.04 -0.02	40.44 2.58 -0.01
RAVENSWOOD___4 23820	44.47 2.75 -0.01	40.66 2.48 -0.01	40.40 2.25 -0.01	39.19 2.18 -0.01	41.33 2.38 -0.01	48.71 2.97 -0.01	61.43 3.09 0.00	70.35 3.48 0.00	59.84 2.85 0.00	51.98 2.91 -0.65	51.38 2.85 -4.64	49.32 2.92 -2.14	52.11 2.87 -6.41	52.15 3.00 -4.99	54.58 3.28 -3.67	57.41 3.50 -0.02	71.70 4.06 0.00	82.57 5.11 0.00	71.25 3.84 0.00	60.40 3.47 0.00	55.69 3.59 -0.02	50.17 3.28 -0.02	46.01 3.21 -0.02	40.63 2.76 -0.01
RCPL_TRUST___DRP 24196	44.31 2.59 0.00	40.50 2.33 0.00	40.20 2.06 0.00	39.00 2.00 0.00	41.13 2.18 0.00	48.48 2.74 0.00	61.61 3.27 0.00	70.69 3.81 0.00	60.01 3.02 0.00	51.93 3.10 -0.41	49.79 2.98 -2.92	48.66 3.05 -1.35	49.86 3.00 -4.04	50.57 3.27 -3.14	53.32 3.43 -2.27	57.46 3.56 -0.01	72.03 4.40 0.00	82.96 5.50 0.00	71.58 4.18 0.00	60.51 3.59 0.00	55.74 3.65 -0.01	49.98 3.09 -0.01	45.84 3.04 -0.01	40.40 2.54 0.00
RED___ROCHESTER 323720	40.76 -0.96 0.00	37.29 -0.88 0.00	37.19 -0.95 0.00	36.11 -0.89 0.00	37.74 -1.21 0.00	43.27 -2.47 0.00	54.72 -3.62 0.00	63.07 -3.81 0.00	54.32 -2.68 0.00	46.14 -2.28 0.01	41.16 -2.72 0.01	41.51 -2.74 0.01	40.42 -2.40 0.01	41.68 -2.47 0.01	44.07 -3.33 0.21	48.60 -3.77 1.52	63.37 -4.26 0.01	73.35 -4.11 0.01	64.03 -3.37 0.01	53.79 -3.13 0.01	48.64 -3.44 0.01	44.05 -2.81 0.01	40.38 -2.40 0.01	36.19 -1.66 0.00
REGAN___SOLAR 323812	42.92 1.21 0.00	39.31 1.14 0.00	39.29 1.14 0.00	38.00 1.00 0.00	40.15 1.21 0.00	47.47 1.74 0.00	60.61 2.27 0.00	69.62 2.74 0.00	58.42 1.43 0.00	48.81 0.39 0.00	44.15 0.26 0.00	44.04 -0.22 0.00	42.53 -0.30 0.00	44.25 0.09 0.00	48.52 0.90 0.00	55.40 1.51 0.00	70.14 2.50 0.00	80.41 2.94 0.00	70.24 2.83 0.00	58.97 2.05 0.00	53.91 1.82 0.00	48.56 1.69 0.00	44.16 1.37 0.00	38.91 1.06 0.00
RENSSELAER___COGEN 23796	42.17 0.46 0.00	38.63 0.46 0.00	38.60 0.46 0.00	37.40 0.41 0.00	39.42 0.47 0.00	46.51 0.78 0.00	59.27 0.93 0.00	67.82 0.94 0.00	57.68 0.69 0.00	49.10 0.68 0.00	44.63 0.75 0.00	44.93 0.66 0.00	43.43 0.60 0.00	44.78 0.62 0.00	48.38 0.76 0.00	54.81 0.92 0.00	68.86 1.22 0.00	78.78 1.32 0.00	68.55 1.14 0.00	57.83 0.91 0.00	53.02 0.94 0.00	47.76 0.89 0.00	43.60 0.81 0.00	38.65 0.80 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.68 2.96 0.00	41.03 2.86 0.00	40.97 2.82 0.00	39.59 2.59 0.00	41.83 2.88 0.00	49.44 3.70 0.00	63.36 5.02 0.00	72.36 5.48 0.00	61.15 4.16 0.00	51.62 3.20 0.00	46.87 2.98 0.00	46.78 2.52 0.00	45.10 2.27 0.00	46.68 2.52 0.00	50.57 2.95 0.00	57.88 3.99 0.00	73.25 5.61 0.00	83.82 6.35 0.00	73.34 5.93 0.00	61.31 4.38 0.00	56.20 4.11 0.00	50.44 3.56 0.00	45.95 3.17 0.00	40.51 2.65 0.00
REVERE_CPPR_DRP 24186	42.76 1.04 0.00	39.20 1.03 0.00	39.25 1.11 0.00	37.96 0.96 0.00	40.08 1.13 0.00	47.15 1.42 0.00	60.21 1.87 0.00	69.02 2.14 0.00	58.76 1.77 0.00	49.49 1.07 0.00	44.72 0.83 0.00	45.15 0.89 0.00	43.68 0.86 0.00	45.13 0.97 0.00	48.81 1.19 0.00	55.46 1.56 0.00	69.73 2.10 0.00	79.56 2.09 0.00	69.29 1.89 0.00	58.35 1.42 0.00	53.23 1.15 0.00	48.00 1.12 0.00	43.60 0.81 0.00	38.54 0.68 0.00
REYNLDPA_13_KV_LD 356490	42.22 0.50 0.00	38.66 0.49 0.00	38.72 0.57 0.00	37.59 0.59 0.00	39.49 0.54 0.00	46.47 0.73 0.00	59.45 1.11 0.00	68.15 1.27 0.00	58.25 1.25 0.00	49.24 0.82 0.00	44.68 0.79 0.00	45.10 0.84 0.00	43.60 0.77 0.00	44.86 0.70 0.00	48.48 0.86 0.00	54.97 1.08 0.00	68.65 1.02 0.00	78.40 0.93 0.00	68.22 0.81 0.00	57.66 0.74 0.00	52.87 0.78 0.00	47.53 0.66 0.00	43.26 0.47 0.00	38.27 0.42 0.00
REYNOLDS_115KV_TB3 80639	42.30 0.58 0.00	38.78 0.61 0.00	38.72 0.57 0.00	37.59 0.59 0.00	39.57 0.62 0.00	46.74 1.01 0.00	59.57 1.23 0.00	68.15 1.27 0.00	58.02 1.03 0.00	49.34 0.92 0.00	44.85 0.97 0.00	45.19 0.93 0.00	43.68 0.86 0.00	45.13 0.97 0.00	48.62 1.00 0.00	55.13 1.24 0.00	69.19 1.56 0.00	79.17 1.70 0.00	68.82 1.42 0.00	58.12 1.20 0.00	53.28 1.20 0.00	48.00 1.12 0.00	43.86 1.07 0.00	38.80 0.95 0.00
RIVERBAY____ 323610	44.81 3.09 -0.01	41.12 2.94 -0.01	40.90 2.75 -0.01	39.71 2.70 -0.01	41.84 2.88 -0.01	49.22 3.48 -0.01	61.90 3.56 0.00	70.83 3.95 0.00	60.18 3.19 0.00	51.63 3.20 -0.02	47.17 3.12 -0.16	47.47 3.14 -0.07	46.14 3.08 -0.23	47.69 3.36 -0.18	51.27 3.52 -0.13	57.68 3.77 -0.02	72.10 4.46 0.00	83.04 5.58 0.00	71.65 4.25 0.00	60.68 3.76 0.00	56.01 3.91 -0.02	50.41 3.52 -0.02	46.31 3.51 -0.02	40.97 3.10 -0.01
RIVERSDE_115KV_TB3 55908	42.26 0.54 0.00	38.74 0.57 0.00	38.68 0.53 0.00	37.55 0.55 0.00	39.49 0.55 0.00	46.70 0.96 0.00	59.45 1.11 0.00	68.02 1.14 0.00	57.91 0.91 0.00	49.25 0.82 0.00	44.81 0.92 0.00	45.10 0.84 0.00	43.60 0.77 0.00	45.04 0.88 0.00	48.57 0.95 0.00	55.03 1.13 0.00	69.13 1.49 0.00	79.09 1.63 0.00	68.75 1.35 0.00	58.07 1.14 0.00	53.18 1.09 0.00	47.91 1.03 0.00	43.77 0.98 0.00	38.76 0.91 0.00
ROARING___BROOK_WT_PWR 323790	41.26 -0.46 0.00	37.86 -0.31 0.00	37.92 -0.23 0.00	36.74 -0.26 0.00	38.59 -0.35 0.00	45.32 -0.41 0.00	57.82 -0.53 0.00	66.34 -0.54 0.00	56.60 -0.40 0.00	47.94 -0.48 0.00	43.36 -0.52 0.00	43.68 -0.58 0.00	42.19 -0.64 0.00	43.45 -0.71 0.00	46.86 -0.76 0.00	53.03 -0.86 0.00	66.49 -1.15 0.00	76.07 -1.39 0.00	66.19 -1.21 0.00	55.90 -1.02 0.00	51.09 -0.99 0.00	45.84 -1.03 0.00	41.76 -1.03 0.00	36.91 -0.94 0.00

ROCHESRG_115KV_T4 355643	40.42 -1.29 0.00	36.91 -1.26 0.00	36.89 -1.26 0.00	35.67 -1.33 0.00	37.43 -1.52 0.00	42.81 -2.93 0.00	54.08 -4.26 0.00	62.47 -4.41 0.00	53.69 -3.31 0.00	45.61 -2.81 0.01	40.68 -3.20 0.01	40.98 -3.28 0.01	39.95 -2.87 0.01	40.53 -3.62 0.01	43.51 -3.91 0.21	47.98 -4.42 1.50	62.35 -5.28 0.01	72.27 -5.19 0.01	63.22 -4.18 0.01	53.10 -3.81 0.01	48.01 -4.06 0.01	43.58 -3.28 0.01	39.96 -2.82 0.01	35.89 -1.97 0.00
ROCHESTER_9_IC 23652	40.59 -1.13 0.00	37.06 -1.11 0.00	37.04 -1.11 0.00	35.81 -1.18 0.00	37.62 -1.32 0.00	42.99 -2.74 0.00	54.32 -4.03 0.00	62.80 -4.08 0.00	54.03 -2.96 0.00	45.90 -2.52 0.01	40.89 -2.98 0.01	41.24 -3.01 0.01	40.21 -2.61 0.01	40.80 -3.36 0.01	43.79 -3.62 0.21	48.28 -4.10 1.52	62.82 -4.80 0.01	72.73 -4.73 0.01	63.62 -3.77 0.01	53.45 -3.47 0.01	48.33 -3.75 0.01	43.82 -3.05 0.01	40.13 -2.65 0.01	36.04 -1.82 0.00
ROCKVIEW_13_KV_LD 356306	44.18 2.46 0.00	40.34 2.18 0.00	40.05 1.91 0.00	38.88 1.89 0.00	40.97 2.03 0.00	48.34 2.61 0.00	61.43 3.09 0.00	70.42 3.54 0.00	59.84 2.85 0.00	51.32 2.91 0.01	46.61 2.81 0.09	47.10 2.88 0.04	45.54 2.83 0.12	47.16 3.09 0.09	50.79 3.24 0.07	57.29 3.40 0.00	71.83 4.19 0.00	82.65 5.19 0.00	71.38 3.98 0.00	60.40 3.47 0.00	55.57 3.49 0.00	49.87 3.00 0.00	45.74 2.95 0.00	40.28 2.42 0.00
ROME____115KV_TB2 80656	42.76 1.04 0.00	39.20 1.03 0.00	39.25 1.11 0.00	37.96 0.96 0.00	40.08 1.13 0.00	47.15 1.42 0.00	60.21 1.87 0.00	69.02 2.14 0.00	58.76 1.77 0.00	49.49 1.07 0.00	44.72 0.83 0.00	45.15 0.89 0.00	43.68 0.86 0.00	45.13 0.97 0.00	48.81 1.19 0.00	55.46 1.56 0.00	69.73 2.10 0.00	79.56 2.09 0.00	69.29 1.89 0.00	58.35 1.42 0.00	53.23 1.15 0.00	48.00 1.12 0.00	43.60 0.81 0.00	38.54 0.68 0.00
