

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										08/19/2026	
Generator Data		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		
Name	PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
59TH STREET_GT_1	24138	44.45	41.63	37.69	35.00	33.39	36.58	40.93	42.34	40.34	40.34	43.18	47.66	50.70	54.98	56.51	57.91	69.09	80.06	81.00	74.18	66.66	57.51	53.48	50.97		
		2.71	2.24	1.83	1.60	1.53	1.51	2.06	2.66	2.85	2.92	3.46	4.09	4.36	4.54	4.28	4.14	5.24	6.54	5.86	4.85	2.93	1.94	2.69	2.75		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_1	24260	44.45	41.66	37.72	35.04	33.42	36.58	40.89	42.30	40.31	40.30	43.14	47.62	50.66	54.88	56.30	57.70	68.84	79.69	80.70	73.89	66.53	57.39	53.53	51.07		
		2.71	2.28	1.86	1.64	1.56	1.51	2.02	2.62	2.81	2.88	3.42	4.05	4.31	4.44	4.07	3.93	4.98	6.18	5.56	4.58	2.80	1.83	2.74	2.85		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_2	24261	44.45	41.66	37.72	35.04	33.42	36.58	40.89	42.30	40.31	40.30	43.14	47.62	50.66	54.88	56.30	57.70	68.84	79.69	80.70	73.89	66.53	57.39	53.53	51.07		
		2.71	2.28	1.86	1.64	1.56	1.51	2.02	2.62	2.81	2.88	3.42	4.05	4.31	4.44	4.07	3.93	4.98	6.18	5.56	4.58	2.80	1.83	2.74	2.85		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK HUDSON___FALLS	24011	43.28	40.88	37.22	34.64	33.07	36.44	40.20	41.35	38.92	38.58	40.20	43.90	46.90	51.20	53.43	55.60	65.58	76.16	78.90	72.79	67.43	58.34	53.18	50.34		
		1.54	1.50	1.36	1.24	1.21	1.37	1.32	1.67	1.42	1.16	0.48	0.35	0.56	0.76	1.20	1.83	1.72	2.65	3.76	3.47	3.70	2.78	2.39	2.12		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK RESOURCE___RCVRY	23798	43.45	41.03	37.36	34.77	33.20	36.58	40.39	41.47	39.00	38.62	40.24	43.95	47.00	51.50	53.58	55.60	65.64	76.46	79.42	73.27	67.87	58.73	53.53	50.68		
		1.71	1.65	1.51	1.37	1.34	1.51	1.51	1.79	1.50	1.20	0.52	0.39	0.65	1.06	1.36	1.83	1.79	2.94	4.28	3.95	4.14	3.17	2.74	2.46		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK S GLENS___FALLS	24028	43.28	40.88	37.22	34.64	33.07	36.44	40.20	41.35	38.92	38.58	40.20	43.90	46.90	51.20	53.43	55.60	65.58	76.16	78.90	72.79	67.43	58.34	53.18	50.34		
		1.54	1.50	1.36	1.24	1.21	1.37	1.32	1.67	1.42	1.16	0.48	0.35	0.56	0.76	1.20	1.83	1.72	2.65	3.76	3.47	3.70	2.78	2.39	2.12		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK_NYS___DAM	23527	43.29	40.88	37.29	34.70	33.10	36.40	40.00	43.65	40.91	40.56	41.71	44.77	47.83	52.91	55.52	58.72	65.84	76.09	77.84	71.54	66.02	57.62	52.36	49.47		
		1.55	1.50	1.44	1.30	1.24	1.33	1.13	3.97	3.41	3.14	1.99	1.22	1.48	2.47	3.29	4.94	1.98	2.57	2.70	2.22	2.29	2.06	1.58	1.25		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AIR_PRODUCTS___DRP	24190	41.82	39.50	36.00	33.50	31.99	35.14	38.76	39.56	37.46	37.35	39.57	43.25	46.12	50.19	52.02	53.77	63.99	74.03	75.59	69.46	63.73	55.34	50.64	48.03		
		0.08	0.12	0.14	0.10	0.13	0.07	-0.12	-0.12	-0.04	-0.07	-0.16	-0.30	-0.23	-0.25	-0.21	0.00	0.13	0.51	0.45	0.14	0.00	-0.22	-0.15	-0.19		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AKWESSNE_115KV_BK	355683	41.95	39.50	35.97	33.57	31.95	35.24	39.07	39.80	37.53	37.53	39.80	43.64	46.35	50.34	52.02	52.97	62.77	71.90	73.56	67.87	62.97	55.45	50.89	48.42		
		0.21	0.12	0.11	0.17	0.10	0.18	0.19	0.12	0.04	0.11	0.08	0.09	0.00	-0.10	-0.21	-0.81	-1.09	-1.62	-1.58	-1.46	-0.76	-0.11	0.10	0.19		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR	323833	42.70	40.29	36.72	34.17	32.59	35.81	39.49	40.08	37.72	37.46	39.69	43.47	46.39	50.59	52.49	54.10	64.56	75.06	77.09	71.06	65.20	56.67	51.86	49.24		
		0.96	0.91	0.86	0.77	0.73	0.74	0.62	0.40	0.23	0.04	-0.04	-0.09	0.05	0.15	0.26	0.32	0.70	1.55	1.95	1.73	1.47	1.11	1.07	1.01		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_2_SOLAR	323834	42.70	40.29	36.72	34.13	32.59	35.77	39.46	40.08	37.72	37.46	39.69	43.47	46.39	50.59	52.49	54.10	64.56	75.06	77.02	70.98	65.20	56.67	51.80	49.24		
		0.96	0.91	0.86	0.73	0.73	0.70	0.58	0.40	0.23	0.04	-0.04	-0.09	0.05	0.15	0.26	0.32	0.70	1.55	1.88	1.66	1.47	1.11	1.02	1.01		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY___1	23571	41.82	39.50	36.00	33.50	31.99	35.14	38.76	39.56	37.46	37.35	39.57	43.25	46.12	50.19	52.02	53.77	63.99	74.03	75.59	69.46	63.73	55.34	50.64	48.03		
		0.08	0.12	0.14	0.10	0.13	0.07	-0.12	-0.12	-0.04	-0.07	-0.16	-0.30	-0.23	-0.25	-0.21	0.00	0.13	0.51	0.45	0.14	0.00	-0.22	-0.15	-0.19		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.82 0.08 0.00	39.50 0.12 0.00	36.00 0.14 0.00	33.50 0.10 0.00	31.99 0.13 0.00	35.14 0.07 0.00	38.76 -0.12 0.00	39.56 -0.12 0.00	37.46 -0.04 0.00	37.35 -0.07 0.00	39.57 -0.16 0.00	43.25 -0.30 0.00	46.12 -0.23 0.00	50.19 -0.25 0.00	52.02 -0.21 0.00	53.77 0.00 0.00	63.99 0.13 0.00	74.03 0.51 0.00	75.59 0.45 0.00	69.46 0.14 0.00	63.73 0.00 0.00	55.34 -0.22 0.00	50.64 -0.15 0.00	48.03 -0.19 0.00
ALBANY___3 23573	41.82 0.08 0.00	39.50 0.12 0.00	36.00 0.14 0.00	33.50 0.10 0.00	31.99 0.13 0.00	35.14 0.07 0.00	38.76 -0.12 0.00	39.56 -0.12 0.00	37.46 -0.04 0.00	37.35 -0.07 0.00	39.57 -0.16 0.00	43.25 -0.30 0.00	46.12 -0.23 0.00	50.19 -0.25 0.00	52.02 -0.21 0.00	53.77 0.00 0.00	63.99 0.13 0.00	74.03 0.51 0.00	75.59 0.45 0.00	69.46 0.14 0.00	63.73 0.00 0.00	55.34 -0.22 0.00	50.64 -0.15 0.00	48.03 -0.19 0.00
ALBANY___4 23574	41.82 0.08 0.00	39.50 0.12 0.00	36.00 0.14 0.00	33.50 0.10 0.00	31.99 0.13 0.00	35.14 0.07 0.00	38.76 -0.12 0.00	39.56 -0.12 0.00	37.46 -0.04 0.00	37.35 -0.07 0.00	39.57 -0.16 0.00	43.25 -0.30 0.00	46.12 -0.23 0.00	50.19 -0.25 0.00	52.02 -0.21 0.00	53.77 0.00 0.00	63.99 0.13 0.00	74.03 0.51 0.00	75.59 0.45 0.00	69.46 0.14 0.00	63.73 0.00 0.00	55.34 -0.22 0.00	50.64 -0.15 0.00	48.03 -0.19 0.00
ALBANY___LFGE 323615	42.24 0.50 0.00	39.85 0.47 0.00	36.32 0.46 0.00	33.80 0.40 0.00	32.27 0.41 0.00	35.46 0.39 0.00	39.11 0.23 0.00	39.92 0.24 0.00	37.76 0.26 0.00	37.65 0.23 0.00	39.88 0.16 0.00	43.60 0.04 0.00	46.53 0.19 0.00	50.79 0.36 0.00	52.64 0.42 0.00	54.26 0.48 0.00	64.63 0.77 0.00	74.84 1.32 0.00	76.49 1.35 0.00	70.29 0.97 0.00	64.50 0.77 0.00	56.00 0.44 0.00	51.19 0.40 0.00	48.61 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	42.07 0.33 0.00	39.62 0.24 0.00	36.08 0.22 0.00	33.67 0.27 0.00	32.05 0.19 0.00	35.38 0.31 0.00	39.18 0.31 0.00	39.96 0.28 0.00	37.61 0.11 0.00	37.61 0.19 0.00	39.84 0.12 0.00	43.73 0.17 0.00	46.39 0.05 0.00	50.39 -0.05 0.00	52.12 -0.10 0.00	53.56 -0.21 0.00	63.28 -0.58 0.00	72.27 -1.25 0.00	74.16 -0.98 0.00	68.49 -0.83 0.00	63.60 -0.13 0.00	55.95 0.39 0.00	51.15 0.36 0.00	48.61 0.38 0.00
ALCOA_RYNLDS___DRP 24188	42.07 0.33 0.00	39.62 0.24 0.00	36.07 0.22 0.00	33.67 0.27 0.00	32.05 0.19 0.00	35.39 0.32 0.00	39.18 0.31 0.00	39.96 0.28 0.00	37.61 0.11 0.00	37.61 0.19 0.00	39.84 0.12 0.00	43.73 0.17 0.00	46.39 0.05 0.00	50.39 -0.05 0.00	52.02 -0.21 0.00	53.18 -0.59 0.00	63.03 -0.83 0.00	72.19 -1.32 0.00	73.94 -1.20 0.00	68.28 -1.04 0.00	63.35 -0.38 0.00	55.78 0.22 0.00	51.04 0.25 0.00	48.61 0.39 0.00
ALCOA___DSASP 323711	42.07 0.33 0.00	39.62 0.24 0.00	36.07 0.22 0.00	33.67 0.27 0.00	32.05 0.19 0.00	35.39 0.32 0.00	39.18 0.31 0.00	39.96 0.28 0.00	37.61 0.11 0.00	37.61 0.19 0.00	39.84 0.12 0.00	43.73 0.17 0.00	46.39 0.05 0.00	50.39 -0.05 0.00	52.02 -0.21 0.00	53.18 -0.59 0.00	63.03 -0.83 0.00	72.19 -1.32 0.00	73.94 -1.20 0.00	68.28 -1.04 0.00	63.35 -0.38 0.00	55.78 0.22 0.00	51.04 0.25 0.00	48.61 0.39 0.00
ALLEGHENY___COGEN 23514	42.53 0.79 0.00	40.09 0.71 0.00	36.51 0.65 0.00	34.07 0.67 0.00	32.37 0.51 0.00	36.02 0.95 0.00	40.23 1.36 0.00	40.91 1.23 0.00	37.91 0.41 0.00	37.38 -0.04 0.00	39.73 0.00 0.00	43.60 0.04 0.00	46.07 -0.28 0.00	50.59 0.15 0.00	52.28 0.05 0.00	54.10 0.32 0.00	64.60 0.77 0.03	76.09 2.57 0.00	79.04 3.90 0.00	74.80 5.48 0.00	67.87 4.14 0.00	59.12 3.56 0.00	53.23 2.44 0.00	50.15 1.93 0.00
ALTAMONT_115KV_TB 2 55880	42.32 0.58 0.00	39.89 0.51 0.00	36.36 0.50 0.00	33.83 0.43 0.00	32.27 0.41 0.00	35.49 0.42 0.00	39.22 0.35 0.00	40.08 0.40 0.00	37.91 0.41 0.00	37.80 0.37 0.00	40.08 0.36 0.00	43.90 0.35 0.00	46.77 0.42 0.00	50.89 0.45 0.00	52.75 0.52 0.00	54.42 0.65 0.00	64.82 0.96 0.00	74.91 1.40 0.00	76.57 1.43 0.00	70.43 1.11 0.00	64.56 0.83 0.00	56.06 0.50 0.00	51.35 0.56 0.00	48.70 0.48 0.00
ALTONA_WT_PWR 323606	42.11 0.37 0.00	39.66 0.28 0.00	36.14 0.29 0.00	33.70 0.30 0.00	32.05 0.19 0.00	35.35 0.28 0.00	39.11 0.23 0.00	39.88 0.20 0.00	37.61 0.11 0.00	37.68 0.26 0.00	40.04 0.32 0.00	43.90 0.35 0.00	46.58 0.23 0.00	50.59 0.15 0.00	52.44 0.21 0.00	53.83 0.05 0.00	63.73 -0.13 0.00	72.93 -0.59 0.00	74.77 -0.37 0.00	69.12 -0.21 0.00	64.05 0.32 0.00	56.23 0.67 0.00	51.30 0.51 0.00	48.66 0.43 0.00
AMERICAN_REF_FUEL 24010	38.65 -3.09 0.00	36.62 -2.76 0.00	33.31 -2.55 0.00	31.10 -2.30 0.00	29.53 -2.32 0.00	32.72 -2.35 0.00	36.70 -2.18 0.00	37.78 -1.90 0.00	35.28 -2.21 0.00	35.06 -2.36 0.00	37.58 -2.15 0.00	41.03 -2.53 0.00	43.01 -3.34 0.00	47.36 -3.08 0.00	48.68 -3.55 0.00	50.06 -3.71 0.00	59.35 -4.47 0.04	69.40 -4.12 0.00	71.38 -3.75 0.00	67.38 -1.94 0.00	60.99 -2.74 0.00	53.45 -2.11 0.00	48.40 -2.39 0.00	45.81 -2.41 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.49 -1.25 0.00	38.08 -1.30 0.00	34.68 -1.18 0.00	32.26 -1.14 0.00	30.52 -1.34 0.00	33.84 -1.23 0.00	38.02 -0.86 0.00	39.20 -0.47 0.00	36.86 -0.64 0.00	36.63 -0.79 0.00	39.29 -0.44 0.00	42.81 -0.74 0.00	45.14 -1.21 0.00	49.84 -0.60 0.00	51.24 -0.99 0.00	52.86 -0.91 0.00	62.42 -1.41 0.03	73.66 0.15 0.00	76.42 1.28 0.00	72.02 2.70 0.00	64.75 1.02 0.00	56.34 0.78 0.00	50.74 -0.05 0.00	47.98 -0.24 0.00
ARTHUR KILL_GT_1 23520	44.71 2.96 -0.01	41.87 2.48 -0.01	37.91 2.04 -0.01	35.21 1.80 -0.01	33.59 1.72 -0.01	36.58 1.51 0.00	40.82 1.94 0.00	42.06 2.38 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.94 3.22 0.00	47.49 3.92 -0.02	50.61 4.26 0.00	54.37 3.93 0.00	55.62 3.39 0.00	56.92 3.23 0.08	67.13 4.02 0.75	77.86 5.00 0.66	79.03 4.58 0.69	72.27 3.67 0.73	62.60 1.72 2.85	55.68 1.17 1.05	53.58 2.79 0.00	51.22 2.99 -0.01
ARTHUR_KILL_2 23512	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.49 1.62 -0.01	36.44 1.37 0.00	40.66 1.79 0.00	41.86 2.18 0.00	39.90 2.40 0.00	39.89 2.47 0.00	42.83 3.10 0.00	47.36 3.79 -0.02	50.57 4.22 0.00	53.96 3.53 0.01	55.67 3.45 0.01	56.43 2.74 0.08	66.48 3.38 0.75	77.42 4.56 0.66	78.58 4.13 0.69	71.57 2.98 0.73	62.41 1.53 2.85	55.62 1.11 1.05	53.38 2.59 0.00	51.12 2.89 -0.01
ARTHUR_KILL_3 23513	44.03 2.29 0.00	41.19 1.81 0.00	37.29 1.44 0.00	34.64 1.24 0.00	33.07 1.21 0.00	36.19 1.12 0.00	40.43 1.56 0.00	41.78 2.10 0.00	39.93 2.44 0.00	39.93 2.51 0.00	42.71 2.98 0.00	47.14 3.57 -0.02	50.24 3.89 0.00	54.32 3.88 0.00	55.83 3.60 0.00	56.60 2.90 0.07	66.81 3.70 0.75	77.94 5.07 0.65	78.81 4.36 0.69	72.14 3.53 0.72	62.74 1.85 2.84	55.72 1.22 1.06	52.87 2.08 0.00	50.54 2.31 0.00

ARTHUR_KILL_COGEN 323718	44.71 2.96 -0.01	41.87 2.48 -0.01	37.91 2.04 -0.01	35.21 1.80 -0.01	33.59 1.72 -0.01	36.58 1.51 0.00	40.82 1.94 0.00	42.02 2.34 0.00	40.05 2.55 0.00	40.00 2.58 0.00	42.94 3.22 0.00	47.49 3.92 -0.02	50.75 4.41 0.00	54.16 3.73 0.01	55.88 3.65 0.01	56.65 2.96 0.08	66.80 3.70 0.75	77.79 4.93 0.66	78.95 4.51 0.69	71.92 3.33 0.73	62.73 1.85 2.85	55.90 1.39 1.05	53.63 2.84 0.00	51.32 3.09 -0.01
ASHOKAN____ 23654	43.20 1.46 0.00	40.60 1.22 0.00	36.97 1.11 0.00	34.24 0.84 0.00	32.66 0.80 0.00	35.67 0.60 0.00	39.38 0.50 0.00	40.12 0.44 0.00	37.87 0.37 0.00	37.57 0.15 0.00	39.92 0.20 0.00	44.03 0.48 0.00	47.14 0.79 0.00	51.35 0.91 0.00	53.43 1.20 0.00	55.12 1.34 0.00	66.48 2.62 0.00	77.63 4.11 0.00	79.19 4.05 0.00	72.79 3.46 0.00	66.34 2.61 0.00	57.34 1.78 0.00	52.36 1.58 0.00	49.91 1.69 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.24 2.50 0.00	41.35 1.97 0.00	37.40 1.54 0.00	34.67 1.27 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.23 1.36 0.01	41.58 1.90 0.01	39.81 2.33 0.01	39.77 2.36 0.01	42.74 3.02 0.00	47.05 3.49 -0.01	50.24 3.89 0.00	54.07 3.63 0.00	55.73 3.50 0.00	56.46 2.69 0.00	67.43 3.57 0.00	78.44 4.93 0.00	79.42 4.28 0.00	72.58 3.26 0.00	65.44 1.72 0.01	56.73 1.17 0.00	53.38 2.59 0.00	50.97 2.75 0.00
ASTORIA_EAST_ENERGY_CC2 323582	44.24 2.50 0.00	41.35 1.97 0.00	37.40 1.54 0.00	34.67 1.27 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.23 1.36 0.01	41.58 1.90 0.01	39.81 2.33 0.01	39.77 2.36 0.01	42.74 3.02 0.00	47.05 3.49 -0.01	50.24 3.89 0.00	54.07 3.63 0.00	55.73 3.50 0.00	56.46 2.69 0.00	67.43 3.57 0.00	78.44 4.93 0.00	79.42 4.28 0.00	72.58 3.26 0.00	65.44 1.72 0.01	56.73 1.17 0.00	53.38 2.59 0.00	50.97 2.75 0.00
ASTORIA_GT2_1 24094	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00
ASTORIA_GT2_2 24095	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00
ASTORIA_GT2_3 24096	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00
ASTORIA_GT2_4 24097	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00
ASTORIA_GT3_1 24098	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00
ASTORIA_GT3_2 24099	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00
ASTORIA_GT3_3 24100	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00
ASTORIA_GT3_4 24101	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00
ASTORIA_GT4_1 24102	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00
ASTORIA_GT4_2 24103	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00
ASTORIA_GT4_3 24104	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00

ASTORIA_GT4_4 24105	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.27 1.40 0.00	41.66 1.98 0.00	39.78 2.29 0.00	39.82 2.39 0.00	42.74 3.02 0.00	47.10 3.53 -0.02	50.15 3.80 0.00	54.17 3.73 0.00	55.52 3.29 0.00	56.78 3.01 0.00	67.75 3.90 0.00	78.52 5.00 0.00	79.49 4.36 0.00	72.78 3.47 0.00	65.38 1.66 0.01	56.56 1.00 0.00	53.38 2.59 0.00	50.87 2.65 0.00
ASTORIA_GT_1 23523	44.37 2.63 0.00	41.47 2.09 0.00	37.47 1.61 0.00	34.77 1.37 0.00	33.13 1.27 0.00	36.09 1.02 0.00	40.35 1.48 0.00	41.78 2.10 0.00	39.89 2.40 0.00	39.89 2.47 0.00	42.86 3.14 0.00	47.19 3.61 -0.02	50.24 3.89 0.00	54.32 3.88 0.00	55.68 3.45 0.00	56.94 3.17 0.00	68.01 4.15 0.00	78.74 5.22 0.00	79.72 4.58 0.00	72.99 3.67 0.00	65.57 1.85 0.01	56.67 1.11 0.00	53.53 2.74 0.00	51.02 2.80 0.00
ASTORIA_GT_10 24110	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.84 1.44 0.00	33.26 1.40 0.00	36.30 1.23 0.00	40.54 1.67 0.00	41.94 2.26 0.00	39.97 2.47 0.00	40.00 2.58 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.33 3.99 0.00	54.42 3.98 0.00	55.78 3.55 0.00	57.05 3.28 0.00	67.94 4.09 0.00	78.66 5.15 0.00	79.64 4.51 0.00	72.85 3.54 0.00	65.51 1.78 0.01	56.73 1.17 0.00	53.28 2.49 0.00	50.83 2.60 0.00