ROSETON___1 23587	43.55 1.83 0.00	39.77 1.60 0.00	39.59 1.45 0.00	38.40 1.41 0.00	40.51 1.56 0.00	47.75 2.01 0.00	60.56 2.22 0.00	69.48 2.61 0.00	58.99 1.99 0.00	50.50 2.08 0.00	45.91 2.02 0.00	46.34 2.08 0.00	44.84 2.01 0.00	46.28 2.12 0.00	49.95 2.33 0.00	56.26 2.37 0.00	70.61 2.97 0.00	81.11 3.64 0.00	70.24 2.83 0.00	59.37 2.45 0.00	54.58 2.50 0.00	49.12 2.25 0.00	45.01 2.22 0.00	39.71 1.85 0.00
ROSETON___2 23588	43.55 1.83 0.00	39.77 1.60 0.00	39.59 1.45 0.00	38.40 1.41 0.00	40.51 1.56 0.00	47.75 2.01 0.00	60.56 2.22 0.00	69.48 2.61 0.00	58.99 1.99 0.00	50.50 2.08 0.00	45.91 2.02 0.00	46.34 2.08 0.00	44.84 2.01 0.00	46.28 2.12 0.00	49.95 2.33 0.00	56.26 2.37 0.00	70.61 2.97 0.00	81.11 3.64 0.00	70.24 2.83 0.00	59.37 2.45 0.00	54.58 2.50 0.00	49.12 2.25 0.00	45.01 2.22 0.00	39.71 1.85 0.00
ROTTRDAM_115KV_TB3 80664	42.55 0.83 0.00	38.97 0.80 0.00	38.91 0.76 0.00	37.74 0.74 0.00	39.76 0.82 0.00	46.83 1.10 0.00	59.74 1.40 0.00	68.35 1.47 0.00	58.08 1.08 0.00	49.34 0.92 0.00	44.76 0.88 0.00	45.06 0.80 0.00	43.56 0.73 0.00	45.00 0.84 0.00	48.57 0.95 0.00	55.08 1.19 0.00	69.26 1.62 0.00	79.32 1.86 0.00	69.02 1.62 0.00	58.24 1.31 0.00	53.34 1.25 0.00	48.00 1.12 0.00	43.86 1.07 0.00	38.76 0.91 0.00
RUSSELL___1 23602	40.75 -0.96 0.00	37.21 -0.95 0.00	37.19 -0.95 0.00	35.92 -1.07 0.00	37.74 -1.21 0.00	43.17 -2.56 0.00	54.55 -3.79 0.00	63.07 -3.81 0.00	54.31 -2.68 0.00	46.14 -2.28 0.01	41.11 -2.76 0.01	41.46 -2.79 0.01	40.42 -2.40 0.01	41.02 -3.14 0.01	44.07 -3.33 0.21	48.60 -3.77 1.52	63.16 -4.46 0.01	73.20 -4.26 0.01	64.03 -3.37 0.01	53.79 -3.13 0.01	48.59 -3.49 0.01	44.05 -2.81 0.01	40.30 -2.48 0.01	36.19 -1.67 0.00
RUSSELL___2 23532	40.75 -0.96 0.00	37.21 -0.95 0.00	37.19 -0.95 0.00	35.92 -1.07 0.00	37.74 -1.21 0.00	43.17 -2.56 0.00	54.55 -3.79 0.00	63.07 -3.81 0.00	54.31 -2.68 0.00	46.14 -2.28 0.01	41.11 -2.76 0.01	41.46 -2.79 0.01	40.42 -2.40 0.01	41.02 -3.14 0.01	44.07 -3.33 0.21	48.60 -3.77 1.52	63.16 -4.46 0.01	73.20 -4.26 0.01	64.03 -3.37 0.01	53.79 -3.13 0.01	48.59 -3.49 0.01	44.05 -2.81 0.01	40.30 -2.48 0.01	36.19 -1.67 0.00
RUSSELL___3 23549	40.75 -0.96 0.00	37.21 -0.95 0.00	37.19 -0.95 0.00	35.92 -1.07 0.00	37.74 -1.21 0.00	43.17 -2.56 0.00	54.55 -3.79 0.00	63.07 -3.81 0.00	54.31 -2.68 0.00	46.14 -2.28 0.01	41.11 -2.76 0.01	41.46 -2.79 0.01	40.42 -2.40 0.01	41.02 -3.14 0.01	44.07 -3.33 0.21	48.60 -3.77 1.52	63.16 -4.46 0.01	73.20 -4.26 0.01	64.03 -3.37 0.01	53.79 -3.13 0.01	48.59 -3.49 0.01	44.05 -2.81 0.01	40.30 -2.48 0.01	36.19 -1.67 0.00
RUSSELL___4 23556	40.75 -0.96 0.00	37.21 -0.95 0.00	37.19 -0.95 0.00	35.92 -1.07 0.00	37.74 -1.21 0.00	43.17 -2.56 0.00	54.55 -3.79 0.00	63.07 -3.81 0.00	54.31 -2.68 0.00	46.14 -2.28 0.01	41.11 -2.76 0.01	41.46 -2.79 0.01	40.42 -2.40 0.01	41.02 -3.14 0.01	44.07 -3.33 0.21	48.60 -3.77 1.52	63.16 -4.46 0.01	73.20 -4.26 0.01	64.03 -3.37 0.01	53.79 -3.13 0.01	48.59 -3.49 0.01	44.05 -2.81 0.01	40.30 -2.48 0.01	36.19 -1.67 0.00
RUSSELL___STATION 23914	40.75 -0.96 0.00	37.21 -0.95 0.00	37.19 -0.95 0.00	35.92 -1.07 0.00	37.74 -1.21 0.00	43.17 -2.56 0.00	54.55 -3.79 0.00	63.07 -3.81 0.00	54.31 -2.68 0.00	46.14 -2.28 0.01	41.11 -2.76 0.01	41.46 -2.79 0.01	40.42 -2.40 0.01	41.02 -3.14 0.01	44.07 -3.33 0.21	48.60 -3.77 1.52	63.16 -4.46 0.01	73.20 -4.26 0.01	64.03 -3.37 0.01	53.79 -3.13 0.01	48.59 -3.49 0.01	44.05 -2.81 0.01	40.30 -2.48 0.01	36.19 -1.67 0.00
S SALMON___HYD 24043	41.09 -0.62 0.00	37.60 -0.57 0.00	37.61 -0.53 0.00	36.44 -0.55 0.00	38.40 -0.55 0.00	44.96 -0.78 0.00	57.35 -0.99 0.00	65.68 -1.20 0.00	56.02 -0.97 0.00	47.40 -1.02 0.00	42.83 -1.05 0.00	43.20 -1.06 0.00	41.84 -0.98 0.00	43.19 -0.97 0.00	46.53 -1.09 0.00	52.71 -1.19 0.00	66.29 -1.35 0.00	75.83 -1.63 0.00	66.19 -1.21 0.00	55.90 -1.02 0.00	51.04 -1.04 0.00	46.03 -0.84 0.00	41.97 -0.81 0.00	37.10 -0.76 0.00
S.PERRY__115KV_TB1 80734	41.38 -0.33 0.00	37.79 -0.38 0.00	37.76 -0.38 0.00	36.48 -0.52 0.00	38.28 -0.66 0.00	43.68 -2.06 0.00	55.19 -3.15 0.00	63.80 -3.08 0.00	54.54 -2.45 0.00	45.83 -2.57 0.02	40.70 -3.16 0.02	40.92 -3.32 0.02	39.76 -3.04 0.02	40.78 -3.36 0.02	43.42 -3.52 0.68	45.31 -3.77 4.81	63.41 -4.19 0.04	73.64 -3.80 0.02	64.62 -2.76 0.02	54.28 -2.62 0.03	49.09 -2.97 0.03	44.32 -2.53 0.03	40.41 -2.35 0.03	36.19 -1.67 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.63 -2.09 0.00	36.22 -1.95 0.00	36.16 -1.98 0.00	34.96 -2.03 0.00	36.57 -2.38 0.00	40.80 -4.94 0.00	50.99 -7.35 0.00	59.12 -7.76 0.00	50.72 -6.27 0.00	43.13 -5.28 0.01	38.52 -5.35 0.01	38.85 -5.40 0.01	37.85 -4.97 0.01	38.58 -5.56 0.01	41.15 -6.10 0.38	44.34 -6.84 2.71	59.16 -8.45 0.02	68.31 -9.14 0.01	59.84 -7.55 0.01	50.42 -6.49 0.02	45.66 -6.41 0.02	41.37 -5.48 0.02	38.15 -4.62 0.02	34.49 -3.37 0.00

SAWYER___23_KV_LOAD 55526	39.63 -2.09 0.00	36.22 -1.95 0.00	36.16 -1.98 0.00	34.96 -2.03 0.00	36.57 -2.38 0.00	40.80 -4.94 0.00	50.99 -7.35 0.00	59.12 -7.76 0.00	50.72 -6.27 0.00	43.13 -5.28 0.01	38.52 -5.35 0.01	38.85 -5.40 0.01	37.85 -4.97 0.01	38.58 -5.56 0.01	41.15 -6.10 0.38	44.34 -6.84 2.71	59.16 -8.45 0.02	68.31 -9.14 0.01	59.84 -7.55 0.01	50.42 -6.49 0.02	45.66 -6.41 0.02	41.37 -5.48 0.02	38.15 -4.62 0.02	34.49 -3.37 0.00
SELKIRK___I 23801	42.59 0.88 0.00	39.01 0.84 0.00	38.98 0.84 0.00	37.78 0.78 0.00	39.80 0.86 0.00	46.88 1.14 0.00	59.68 1.34 0.00	68.29 1.41 0.00	58.02 1.03 0.00	49.34 0.92 0.00	44.76 0.88 0.00	45.01 0.75 0.00	43.51 0.68 0.00	44.91 0.75 0.00	48.57 0.95 0.00	55.14 1.24 0.00	69.26 1.62 0.00	79.25 1.78 0.00	69.02 1.62 0.00	58.24 1.31 0.00	53.39 1.30 0.00	48.05 1.17 0.00	43.90 1.11 0.00	38.84 0.98 0.00
SELKIRK___II 23799	42.30 0.58 0.00	38.74 0.57 0.00	38.68 0.53 0.00	37.51 0.52 0.00	39.53 0.59 0.00	46.56 0.82 0.00	59.33 0.99 0.00	67.88 1.00 0.00	57.79 0.80 0.00	49.15 0.73 0.00	44.63 0.75 0.00	44.97 0.71 0.00	43.51 0.68 0.00	44.82 0.66 0.00	48.43 0.81 0.00	54.87 0.97 0.00	68.86 1.22 0.00	78.78 1.32 0.00	68.55 1.14 0.00	57.89 0.97 0.00	53.07 0.99 0.00	47.76 0.89 0.00	43.64 0.86 0.00	38.65 0.80 0.00
SENECA OSWGO___HYD 24041	40.50 -1.21 0.00	37.03 -1.14 0.00	37.00 -1.14 0.00	35.92 -1.07 0.00	37.74 -1.21 0.00	44.23 -1.51 0.00	56.42 -1.92 0.00	64.67 -2.21 0.00	55.23 -1.77 0.00	46.92 -1.50 0.00	42.39 -1.49 0.00	42.76 -1.51 0.00	41.42 -1.41 0.00	42.79 -1.37 0.00	46.00 -1.62 0.00	52.06 -1.83 0.00	65.47 -2.17 0.00	75.14 -2.32 0.00	65.45 -1.96 0.00	55.27 -1.65 0.00	50.37 -1.72 0.00	45.37 -1.50 0.00	41.42 -1.37 0.00	36.68 -1.17 0.00
SENECA___115KV_TB3 355854	39.84 -1.88 0.00	36.53 -1.64 0.00	36.39 -1.75 0.00	35.48 -1.52 0.00	36.77 -2.18 0.00	41.21 -4.53 0.00	51.63 -6.71 0.00	59.59 -7.29 0.00	51.01 -5.98 0.00	43.27 -5.13 0.02	38.91 -4.96 0.02	39.16 -5.09 0.02	38.18 -4.63 0.02	39.24 -4.90 0.02	41.82 -5.38 0.42	44.86 -6.04 3.00	59.97 -7.64 0.02	69.08 -8.37 0.02	60.45 -6.94 0.02	50.99 -5.92 0.02	46.28 -5.78 0.02	41.75 -5.11 0.02	38.41 -4.36 0.02	34.56 -3.29 0.00
SENECA___ENERGY 23797	40.88 -0.83 0.00	37.37 -0.80 0.00	37.30 -0.84 0.00	36.22 -0.78 0.00	38.01 -0.94 0.00	44.36 -1.37 0.00	56.47 -1.87 0.00	64.87 -2.00 0.00	55.51 -1.48 0.00	47.12 -1.31 0.00	42.40 -1.49 0.00	42.76 -1.51 0.00	41.46 -1.37 0.00	42.79 -1.37 0.00	46.02 -1.67 -0.06	52.46 -1.89 -0.45	65.54 -2.10 0.00	75.38 -2.09 0.00	65.73 -1.68 0.00	55.39 -1.53 0.00	50.37 -1.72 0.00	45.38 -1.50 0.00	41.42 -1.37 0.00	36.76 -1.10 0.00