ASTORIA_GT_11 24225	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.84 1.44 0.00	33.26 1.40 0.00	36.30 1.23 0.00	40.54 1.67 0.00	41.94 2.26 0.00	39.97 2.47 0.00	40.00 2.58 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.33 3.99 0.00	54.42 3.98 0.00	55.78 3.55 0.00	57.05 3.28 0.00	67.94 4.09 0.00	78.66 5.15 0.00	79.64 4.51 0.00	72.85 3.54 0.00	65.51 1.78 0.01	56.73 1.17 0.00	53.28 2.49 0.00	50.83 2.60 0.00
ASTORIA_GT_12 24226	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.84 1.44 0.00	33.26 1.40 0.00	36.30 1.23 0.00	40.54 1.67 0.00	41.94 2.26 0.00	39.97 2.47 0.00	40.00 2.58 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.33 3.99 0.00	54.42 3.98 0.00	55.78 3.55 0.00	57.05 3.28 0.00	67.94 4.09 0.00	78.66 5.15 0.00	79.64 4.51 0.00	72.85 3.54 0.00	65.51 1.78 0.01	56.73 1.17 0.00	53.28 2.49 0.00	50.83 2.60 0.00
ASTORIA_GT_13 24227	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.84 1.44 0.00	33.26 1.40 0.00	36.30 1.23 0.00	40.54 1.67 0.00	41.94 2.26 0.00	39.97 2.47 0.00	40.00 2.58 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.33 3.99 0.00	54.42 3.98 0.00	55.78 3.55 0.00	57.05 3.28 0.00	67.94 4.09 0.00	78.66 5.15 0.00	79.64 4.51 0.00	72.85 3.54 0.00	65.51 1.78 0.01	56.73 1.17 0.00	53.28 2.49 0.00	50.83 2.60 0.00
ASTORIA_GT_5 24106	44.37 2.63 0.00	41.47 2.09 0.00	37.47 1.61 0.00	34.77 1.37 0.00	33.13 1.27 0.00	36.09 1.02 0.00	40.35 1.48 0.00	41.78 2.10 0.00	39.89 2.40 0.00	39.89 2.47 0.00	42.86 3.14 0.00	47.19 3.61 -0.02	50.24 3.89 0.00	54.32 3.88 0.00	55.68 3.45 0.00	56.94 3.17 0.00	68.01 4.15 0.00	78.74 5.22 0.00	79.72 4.58 0.00	72.99 3.67 0.00	65.57 1.85 0.01	56.67 1.11 0.00	53.53 2.74 0.00	51.02 2.80 0.00
ASTORIA_GT_7 24107	44.37 2.63 0.00	41.47 2.09 0.00	37.47 1.61 0.00	34.77 1.37 0.00	33.13 1.27 0.00	36.09 1.02 0.00	40.35 1.48 0.00	41.78 2.10 0.00	39.89 2.40 0.00	39.89 2.47 0.00	42.86 3.14 0.00	47.19 3.61 -0.02	50.24 3.89 0.00	54.32 3.88 0.00	55.68 3.45 0.00	56.94 3.17 0.00	68.01 4.15 0.00	78.74 5.22 0.00	79.72 4.58 0.00	72.99 3.67 0.00	65.57 1.85 0.01	56.67 1.11 0.00	53.53 2.74 0.00	51.02 2.80 0.00
ASTORIA_GT_8 24108	44.37 2.63 0.00	41.47 2.09 0.00	37.47 1.61 0.00	34.77 1.37 0.00	33.13 1.27 0.00	36.09 1.02 0.00	40.35 1.48 0.00	41.78 2.10 0.00	39.89 2.40 0.00	39.89 2.47 0.00	42.86 3.14 0.00	47.19 3.61 -0.02	50.24 3.89 0.00	54.32 3.88 0.00	55.68 3.45 0.00	56.94 3.17 0.00	68.01 4.15 0.00	78.74 5.22 0.00	79.72 4.58 0.00	72.99 3.67 0.00	65.57 1.85 0.01	56.67 1.11 0.00	53.53 2.74 0.00	51.02 2.80 0.00
ASTORIA___2 24149	44.24 2.50 0.00	41.39 2.01 0.00	37.40 1.54 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.02 0.95 0.00	40.26 1.40 0.01	41.62 1.94 0.01	39.81 2.33 0.01	39.81 2.40 0.01	42.74 3.02 0.00	47.09 3.53 -0.01	50.24 3.89 0.00	54.12 3.68 0.00	55.78 3.55 0.00	56.51 2.74 0.00	67.50 3.64 0.00	78.44 4.93 0.00	79.42 4.28 0.00	72.58 3.26 0.00	65.50 1.78 0.01	56.73 1.17 0.00	53.43 2.64 0.00	50.97 2.75 0.00
ASTORIA___3 23516	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.83 1.44 0.00	33.26 1.40 0.00	36.30 1.23 0.00	40.54 1.67 0.00	41.86 2.18 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.43 4.08 0.00	54.38 3.94 0.00	55.99 3.76 0.00	56.84 3.06 0.00	67.62 3.77 0.00	78.59 5.07 0.00	79.57 4.43 0.00	72.71 3.40 0.00	65.63 1.91 0.01	56.95 1.39 0.00	53.28 2.49 0.00	50.92 2.70 0.00
ASTORIA___4 23517	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.84 1.44 0.00	33.26 1.40 0.00	36.30 1.23 0.00	40.54 1.67 0.00	41.94 2.26 0.00	39.97 2.47 0.00	40.00 2.58 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.33 3.99 0.00	54.42 3.98 0.00	55.78 3.55 0.00	57.05 3.28 0.00	67.94 4.09 0.00	78.66 5.15 0.00	79.64 4.51 0.00	72.85 3.54 0.00	65.51 1.78 0.01	56.73 1.17 0.00	53.28 2.49 0.00	50.83 2.60 0.00
ASTORIA___5 23518	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.83 1.44 0.00	33.26 1.40 0.00	36.30 1.23 0.00	40.54 1.67 0.00	41.86 2.18 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.43 4.08 0.00	54.38 3.94 0.00	55.99 3.76 0.00	56.84 3.06 0.00	67.62 3.77 0.00	78.59 5.07 0.00	79.57 4.43 0.00	72.71 3.40 0.00	65.63 1.91 0.01	56.95 1.39 0.00	53.28 2.49 0.00	50.92 2.70 0.00
AST_ENERGY_2_CC3 323677	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.62 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.90 2.22 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.33 3.99 0.00	54.38 3.94 0.00	55.99 3.76 0.00	56.89 3.12 0.00	67.82 3.96 0.00	78.81 5.30 0.00	79.79 4.66 0.01	73.05 3.74 0.01	65.90 2.17 0.00	57.00 1.44 0.00	53.08 2.29 0.00	50.78 2.55 0.00
AST_ENERGY_2_CC4 323678	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.62 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.90 2.22 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.33 3.99 0.00	54.38 3.94 0.00	55.99 3.76 0.00	56.89 3.12 0.00	67.82 3.96 0.00	78.81 5.30 0.00	79.79 4.66 0.01	73.05 3.74 0.01	65.90 2.17 0.00	57.00 1.44 0.00	53.08 2.29 0.00	50.78 2.55 0.00

ATHENS_STG_1 23668	42.57 0.83 0.00	40.05 0.67 0.00	36.47 0.61 0.00	33.93 0.53 0.00	32.37 0.51 0.00	35.52 0.45 0.00	39.38 0.50 0.00	40.35 0.67 0.00	38.32 0.82 0.00	38.24 0.82 0.00	40.64 0.91 0.00	44.64 1.09 0.00	47.60 1.25 0.00	51.70 1.26 0.00	53.48 1.25 0.00	54.90 1.13 0.00	65.33 1.47 0.00	75.72 2.20 0.00	77.09 1.95 0.00	70.85 1.52 0.00	64.56 0.83 0.00	56.06 0.50 0.00	51.50 0.71 0.00	48.99 0.77 0.00
ATHENS_STG_2 23670	42.57 0.83 0.00	40.05 0.67 0.00	36.47 0.61 0.00	33.93 0.53 0.00	32.37 0.51 0.00	35.52 0.45 0.00	39.38 0.50 0.00	40.35 0.67 0.00	38.32 0.82 0.00	38.24 0.82 0.00	40.64 0.91 0.00	44.64 1.09 0.00	47.60 1.25 0.00	51.70 1.26 0.00	53.48 1.25 0.00	54.90 1.13 0.00	65.33 1.47 0.00	75.72 2.20 0.00	77.09 1.95 0.00	70.85 1.52 0.00	64.56 0.83 0.00	56.06 0.50 0.00	51.50 0.71 0.00	48.99 0.77 0.00
ATHENS_STG_3 23677	42.57 0.83 0.00	40.05 0.67 0.00	36.47 0.61 0.00	33.93 0.53 0.00	32.37 0.51 0.00	35.52 0.45 0.00	39.38 0.50 0.00	40.35 0.67 0.00	38.32 0.82 0.00	38.24 0.82 0.00	40.64 0.91 0.00	44.64 1.09 0.00	47.60 1.25 0.00	51.70 1.26 0.00	53.48 1.25 0.00	54.90 1.13 0.00	65.33 1.47 0.00	75.72 2.20 0.00	77.09 1.95 0.00	70.85 1.52 0.00	64.56 0.83 0.00	56.06 0.50 0.00	51.50 0.71 0.00	48.99 0.77 0.00
AUBURN____LFGE 323710	41.61 -0.13 0.00	39.38 0.00 0.00	35.79 -0.07 0.00	33.37 -0.03 0.00	31.80 -0.06 0.00	35.17 0.11 0.00	39.07 0.19 0.00	39.76 0.08 0.00	37.46 -0.04 0.00	37.31 -0.11 0.00	39.69 -0.04 0.00	43.51 -0.04 0.00	46.30 -0.05 0.00	50.64 0.10 -0.10	52.44 0.21 0.00	54.20 0.43 0.00	64.37 0.51 0.00	74.62 1.10 0.00	76.85 1.50 -0.20	71.06 1.73 0.00	65.00 1.27 0.00	56.76 0.94 -0.26	51.25 0.46 0.00	48.62 0.34 -0.06
BABYLON_RES_REC 323704	45.87 3.38 -0.75	42.83 2.76 -0.69	38.75 2.22 -0.67	35.99 1.90 -0.69	34.35 1.85 -0.65	37.48 1.75 -0.66	41.47 2.18 -0.42	42.99 2.78 -0.53	41.41 3.15 -0.76	41.85 3.48 -0.95	48.23 3.70 -4.81	49.81 4.27 -1.98	52.46 4.59 -1.52	60.24 4.24 -5.56	62.78 4.49 -6.06	69.25 4.08 -11.39	83.98 4.40 -15.72	101.13 6.25 -21.37	94.62 5.48 -14.00	91.61 4.23 -18.06	77.47 2.36 -11.38	64.14 2.56 -6.02	55.22 2.69 -1.74	51.99 3.28 -0.49
BALL_HILL_WT_PWR 323825	40.28 -1.46 0.00	38.12 -1.26 0.00	34.64 -1.22 0.00	32.30 -1.10 0.00	30.68 -1.18 0.00	33.98 -1.09 0.00	38.10 -0.78 0.00	39.20 -0.47 0.00	36.71 -0.79 0.00	36.52 -0.90 0.00	39.13 -0.59 0.00	42.73 -0.83 0.00	45.00 -1.35 0.00	49.63 -0.81 0.00	51.08 -1.15 0.00	52.59 -1.18 0.00	62.10 -1.72 0.03	73.01 -0.51 0.00	75.44 0.30 0.00	70.98 1.66 0.00	63.79 0.06 0.00	55.62 0.06 0.00	50.18 -0.61 0.00	47.45 -0.77 0.00
BARON_WINDS____WT_PWR 323822	40.82 -0.92 0.00	38.59 -0.79 0.00	35.04 -0.82 0.00	32.63 -0.77 0.00	31.00 -0.86 0.00	34.33 -0.74 0.00	38.33 -0.54 0.00	39.20 -0.47 0.00	36.74 -0.75 0.00	36.45 -0.97 0.00	38.93 -0.79 0.00	42.55 -1.00 0.00	45.00 -1.35 0.00	49.40 -1.06 -0.02	51.13 -1.10 0.00	52.75 -1.02 0.00	62.43 -1.41 0.02	73.22 -0.29 0.00	75.71 0.53 -0.04	70.92 1.60 0.00	64.18 0.45 0.00	55.89 0.28 -0.05	50.54 -0.25 0.00	47.90 -0.34 -0.01
BARRETT_IC_1 23704	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BARRETT_IC_10 23701	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BARRETT_IC_11 23702	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BARRETT_IC_12 23703	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BARRETT_IC_2 23705	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BARRETT_IC_3 23706	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BARRETT_IC_4 23707	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BARRETT_IC_5 23708	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01

BARRETT_IC_6 23709	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BARRETT_IC_7 23710	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	42.02 2.34 0.00	40.23 2.74 0.00	40.41 2.99 0.00	47.17 3.22 -4.23	48.58 3.70 -1.32	50.29 3.94 0.00	54.07 3.63 0.00	56.15 3.92 0.00	57.55 3.76 -0.02	68.47 4.60 -0.02	79.39 5.81 -0.07	80.32 5.18 0.00	73.20 3.88 0.00	65.77 2.04 0.00	57.62 2.06 0.00	53.12 2.34 0.00	50.78 2.56 0.00
BARRETT_IC_8 23711	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BARRETT_IC_9 23700	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BARRETT___1 23545	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BARRETT___2 23546	44.62 2.88 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.51 1.44 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.27 2.77 0.00	40.42 2.99 -0.01	47.17 3.22 -4.23	48.58 3.70 -1.32	50.39 4.03 -0.01	54.32 3.88 0.00	56.26 4.02 -0.01	57.35 3.55 -0.02	67.97 4.09 -0.02	79.33 5.74 -0.07	80.26 5.11 -0.01	73.14 3.81 -0.01	65.84 2.10 -0.01	57.63 2.06 -0.01	53.18 2.39 -0.01	51.07 2.84 -0.01
BATAVIA___115KV_TB1 55881	40.95 -0.79 0.00	38.63 -0.75 0.00	35.21 -0.65 0.00	32.87 -0.53 0.00	31.22 -0.64 0.00	34.72 -0.35 0.00	38.91 0.04 0.00	40.00 0.32 0.00	37.31 -0.19 0.00	37.05 -0.37 0.00	39.65 -0.08 0.00	43.42 -0.13 0.00	45.98 -0.37 0.00	50.54 0.10 0.00	52.28 0.05 0.00	53.56 -0.22 0.00	63.63 -0.19 0.04	74.47 0.96 0.00	77.02 1.88 0.00	72.65 3.33 0.00	66.28 2.55 0.00	57.62 2.06 0.00	51.65 0.86 0.00	48.70 0.48 0.00
BAYONEEC___CTG1 323682	44.16 2.42 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.94 2.26 0.00	40.05 2.55 0.00	40.04 2.62 0.00	42.83 3.10 0.00	47.27 3.70 -0.02	50.38 4.03 0.00	54.42 3.98 0.00	56.04 3.81 0.00	56.94 3.17 0.00	67.88 4.03 0.00	78.96 5.44 0.00	79.88 4.74 0.00	73.21 3.88 0.00	65.96 2.23 0.00	57.06 1.50 0.00	53.08 2.29 0.00	50.73 2.51 0.00
BAYONEEC___CTG10 323750	44.16 2.42 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.94 2.26 0.00	40.05 2.55 0.00	40.04 2.62 0.00	42.83 3.10 0.00	47.27 3.70 -0.02	50.38 4.03 0.00	54.42 3.98 0.00	56.04 3.81 0.00	56.94 3.17 0.00	67.88 4.03 0.00	78.96 5.44 0.00	79.88 4.74 0.00	73.21 3.88 0.00	65.96 2.23 0.00	57.06 1.50 0.00	53.08 2.29 0.00	50.73 2.51 0.00
BAYONEEC___CTG2 323683	44.16 2.42 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.94 2.26 0.00	40.05 2.55 0.00	40.04 2.62 0.00	42.83 3.10 0.00	47.27 3.70 -0.02	50.38 4.03 0.00	54.42 3.98 0.00	56.04 3.81 0.00	56.94 3.17 0.00	67.88 4.03 0.00	78.96 5.44 0.00	79.88 4.74 0.00	73.21 3.88 0.00	65.96 2.23 0.00	57.06 1.50 0.00	53.08 2.29 0.00	50.73 2.51 0.00
BAYONEEC___CTG3 323684	44.16 2.42 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.94 2.26 0.00	40.05 2.55 0.00	40.04 2.62 0.00	42.83 3.10 0.00	47.27 3.70 -0.02	50.38 4.03 0.00	54.42 3.98 0.00	56.04 3.81 0.00	56.94 3.17 0.00	67.88 4.03 0.00	78.96 5.44 0.00	79.88 4.74 0.00	73.21 3.88 0.00	65.96 2.23 0.00	57.06 1.50 0.00	53.08 2.29 0.00	50.73 2.51 0.00
BAYONEEC___CTG4 323685	44.16 2.42 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.94 2.26 0.00	40.05 2.55 0.00	40.04 2.62 0.00	42.83 3.10 0.00	47.27 3.70 -0.02	50.38 4.03 0.00	54.42 3.98 0.00	56.04 3.81 0.00	56.94 3.17 0.00	67.88 4.03 0.00	78.96 5.44 0.00	79.88 4.74 0.00	73.21 3.88 0.00	65.96 2.23 0.00	57.06 1.50 0.00	53.08 2.29 0.00	50.73 2.51 0.00
BAYONEEC___CTG5 323686	44.16 2.42 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.94 2.26 0.00	40.05 2.55 0.00	40.04 2.62 0.00	42.83 3.10 0.00	47.27 3.70 -0.02	50.38 4.03 0.00	54.42 3.98 0.00	56.04 3.81 0.00	56.94 3.17 0.00	67.88 4.03 0.00	78.96 5.44 0.00	79.88 4.74 0.00	73.21 3.88 0.00	65.96 2.23 0.00	57.06 1.50 0.00	53.08 2.29 0.00	50.73 2.51 0.00
BAYONEEC___CTG6 323687	44.16 2.42 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.94 2.26 0.00	40.05 2.55 0.00	40.04 2.62 0.00	42.83 3.10 0.00	47.27 3.70 -0.02	50.38 4.03 0.00	54.42 3.98 0.00	56.04 3.81 0.00	56.94 3.17 0.00	67.88 4.03 0.00	78.96 5.44 0.00	79.88 4.74 0.00	73.21 3.88 0.00	65.96 2.23 0.00	57.06 1.50 0.00	53.08 2.29 0.00	50.73 2.51 0.00
BAYONEEC___CTG7 323688	44.16 2.42 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.94 2.26 0.00	40.05 2.55 0.00	40.04 2.62 0.00	42.83 3.10 0.00	47.27 3.70 -0.02	50.38 4.03 0.00	54.42 3.98 0.00	56.04 3.81 0.00	56.94 3.17 0.00	67.88 4.03 0.00	78.96 5.44 0.00	79.88 4.74 0.00	73.21 3.88 0.00	65.96 2.23 0.00	57.06 1.50 0.00	53.08 2.29 0.00	50.73 2.51 0.00

BAYONEEC___CTG8 323689	44.16 2.42 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.94 2.26 0.00	40.05 2.55 0.00	40.04 2.62 0.00	42.83 3.10 0.00	47.27 3.70 -0.02	50.38 4.03 0.00	54.42 3.98 0.00	56.04 3.81 0.00	56.94 3.17 0.00	67.88 4.03 0.00	78.96 5.44 0.00	79.88 4.74 0.00	73.21 3.88 0.00	65.96 2.23 0.00	57.06 1.50 0.00	53.08 2.29 0.00	50.73 2.51 0.00
BAYONEEC___CTG9 323749	44.16 2.42 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.94 2.26 0.00	40.05 2.55 0.00	40.04 2.62 0.00	42.83 3.10 0.00	47.27 3.70 -0.02	50.38 4.03 0.00	54.42 3.98 0.00	56.04 3.81 0.00	56.94 3.17 0.00	67.88 4.03 0.00	78.96 5.44 0.00	79.88 4.74 0.00	73.21 3.88 0.00	65.96 2.23 0.00	57.06 1.50 0.00	53.08 2.29 0.00	50.73 2.51 0.00
BAYPORT_69_KV_BK 2 356364	58.53 4.09 -12.70	54.47 3.43 -11.67	49.91 2.80 -11.25	47.43 2.44 -11.59	45.16 2.36 -10.95	48.49 2.31 -11.11	48.73 2.80 -7.06	52.18 3.45 -9.05	54.23 3.82 -12.92	57.52 4.15 -15.94	58.32 4.49 -14.10	61.15 5.10 -12.50	77.13 5.19 -25.60	149.28 4.74 -94.10	159.93 5.33 -102.37	251.36 5.22 -192.37	335.48 5.94 -265.69	442.36 7.43 -361.42	327.27 6.54 -245.60	379.98 5.20 -305.46	259.39 3.12 -192.54	160.83 3.44 -101.83	83.59 3.40 -29.40	60.04 3.57 -8.25
BEACON___LESR 323632	42.37 0.63 0.00	39.97 0.59 0.00	36.43 0.57 0.00	33.90 0.50 0.00	32.37 0.51 0.00	35.60 0.53 0.00	39.26 0.39 0.00	40.04 0.36 0.00	37.87 0.37 0.00	37.76 0.34 0.00	39.97 0.24 0.00	43.73 0.17 0.00	46.67 0.33 0.00	50.94 0.50 0.00	52.80 0.58 0.00	54.42 0.65 0.00	64.88 1.02 0.00	75.21 1.69 0.00	76.94 1.80 0.00	70.71 1.39 0.00	64.88 1.15 0.00	56.34 0.78 0.00	51.45 0.66 0.00	48.85 0.63 0.00