SHOEMAKER___GT 23640	43.43 1.71 0.00	39.70 1.53 0.00	39.56 1.41 0.00	38.33 1.33 0.00	40.43 1.48 0.00	47.61 1.88 0.00	60.56 2.22 0.00	69.36 2.48 0.00	58.82 1.82 0.00	50.21 1.79 0.00	45.60 1.71 0.00	46.03 1.77 0.00	44.58 1.76 0.00	46.01 1.85 0.00	49.67 2.05 0.00	56.05 2.16 0.00	70.41 2.77 0.00	80.95 3.49 0.00	70.17 2.76 0.00	59.32 2.39 0.00	54.48 2.40 0.00	48.99 2.11 0.00	44.80 2.01 0.00	39.56 1.71 0.00
SHOEMAKR_138KV_BK 111 55601	43.42 1.71 0.00	39.70 1.53 0.00	39.52 1.37 0.00	38.37 1.37 0.00	40.43 1.48 0.00	47.61 1.88 0.00	60.56 2.22 0.00	69.35 2.47 0.00	58.82 1.82 0.00	50.26 1.84 0.00	45.64 1.76 0.00	46.08 1.81 0.00	44.58 1.76 0.00	46.10 1.94 0.00	49.67 2.05 0.00	56.10 2.21 0.00	70.41 2.77 0.00	80.95 3.49 0.00	70.17 2.76 0.00	59.26 2.33 0.00	54.48 2.40 0.00	48.94 2.06 0.00	44.80 2.01 0.00	39.56 1.70 0.00
SHOREHAM_IC_1 23715	43.55 1.83 0.00	39.81 1.64 0.00	39.17 1.03 0.00	37.92 0.93 0.00	40.31 1.36 0.00	47.97 2.24 0.00	59.43 1.23 0.14	62.08 1.41 6.20	51.71 0.91 6.19	46.91 0.53 2.05	45.06 2.28 1.11	45.18 2.52 1.60	45.48 2.91 0.26	47.82 3.49 -0.18	50.10 3.91 1.43	55.72 1.83 0.01	71.56 3.92 0.00	82.96 5.50 0.00	70.17 2.76 0.00	60.45 3.53 0.00	54.63 2.55 0.00	48.55 1.69 0.01	46.34 3.55 0.00	41.15 3.29 0.00
SHOREHAM_IC_2 23716	43.55 1.84 0.00	40.12 1.95 0.00	39.17 1.03 0.00	38.48 1.48 0.00	40.39 1.44 0.00	47.93 2.20 0.00	59.49 1.28 0.14	62.15 1.47 6.20	51.77 0.97 6.19	46.91 0.53 2.05	45.28 2.50 1.11	45.05 2.39 1.60	45.48 2.91 0.26	47.96 3.62 -0.18	50.10 3.91 1.43	55.72 1.83 0.01	71.62 3.99 0.00	83.66 6.20 0.00	70.23 2.83 0.00	60.45 3.53 0.00	54.63 2.55 0.00	48.65 1.78 0.01	46.47 3.68 0.00	41.15 3.29 0.00
SISSONVILLE____ 23735	42.67 0.96 0.00	39.12 0.95 0.00	39.17 1.03 0.00	38.00 1.00 0.00	40.00 1.05 0.00	47.06 1.33 0.00	60.33 1.98 0.00	69.09 2.21 0.00	58.99 1.99 0.00	49.73 1.31 0.00	44.98 1.10 0.00	45.46 1.20 0.00	43.90 1.07 0.00	45.18 1.02 0.00	48.86 1.24 0.00	55.51 1.62 0.00	69.06 1.42 0.00	78.32 0.85 0.00	68.35 0.94 0.00	57.72 0.80 0.00	53.18 1.09 0.00	48.09 1.22 0.00	43.64 0.86 0.00	38.58 0.72 0.00
SITHE_IND_GS1 24169	40.13 -1.59 0.00	36.68 -1.49 0.00	36.66 -1.49 0.00	35.59 -1.41 0.00	37.39 -1.56 0.00	43.77 -1.97 0.00	55.83 -2.51 0.00	64.01 -2.87 0.00	54.60 -2.39 0.00	46.39 -2.03 0.00	41.96 -1.93 0.00	42.31 -1.95 0.00	40.99 -1.84 0.00	42.31 -1.85 0.00	45.53 -2.09 0.00	51.47 -2.42 0.00	64.73 -2.91 0.00	74.21 -3.25 0.00	64.64 -2.77 0.00	54.59 -2.34 0.00	49.79 -2.29 0.00	44.86 -2.01 0.00	40.99 -1.80 0.00	36.30 -1.55 0.00
SITHE_IND_GS2 24170	40.13 -1.59 0.00	36.68 -1.49 0.00	36.66 -1.49 0.00	35.59 -1.41 0.00	37.39 -1.56 0.00	43.77 -1.97 0.00	55.83 -2.51 0.00	64.01 -2.87 0.00	54.60 -2.39 0.00	46.39 -2.03 0.00	41.96 -1.93 0.00	42.31 -1.95 0.00	40.99 -1.84 0.00	42.31 -1.85 0.00	45.53 -2.09 0.00	51.47 -2.42 0.00	64.73 -2.91 0.00	74.21 -3.25 0.00	64.64 -2.77 0.00	54.59 -2.34 0.00	49.79 -2.29 0.00	44.86 -2.01 0.00	40.99 -1.80 0.00	36.30 -1.55 0.00
SITHE_IND_GS3 24171	40.13 -1.59 0.00	36.68 -1.49 0.00	36.66 -1.49 0.00	35.59 -1.41 0.00	37.39 -1.56 0.00	43.77 -1.97 0.00	55.83 -2.51 0.00	64.01 -2.87 0.00	54.60 -2.39 0.00	46.39 -2.03 0.00	41.96 -1.93 0.00	42.31 -1.95 0.00	40.99 -1.84 0.00	42.31 -1.85 0.00	45.53 -2.09 0.00	51.47 -2.42 0.00	64.73 -2.91 0.00	74.21 -3.25 0.00	64.64 -2.77 0.00	54.59 -2.34 0.00	49.79 -2.29 0.00	44.86 -2.01 0.00	40.99 -1.80 0.00	36.30 -1.55 0.00
SITHE_IND_GS4 24172	40.13 -1.59 0.00	36.68 -1.49 0.00	36.66 -1.49 0.00	35.59 -1.41 0.00	37.39 -1.56 0.00	43.77 -1.97 0.00	55.83 -2.51 0.00	64.01 -2.87 0.00	54.60 -2.39 0.00	46.39 -2.03 0.00	41.96 -1.93 0.00	42.31 -1.95 0.00	40.99 -1.84 0.00	42.31 -1.85 0.00	45.53 -2.09 0.00	51.47 -2.42 0.00	64.73 -2.91 0.00	74.21 -3.25 0.00	64.64 -2.77 0.00	54.59 -2.34 0.00	49.79 -2.29 0.00	44.86 -2.01 0.00	40.99 -1.80 0.00	36.30 -1.55 0.00

SITHE___BATAVIA 24024	40.67 -1.04 0.00	37.25 -0.92 0.00	37.12 -1.03 0.00	36.15 -0.85 0.00	37.55 -1.40 0.00	42.26 -3.48 0.00	53.15 -5.19 0.00	61.40 -5.48 0.00	52.89 -4.10 0.00	44.78 -3.63 0.01	39.79 -4.08 0.01	40.04 -4.21 0.01	39.09 -3.73 0.01	40.22 -3.93 0.01	42.55 -4.76 0.31	46.62 -5.12 2.16	61.34 -6.29 0.01	71.18 -6.27 0.01	62.34 -5.06 0.01	52.42 -4.50 0.01	47.33 -4.74 0.01	42.88 -3.98 0.01	39.39 -3.38 0.01	35.55 -2.31 0.00
SITHE___INDEPEND 23800	40.13 -1.59 0.00	36.68 -1.49 0.00	36.66 -1.49 0.00	35.55 -1.44 0.00	37.39 -1.56 0.00	43.77 -1.97 0.00	55.77 -2.57 0.00	64.00 -2.88 0.00	54.60 -2.39 0.00	46.39 -2.03 0.00	41.96 -1.93 0.00	42.31 -1.95 0.00	40.99 -1.84 0.00	42.22 -1.94 0.00	45.53 -2.10 0.00	51.47 -2.43 0.00	64.73 -2.91 0.00	74.21 -3.25 0.00	64.64 -2.76 0.00	54.59 -2.33 0.00	49.79 -2.29 0.00	44.86 -2.02 0.00	40.99 -1.80 0.00	36.30 -1.55 0.00
SITHE___MASSENA 23902	42.47 0.75 0.00	38.89 0.72 0.00	38.91 0.76 0.00	37.78 0.78 0.00	39.72 0.78 0.00	46.74 1.00 0.00	59.80 1.46 0.00	68.55 1.67 0.00	58.53 1.54 0.00	49.49 1.06 0.00	44.85 0.96 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.04 0.88 0.00	48.72 1.10 0.00	55.24 1.35 0.00	68.92 1.28 0.00	78.63 1.16 0.00	68.48 1.08 0.00	57.83 0.91 0.00	53.07 0.99 0.00	47.76 0.89 0.00	43.47 0.68 0.00	38.43 0.57 0.00
SITHE___OGDNSBRG 24021	43.13 1.42 0.00	39.58 1.41 0.00	39.63 1.49 0.00	38.40 1.41 0.00	40.46 1.52 0.00	47.66 1.92 0.00	61.08 2.74 0.00	69.96 3.08 0.00	59.50 2.51 0.00	49.92 1.50 0.00	45.16 1.27 0.00	45.63 1.37 0.00	44.11 1.28 0.00	45.40 1.24 0.00	49.15 1.52 0.00	55.89 1.99 0.00	69.87 2.23 0.00	79.63 2.17 0.00	69.63 2.22 0.00	58.81 1.88 0.00	53.96 1.88 0.00	48.66 1.78 0.00	44.16 1.37 0.00	39.03 1.17 0.00
SITHE___STERLING 23777	42.47 0.75 0.00	38.89 0.72 0.00	38.91 0.76 0.00	37.66 0.67 0.00	39.72 0.78 0.00	46.70 0.96 0.00	59.62 1.28 0.00	68.35 1.47 0.00	58.19 1.20 0.00	49.15 0.73 0.00	44.46 0.57 0.00	44.83 0.57 0.00	43.38 0.56 0.00	44.82 0.66 0.00	48.43 0.81 0.00	54.92 1.02 0.00	69.06 1.42 0.00	78.93 1.47 0.00	68.75 1.35 0.00	57.95 1.03 0.00	52.87 0.78 0.00	47.62 0.75 0.00	43.34 0.55 0.00	38.31 0.46 0.00
SLEIGHT__34_KV_TB1 80719	40.46 -1.25 0.00	36.95 -1.22 0.00	36.92 -1.22 0.00	35.74 -1.26 0.00	37.58 -1.36 0.00	43.49 -2.24 0.00	55.25 -3.09 0.00	63.67 -3.21 0.00	54.66 -2.34 0.00	46.43 -1.99 0.00	41.56 -2.33 0.00	41.96 -2.30 0.00	40.77 -2.06 0.00	41.64 -2.52 0.00	44.84 -2.71 0.07	50.31 -3.07 0.51	64.05 -3.58 0.00	73.90 -3.56 0.00	64.50 -2.90 0.00	54.25 -2.68 0.00	49.17 -2.92 0.00	44.43 -2.44 0.00	40.60 -2.18 0.00	36.19 -1.67 0.00
SMITHTWN_69_KV_BK 1 55830	43.84 2.13 0.00	40.15 1.98 0.00	39.44 1.30 0.00	38.51 1.52 0.00	40.62 1.67 0.00	47.88 2.15 0.00	59.49 1.28 0.14	62.20 1.47 6.15	51.88 1.03 6.14	47.41 1.02 2.03	45.77 2.98 1.10	45.51 2.83 1.59	45.91 3.34 0.26	48.05 3.71 -0.18	50.11 3.91 1.42	56.05 2.16 0.01	71.49 3.86 0.00	83.35 5.89 0.00	71.18 3.77 0.00	60.57 3.64 0.00	54.79 2.71 0.00	49.03 2.16 0.01	46.34 3.55 0.00	41.04 3.18 0.00
SOUTH CAIRO___GT 23612	43.13 1.42 0.00	39.54 1.37 0.00	39.48 1.34 0.00	38.29 1.29 0.00	40.35 1.40 0.00	47.57 1.83 0.00	60.91 2.57 0.00	69.42 2.54 0.00	58.59 1.60 0.00	49.54 1.11 0.00	44.81 0.92 0.00	45.01 0.75 0.00	43.51 0.69 0.00	45.09 0.93 0.00	48.81 1.19 0.00	55.57 1.67 0.00	70.21 2.57 0.00	80.56 3.10 0.00	70.44 3.03 0.00	59.26 2.33 0.00	54.43 2.34 0.00	48.89 2.02 0.00	44.50 1.71 0.00	39.37 1.51 0.00
SOUTH HAMPTN___IC 23720	43.63 1.92 0.00	39.89 1.72 0.00	39.25 1.11 0.00	38.03 1.03 0.00	40.39 1.44 0.00	48.07 2.33 0.00	59.43 1.23 0.14	62.07 1.41 6.22	51.70 0.91 6.20	46.85 0.48 2.05	45.14 2.37 1.11	45.18 2.52 1.60	45.57 3.00 0.26	47.91 3.58 -0.18	50.19 4.00 1.43	55.94 2.05 0.01	71.83 4.20 0.00	83.34 5.88 0.00	70.77 3.37 0.00	60.79 3.87 0.00	54.89 2.81 0.00	48.84 1.97 0.01	46.47 3.68 0.00	41.30 3.44 0.00
SOUTHDOW_115KV_TB1 355954	40.34 -1.38 0.00	36.87 -1.30 0.00	36.77 -1.37 0.00	35.52 -1.48 0.00	37.08 -1.87 0.00	41.62 -4.12 0.00	52.33 -6.01 0.00	60.46 -6.42 0.00	51.35 -5.64 0.00	43.47 -4.94 0.02	39.39 -4.48 0.02	39.82 -4.43 0.02	38.53 -4.28 0.02	39.99 -4.15 0.02	42.35 -4.81 0.46	45.15 -5.50 3.24	60.99 -6.63 0.02	69.86 -7.59 0.02	60.98 -6.40 0.02	51.33 -5.58 0.02	46.75 -5.31 0.02	41.98 -4.87 0.02	38.49 -4.28 0.02	34.41 -3.44 0.00
SOUTHOLD_69_KV_BK 2 55809	43.55 1.84 0.00	39.77 1.87 0.00	39.13 0.99 0.00	37.92 1.41 0.00	40.43 1.48 0.00	47.93 2.20 0.00	59.25 1.05 0.14	61.80 1.14 6.22	51.42 0.63 6.20	46.51 0.15 2.05	45.10 2.33 1.11	44.78 2.12 1.60	45.35 2.78 0.26	47.87 3.53 -0.18	50.10 3.91 1.43	55.94 2.05 0.01	71.96 4.33 0.00	84.20 6.74 0.00	71.04 3.64 0.00	61.02 4.10 0.00	55.10 3.02 0.00	49.07 2.20 0.01	46.68 3.89 0.00	41.45 3.60 0.00
SOUTHOLD___IC 23719	43.55 1.83 0.00	39.77 1.60 0.00	39.13 0.99 0.00	37.92 0.93 0.00	40.35 1.40 0.00	48.02 2.29 0.00	59.13 0.93 0.14	61.73 1.07 6.22	51.42 0.63 6.20	46.51 0.15 2.05	44.92 2.15 1.11	44.91 2.26 1.60	45.40 2.83 0.26	47.78 3.45 -0.18	50.10 3.91 1.43	55.94 2.05 0.01	71.90 4.26 0.00	83.66 6.20 0.00	71.04 3.64 0.00	61.02 4.10 0.00	55.05 2.97 0.00	49.03 2.16 0.01	46.55 3.77 0.00	41.45 3.60 0.00
SOUTH_FORK_WT_PWR 323839	43.13 1.42 0.00	39.39 1.22 0.00	38.79 0.65 0.00	37.59 0.59 0.00	40.00 1.05 0.00	47.61 1.88 0.00	58.50 0.29 0.14	61.00 0.34 6.22	50.79 0.00 6.20	45.98 -0.39 2.05	44.44 1.67 1.11	44.43 1.77 1.60	44.92 2.35 0.26	47.34 3.00 -0.18	49.66 3.47 1.43	55.40 1.51 0.01	71.35 3.72 0.00	83.04 5.58 0.00	70.57 3.17 0.00	60.62 3.70 0.00	54.68 2.60 0.00	48.70 1.83 0.01	46.30 3.51 0.00	41.26 3.41 0.00
SPIERFLS_115KV_TB 1 80737	42.72 1.00 0.00	39.16 0.99 0.00	39.10 0.95 0.00	37.89 0.89 0.00	39.96 1.01 0.00	47.15 1.42 0.00	60.27 1.93 0.00	68.95 2.07 0.00	58.48 1.48 0.00	49.54 1.11 0.00	45.07 1.18 0.00	45.19 0.93 0.00	43.64 0.81 0.00	45.04 0.88 0.00	48.62 1.00 0.00	55.35 1.46 0.00	69.73 2.10 0.00	79.71 2.25 0.00	69.56 2.16 0.00	58.41 1.48 0.00	53.65 1.56 0.00	48.23 1.36 0.00	44.11 1.33 0.00	38.92 1.06 0.00
ST LAWRENCE____ 23600	41.80 0.08 0.00	38.28 0.11 0.00	38.30 0.15 0.00	37.18 0.19 0.00	39.10 0.16 0.00	46.01 0.28 0.00	58.81 0.46 0.00	67.41 0.53 0.00	57.56 0.57 0.00	48.76 0.34 0.00	44.20 0.31 0.00	44.61 0.35 0.00	43.13 0.30 0.00	44.43 0.27 0.00	47.96 0.34 0.00	54.38 0.48 0.00	68.05 0.41 0.00	77.70 0.23 0.00	67.68 0.27 0.00	57.16 0.23 0.00	52.40 0.31 0.00	47.11 0.24 0.00	42.87 0.09 0.00	37.89 0.04 0.00

STATE_CA_115KV_115_LB 55624	42.34 0.63 0.00	38.82 0.65 0.00	38.75 0.61 0.00	37.63 0.63 0.00	39.57 0.62 0.00	46.74 1.01 0.00	59.57 1.23 0.00	68.15 1.27 0.00	57.96 0.97 0.00	49.34 0.92 0.00	44.85 0.97 0.00	45.15 0.89 0.00	43.64 0.81 0.00	45.09 0.93 0.00	48.67 1.05 0.00	55.19 1.29 0.00	69.33 1.69 0.00	79.25 1.78 0.00	68.96 1.55 0.00	58.12 1.20 0.00	53.28 1.20 0.00	47.95 1.08 0.00	43.82 1.03 0.00	38.80 0.95 0.00
STATE_ST_34_KV_LOAD 55959	41.26 -0.46 0.00	37.71 -0.46 0.00	37.69 -0.46 0.00	36.52 -0.48 0.00	38.44 -0.51 0.00	44.96 -0.78 0.00	57.35 -0.99 0.00	65.88 -1.00 0.00	56.20 -0.80 0.00	47.60 -0.82 -0.01	42.97 -0.92 -0.01	43.34 -0.93 -0.01	41.93 -0.90 -0.01	43.24 -0.93 -0.01	46.78 -1.00 -0.15	53.92 -1.08 -1.10	66.50 -1.15 -0.01	76.46 -1.01 -0.01	66.67 -0.74 -0.01	56.25 -0.68 -0.01	51.21 -0.89 -0.01	46.13 -0.75 -0.01	42.02 -0.77 -0.01	37.21 -0.64 0.00
STATION_5_MISC_HYD 23604	40.59 -1.12 0.00	37.14 -1.03 0.00	37.04 -1.11 0.00	35.96 -1.04 0.00	37.62 -1.32 0.00	43.08 -2.65 0.00	54.49 -3.85 0.00	62.80 -4.08 0.00	54.03 -2.97 0.00	45.89 -2.52 0.01	40.94 -2.94 0.01	41.29 -2.97 0.01	40.21 -2.61 0.01	41.46 -2.70 0.01	43.84 -3.57 0.21	48.28 -4.10 1.52	62.96 -4.67 0.01	72.89 -4.57 0.01	63.62 -3.77 0.01	53.44 -3.47 0.01	48.38 -3.70 0.01	43.82 -3.05 0.01	40.21 -2.57 0.01	36.04 -1.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.71 -1.00 0.00	37.18 -0.99 0.00	37.15 -0.99 0.00	35.92 -1.07 0.00	37.78 -1.17 0.00	43.68 -2.06 0.00	55.48 -2.86 0.00	63.94 -2.94 0.00	54.88 -2.11 0.00	46.58 -1.84 0.00	41.73 -2.15 0.00	42.13 -2.12 0.00	40.94 -1.88 0.00	41.82 -2.34 0.00	44.99 -2.52 0.11	50.26 -2.86 0.78	64.32 -3.31 0.01	74.21 -3.25 0.00	64.77 -2.63 0.00	54.47 -2.45 0.00	49.42 -2.66 0.00	44.67 -2.20 0.00	40.82 -1.97 0.00	36.42 -1.44 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.38 -1.33 0.00	36.87 -1.30 0.00	36.85 -1.30 0.00	35.63 -1.37 0.00	37.43 -1.52 0.00	42.90 -2.84 0.00	54.26 -4.08 0.00	62.60 -4.28 0.00	53.86 -3.13 0.00	45.80 -2.61 0.01	40.85 -3.03 0.01	41.20 -3.05 0.01	40.12 -2.70 0.01	40.75 -3.40 0.01	43.76 -3.67 0.19	48.38 -4.15 1.36	62.69 -4.94 0.01	72.58 -4.88 0.01	63.49 -3.91 0.01	53.33 -3.59 0.01	48.22 -3.85 0.01	43.73 -3.14 0.01	40.04 -2.74 0.01	35.93 -1.93 0.00
STA_56___34_KV_BUS2 355983	40.38 -1.33 0.00	36.87 -1.30 0.00	36.85 -1.30 0.00	35.63 -1.37 0.00	37.43 -1.52 0.00	42.90 -2.84 0.00	54.26 -4.08 0.00	62.60 -4.28 0.00	53.86 -3.13 0.00	45.80 -2.61 0.01	40.85 -3.03 0.01	41.20 -3.05 0.01	40.12 -2.70 0.01	40.75 -3.40 0.01	43.76 -3.67 0.19	48.38 -4.15 1.36	62.69 -4.94 0.01	72.58 -4.88 0.01	63.49 -3.91 0.01	53.33 -3.59 0.01	48.22 -3.85 0.01	43.73 -3.14 0.01	40.04 -2.74 0.01	35.93 -1.93 0.00
STA_67___115KV_BK2 355882	40.55 -1.17 0.00	37.02 -1.15 0.00	36.96 -1.18 0.00	35.74 -1.26 0.00	37.54 -1.40 0.00	42.95 -2.79 0.00	54.20 -4.14 0.00	62.67 -4.21 0.00	53.92 -3.08 0.00	45.80 -2.61 0.01	40.81 -3.07 0.01	41.16 -3.10 0.01	40.08 -2.74 0.01	40.71 -3.44 0.01	43.69 -3.71 0.21	48.12 -4.26 1.52	62.62 -5.01 0.01	72.58 -4.88 0.01	63.42 -3.98 0.01	53.33 -3.59 0.01	48.22 -3.85 0.01	43.73 -3.14 0.01	40.08 -2.70 0.01	36.00 -1.85 0.00
STA_7___115KV_9TRANS 80674	40.75 -0.96 0.00	37.21 -0.95 0.00	37.19 -0.95 0.00	35.92 -1.07 0.00	37.74 -1.21 0.00	43.17 -2.56 0.00	54.55 -3.79 0.00	63.07 -3.81 0.00	54.31 -2.68 0.00	46.14 -2.28 0.01	41.11 -2.76 0.01	41.46 -2.79 0.01	40.42 -2.40 0.01	41.02 -3.14 0.01	44.07 -3.33 0.21	48.60 -3.77 1.52	63.16 -4.46 0.01	73.20 -4.26 0.01	64.03 -3.37 0.01	53.79 -3.13 0.01	48.59 -3.49 0.01	44.05 -2.81 0.01	40.30 -2.48 0.01	36.19 -1.67 0.00