BEAVER RIVER___HYD 24048	42.91 1.17 0.00	40.37 0.98 0.00	36.79 0.93 0.00	34.40 1.00 0.00	32.88 1.02 0.00	36.40 1.33 0.00	40.31 1.44 0.00	40.95 1.27 0.00	38.24 0.75 0.00	37.98 0.56 0.00	40.08 0.36 0.00	43.77 0.22 0.00	46.53 0.19 0.00	50.63 0.10 -0.09	52.33 0.10 0.00	53.99 0.22 0.00	64.64 0.77 -0.01	75.21 1.69 0.00	77.79 2.48 -0.18	72.23 2.91 0.00	66.73 3.00 0.00	58.57 2.78 -0.23	53.18 2.39 0.00	50.45 2.17 -0.05
BEEBEE_GT_13 23619	41.07 -0.67 0.00	38.79 -0.59 0.00	35.32 -0.54 0.00	32.93 -0.47 0.00	31.35 -0.51 0.00	34.75 -0.32 0.00	38.80 -0.08 0.00	39.96 0.28 0.00	37.49 0.00 0.00	37.42 0.00 0.00	39.96 0.24 0.00	43.82 0.26 0.00	46.44 0.09 0.00	50.89 0.45 0.00	52.70 0.47 0.00	54.10 0.32 0.00	64.20 0.38 0.04	74.69 1.18 0.00	76.79 1.65 0.00	71.82 2.50 0.00	65.39 1.66 0.00	56.89 1.33 0.00	51.25 0.46 0.00	48.37 0.14 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.75 3.01 -0.01	41.91 2.52 -0.01	37.95 2.08 -0.01	35.21 1.80 -0.01	33.62 1.75 -0.01	36.65 1.58 0.00	40.93 2.06 0.00	42.30 2.62 0.00	40.27 2.77 0.00	40.30 2.88 0.00	43.26 3.54 0.00	47.79 4.22 -0.02	50.89 4.54 0.00	54.98 4.54 0.00	56.36 4.13 0.00	57.70 3.93 0.00	68.65 4.79 0.00	79.47 5.95 0.00	80.62 5.49 0.00	73.82 4.51 0.00	66.21 2.49 0.01	57.39 1.83 0.00	53.94 3.15 0.00	51.41 3.18 -0.01
BETHLEHEM___GRP 23843	41.82 0.08 0.00	39.50 0.12 0.00	36.00 0.14 0.00	33.50 0.10 0.00	31.99 0.13 0.00	35.14 0.07 0.00	38.76 -0.12 0.00	39.56 -0.12 0.00	37.46 -0.04 0.00	37.35 -0.07 0.00	39.57 -0.16 0.00	43.25 -0.30 0.00	46.12 -0.23 0.00	50.19 -0.25 0.00	52.02 -0.21 0.00	53.77 0.00 0.00	63.99 0.13 0.00	74.03 0.51 0.00	75.59 0.45 0.00	69.46 0.14 0.00	63.73 0.00 0.00	55.34 -0.22 0.00	50.64 -0.15 0.00	48.03 -0.19 0.00
BETHLEHEM___GS1 323560	41.82 0.08 0.00	39.50 0.12 0.00	36.00 0.14 0.00	33.50 0.10 0.00	31.99 0.13 0.00	35.14 0.07 0.00	38.76 -0.12 0.00	39.56 -0.12 0.00	37.46 -0.04 0.00	37.35 -0.07 0.00	39.57 -0.16 0.00	43.25 -0.30 0.00	46.12 -0.23 0.00	50.29 -0.15 0.00	52.07 -0.16 0.00	53.67 -0.11 0.00	63.92 0.06 0.00	73.96 0.44 0.00	75.59 0.45 0.00	69.46 0.14 0.00	63.73 0.00 0.00	55.40 -0.17 0.00	50.64 -0.15 0.00	48.08 -0.14 0.00
BETHLEHEM___GS2 323561	41.82 0.08 0.00	39.50 0.12 0.00	36.00 0.14 0.00	33.50 0.10 0.00	31.99 0.13 0.00	35.14 0.07 0.00	38.76 -0.12 0.00	39.56 -0.12 0.00	37.46 -0.04 0.00	37.35 -0.07 0.00	39.57 -0.16 0.00	43.25 -0.30 0.00	46.12 -0.23 0.00	50.29 -0.15 0.00	52.07 -0.16 0.00	53.67 -0.11 0.00	63.92 0.06 0.00	73.96 0.44 0.00	75.59 0.45 0.00	69.46 0.14 0.00	63.73 0.00 0.00	55.40 -0.17 0.00	50.64 -0.15 0.00	48.08 -0.14 0.00
BETHLEHEM___GS3 323562	41.82 0.08 0.00	39.50 0.12 0.00	36.00 0.14 0.00	33.50 0.10 0.00	31.99 0.13 0.00	35.14 0.07 0.00	38.76 -0.12 0.00	39.56 -0.12 0.00	37.46 -0.04 0.00	37.35 -0.07 0.00	39.57 -0.16 0.00	43.25 -0.30 0.00	46.12 -0.23 0.00	50.29 -0.15 0.00	52.07 -0.16 0.00	53.67 -0.11 0.00	63.92 0.06 0.00	73.96 0.44 0.00	75.59 0.45 0.00	69.46 0.14 0.00	63.73 0.00 0.00	55.40 -0.17 0.00	50.64 -0.15 0.00	48.08 -0.14 0.00
BETHLEHEM___STEEL 23779	40.24 -1.50 0.00	38.08 -1.30 0.00	34.60 -1.26 0.00	32.30 -1.10 0.00	30.68 -1.18 0.00	34.02 -1.05 0.00	38.13 -0.74 0.00	39.24 -0.44 0.00	36.74 -0.75 0.00	36.52 -0.90 0.00	39.17 -0.56 0.00	42.77 -0.78 0.00	45.37 -0.97 0.00	49.98 -0.45 0.00	51.76 -0.47 0.00	52.91 -0.86 0.00	62.80 -1.02 0.03	73.30 -0.22 0.00	75.67 0.53 0.00	71.33 2.01 0.00	64.75 1.02 0.00	56.34 0.78 0.00	50.48 -0.30 0.00	47.69 -0.53 0.00
BETHLHEM_115KV_TB1 79974	41.95 0.21 0.00	39.58 0.20 0.00	36.07 0.22 0.00	33.57 0.17 0.00	32.05 0.19 0.00	35.21 0.14 0.00	38.83 -0.04 0.00	39.64 -0.04 0.00	37.53 0.04 0.00	37.42 0.00 0.00	39.69 -0.04 0.00	43.38 -0.17 0.00	46.26 -0.09 0.00	50.34 -0.10 0.00	52.18 -0.05 0.00	53.88 0.11 0.00	64.18 0.32 0.00	74.18 0.66 0.00	75.82 0.68 0.00	69.67 0.35 0.00	63.86 0.13 0.00	55.51 -0.06 0.00	50.79 0.00 0.00	48.17 -0.05 0.00
BETHPAGE_CC_5 323564	44.79 3.05 0.00	41.82 2.44 0.00	37.83 1.97 0.00	35.10 1.70 0.00	33.48 1.62 0.00	36.61 1.54 0.00	40.78 1.90 0.00	42.14 2.46 0.00	40.38 2.89 0.00	40.61 3.18 -0.01	47.37 3.42 -4.23	48.84 3.96 -1.32	50.62 4.26 -0.01	54.38 3.94 0.00	56.36 4.13 -0.01	57.55 3.76 -0.02	67.97 4.09 -0.02	79.32 5.81 0.00	79.62 5.03 0.56	73.06 3.74 0.00	65.71 1.98 0.00	57.67 2.11 0.00	53.08 2.29 0.00	51.12 2.89 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.28 -1.46 0.00	38.08 -1.30 0.00	34.60 -1.26 0.00	32.30 -1.10 0.00	30.71 -1.15 0.00	34.02 -1.05 0.00	38.13 -0.74 0.00	39.28 -0.40 0.00	36.78 -0.71 0.00	36.60 -0.82 0.00	39.25 -0.48 0.00	42.86 -0.70 0.00	45.47 -0.88 0.00	50.09 -0.35 0.00	51.86 -0.37 0.00	53.07 -0.70 0.00	62.99 -0.83 0.03	73.59 0.07 0.00	75.89 0.75 0.00	71.54 2.22 0.00	64.94 1.21 0.00	56.45 0.89 0.00	50.53 -0.25 0.00	47.79 -0.43 0.00

BINGHAMTON___COGEN 23790	41.36 -0.38 0.00	39.07 -0.32 0.00	35.54 -0.32 0.00	33.10 -0.30 0.00	31.54 -0.32 0.00	34.82 -0.25 0.00	38.76 -0.12 0.00	39.60 -0.08 0.00	37.31 -0.19 0.00	37.16 -0.26 0.00	39.61 -0.12 0.00	43.42 -0.13 0.00	46.21 -0.14 0.00	50.58 0.10 -0.04	52.44 0.21 0.00	54.15 0.38 0.00	64.42 0.57 0.01	74.69 1.18 0.00	76.65 1.43 -0.09	70.99 1.66 0.00	64.69 0.96 0.00	56.28 0.61 -0.11	50.94 0.15 0.00	48.34 0.10 -0.03
BIXINCNT_115KV_LOAD 355685	40.20 -1.54 0.00	38.00 -1.38 0.00	34.46 -1.40 0.00	32.16 -1.24 0.00	30.52 -1.34 0.00	33.88 -1.19 0.00	37.82 -1.05 0.00	38.97 -0.71 0.00	36.71 -0.79 0.00	36.60 -0.82 0.00	39.33 -0.40 0.00	42.94 -0.61 0.00	45.42 -0.93 0.00	49.98 -0.45 0.00	51.92 -0.31 0.00	53.07 -0.70 0.00	63.06 -0.77 0.03	73.96 0.44 0.00	76.49 1.35 0.00	72.10 2.77 0.00	65.39 1.66 0.00	56.67 1.11 0.00	50.69 -0.10 0.00	47.93 -0.29 0.00
BLACK RIVER___HYD 24047	43.62 1.88 0.00	41.00 1.62 0.00	37.44 1.58 0.00	35.07 1.67 0.00	33.51 1.66 0.00	37.17 2.10 0.00	41.13 2.25 0.00	41.74 2.06 0.00	38.84 1.35 0.00	38.51 1.09 0.00	40.60 0.87 0.00	44.25 0.69 0.00	47.04 0.70 0.00	51.49 0.91 -0.15	53.22 0.99 0.00	55.01 1.24 0.00	65.93 2.04 -0.03	77.05 3.53 0.00	79.94 4.51 -0.30	74.38 5.06 0.00	68.76 5.03 0.00	60.50 4.56 -0.38	54.55 3.76 0.00	51.69 3.37 -0.09
BLACKRVR_115KV_TB2 79977	43.62 1.88 0.00	40.99 1.61 0.00	37.44 1.58 0.00	35.07 1.67 0.00	33.52 1.66 0.00	37.17 2.10 0.00	41.13 2.25 0.00	41.74 2.06 0.00	38.84 1.35 0.00	38.51 1.09 0.00	40.60 0.87 0.00	44.25 0.70 0.00	47.09 0.74 0.00	51.49 0.91 -0.15	53.27 1.04 0.00	55.06 1.29 0.00	65.99 2.11 -0.03	77.05 3.53 0.00	79.95 4.51 -0.30	74.45 5.13 0.00	68.89 5.16 0.00	60.61 4.67 -0.38	54.60 3.81 0.00	51.74 3.42 -0.09
BLISS_WT_PWR 323608	40.15 -1.59 0.00	37.92 -1.46 0.00	34.39 -1.47 0.00	32.06 -1.34 0.00	30.43 -1.43 0.00	33.77 -1.30 0.00	37.71 -1.17 0.00	38.81 -0.87 0.00	36.59 -0.90 0.00	36.56 -0.86 0.00	39.29 -0.44 0.00	42.90 -0.65 0.00	44.96 -1.39 0.00	49.53 -0.91 0.00	51.18 -1.04 0.00	52.54 -1.23 0.00	61.59 -2.24 0.03	72.93 -0.59 0.00	75.81 0.67 0.00	71.47 2.15 0.00	64.24 0.51 0.00	55.84 0.28 0.00	50.28 -0.51 0.00	47.59 -0.63 0.00
BLUESTONE___WT_PWR 323821	42.99 1.25 0.00	40.48 1.10 0.00	36.86 1.00 0.00	34.40 1.00 0.00	32.81 0.95 0.00	36.19 1.12 0.00	40.20 1.32 0.00	41.07 1.39 0.00	38.62 1.12 0.00	38.43 1.01 0.00	40.80 1.07 0.00	44.68 1.13 0.00	47.55 1.20 0.00	51.98 1.51 -0.03	53.90 1.67 0.00	55.49 1.72 0.00	66.21 2.36 0.01	77.26 3.75 0.00	79.25 4.05 -0.06	73.20 3.88 0.00	66.73 3.00 0.00	58.02 2.39 -0.07	52.82 2.03 0.00	50.17 1.93 -0.02