STA_82___115KV_TB1 80780	40.55 -1.17 0.00	37.02 -1.15 0.00	37.00 -1.14 0.00	35.78 -1.22 0.00	37.54 -1.40 0.00	42.95 -2.79 0.00	54.26 -4.08 0.00	62.67 -4.21 0.00	53.92 -3.08 0.00	45.80 -2.61 0.01	40.81 -3.07 0.01	41.15 -3.10 0.01	40.12 -2.70 0.01	40.71 -3.44 0.01	43.69 -3.71 0.22	48.10 -4.26 1.54	62.62 -5.01 0.01	72.58 -4.88 0.01	63.49 -3.91 0.01	53.33 -3.59 0.01	48.22 -3.85 0.01	43.77 -3.09 0.01	40.08 -2.70 0.01	36.00 -1.85 0.00
STEEL___WIND 323596	39.80 -1.92 0.00	36.49 -1.68 0.00	36.35 -1.79 0.00	35.44 -1.55 0.00	36.73 -2.22 0.00	41.16 -4.57 0.00	51.57 -6.77 0.00	59.52 -7.36 0.00	50.89 -6.10 0.00	43.18 -5.23 0.02	38.82 -5.05 0.02	39.07 -5.18 0.02	38.10 -4.71 0.02	39.15 -4.99 0.02	41.77 -5.43 0.42	44.75 -6.15 3.00	59.84 -7.78 0.02	69.01 -8.44 0.02	60.38 -7.01 0.02	50.87 -6.04 0.02	46.18 -5.89 0.02	41.70 -5.16 0.02	38.32 -4.45 0.02	34.49 -3.37 0.00
STEPHTWN_115KV_BK_2 55603	42.55 0.83 0.00	39.01 0.84 0.00	38.95 0.80 0.00	37.81 0.81 0.00	39.76 0.82 0.00	47.02 1.28 0.00	59.92 1.58 0.00	68.55 1.67 0.00	58.30 1.31 0.00	49.58 1.16 0.00	45.07 1.18 0.00	45.32 1.06 0.00	43.81 0.99 0.00	45.26 1.10 0.00	48.86 1.24 0.00	55.46 1.56 0.00	69.67 2.03 0.00	79.71 2.25 0.00	69.36 1.95 0.00	58.46 1.54 0.00	53.54 1.46 0.00	48.19 1.31 0.00	44.03 1.24 0.00	38.95 1.10 0.00
STEUBEN_REC_LFGE 323667	40.05 -1.67 0.00	36.60 -1.56 0.00	36.54 -1.60 0.00	35.37 -1.63 0.00	37.00 -1.95 0.00	42.08 -3.66 0.00	52.92 -5.43 0.00	60.99 -5.89 0.00	51.86 -5.13 0.00	43.58 -4.79 0.05	39.05 -4.78 0.05	39.21 -5.00 0.05	37.98 -4.80 0.05	39.30 -4.81 0.05	40.87 -5.33 1.41	37.84 -5.98 10.07	60.19 -7.37 0.07	69.28 -8.13 0.05	60.48 -6.88 0.05	50.95 -5.92 0.06	46.30 -5.73 0.06	41.66 -5.16 0.06	38.02 -4.71 0.06	34.00 -3.86 0.00
STILLWATER___SOLAR 323814	42.96 1.25 0.00	39.39 1.22 0.00	39.33 1.18 0.00	38.11 1.11 0.00	40.23 1.28 0.00	47.43 1.69 0.00	60.56 2.22 0.00	69.28 2.40 0.00	58.87 1.88 0.00	49.93 1.50 0.00	45.33 1.45 0.00	45.55 1.28 0.00	43.98 1.16 0.00	45.35 1.19 0.00	49.10 1.48 0.00	55.83 1.94 0.00	70.27 2.64 0.00	80.41 2.94 0.00	70.03 2.63 0.00	58.97 2.05 0.00	54.01 1.93 0.00	48.61 1.74 0.00	44.41 1.63 0.00	39.22 1.36 0.00
STONY___BROOK 24151	43.80 2.08 0.00	39.93 1.76 0.00	39.36 1.22 0.00	38.15 1.15 0.00	40.51 1.56 0.00	47.93 2.20 0.00	59.43 1.23 0.14	62.11 1.41 6.17	51.80 0.97 6.16	47.35 0.97 2.04	45.63 2.85 1.11	45.59 2.92 1.59	45.87 3.30 0.26	47.91 3.58 -0.18	50.11 3.91 1.42	55.99 2.10 0.01	71.42 3.79 0.00	82.96 5.50 0.00	71.11 3.70 0.00	60.51 3.59 0.00	54.74 2.65 0.00	48.88 2.01 0.01	46.21 3.42 0.00	41.04 3.18 0.00
STURGEON_POOL_HYD 23609	43.76 2.04 0.00	39.96 1.79 0.00	39.75 1.60 0.00	38.59 1.59 0.00	40.70 1.75 0.00	47.89 2.15 0.00	60.97 2.63 0.00	69.69 2.81 0.00	59.05 2.05 0.00	50.50 2.08 0.00	45.86 1.97 0.00	46.30 2.04 0.00	44.84 2.01 0.00	46.41 2.25 0.00	50.00 2.38 0.00	56.37 2.48 0.00	70.82 3.18 0.00	81.41 3.95 0.00	70.57 3.17 0.00	59.66 2.73 0.00	54.90 2.81 0.00	49.31 2.44 0.00	45.14 2.35 0.00	39.82 1.97 0.00

ST_LAW_115_BK7_LBMP 345037	41.84 0.13 0.00	38.32 0.15 0.00	38.34 0.19 0.00	37.22 0.22 0.00	39.14 0.20 0.00	46.06 0.32 0.00	58.92 0.58 0.00	67.55 0.67 0.00	57.68 0.69 0.00	48.81 0.39 0.00	44.24 0.35 0.00	44.66 0.40 0.00	43.21 0.38 0.00	44.47 0.31 0.00	48.05 0.43 0.00	54.43 0.54 0.00	68.12 0.48 0.00	77.77 0.31 0.00	67.74 0.34 0.00	57.21 0.29 0.00	52.45 0.37 0.00	47.16 0.28 0.00	42.92 0.13 0.00	37.93 0.08 0.00
ST_LAW_115_BK8_LBMP 345038	41.84 0.13 0.00	38.32 0.15 0.00	38.34 0.19 0.00	37.22 0.22 0.00	39.14 0.20 0.00	46.06 0.32 0.00	58.92 0.58 0.00	67.55 0.67 0.00	57.68 0.69 0.00	48.81 0.39 0.00	44.24 0.35 0.00	44.66 0.40 0.00	43.21 0.38 0.00	44.47 0.31 0.00	48.05 0.43 0.00	54.43 0.54 0.00	68.12 0.48 0.00	77.77 0.31 0.00	67.74 0.34 0.00	57.21 0.29 0.00	52.45 0.37 0.00	47.16 0.28 0.00	42.92 0.13 0.00	37.93 0.08 0.00
ST_LAW_230_BK5_LBMP 345035	41.80 0.08 0.00	38.28 0.11 0.00	38.30 0.15 0.00	37.18 0.19 0.00	39.10 0.16 0.00	46.01 0.28 0.00	58.81 0.46 0.00	67.41 0.53 0.00	57.56 0.57 0.00	48.76 0.34 0.00	44.20 0.31 0.00	44.61 0.35 0.00	43.13 0.30 0.00	44.43 0.27 0.00	47.96 0.34 0.00	54.38 0.48 0.00	68.05 0.41 0.00	77.70 0.23 0.00	67.68 0.27 0.00	57.16 0.23 0.00	52.40 0.31 0.00	47.11 0.24 0.00	42.87 0.09 0.00	37.89 0.04 0.00
ST_LAW_230_BK6_LBMP 345036	41.80 0.08 0.00	38.28 0.11 0.00	38.30 0.15 0.00	37.18 0.19 0.00	39.10 0.16 0.00	46.01 0.28 0.00	58.81 0.46 0.00	67.41 0.53 0.00	57.56 0.57 0.00	48.76 0.34 0.00	44.20 0.31 0.00	44.61 0.35 0.00	43.13 0.30 0.00	44.43 0.27 0.00	47.96 0.34 0.00	54.38 0.48 0.00	68.05 0.41 0.00	77.70 0.23 0.00	67.68 0.27 0.00	57.16 0.23 0.00	52.40 0.31 0.00	47.11 0.24 0.00	42.87 0.09 0.00	37.89 0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.59 1.88 0.00	39.85 1.68 0.00	39.63 1.49 0.00	38.48 1.48 0.00	40.54 1.60 0.00	47.79 2.06 0.00	60.79 2.45 0.00	69.62 2.74 0.00	59.05 2.05 0.00	50.50 2.08 0.00	45.91 2.02 0.00	46.30 2.04 0.00	44.84 2.01 0.00	46.37 2.21 0.00	49.96 2.33 0.00	56.37 2.48 0.00	70.75 3.11 0.00	81.41 3.95 0.00	70.44 3.03 0.00	59.55 2.62 0.00	54.74 2.66 0.00	49.17 2.30 0.00	45.01 2.22 0.00	39.75 1.89 0.00
SWANROAD_115KV_TB1 355699	39.38 -2.34 0.00	35.99 -2.18 0.00	35.97 -2.17 0.00	34.74 -2.26 0.00	36.34 -2.61 0.00	40.02 -5.72 0.00	49.94 -8.40 0.00	57.98 -8.89 0.00	49.87 -7.12 0.00	42.36 -6.05 0.01	37.68 -6.19 0.01	37.96 -6.29 0.01	37.07 -5.74 0.01	37.61 -6.54 0.01	40.07 -7.19 0.36	43.69 -7.71 2.50	57.75 -9.88 0.02	66.84 -10.61 0.01	58.63 -8.76 0.01	49.40 -7.51 0.01	44.62 -7.45 0.01	40.58 -6.28 0.01	37.47 -5.31 0.01	34.07 -3.79 0.00
SYNERGY___BIOGAS 323694	40.67 -1.04 0.00	37.14 -1.03 0.00	37.11 -1.03 0.00	35.81 -1.18 0.00	37.54 -1.40 0.00	42.12 -3.61 0.00	52.91 -5.43 0.00	61.39 -5.48 0.00	52.83 -4.16 0.00	44.78 -3.63 0.01	39.75 -4.13 0.01	40.09 -4.16 0.01	39.09 -3.73 0.01	39.69 -4.46 0.01	42.50 -4.81 0.31	46.62 -5.12 2.16	61.27 -6.36 0.01	71.10 -6.35 0.01	62.34 -5.06 0.01	52.42 -4.50 0.01	47.33 -4.74 0.01	42.92 -3.94 0.01	39.35 -3.42 0.01	35.55 -2.31 0.00
SYRACUSE___ENERGY_ST1 323597	41.13 -0.58 0.00	37.56 -0.61 0.00	37.53 -0.61 0.00	36.41 -0.59 0.00	38.32 -0.62 0.00	44.87 -0.87 0.00	57.17 -1.17 0.00	65.68 -1.20 0.00	56.02 -0.97 0.00	47.60 -0.82 0.00	43.05 -0.83 0.00	43.42 -0.84 0.00	42.06 -0.77 0.00	43.37 -0.79 0.00	46.76 -0.86 0.00	52.87 -1.02 0.00	66.49 -1.15 0.00	76.22 -1.24 0.00	66.39 -1.01 0.00	56.02 -0.91 0.00	51.10 -0.99 0.00	46.03 -0.84 0.00	42.02 -0.77 0.00	37.17 -0.68 0.00
SYRACUSE___ENERGY_ST2 323598	41.13 -0.58 0.00	37.56 -0.61 0.00	37.53 -0.61 0.00	36.41 -0.59 0.00	38.32 -0.62 0.00	44.87 -0.87 0.00	57.17 -1.17 0.00	65.68 -1.20 0.00	56.02 -0.97 0.00	47.60 -0.82 0.00	43.05 -0.83 0.00	43.42 -0.84 0.00	42.06 -0.77 0.00	43.37 -0.79 0.00	46.76 -0.86 0.00	52.87 -1.02 0.00	66.49 -1.15 0.00	76.22 -1.24 0.00	66.39 -1.01 0.00	56.02 -0.91 0.00	51.10 -0.99 0.00	46.03 -0.84 0.00	42.02 -0.77 0.00	37.17 -0.68 0.00
SYRACUSE___POWER 24017	41.09 -0.63 0.00	37.52 -0.65 0.00	37.50 -0.65 0.00	36.37 -0.63 0.00	38.28 -0.66 0.00	44.82 -0.91 0.00	57.12 -1.23 0.00	65.61 -1.27 0.00	55.97 -1.03 0.00	47.55 -0.87 0.00	43.01 -0.88 0.00	43.38 -0.89 0.00	42.02 -0.81 0.00	43.32 -0.84 0.00	46.80 -0.90 -0.09	53.43 -1.08 -0.61	66.43 -1.22 0.00	76.15 -1.32 0.00	66.33 -1.08 0.00	56.02 -0.91 0.00	51.10 -0.99 0.00	46.03 -0.84 0.00	41.98 -0.81 0.00	37.14 -0.72 0.00