BLUE_CIRC_CHEM_DRP 24182	42.45 0.71 0.00	40.05 0.67 0.00	36.50 0.65 0.00	33.97 0.57 0.00	32.43 0.57 0.00	35.60 0.53 0.00	39.30 0.43 0.00	40.00 0.32 0.00	37.76 0.26 0.00	37.57 0.15 0.00	39.80 0.08 0.00	43.60 0.04 0.00	46.49 0.14 0.00	50.64 0.20 0.00	52.49 0.26 0.00	54.20 0.43 0.00	64.62 0.77 0.00	74.84 1.32 0.00	76.64 1.50 0.00	70.57 1.25 0.00	64.75 1.02 0.00	56.28 0.72 0.00	51.50 0.71 0.00	48.90 0.68 0.00
BOC_GAS_DRP 24189	42.16 0.42 0.00	39.77 0.39 0.00	36.22 0.36 0.00	33.73 0.33 0.00	32.18 0.32 0.00	35.35 0.28 0.00	39.07 0.19 0.00	39.92 0.24 0.00	37.79 0.30 0.00	37.68 0.26 0.00	40.00 0.28 0.00	43.86 0.30 0.00	46.72 0.37 0.00	50.79 0.35 0.00	52.59 0.37 0.00	54.33 0.48 -0.07	65.34 0.77 -0.71	75.31 1.18 -0.62	76.19 1.05 0.00	70.08 0.76 0.00	64.18 0.45 0.00	55.78 0.22 0.00	51.09 0.30 0.00	48.51 0.29 0.00
BOONVILLE_115KV_TB1 79983	42.66 0.92 0.00	40.17 0.79 0.00	36.61 0.75 0.00	34.17 0.77 0.00	32.62 0.76 0.00	36.05 0.98 0.00	39.92 1.05 0.00	40.67 0.99 0.00	38.17 0.67 0.00	38.02 0.60 0.00	40.20 0.48 0.00	43.99 0.44 0.00	46.81 0.46 0.00	51.03 0.55 -0.04	52.96 0.73 0.00	54.63 0.86 0.00	65.26 1.40 0.00	75.72 2.21 0.00	77.77 2.55 -0.08	72.03 2.70 0.00	66.22 2.49 0.00	57.83 2.17 -0.10	52.57 1.78 0.00	49.84 1.59 -0.02
BORALEX_4TH_BRANCH 23824	43.28 1.54 0.00	40.88 1.50 0.00	37.29 1.43 0.00	34.70 1.30 0.00	33.10 1.24 0.00	36.40 1.33 0.00	40.00 1.13 0.00	43.45 1.13 0.00	40.91 3.77 0.00	40.56 3.14 0.00	41.71 1.99 0.00	44.77 1.22 0.00	47.83 1.48 0.00	52.00 1.56 0.00	55.52 3.29 0.00	58.83 5.05 0.00	65.96 2.11 0.00	76.16 2.65 0.00	77.92 2.78 0.00	71.61 2.29 0.00	66.09 2.36 0.00	57.56 2.00 0.00	52.36 1.57 0.00	49.43 1.21 0.00
BOWLINE___1 23526	43.49 1.75 0.00	40.84 1.46 0.00	37.08 1.22 0.00	34.44 1.04 0.00	32.85 0.99 0.00	35.98 0.91 0.00	40.08 1.21 0.00	41.27 1.59 0.00	39.33 1.84 0.00	39.33 1.91 0.00	41.95 2.22 0.00	46.26 2.70 0.00	49.32 2.97 0.00	53.41 2.98 0.00	55.20 2.98 0.00	56.41 2.63 0.00	67.30 3.45 0.00	78.23 4.71 0.00	79.27 4.13 0.00	72.72 3.40 0.00	65.71 1.98 0.00	56.78 1.22 0.00	52.41 1.62 0.00	50.01 1.79 0.00
BOWLINE___2 23595	43.45 1.71 0.00	40.80 1.42 0.00	37.04 1.18 0.00	34.44 1.04 0.00	32.85 0.99 0.00	35.98 0.91 0.00	40.08 1.21 0.00	41.27 1.59 0.00	39.33 1.84 0.00	39.33 1.91 0.00	41.95 2.22 0.00	46.21 2.66 0.00	49.22 2.87 0.00	53.36 2.92 0.00	55.10 2.87 0.00	56.30 2.53 0.00	67.18 3.32 0.00	78.08 4.56 0.00	79.19 4.05 0.00	72.58 3.26 0.00	65.58 1.85 0.00	56.67 1.11 0.00	52.36 1.58 0.00	49.96 1.73 0.00
BRADY___115KV_TB2 356060	42.37 0.63 0.00	39.85 0.47 0.00	36.33 0.47 0.00	33.93 0.53 0.00	32.31 0.45 0.00	35.70 0.63 0.00	39.50 0.62 0.00	40.12 0.44 0.00	37.68 0.19 0.00	37.61 0.19 0.00	39.77 0.04 0.00	43.60 0.04 0.00	46.26 -0.09 0.00	50.24 -0.20 0.00	51.76 -0.47 0.00	52.91 -0.86 0.00	62.77 -1.09 0.00	71.97 -1.54 0.00	73.94 -1.20 0.00	68.56 -0.76 0.00	63.79 0.06 0.00	56.23 0.67 0.00	51.45 0.66 0.00	48.99 0.77 0.00
BRANSCOMB___SOLAR 323811	43.16 1.42 0.00	40.72 1.34 0.00	37.11 1.25 0.00	34.54 1.14 0.00	32.94 1.08 0.00	36.26 1.19 0.00	40.00 1.13 0.00	41.42 1.74 0.00	38.92 1.42 0.00	38.58 1.16 0.00	40.32 0.60 0.00	43.95 0.39 0.00	46.95 0.60 0.00	51.45 1.01 0.00	53.54 1.31 0.00	55.65 1.88 0.00	65.33 1.47 0.00	75.80 2.28 0.00	78.15 3.01 0.00	72.10 2.78 0.00	66.53 2.80 0.00	57.79 2.22 0.00	52.72 1.93 0.00	49.96 1.73 0.00
BRDGHMPT_69_KV_BK1 55812	60.47 4.55 -14.18	56.34 3.94 -13.03	51.68 3.26 -12.56	49.24 2.91 -12.94	46.91 2.84 -12.22	50.35 2.88 -12.40	50.21 3.46 -7.88	53.98 4.21 -10.10	56.49 4.57 -14.42	60.20 4.98 -17.80	60.42 5.44 -15.25	63.54 6.18 -13.80	81.32 6.40 -28.57	161.44 5.95 -105.04	173.14 6.63 -114.28	275.12 6.61 -214.74	367.15 6.71 -296.58	484.54 7.57 -403.45	356.49 6.99 -274.36	415.92 5.62 -340.98	282.55 3.89 -214.93	173.23 4.00 -113.67	87.31 3.71 -32.82	61.10 3.66 -9.21

BRENTWOD_69_KV_W. BRTWOOD 56703	48.05 3.67 -2.63	44.83 3.03 -2.42	40.66 2.47 -2.33	37.94 2.14 -2.40	36.20 2.07 -2.27	39.37 2.00 -2.30	42.79 2.45 -1.46	44.65 3.09 -1.87	43.62 3.45 -2.68	44.50 3.78 -3.30	50.05 4.05 -6.27	51.81 4.62 -3.64	56.33 4.68 -5.30	73.87 3.93 -19.50	77.93 4.49 -21.21	97.73 4.09 -39.87	123.52 4.60 -55.07	154.29 5.88 -74.89	130.99 4.96 -50.89	136.29 3.67 -63.30	105.41 1.78 -39.90	79.27 2.61 -21.10	59.77 2.89 -6.09	53.02 3.09 -1.71
BRISTLHL_115KV_TB1 79998	40.82 -0.92 0.00	38.63 -0.75 0.00	35.18 -0.68 0.00	32.80 -0.60 0.00	31.29 -0.57 0.00	34.54 -0.53 0.00	38.33 -0.54 0.00	38.97 -0.71 0.00	36.78 -0.71 0.00	36.67 -0.75 0.00	38.93 -0.79 0.00	42.68 -0.87 0.00	45.42 -0.93 0.00	49.69 -0.96 -0.21	51.34 -0.89 0.00	53.02 -0.75 0.00	63.06 -0.83 -0.03	72.86 -0.66 0.00	75.04 -0.53 -0.42	69.05 -0.28 0.00	63.22 -0.51 0.00	55.55 -0.56 -0.54	50.03 -0.76 0.00	47.53 -0.82 -0.13
BROOKHAVEN___DRP 24191	59.42 3.59 -14.09	55.32 2.99 -12.95	50.74 2.40 -12.48	48.36 2.10 -12.86	46.08 2.07 -12.15	49.39 2.00 -12.33	49.12 2.41 -7.83	52.77 3.06 -10.04	55.20 3.37 -14.33	58.78 3.67 -17.69	58.84 3.93 -15.18	61.76 4.49 -13.72	79.24 4.50 -28.40	158.83 3.98 -104.41	170.31 4.49 -113.58	271.61 4.41 -213.43	363.37 4.73 -294.78	480.47 5.95 -401.00	352.96 5.11 -272.71	412.26 4.02 -338.92	279.52 2.17 -213.62	171.09 2.56 -112.98	86.05 2.64 -32.62	60.27 2.89 -9.15
BROOKLYN_NAVY_YARD 23515	44.16 2.42 0.00	41.35 1.97 0.00	37.44 1.58 0.00	34.77 1.37 0.00	33.17 1.31 0.00	36.33 1.26 0.00	40.62 1.75 0.00	41.94 2.26 0.00	40.08 2.59 0.00	40.04 2.62 0.00	42.83 3.10 0.00	47.23 3.66 -0.02	50.33 3.99 0.00	54.42 3.98 0.00	56.04 3.81 0.00	57.00 3.23 0.00	68.01 4.15 0.00	79.03 5.52 0.00	80.02 4.88 0.00	73.35 4.02 0.00	66.09 2.36 0.00	57.11 1.55 0.00	53.18 2.39 0.00	50.78 2.55 0.00
BROOKLYN___ARMY_DRP 323595	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.10 2.42 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.09 4.96 0.00	73.27 3.95 0.00	65.76 2.04 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.17 2.94 -0.01
BROOME_2_LFGE 323671	41.36 -0.38 0.00	39.06 -0.32 0.00	35.54 -0.32 0.00	33.10 -0.30 0.00	31.54 -0.32 0.00	34.83 -0.24 0.00	38.76 -0.12 0.00	39.60 -0.08 0.00	37.31 -0.19 0.00	37.16 -0.26 0.00	39.61 -0.12 0.00	43.42 -0.13 0.00	46.12 -0.23 0.00	50.48 0.00 -0.04	52.28 0.05 0.00	53.99 0.22 0.00	64.10 0.26 0.01	74.55 1.03 0.00	76.50 1.28 -0.09	70.78 1.46 0.00	64.37 0.64 0.00	56.06 0.39 -0.11	50.84 0.05 0.00	48.30 0.05 -0.03
BROOME___LFGE 323600	41.36 -0.38 0.00	39.06 -0.32 0.00	35.54 -0.32 0.00	33.10 -0.30 0.00	31.54 -0.32 0.00	34.83 -0.24 0.00	38.76 -0.12 0.00	39.60 -0.08 0.00	37.31 -0.19 0.00	37.16 -0.26 0.00	39.61 -0.12 0.00	43.42 -0.13 0.00	46.12 -0.23 0.00	50.48 0.00 -0.04	52.28 0.05 0.00	53.99 0.22 0.00	64.10 0.26 0.01	74.55 1.03 0.00	76.50 1.28 -0.09	70.78 1.46 0.00	64.37 0.64 0.00	56.06 0.39 -0.11	50.84 0.05 0.00	48.30 0.05 -0.03
BROWNFLS_115KV_TB 3_5 80003	42.24 0.50 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.83 0.43 0.00	32.24 0.38 0.00	35.67 0.60 0.00	39.50 0.62 0.00	40.20 0.52 0.00	37.68 0.19 0.00	37.53 0.11 0.00	39.69 -0.04 0.00	43.42 -0.13 0.00	46.07 -0.28 0.00	50.08 -0.40 -0.05	51.50 -0.73 0.00	52.70 -1.08 0.00	62.71 -1.15 -0.01	72.34 -1.18 0.00	74.48 -0.75 -0.09	68.98 -0.35 0.00	63.98 0.25 0.00	56.40 0.72 -0.12	51.50 0.71 0.00	49.12 0.87 -0.03
BROWNSV1_27_KV_LOAD 356125	44.58 2.84 0.00	41.74 2.36 0.00	37.76 1.90 0.00	35.07 1.67 0.00	33.48 1.62 0.00	36.61 1.54 0.00	40.97 2.10 0.00	42.38 2.70 0.00	40.38 2.89 0.00	40.38 2.96 0.00	43.22 3.50 0.00	47.71 4.14 -0.02	50.75 4.40 0.00	55.03 4.59 0.00	56.46 4.23 0.00	57.86 4.09 0.00	69.03 5.17 0.00	80.06 6.54 0.00	81.00 5.86 0.00	74.18 4.85 0.00	66.79 3.06 0.00	57.62 2.06 0.00	53.68 2.89 0.00	51.16 2.94 0.00