TALLMAN__138KV_BK151 55660	43.80 2.09 0.00	40.04 1.87 0.00	39.78 1.64 0.00	38.63 1.63 0.00	40.70 1.75 0.00	48.02 2.29 0.00	61.08 2.74 0.00	69.96 3.08 0.00	59.33 2.34 0.00	50.75 2.32 0.00	46.17 2.28 0.00	46.61 2.35 0.00	45.14 2.31 0.00	46.68 2.52 0.00	50.29 2.67 0.00	56.70 2.80 0.00	71.16 3.52 0.00	81.88 4.42 0.00	70.84 3.44 0.00	59.83 2.90 0.00	55.00 2.92 0.00	49.41 2.53 0.00	45.27 2.48 0.00	39.94 2.08 0.00
TEALLAVE_115KV_TB7 355573	40.92 -0.79 0.00	37.37 -0.80 0.00	37.38 -0.76 0.00	36.22 -0.78 0.00	38.13 -0.82 0.00	44.64 -1.10 0.00	56.82 -1.52 0.00	65.21 -1.67 0.00	55.68 -1.31 0.00	47.31 -1.11 0.00	42.83 -1.05 0.00	43.20 -1.06 0.00	41.84 -0.99 0.00	43.14 -1.02 0.00	46.48 -1.14 0.00	52.55 -1.35 0.00	66.01 -1.62 0.00	75.76 -1.70 0.00	65.92 -1.48 0.00	55.67 -1.25 0.00	50.78 -1.30 0.00	45.80 -1.08 0.00	41.80 -0.98 0.00	36.99 -0.87 0.00
TELGRAPH_34_KV_EAST 80808	40.09 -1.63 0.00	36.60 -1.56 0.00	36.58 -1.56 0.00	35.33 -1.66 0.00	37.00 -1.95 0.00	41.21 -4.53 0.00	51.57 -6.77 0.00	59.86 -7.02 0.00	51.52 -5.47 0.00	43.71 -4.70 0.01	38.87 -5.00 0.01	39.20 -5.05 0.01	38.23 -4.58 0.01	38.80 -5.34 0.01	41.48 -5.81 0.33	45.33 -6.25 2.31	59.71 -7.91 0.01	69.24 -8.21 0.01	60.72 -6.67 0.01	51.11 -5.81 0.01	46.13 -5.94 0.01	41.89 -4.97 0.01	38.54 -4.24 0.01	34.87 -2.99 0.00
TEMPLE___115KV_TB 2 55572	40.92 -0.79 0.00	37.41 -0.76 0.00	37.38 -0.76 0.00	36.22 -0.78 0.00	38.13 -0.82 0.00	44.64 -1.10 0.00	56.82 -1.52 0.00	65.27 -1.61 0.00	55.74 -1.25 0.00	47.36 -1.07 0.00	42.83 -1.05 0.00	43.24 -1.02 0.00	41.89 -0.94 0.00	43.19 -0.97 0.00	46.53 -1.10 0.00	52.60 -1.29 0.00	66.08 -1.56 0.00	75.76 -1.70 0.00	65.99 -1.42 0.00	55.67 -1.25 0.00	50.78 -1.30 0.00	45.80 -1.08 0.00	41.80 -0.98 0.00	37.02 -0.83 0.00
TIANA____69_KV_BK 1 55817	43.67 1.96 0.00	40.19 2.02 0.00	39.29 1.14 0.00	38.55 1.55 0.00	40.54 1.60 0.00	48.02 2.29 0.00	59.54 1.34 0.14	62.20 1.54 6.22	51.82 1.03 6.20	46.95 0.58 2.05	45.41 2.63 1.11	45.14 2.48 1.60	45.61 3.04 0.26	48.05 3.71 -0.18	50.24 4.05 1.43	55.94 2.05 0.01	71.83 4.19 0.00	83.97 6.51 0.00	70.77 3.37 0.00	60.74 3.81 0.00	54.89 2.81 0.00	48.93 2.06 0.01	46.60 3.81 0.00	41.26 3.41 0.00

TILDEN___115KV_TB1 80814	41.09 -0.63 0.00	37.52 -0.65 0.00	37.50 -0.65 0.00	36.37 -0.63 0.00	38.28 -0.66 0.00	44.82 -0.91 0.00	57.12 -1.23 0.00	65.61 -1.27 0.00	55.97 -1.03 0.00	47.55 -0.87 0.00	43.01 -0.88 0.00	43.38 -0.89 0.00	42.02 -0.81 0.00	43.32 -0.84 0.00	46.80 -0.90 -0.09	53.43 -1.08 -0.61	66.43 -1.22 0.00	76.15 -1.32 0.00	66.33 -1.08 0.00	56.02 -0.91 0.00	51.10 -0.99 0.00	46.03 -0.84 0.00	41.98 -0.81 0.00	37.14 -0.72 0.00
TRIGEN___CC 323695	43.92 2.21 0.00	40.15 1.98 0.00	39.63 1.49 0.00	38.59 1.59 0.00	40.70 1.75 0.00	47.98 2.24 0.00	60.17 1.87 0.04	67.59 2.14 1.43	57.17 1.60 1.42	49.64 1.69 0.47	46.86 3.38 0.41	47.14 3.23 0.36	46.13 3.55 0.26	48.13 3.80 -0.18	51.40 4.05 0.27	56.49 2.59 0.00	71.51 3.86 -0.02	83.06 5.58 -0.02	71.60 4.18 -0.02	60.53 3.59 -0.02	54.96 2.86 -0.01	49.36 2.48 0.00	45.91 3.12 0.00	40.62 2.76 0.00
TRINITY___115KV___4 BK 55933	42.17 0.46 0.00	38.67 0.50 0.00	38.64 0.50 0.00	37.52 0.52 0.00	39.45 0.51 0.00	46.60 0.87 0.00	59.33 0.99 0.00	67.88 1.00 0.00	57.79 0.80 0.00	49.15 0.73 0.00	44.68 0.79 0.00	45.01 0.75 0.00	43.51 0.69 0.00	44.96 0.79 0.00	48.48 0.86 0.00	54.92 1.02 0.00	68.99 1.35 0.00	78.94 1.47 0.00	68.62 1.21 0.00	57.95 1.02 0.00	53.07 0.99 0.00	47.81 0.94 0.00	43.69 0.90 0.00	38.69 0.83 0.00
UNION___PROCESSING_DRP 323587	40.55 -1.17 0.00	37.02 -1.15 0.00	37.00 -1.14 0.00	35.78 -1.22 0.00	37.54 -1.40 0.00	42.95 -2.79 0.00	54.26 -4.08 0.00	62.67 -4.21 0.00	53.92 -3.08 0.00	45.80 -2.61 0.01	40.81 -3.07 0.01	41.15 -3.10 0.01	40.12 -2.70 0.01	40.71 -3.44 0.01	43.69 -3.71 0.22	48.16 -4.20 1.53	62.69 -4.94 0.01	72.58 -4.88 0.01	63.49 -3.91 0.01	53.33 -3.59 0.01	48.22 -3.85 0.01	43.77 -3.09 0.01	40.08 -2.70 0.01	36.00 -1.85 0.00
UPPER HUDSON___HYD 24058	42.71 1.00 0.00	39.16 0.99 0.00	39.10 0.95 0.00	37.85 0.85 0.00	39.96 1.01 0.00	47.15 1.42 0.00	60.26 1.92 0.00	68.88 2.00 0.00	58.47 1.48 0.00	49.54 1.11 0.00	45.07 1.19 0.00	45.19 0.93 0.00	43.64 0.81 0.00	44.96 0.80 0.00	48.62 1.00 0.00	55.35 1.46 0.00	69.74 2.10 0.00	79.71 2.25 0.00	69.56 2.16 0.00	58.40 1.48 0.00	53.65 1.56 0.00	48.24 1.36 0.00	44.07 1.28 0.00	38.91 1.06 0.00
UPPER RAQUET___HYD 24056	42.67 0.96 0.00	39.12 0.95 0.00	39.17 1.03 0.00	38.00 1.00 0.00	40.00 1.05 0.00	47.06 1.33 0.00	60.33 1.98 0.00	69.08 2.20 0.00	58.99 1.99 0.00	49.68 1.26 0.00	44.98 1.10 0.00	45.41 1.15 0.00	43.90 1.07 0.00	45.18 1.02 0.00	48.86 1.24 0.00	55.51 1.62 0.00	69.06 1.42 0.00	78.40 0.93 0.00	68.35 0.94 0.00	57.72 0.80 0.00	53.18 1.10 0.00	48.09 1.22 0.00	43.64 0.86 0.00	38.57 0.72 0.00
VALLEY44_115KV_TB2 355964	39.59 -2.13 0.00	36.26 -1.91 0.00	36.20 -1.95 0.00	35.04 -1.96 0.00	36.65 -2.30 0.00	41.53 -4.21 0.00	52.45 -5.89 0.00	60.39 -6.49 0.00	51.18 -5.81 0.00	43.32 -5.08 0.02	39.74 -4.13 0.02	40.44 -3.81 0.02	39.00 -3.81 0.02	41.14 -3.00 0.02	43.67 -3.48 0.48	46.51 -3.99 3.40	62.88 -4.73 0.02	71.25 -6.20 0.02	61.86 -5.53 0.02	52.24 -4.67 0.02	48.11 -3.96 0.02	42.78 -4.08 0.02	38.87 -3.89 0.02	34.49 -3.37 0.00
VALLEY___115KV_TB 1-4 80826	43.42 1.71 0.00	39.81 1.64 0.00	39.86 1.72 0.00	38.63 1.63 0.00	40.74 1.79 0.00	47.84 2.10 0.00	60.91 2.57 0.00	69.82 2.94 0.00	59.44 2.45 0.00	50.41 1.99 0.00	45.77 1.89 0.00	46.12 1.86 0.00	44.58 1.76 0.00	45.97 1.81 0.00	49.57 1.95 0.00	56.16 2.26 0.00	70.34 2.71 0.00	80.25 2.79 0.00	69.83 2.43 0.00	58.86 1.94 0.00	53.65 1.56 0.00	48.28 1.41 0.00	43.94 1.16 0.00	38.80 0.95 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.13 1.42 0.00	39.54 1.37 0.00	39.52 1.37 0.00	38.26 1.26 0.00	40.39 1.44 0.00	47.43 1.69 0.00	60.44 2.10 0.00	69.29 2.41 0.00	58.99 1.99 0.00	50.12 1.69 0.00	45.51 1.62 0.00	45.94 1.68 0.00	44.45 1.63 0.00	45.88 1.72 0.00	49.53 1.90 0.00	56.05 2.16 0.00	70.48 2.84 0.00	80.41 2.94 0.00	69.90 2.49 0.00	58.98 2.05 0.00	53.91 1.82 0.00	48.52 1.64 0.00	44.24 1.45 0.00	39.07 1.21 0.00
VISCHER___FERRY HYD 24020	42.59 0.88 0.00	39.01 0.84 0.00	38.98 0.84 0.00	37.78 0.78 0.00	39.88 0.93 0.00	47.11 1.37 0.00	60.09 1.75 0.00	68.82 1.94 0.00	58.53 1.54 0.00	49.73 1.31 0.00	45.20 1.32 0.00	45.50 1.24 0.00	43.98 1.16 0.00	45.26 1.10 0.00	48.95 1.33 0.00	55.57 1.67 0.00	69.80 2.16 0.00	79.94 2.48 0.00	69.56 2.16 0.00	58.63 1.71 0.00	53.75 1.67 0.00	48.37 1.50 0.00	44.20 1.41 0.00	39.07 1.21 0.00
V_A_10_SYNC_DSASP 323832	39.84 -1.88 0.00	36.38 -1.79 0.00	36.35 -1.79 0.00	35.15 -1.85 0.00	36.80 -2.14 0.00	41.48 -4.25 0.00	51.98 -6.36 0.00	60.26 -6.62 0.00	51.75 -5.24 0.00	44.01 -4.41 0.01	39.05 -4.83 0.01	39.29 -4.96 0.01	38.36 -4.45 0.01	38.76 -5.39 0.01	41.43 -5.91 0.28	45.17 -6.68 2.04	59.57 -8.05 0.02	69.17 -8.29 0.01	60.66 -6.74 0.01	50.99 -5.92 0.01	45.98 -6.09 0.01	41.89 -4.97 0.01	38.63 -4.15 0.01	34.98 -2.88 0.00
V_CMM_10_SYNC_DSASP 323787	42.05 0.33 0.00	38.51 0.34 0.00	38.53 0.38 0.00	37.40 0.41 0.00	39.34 0.39 0.00	46.28 0.55 0.00	59.22 0.88 0.00	67.82 0.94 0.00	57.96 0.97 0.00	49.05 0.63 0.00	44.46 0.57 0.00	44.88 0.62 0.00	43.38 0.56 0.00	44.69 0.53 0.00	48.24 0.62 0.00	54.70 0.81 0.00	68.38 0.74 0.00	78.08 0.62 0.00	67.94 0.54 0.00	57.44 0.51 0.00	52.66 0.57 0.00	47.34 0.47 0.00	43.09 0.30 0.00	38.12 0.26 0.00
V_CMP_10_SYNC_DSASP 323788	41.84 0.13 0.00	38.32 0.15 0.00	38.37 0.23 0.00	37.26 0.26 0.00	39.22 0.27 0.00	46.19 0.46 0.00	59.16 0.82 0.00	67.82 0.94 0.00	58.02 1.03 0.00	49.10 0.68 0.00	44.59 0.70 0.00	45.06 0.80 0.00	43.56 0.73 0.00	44.78 0.62 0.00	48.43 0.81 0.00	54.92 1.02 0.00	68.59 0.95 0.00	78.24 0.77 0.00	68.15 0.74 0.00	57.67 0.74 0.00	52.81 0.73 0.00	47.34 0.47 0.00	42.87 0.09 0.00	37.70 -0.15 0.00
V_D_10_SYNC_DSASP 323841	42.42 0.71 0.00	38.86 0.69 0.00	38.91 0.76 0.00	37.74 0.74 0.00	39.72 0.78 0.00	46.70 0.96 0.00	59.74 1.40 0.00	68.48 1.61 0.00	58.53 1.54 0.00	49.44 1.02 0.00	44.81 0.92 0.00	45.28 1.02 0.00	43.77 0.94 0.00	45.04 0.88 0.00	48.67 1.05 0.00	55.19 1.29 0.00	68.92 1.29 0.00	78.63 1.16 0.00	68.48 1.08 0.00	57.84 0.91 0.00	53.07 0.99 0.00	47.77 0.89 0.00	43.47 0.68 0.00	38.42 0.57 0.00
V_E_10_SYNC_DSASP 323830	43.88 2.17 0.00	40.31 2.14 0.00	40.36 2.21 0.00	38.96 1.96 0.00	41.24 2.30 0.00	48.30 2.56 0.00	61.67 3.33 0.00	70.62 3.75 0.00	59.90 2.91 0.00	49.94 1.50 -0.02	45.13 1.23 -0.02	45.56 1.28 -0.02	44.13 1.28 -0.02	45.59 1.41 -0.02	49.89 1.81 -0.46	59.53 2.37 -3.26	71.11 3.45 -0.02	81.51 4.03 -0.02	70.93 3.51 -0.02	59.51 2.56 -0.02	54.03 1.93 -0.02	48.39 1.50 -0.02	43.75 0.94 -0.02	38.54 0.68 0.00

V_F_30_NSYNC___DSASP 323816	43.01 1.29 0.00	39.43 1.26 0.00	39.40 1.26 0.00	38.18 1.18 0.00	40.23 1.29 0.00	47.52 1.78 0.00	60.62 2.28 0.00	69.35 2.47 0.00	58.87 1.88 0.00	49.97 1.55 0.00	45.38 1.49 0.00	45.59 1.33 0.00	44.07 1.24 0.00	45.53 1.37 0.00	49.15 1.52 0.00	55.89 1.99 0.00	70.34 2.71 0.00	80.48 3.02 0.00	70.10 2.70 0.00	59.03 2.11 0.00	54.06 1.98 0.00	48.66 1.78 0.00	44.41 1.63 0.00	39.26 1.40 0.00
V_F_30_SYNC_DSASP 323786	42.34 0.63 0.00	38.82 0.65 0.00	38.75 0.61 0.00	37.63 0.63 0.00	39.57 0.62 0.00	46.74 1.01 0.00	59.57 1.23 0.00	68.15 1.27 0.00	57.96 0.97 0.00	49.34 0.92 0.00	44.85 0.97 0.00	45.15 0.89 0.00	43.64 0.81 0.00	45.09 0.93 0.00	48.67 1.05 0.00	55.19 1.29 0.00	69.26 1.62 0.00	79.25 1.78 0.00	68.96 1.55 0.00	58.12 1.20 0.00	53.28 1.20 0.00	47.95 1.08 0.00	43.82 1.03 0.00	38.80 0.95 0.00
V_XM_10_SYNC_DSASP 323789	41.84 0.13 0.00	38.32 0.15 0.00	38.37 0.23 0.00	37.26 0.26 0.00	39.22 0.27 0.00	46.19 0.46 0.00	59.16 0.82 0.00	67.82 0.94 0.00	58.02 1.03 0.00	49.10 0.68 0.00	44.59 0.70 0.00	45.06 0.80 0.00	43.56 0.73 0.00	44.78 0.62 0.00	48.43 0.81 0.00	54.92 1.02 0.00	68.59 0.95 0.00	78.24 0.77 0.00	68.15 0.74 0.00	57.67 0.74 0.00	52.81 0.73 0.00	47.34 0.47 0.00	42.87 0.09 0.00	37.70 -0.15 0.00
W.BABYLN_69_KV_BK1 56697	44.34 2.63 0.00	40.54 2.37 0.00	39.90 1.75 0.00	38.88 1.89 0.00	41.05 2.10 0.00	48.34 2.61 0.00	59.92 1.69 0.12	63.39 1.74 5.23	52.91 1.14 5.22	47.85 1.16 1.73	46.08 3.16 0.97	45.87 2.97 1.35	46.25 3.68 0.26	48.36 4.02 -0.18	50.47 4.05 1.20	56.59 2.69 0.00	71.97 4.33 0.00	83.82 6.35 0.00	71.99 4.58 0.00	61.08 4.16 0.00	55.31 3.23 0.00	49.73 2.86 0.00	46.60 3.81 0.00	41.26 3.41 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.97 2.25 0.00	40.19 2.02 0.00	39.94 1.79 0.00	38.77 1.78 0.00	40.85 1.91 0.00	48.21 2.47 0.00	61.32 2.98 0.00	70.22 3.34 0.00	59.56 2.56 0.00	50.94 2.52 0.00	46.34 2.46 0.00	46.78 2.52 0.00	45.31 2.48 0.00	46.90 2.74 0.00	50.48 2.86 0.00	56.91 3.02 0.00	71.43 3.79 0.00	82.27 4.80 0.00	71.18 3.77 0.00	60.11 3.19 0.00	55.26 3.18 0.00	49.64 2.77 0.00	45.48 2.70 0.00	40.09 2.23 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.31 2.59 0.00	40.50 2.33 0.00	40.20 2.06 0.00	39.00 2.00 0.00	41.13 2.18 0.00	48.48 2.74 0.00	61.61 3.27 0.00	70.69 3.81 0.00	60.01 3.02 0.00	51.93 3.10 -0.41	49.79 2.98 -2.92	48.66 3.05 -1.35	49.86 3.00 -4.04	50.57 3.27 -3.14	53.32 3.43 -2.27	57.46 3.56 -0.01	72.03 4.40 0.00	82.96 5.50 0.00	71.58 4.18 0.00	60.51 3.59 0.00	55.74 3.65 -0.01	49.98 3.09 -0.01	45.84 3.04 -0.01	40.40 2.54 0.00
W50THST__13_KV_LOAD 356117	44.47 2.75 0.00	40.62 2.44 0.00	40.32 2.17 0.00	39.11 2.11 0.00	41.24 2.30 0.00	48.62 2.88 0.00	61.84 3.50 0.00	70.96 4.08 0.00	60.30 3.31 0.00	52.22 3.39 -0.41	50.06 3.25 -2.92	48.93 3.32 -1.35	50.16 3.30 -4.04	50.83 3.53 -3.14	53.65 3.76 -2.27	57.73 3.83 -0.01	72.37 4.73 0.00	83.35 5.89 0.00	71.92 4.52 0.00	60.80 3.87 0.00	55.95 3.85 -0.01	50.17 3.28 -0.01	46.01 3.21 -0.01	40.51 2.65 0.00
WADING RIVER_IC_1 23522	43.55 1.83 0.00	39.81 1.64 0.00	39.13 0.99 0.00	37.92 0.93 0.00	40.27 1.32 0.00	47.97 2.24 0.00	59.37 1.17 0.14	62.06 1.41 6.22	51.69 0.91 6.21	46.85 0.48 2.06	45.01 2.24 1.11	45.13 2.48 1.60	45.48 2.91 0.26	47.82 3.49 -0.18	50.09 3.91 1.43	55.72 1.83 0.01	71.62 3.99 0.00	82.96 5.50 0.00	70.10 2.70 0.00	60.45 3.53 0.00	54.58 2.50 0.00	48.51 1.64 0.01	46.34 3.55 0.00	41.15 3.29 0.00
WADING RIVER_IC_2 23547	43.55 1.83 0.00	39.81 1.64 0.00	39.13 0.99 0.00	37.92 0.93 0.00	40.27 1.32 0.00	47.97 2.24 0.00	59.37 1.17 0.14	62.06 1.41 6.22	51.69 0.91 6.21	46.85 0.48 2.06	45.01 2.24 1.11	45.13 2.48 1.60	45.48 2.91 0.26	47.82 3.49 -0.18	50.09 3.91 1.43	55.72 1.83 0.01	71.62 3.99 0.00	82.96 5.50 0.00	70.10 2.70 0.00	60.45 3.53 0.00	54.58 2.50 0.00	48.51 1.64 0.01	46.34 3.55 0.00	41.15 3.29 0.00
WADING RIVER_IC_3 23601	43.55 1.83 0.00	39.81 1.64 0.00	39.13 0.99 0.00	37.92 0.93 0.00	40.27 1.32 0.00	47.97 2.24 0.00	59.37 1.17 0.14	62.06 1.41 6.22	51.69 0.91 6.21	46.85 0.48 2.06	45.01 2.24 1.11	45.13 2.48 1.60	45.48 2.91 0.26	47.82 3.49 -0.18	50.09 3.91 1.43	55.72 1.83 0.01	71.62 3.99 0.00	82.96 5.50 0.00	70.10 2.70 0.00	60.45 3.53 0.00	54.58 2.50 0.00	48.51 1.64 0.01	46.34 3.55 0.00	41.15 3.29 0.00
WALDENNY_12_KV_BK2 80841	39.88 -1.84 0.00	36.45 -1.72 0.00	36.43 -1.72 0.00	35.22 -1.78 0.00	36.80 -2.14 0.00	41.02 -4.71 0.00	51.34 -7.00 0.00	59.52 -7.36 0.00	51.01 -5.98 0.00	43.27 -5.13 0.02	38.87 -5.00 0.02	39.24 -5.00 0.02	38.19 -4.63 0.02	39.20 -4.95 0.02	41.68 -5.52 0.42	44.81 -6.14 2.94	60.04 -7.58 0.02	69.00 -8.44 0.02	60.38 -7.01 0.02	50.88 -6.03 0.02	46.18 -5.89 0.02	41.70 -5.16 0.02	38.36 -4.41 0.02	34.56 -3.29 0.00
WALDEN__HYDRO 24148	43.76 2.04 0.00	40.00 1.83 0.00	39.82 1.68 0.00	38.63 1.63 0.00	40.70 1.75 0.00	47.98 2.24 0.00	61.08 2.74 0.00	69.89 3.01 0.00	59.22 2.22 0.00	50.60 2.18 0.00	45.99 2.11 0.00	46.43 2.17 0.00	44.93 2.10 0.00	46.50 2.34 0.00	50.10 2.48 0.00	56.54 2.64 0.00	71.02 3.38 0.00	81.72 4.26 0.00	70.78 3.37 0.00	59.77 2.85 0.00	55.00 2.92 0.00	49.41 2.53 0.00	45.18 2.40 0.00	39.86 2.01 0.00
WARRENSBURG____ 23737	42.72 1.00 0.00	39.16 0.99 0.00	39.10 0.95 0.00	37.89 0.89 0.00	39.96 1.01 0.00	47.15 1.42 0.00	60.27 1.93 0.00	68.95 2.07 0.00	58.48 1.48 0.00	49.54 1.11 0.00	45.07 1.18 0.00	45.19 0.93 0.00	43.64 0.81 0.00	45.04 0.88 0.00	48.62 1.00 0.00	55.35 1.46 0.00	69.73 2.10 0.00	79.71 2.25 0.00	69.56 2.16 0.00	58.41 1.48 0.00	53.65 1.56 0.00	48.23 1.36 0.00	44.11 1.33 0.00	38.92 1.06 0.00