BURROWS___LYONSDAL 23803	42.70 0.96 0.00	40.21 0.83 0.00	36.65 0.79 0.00	34.20 0.80 0.00	32.66 0.80 0.00	36.12 1.05 0.00	40.00 1.13 0.00	40.71 1.03 0.00	38.17 0.67 0.00	37.98 0.56 0.00	40.16 0.44 0.00	43.90 0.35 0.00	46.72 0.37 0.00	50.89 0.40 -0.05	52.75 0.52 0.00	54.42 0.65 0.00	65.13 1.28 0.00	75.58 2.06 0.00	77.79 2.55 -0.10	72.03 2.70 0.00	66.34 2.61 0.00	57.96 2.28 -0.13	52.67 1.88 0.00	49.99 1.74 -0.03
CAITHNESS_CC_1 323624	59.29 3.55 -14.01	55.16 2.91 -12.87	50.63 2.37 -12.41	48.25 2.07 -12.78	45.94 2.01 -12.07	49.25 1.93 -12.25	49.03 2.37 -7.79	52.63 2.98 -9.97	55.07 3.34 -14.24	58.64 3.63 -17.59	58.69 3.85 -15.12	61.60 4.40 -13.65	79.22 4.63 -28.23	158.45 4.24 -103.77	169.57 4.44 -112.90	269.99 4.08 -212.13	360.81 3.96 -292.99	477.88 5.81 -398.56	351.17 4.96 -271.07	410.05 3.88 -336.85	278.15 2.10 -212.32	170.29 2.44 -112.29	85.80 2.59 -32.42	60.60 3.28 -9.10
CALPINE BETH_PAGE_GT4 24209	44.79 3.05 0.00	41.82 2.44 0.00	37.80 1.94 0.00	35.07 1.67 0.00	33.45 1.59 0.00	36.58 1.51 0.00	40.78 1.90 0.00	42.18 2.50 0.00	40.38 2.89 0.00	40.60 3.18 0.00	47.37 3.42 -4.23	48.88 4.01 -1.32	50.57 4.22 0.00	54.07 3.63 0.00	56.25 4.02 0.00	57.72 3.93 -0.02	68.54 4.66 -0.02	79.40 5.88 0.00	79.63 5.11 0.62	73.07 3.74 0.00	65.64 1.91 0.00	57.62 2.06 0.00	53.02 2.23 0.00	50.78 2.56 0.00
CALPINE_BETH_PAGE_GT_4 323586	44.79 3.05 0.00	41.82 2.44 0.00	37.79 1.94 0.00	35.07 1.67 0.00	33.45 1.59 0.00	36.58 1.51 0.00	40.78 1.90 0.00	42.14 2.46 0.00	40.38 2.89 0.00	40.61 3.18 -0.01	47.37 3.42 -4.23	48.88 4.00 -1.32	50.67 4.31 -0.01	54.32 3.88 0.00	56.31 4.08 -0.01	57.50 3.71 -0.02	67.97 4.09 -0.02	79.33 5.81 0.00	79.56 5.03 0.62	73.06 3.74 0.00	65.71 1.98 0.00	57.62 2.06 0.00	53.02 2.23 0.00	51.16 2.94 0.00
CALPINE_BP_GT1 23823	44.79 3.05 0.00	41.82 2.44 0.00	37.79 1.94 0.00	35.07 1.67 0.00	33.45 1.59 0.00	36.58 1.51 0.00	40.78 1.90 0.00	42.14 2.46 0.00	40.38 2.89 0.00	40.61 3.18 -0.01	47.37 3.42 -4.23	48.88 4.00 -1.32	50.67 4.31 -0.01	54.32 3.88 0.00	56.31 4.08 -0.01	57.50 3.71 -0.02	67.97 4.09 -0.02	79.33 5.81 0.00	79.56 5.03 0.62	73.06 3.74 0.00	65.71 1.98 0.00	57.62 2.06 0.00	53.02 2.23 0.00	51.16 2.94 0.00
CALSPAN___DRP 24200	40.24 -1.50 0.00	38.08 -1.30 0.00	34.60 -1.26 0.00	32.30 -1.10 0.00	30.68 -1.18 0.00	34.02 -1.05 0.00	38.13 -0.74 0.00	39.24 -0.44 0.00	36.74 -0.75 0.00	36.52 -0.90 0.00	39.17 -0.56 0.00	42.77 -0.78 0.00	45.37 -0.97 0.00	49.98 -0.45 0.00	51.76 -0.47 0.00	52.91 -0.86 0.00	62.80 -1.02 0.03	73.30 -0.22 0.00	75.67 0.53 0.00	71.33 2.01 0.00	64.75 1.02 0.00	56.34 0.78 0.00	50.48 -0.30 0.00	47.69 -0.53 0.00

CALVERTON___SOLAR 323806	59.54 3.67 -14.13	55.43 3.07 -12.98	50.88 2.51 -12.52	48.50 2.20 -12.89	46.17 2.13 -12.18	49.53 2.10 -12.36	49.25 2.53 -7.85	52.87 3.13 -10.06	55.35 3.49 -14.37	58.94 3.78 -17.74	58.99 4.05 -15.21	61.92 4.61 -13.76	79.69 4.87 -28.48	159.60 4.49 -104.68	170.87 4.75 -113.88	272.16 4.41 -213.98	363.68 4.28 -295.54	481.64 6.10 -402.03	353.80 5.26 -273.41	413.34 4.23 -339.78	280.39 2.48 -214.17	171.55 2.72 -113.27	86.28 2.79 -32.70	60.82 3.42 -9.18
CANDIGU_WT_PWR 323617	40.82 -0.92 0.00	38.59 -0.79 0.00	35.04 -0.82 0.00	32.63 -0.77 0.00	31.00 -0.86 0.00	34.33 -0.74 0.00	38.33 -0.54 0.00	39.20 -0.47 0.00	36.74 -0.75 0.00	36.45 -0.97 0.00	38.93 -0.79 0.00	42.55 -1.00 0.00	45.00 -1.35 0.00	49.40 -1.06 -0.02	51.13 -1.10 0.00	52.75 -1.02 0.00	62.43 -1.41 0.02	73.22 -0.29 0.00	75.71 0.53 -0.04	70.92 1.60 0.00	64.18 0.45 0.00	55.89 0.28 -0.05	50.54 -0.25 0.00	47.90 -0.34 -0.01
CARR STREET_E_SYR 24060	41.03 -0.71 0.00	38.83 -0.55 0.00	35.32 -0.54 0.00	32.93 -0.47 0.00	31.41 -0.45 0.00	34.65 -0.42 0.00	38.48 -0.39 0.00	39.20 -0.47 0.00	37.01 -0.49 0.00	36.93 -0.49 0.00	39.25 -0.47 0.00	43.03 -0.52 0.00	45.74 -0.60 0.00	49.94 -0.55 -0.06	51.71 -0.52 0.00	53.40 -0.37 0.00	63.46 -0.38 0.02	73.44 -0.07 0.00	75.18 -0.08 -0.12	69.39 0.07 0.00	63.41 -0.32 0.00	55.32 -0.39 -0.15	50.23 -0.56 0.00	47.68 -0.58 -0.04
CARTHAGE___PAPER 23857	43.29 1.55 0.00	40.68 1.30 0.00	37.11 1.25 0.00	34.74 1.34 0.00	33.20 1.34 0.00	36.79 1.72 0.00	40.70 1.83 0.00	41.35 1.67 0.00	38.54 1.05 0.00	38.24 0.82 0.00	40.32 0.60 0.00	43.99 0.44 0.00	46.76 0.42 0.00	51.02 0.45 -0.12	52.75 0.52 0.00	54.42 0.65 0.00	65.22 1.34 -0.02	76.02 2.50 0.00	78.78 3.38 -0.25	73.27 3.95 0.00	67.75 4.02 0.00	59.55 3.67 -0.32	53.89 3.10 0.00	51.09 2.80 -0.08
CASSADAGA_WT_PWR 323784	40.78 -0.96 0.00	38.28 -1.10 0.00	34.82 -1.04 0.00	32.40 -1.00 0.00	30.65 -1.21 0.00	34.02 -1.05 0.00	38.29 -0.58 0.00	39.48 -0.20 0.00	37.16 -0.34 0.00	36.93 -0.49 0.00	39.53 -0.20 0.00	43.08 -0.48 0.00	45.42 -0.93 0.00	50.14 -0.30 0.00	51.55 -0.68 0.00	53.18 -0.59 0.00	62.74 -1.09 0.03	74.10 0.59 0.00	77.09 1.95 0.00	72.58 3.26 0.00	65.32 1.59 0.00	56.84 1.28 0.00	51.15 0.36 0.00	48.32 0.10 0.00
CE_DUNWOOD___DRP 24194	43.83 2.09 0.00	41.11 1.73 0.00	37.29 1.43 0.00	34.67 1.27 0.00	33.07 1.21 0.00	36.23 1.16 0.00	40.39 1.52 0.00	41.66 1.98 0.00	39.71 2.21 0.00	39.70 2.28 0.00	42.39 2.66 0.00	46.73 3.18 0.00	49.73 3.38 0.00	53.92 3.48 0.00	55.52 3.29 0.00	57.00 3.23 0.00	68.07 4.21 0.00	78.81 5.29 0.00	79.87 4.73 0.00	73.20 3.88 0.00	66.02 2.29 0.00	57.06 1.50 0.00	52.82 2.03 0.00	50.34 2.12 0.00
CE_MILLWOOD___DRP 24193	43.74 2.00 0.00	41.03 1.65 0.00	37.22 1.36 0.00	34.60 1.20 0.00	33.01 1.15 0.00	36.16 1.09 0.00	40.27 1.40 0.00	41.54 1.86 0.00	39.56 2.06 0.00	39.55 2.13 0.00	42.23 2.50 0.00	46.56 3.01 0.00	49.55 3.20 0.00	53.72 3.28 0.00	55.36 3.13 0.00	56.89 3.12 0.00	67.88 4.02 0.00	78.66 5.15 0.00	79.72 4.58 0.00	73.07 3.74 0.00	65.96 2.23 0.00	56.95 1.39 0.00	52.72 1.93 0.00	50.20 1.98 0.00
CE_NYC2_DRP 24202	44.29 2.55 0.00	41.47 2.09 0.00	37.54 1.69 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.04 2.62 0.00	42.90 3.18 0.00	47.36 3.79 -0.02	50.38 4.03 0.00	54.47 4.04 0.00	55.83 3.60 0.00	57.16 3.39 0.00	68.01 4.15 0.00	78.74 5.22 0.00	79.72 4.58 0.00	72.92 3.60 0.00	65.57 1.85 0.01	56.78 1.22 0.00	53.28 2.49 0.00	50.83 2.60 0.00
CE_NYC_DRP 24195	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.84 1.44 0.00	33.23 1.37 0.00	36.37 1.30 0.00	40.66 1.79 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	42.90 3.18 0.00	47.36 3.79 -0.02	50.38 4.03 0.00	54.57 4.14 0.00	55.99 3.76 0.00	57.38 3.60 0.00	68.46 4.60 0.00	79.33 5.81 0.00	80.24 5.11 0.00	73.48 4.16 0.00	66.15 2.42 0.00	57.12 1.56 0.00	53.23 2.44 0.00	50.78 2.56 0.00
CHAFFEE___LFGE 323603	40.32 -1.42 0.00	38.16 -1.22 0.00	34.68 -1.18 0.00	32.36 -1.04 0.00	30.74 -1.12 0.00	34.05 -1.02 0.00	38.21 -0.66 0.00	39.36 -0.32 0.00	36.86 -0.64 0.00	36.63 -0.79 0.00	39.29 -0.44 0.00	42.94 -0.61 0.00	45.19 -1.16 0.00	49.84 -0.60 0.00	51.29 -0.94 0.00	52.75 -1.02 0.00	62.16 -1.66 0.03	73.08 -0.44 0.00	75.52 0.38 0.00	71.12 1.80 0.00	63.92 0.19 0.00	55.73 0.17 0.00	50.23 -0.56 0.00	47.45 -0.77 0.00
CHATEAUG_35_KV_LOAD 355732	41.95 0.21 0.00	39.54 0.16 0.00	36.00 0.14 0.00	33.57 0.17 0.00	31.95 0.10 0.00	35.21 0.14 0.00	38.91 0.04 0.00	39.64 -0.04 0.00	37.42 -0.07 0.00	37.38 -0.04 0.00	39.73 0.00 0.00	43.55 0.00 0.00	46.21 -0.14 0.00	50.19 -0.25 0.00	51.76 -0.47 0.00	52.97 -0.81 0.00	62.84 -1.02 0.00	72.12 -1.40 0.00	73.94 -1.20 0.00	68.35 -0.97 0.00	63.35 -0.38 0.00	55.67 0.11 0.00	50.94 0.15 0.00	48.46 0.24 0.00