WATERSIDE____6 8 9 23538	44.47 2.75 -0.01	40.70 2.52 -0.01	40.40 2.25 -0.01	39.22 2.22 -0.01	41.37 2.41 -0.01	48.72 2.97 -0.01	61.49 3.15 0.00	70.36 3.48 0.00	59.84 2.85 0.00	51.98 2.91 -0.65	51.38 2.85 -4.64	49.28 2.88 -2.14	52.11 2.87 -6.41	52.24 3.09 -4.99	54.58 3.29 -3.67	57.41 3.50 -0.02	71.70 4.06 0.00	82.58 5.11 0.00	71.25 3.84 0.00	60.40 3.47 0.00	55.69 3.59 -0.02	50.13 3.23 -0.02	46.06 3.25 -0.02	40.63 2.76 -0.01
WATKINRD_115KV_LN8_ILLION 55919	42.92 1.21 0.00	39.31 1.15 0.00	39.33 1.18 0.00	38.14 1.15 0.00	40.19 1.25 0.00	47.20 1.46 0.00	60.15 1.81 0.00	68.89 2.01 0.00	58.70 1.71 0.00	49.78 1.36 0.00	45.16 1.27 0.00	45.54 1.28 0.00	44.03 1.20 0.00	45.40 1.24 0.00	48.96 1.33 0.00	55.46 1.56 0.00	69.53 1.89 0.00	79.48 2.01 0.00	69.16 1.75 0.00	58.29 1.37 0.00	53.23 1.15 0.00	47.91 1.03 0.00	43.64 0.86 0.00	38.58 0.72 0.00

WDELAWARE___HYD 323627	44.01 2.29 0.00	40.23 2.06 0.00	40.05 1.91 0.00	38.81 1.81 0.00	40.97 2.02 0.00	48.25 2.51 0.00	61.43 3.09 0.00	70.29 3.41 0.00	59.50 2.50 0.00	50.75 2.32 0.00	45.99 2.11 0.00	46.43 2.17 0.00	44.97 2.14 0.00	46.50 2.34 0.00	50.19 2.57 0.00	56.75 2.85 0.00	71.36 3.72 0.00	82.03 4.57 0.00	71.25 3.84 0.00	60.11 3.19 0.00	55.32 3.23 0.00	49.69 2.81 0.00	45.36 2.57 0.00	40.01 2.16 0.00
WEST BABYLON___IC 23714	44.34 2.63 0.00	40.54 2.37 0.00	39.90 1.75 0.00	38.88 1.89 0.00	41.05 2.10 0.00	48.34 2.61 0.00	59.92 1.69 0.12	63.39 1.74 5.23	52.91 1.14 5.22	47.85 1.16 1.73	46.08 3.16 0.97	45.87 2.97 1.35	46.25 3.68 0.26	48.36 4.02 -0.18	50.47 4.05 1.20	56.59 2.69 0.00	71.97 4.33 0.00	83.82 6.35 0.00	71.99 4.58 0.00	61.08 4.16 0.00	55.31 3.23 0.00	49.73 2.86 0.00	46.60 3.81 0.00	41.26 3.41 0.00
WEST CANADA___HYD 24049	41.84 0.13 0.00	38.28 0.11 0.00	38.26 0.11 0.00	37.11 0.11 0.00	39.06 0.12 0.00	45.92 0.18 0.00	58.52 0.18 0.00	67.08 0.20 0.00	57.11 0.11 0.00	48.52 0.10 0.00	44.02 0.13 0.00	44.35 0.09 0.00	42.91 0.09 0.00	44.25 0.09 0.00	47.77 0.14 0.00	54.06 0.16 0.00	67.84 0.20 0.00	77.70 0.23 0.00	67.61 0.20 0.00	57.10 0.17 0.00	52.19 0.10 0.00	46.97 0.09 0.00	42.92 0.13 0.00	37.97 0.11 0.00
WESTERN_NY_WIND 24143	40.59 -1.13 0.00	37.10 -1.07 0.00	37.04 -1.11 0.00	35.78 -1.22 0.00	37.50 -1.44 0.00	42.03 -3.70 0.00	52.74 -5.60 0.00	61.19 -5.68 0.00	52.72 -4.27 0.00	44.63 -3.78 0.01	39.62 -4.26 0.01	39.96 -4.29 0.01	39.00 -3.81 0.01	39.56 -4.59 0.01	42.40 -4.91 0.32	46.40 -5.28 2.22	61.06 -6.56 0.01	70.87 -6.58 0.01	62.20 -5.19 0.01	52.25 -4.67 0.01	47.18 -4.90 0.01	42.78 -4.08 0.01	39.27 -3.51 0.01	35.47 -2.38 0.00
WESTOVER___LESR 323668	41.67 -0.04 0.00	38.09 -0.08 0.00	38.07 -0.08 0.00	36.92 -0.07 0.00	38.83 -0.12 0.00	45.28 -0.46 0.00	57.64 -6.71 0.00	66.14 -7.49 0.00	56.31 -6.44 0.00	47.79 -5.71 0.00	43.27 -5.53 0.00	43.68 -5.80 0.00	42.27 -5.35 0.00	43.72 -5.70 0.00	47.01 -6.10 0.09	52.67 -6.85 0.63	67.02 -8.66 0.00	76.84 -9.45 0.00	66.86 -7.89 0.00	56.47 -6.78 0.00	51.56 -6.51 0.00	46.36 -5.77 0.00	42.31 -5.01 0.00	37.48 -3.98 0.00
WETHRSFD_WT_PWR 323626	39.67 -2.04 0.00	36.34 -1.83 0.00	36.24 -1.91 0.00	35.30 -1.70 0.00	36.53 -2.41 0.00	41.21 -4.53 0.00	51.63 -6.71 0.00	59.39 -7.49 0.00	50.55 -6.44 0.00	42.68 -5.71 0.02	38.33 -5.53 0.02	38.44 -5.80 0.02	37.45 -5.35 0.02	38.44 -5.70 0.02	40.88 -6.10 0.65	42.46 -6.85 4.59	58.95 -8.66 0.03	67.99 -9.45 0.02	59.50 -7.89 0.02	50.12 -6.78 0.03	45.55 -6.51 0.03	41.08 -5.77 0.03	37.76 -5.01 0.03	33.96 -3.90 0.00
WHAVSTOR_138KV_BK127 55557	43.80 2.09 0.00	40.04 1.87 0.00	39.78 1.64 0.00	38.63 1.63 0.00	40.70 1.75 0.00	48.02 2.29 0.00	61.03 2.68 0.00	69.96 3.08 0.00	59.33 2.34 0.00	50.75 2.32 0.00	46.17 2.28 0.00	46.61 2.35 0.00	45.14 2.31 0.00	46.68 2.52 0.00	50.29 2.67 0.00	56.70 2.80 0.00	71.09 3.45 0.00	81.88 4.42 0.00	70.78 3.37 0.00	59.83 2.90 0.00	55.00 2.92 0.00	49.41 2.53 0.00	45.27 2.48 0.00	39.94 2.08 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.80 2.09 0.00	40.04 1.87 0.00	39.78 1.64 0.00	38.63 1.63 0.00	40.70 1.75 0.00	48.02 2.29 0.00	61.03 2.68 0.00	69.96 3.08 0.00	59.33 2.34 0.00	50.75 2.32 0.00	46.17 2.28 0.00	46.61 2.35 0.00	45.14 2.31 0.00	46.68 2.52 0.00	50.29 2.67 0.00	56.70 2.80 0.00	71.09 3.45 0.00	81.88 4.42 0.00	70.78 3.37 0.00	59.83 2.90 0.00	55.00 2.92 0.00	49.41 2.53 0.00	45.27 2.48 0.00	39.94 2.08 0.00
WHITEHAL_115KV_TB1 80871	43.55 1.84 0.00	39.92 1.76 0.00	39.86 1.72 0.00	38.59 1.59 0.00	40.70 1.75 0.00	48.11 2.38 0.00	61.61 3.27 0.00	70.42 3.54 0.00	59.61 2.62 0.00	50.36 1.94 0.00	45.77 1.89 0.00	45.81 1.55 0.00	44.20 1.37 0.00	45.66 1.50 0.00	49.43 1.81 0.00	56.43 2.53 0.00	71.16 3.52 0.00	81.49 4.03 0.00	71.18 3.77 0.00	59.66 2.73 0.00	54.74 2.66 0.00	49.17 2.30 0.00	44.88 2.10 0.00	39.56 1.70 0.00
WHITEPLN_13_KV_LOAD 356215	44.22 2.50 0.00	40.42 2.25 0.00	40.17 2.02 0.00	39.00 2.00 0.00	41.09 2.14 0.00	48.43 2.70 0.00	61.61 3.27 0.00	70.56 3.68 0.00	60.07 3.08 0.00	51.44 3.00 -0.02	46.87 2.85 -0.13	47.24 2.92 -0.06	45.92 2.91 -0.18	47.43 3.14 -0.14	51.06 3.33 -0.10	57.51 3.61 0.00	72.10 4.46 0.00	82.96 5.50 0.00	71.58 4.18 0.00	60.57 3.64 0.00	55.63 3.54 0.00	49.97 3.09 0.00	45.70 2.91 0.00	40.36 2.50 0.00
WM_FLOYD_69_KV_BK2 356380	43.72 2.00 0.00	40.15 1.98 0.00	39.29 1.14 0.00	38.48 1.48 0.00	40.50 1.56 0.00	47.93 2.20 0.00	59.49 1.28 0.14	62.22 1.54 6.20	51.78 0.97 6.19	47.10 0.73 2.05	45.50 2.72 1.11	45.23 2.57 1.60	45.65 3.08 0.26	47.96 3.62 -0.18	50.10 3.91 1.43	55.88 1.99 0.01	71.56 3.92 0.00	83.58 6.12 0.00	70.77 3.37 0.00	60.57 3.64 0.00	54.79 2.71 0.00	48.88 2.02 0.01	46.47 3.68 0.00	41.15 3.29 0.00
WOODARD___115KV_TB2 355635	40.88 -0.83 0.00	37.33 -0.84 0.00	37.34 -0.80 0.00	36.18 -0.81 0.00	38.09 -0.86 0.00	44.59 -1.14 0.00	56.82 -1.52 0.00	65.21 -1.67 0.00	55.68 -1.31 0.00	47.31 -1.11 0.00	42.79 -1.10 0.00	43.15 -1.11 0.00	41.80 -1.03 0.00	43.10 -1.06 0.00	46.43 -1.19 0.00	52.49 -1.40 0.00	66.01 -1.62 0.00	75.68 -1.78 0.00	65.92 -1.48 0.00	55.62 -1.31 0.00	50.73 -1.35 0.00	45.75 -1.12 0.00	41.76 -1.03 0.00	36.99 -0.87 0.00
WOODMERE_69_KV_BK1 55827	44.38 2.67 0.00	40.54 2.37 0.00	40.01 1.87 0.00	38.96 1.96 0.00	41.09 2.14 0.00	48.39 2.65 0.00	60.77 2.45 0.02	69.00 2.74 0.62	58.42 2.05 0.62	50.30 2.08 0.20	47.43 3.82 0.28	47.85 3.72 0.13	46.64 4.07 0.26	48.71 4.37 -0.18	52.23 4.67 0.06	57.09 3.18 -0.02	72.43 4.73 -0.05	84.18 6.66 -0.05	72.58 5.12 -0.05	61.36 4.38 -0.05	55.62 3.49 -0.04	49.89 3.00 -0.02	46.38 3.59 0.00	41.00 3.14 0.00
YORK___WARBASSE 23770	44.82 3.09 -0.01	40.97 2.79 -0.01	40.71 2.56 -0.01	39.52 2.52 -0.01	41.64 2.69 -0.01	49.04 3.29 -0.01	61.55 3.21 0.00	70.29 3.41 0.00	59.50 2.51 0.00	51.58 2.61 -0.55	50.34 2.59 -3.87	48.66 2.61 -1.79	50.78 2.61 -5.34	51.14 2.83 -4.16	54.01 3.00 -3.39	57.25 3.34 -0.02	71.43 3.79 0.00	82.34 4.88 0.00	71.05 3.64 0.00	60.17 3.24 0.00	55.64 3.54 -0.02	50.27 3.37 -0.02	46.40 3.59 -0.02	40.90 3.03 -0.01