CHATEAUG_WT_PWR 323614	41.91 0.17 0.00	39.46 0.08 0.00	35.97 0.11 0.00	33.53 0.13 0.00	31.92 0.06 0.00	35.17 0.11 0.00	38.91 0.04 0.00	39.68 0.00 0.00	37.46 -0.04 0.00	37.50 0.07 0.00	39.80 0.08 0.00	43.69 0.13 0.00	46.35 0.00 0.00	50.34 -0.10 0.00	52.18 -0.05 0.00	53.56 -0.21 0.00	63.41 -0.44 0.00	72.56 -0.96 0.00	74.39 -0.75 0.00	68.70 -0.63 0.00	63.67 -0.06 0.00	55.90 0.34 0.00	51.04 0.26 0.00	48.42 0.19 0.00
CHAT_HIGH_FALL_HYD 323578	41.95 0.21 0.00	39.54 0.16 0.00	36.00 0.14 0.00	33.57 0.17 0.00	31.95 0.10 0.00	35.21 0.14 0.00	38.91 0.04 0.00	39.64 -0.04 0.00	37.42 -0.07 0.00	37.38 -0.04 0.00	39.73 0.00 0.00	43.55 0.00 0.00	46.21 -0.14 0.00	50.19 -0.25 0.00	51.76 -0.47 0.00	52.97 -0.81 0.00	62.84 -1.02 0.00	72.12 -1.40 0.00	73.94 -1.20 0.00	68.35 -0.97 0.00	63.35 -0.38 0.00	55.67 0.11 0.00	50.94 0.15 0.00	48.46 0.24 0.00
CHAUTAUQUA___LFGE 323629	40.53 -1.21 0.00	38.24 -1.14 0.00	34.78 -1.07 0.00	32.43 -0.97 0.00	30.74 -1.12 0.00	34.05 -1.02 0.00	38.21 -0.66 0.00	39.36 -0.32 0.00	36.89 -0.60 0.00	36.71 -0.71 0.00	39.33 -0.40 0.00	42.94 -0.61 0.00	45.24 -1.11 0.00	49.93 -0.50 0.00	51.39 -0.84 0.00	52.97 -0.81 0.00	62.55 -1.28 0.03	73.66 0.15 0.00	76.27 1.13 0.00	71.81 2.49 0.00	64.56 0.83 0.00	56.23 0.67 0.00	50.64 -0.15 0.00	47.89 -0.34 0.00
CHERRYST_13_KV_LD 356241	44.37 2.63 0.00	41.59 2.21 0.00	37.62 1.76 0.00	34.97 1.57 0.00	33.32 1.47 0.00	36.47 1.40 0.00	40.82 1.94 0.00	42.22 2.54 0.00	40.27 2.77 0.00	40.26 2.84 0.00	43.06 3.34 0.00	47.53 3.96 -0.02	50.57 4.22 0.00	54.83 4.39 0.00	56.25 4.02 0.00	57.64 3.87 0.00	68.77 4.92 0.00	79.69 6.18 0.00	80.62 5.49 0.00	73.75 4.44 0.00	66.41 2.68 0.00	57.34 1.78 0.00	53.38 2.59 0.00	50.92 2.70 0.00

CHESTROR_138KV_BK263 355645	43.24 1.50 0.00	40.60 1.22 0.00	36.90 1.04 0.00	34.27 0.87 0.00	32.69 0.83 0.00	35.84 0.77 0.00	39.85 0.97 0.00	40.99 1.31 0.00	38.99 1.50 0.00	38.96 1.53 0.00	41.55 1.83 0.00	45.73 2.18 0.00	48.71 2.36 0.00	52.91 2.47 0.00	54.63 2.40 0.00	56.19 2.42 0.00	67.11 3.26 0.00	77.78 4.26 0.00	78.97 3.83 0.00	72.44 3.12 0.00	65.58 1.85 0.00	56.62 1.06 0.00	52.21 1.42 0.00	49.72 1.49 0.00
CH_MIDHUDSON___DRP 24192	43.58 1.84 0.00	40.96 1.58 0.00	37.19 1.33 0.00	34.54 1.14 0.00	32.94 1.08 0.00	36.09 1.02 0.00	40.12 1.24 0.00	41.31 1.63 0.00	39.29 1.80 0.00	39.25 1.83 0.00	41.79 2.07 0.00	46.04 2.48 0.00	49.04 2.69 0.00	53.26 2.82 0.00	55.00 2.77 0.00	56.68 2.90 0.00	67.63 3.77 0.00	78.30 4.78 0.00	79.50 4.36 0.00	72.93 3.60 0.00	66.02 2.29 0.00	57.12 1.56 0.00	52.62 1.83 0.00	50.10 1.88 0.00
CH_MISC_IPPS 23765	43.83 2.09 0.00	41.15 1.77 0.00	37.36 1.51 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.22 1.16 0.00	40.31 1.44 0.00	41.38 1.71 0.00	39.37 1.87 0.00	39.29 1.87 0.00	41.87 2.14 0.00	46.17 2.61 0.00	49.32 2.97 0.00	53.46 3.03 0.00	55.36 3.13 0.00	56.78 3.01 0.00	67.82 3.96 0.00	78.74 5.22 0.00	79.88 4.74 0.00	73.34 4.02 0.00	66.53 2.80 0.00	57.56 2.00 0.00	52.97 2.18 0.00	50.49 2.27 0.00
CH_RES_BVR_FALLS 23983	41.70 -0.04 0.00	39.30 -0.08 0.00	35.79 -0.07 0.00	33.33 -0.07 0.00	31.76 -0.10 0.00	35.00 -0.07 0.00	38.76 -0.12 0.00	39.56 -0.12 0.00	37.38 -0.11 0.00	37.35 -0.07 0.00	39.65 -0.08 0.00	43.42 -0.13 0.00	46.21 -0.14 0.00	50.24 -0.20 0.00	52.02 -0.21 0.00	53.56 -0.21 0.00	63.54 -0.32 0.00	73.08 -0.44 0.00	74.77 -0.37 0.00	68.98 -0.34 0.00	63.54 -0.19 0.00	55.45 -0.11 0.00	50.69 -0.10 0.00	48.13 -0.10 0.00
CH_RES_NIAGARA 23895	39.82 -1.92 0.00	37.84 -1.54 0.00	34.39 -1.47 0.00	32.10 -1.30 0.00	30.52 -1.34 0.00	33.81 -1.26 0.00	37.90 -0.97 0.00	38.69 -0.99 0.00	35.73 -1.76 0.00	35.55 -1.87 0.00	38.14 -1.59 0.00	41.55 -2.00 0.00	44.08 -2.27 0.00	48.52 -1.92 0.00	50.14 -2.09 0.00	51.19 -2.58 0.00	60.69 -3.13 0.04	70.50 -3.01 0.00	72.66 -2.48 0.00	68.63 -0.69 0.00	62.26 -1.47 0.00	54.39 -1.17 0.00	49.06 -1.73 0.00	46.87 -1.35 0.00
CH_RES_SYRACUSE 23985	41.28 -0.46 0.00	39.06 -0.32 0.00	35.54 -0.32 0.00	33.13 -0.27 0.00	31.60 -0.26 0.00	34.89 -0.17 0.00	38.72 -0.15 0.00	39.40 -0.28 0.00	37.19 -0.30 0.00	37.08 -0.34 0.00	39.41 -0.32 0.00	43.20 -0.35 0.00	45.93 -0.42 0.00	50.20 -0.35 -0.11	51.92 -0.31 0.00	53.61 -0.16 0.00	63.73 -0.13 0.00	73.81 0.30 0.00	75.74 0.38 -0.23	69.81 0.49 0.00	63.79 0.06 0.00	55.80 -0.06 -0.29	50.54 -0.25 0.00	48.00 -0.29 -0.07
CLINTON_WT_PWR 323605	41.91 0.17 0.00	39.46 0.08 0.00	35.97 0.11 0.00	33.53 0.13 0.00	31.92 0.06 0.00	35.17 0.11 0.00	38.91 0.04 0.00	39.68 0.00 0.00	37.46 -0.04 0.00	37.50 0.07 0.00	39.80 0.08 0.00	43.69 0.13 0.00	46.35 0.00 0.00	50.34 -0.10 0.00	52.18 -0.05 0.00	53.56 -0.21 0.00	63.41 -0.44 0.00	72.56 -0.96 0.00	74.39 -0.75 0.00	68.70 -0.63 0.00	63.67 -0.06 0.00	55.90 0.34 0.00	51.04 0.26 0.00	48.42 0.19 0.00
CLINTON___LFGE 323618	42.45 0.71 0.00	39.97 0.59 0.00	36.40 0.54 0.00	33.97 0.57 0.00	32.31 0.45 0.00	35.67 0.60 0.00	39.46 0.58 0.00	40.19 0.51 0.00	37.87 0.37 0.00	37.94 0.52 0.00	40.28 0.56 0.00	44.16 0.61 0.00	46.86 0.51 0.00	50.89 0.45 0.00	52.75 0.52 0.00	54.20 0.43 0.00	64.24 0.39 0.00	73.52 0.00 0.00	75.52 0.38 0.00	69.81 0.49 0.00	64.69 0.96 0.00	56.89 1.33 0.00	51.80 1.02 0.00	49.09 0.87 0.00
COBBLENY_34_KV_TB1 80064	40.32 -1.42 0.00	38.16 -1.22 0.00	34.68 -1.18 0.00	32.36 -1.04 0.00	30.74 -1.12 0.00	34.09 -0.98 0.00	38.21 -0.66 0.00	39.36 -0.32 0.00	36.86 -0.64 0.00	36.64 -0.79 0.00	39.29 -0.44 0.00	42.94 -0.61 0.00	45.56 -0.79 0.00	50.19 -0.25 0.00	51.97 -0.26 0.00	53.18 -0.59 0.00	63.12 -0.70 0.03	73.74 0.22 0.00	76.12 0.98 0.00	71.75 2.43 0.00	65.07 1.34 0.00	56.56 1.00 0.00	50.64 -0.15 0.00	47.79 -0.43 0.00
COFFEEN___115KV_TB3 355620	43.79 2.05 0.00	41.15 1.77 0.00	37.58 1.72 0.00	35.20 1.80 0.00	33.68 1.82 0.00	37.35 2.28 0.00	41.32 2.45 0.00	41.90 2.22 0.00	38.96 1.46 0.00	38.66 1.23 0.00	40.72 0.99 0.00	44.38 0.83 0.00	47.23 0.88 0.00	51.65 1.06 -0.15	53.43 1.20 0.00	55.22 1.45 0.00	66.25 2.36 -0.03	77.41 3.90 0.00	80.40 4.96 -0.31	74.94 5.62 0.00	69.34 5.61 0.00	61.01 5.06 -0.39	54.90 4.11 0.00	52.03 3.71 -0.09
COLDSPRG_115KV_BK1 355956	40.95 -0.79 0.00	38.59 -0.79 0.00	35.07 -0.79 0.00	32.70 -0.70 0.00	31.00 -0.86 0.00	34.44 -0.63 0.00	38.68 -0.19 0.00	39.88 0.20 0.00	37.53 0.04 0.00	37.27 -0.15 0.00	39.96 0.24 0.00	43.60 0.04 0.00	46.26 -0.09 0.00	51.04 0.61 0.00	52.86 0.63 0.00	54.26 0.48 0.00	64.40 0.57 0.03	75.58 2.06 0.00	78.30 3.16 0.00	73.69 4.37 0.00	66.79 3.06 0.00	57.84 2.28 0.00	51.55 0.76 0.00	48.66 0.43 0.00
COLONIE_LFGE___ 323577	42.82 1.08 0.00	40.40 1.02 0.00	36.83 0.97 0.00	34.27 0.87 0.00	32.72 0.86 0.00	35.98 0.91 0.00	39.65 0.78 0.00	41.38 1.71 0.00	39.00 1.50 0.00	38.77 1.35 0.00	40.56 0.84 0.00	44.16 0.61 0.00	47.14 0.79 0.00	51.65 1.21 0.00	53.74 1.52 0.00	55.93 2.15 0.00	65.26 1.40 0.00	75.57 2.06 0.00	77.39 2.25 0.00	71.19 1.87 0.00	65.51 1.78 0.00	57.00 1.44 0.00	52.00 1.22 0.00	49.28 1.06 0.00
COOPERNY_115KV_TB1 80082	42.87 1.13 0.00	40.29 0.91 0.00	36.65 0.79 0.00	34.07 0.67 0.00	32.50 0.64 0.00	35.67 0.60 0.00	39.61 0.74 0.00	40.71 1.03 0.00	38.66 1.16 0.00	38.62 1.20 0.00	41.12 1.39 0.00	45.25 1.70 0.00	48.16 1.81 0.00	52.36 1.92 0.00	54.11 1.88 0.00	55.65 1.88 0.00	66.41 2.55 0.00	76.83 3.31 0.00	78.14 3.01 0.00	71.75 2.43 0.00	65.13 1.40 0.00	56.39 0.83 0.00	51.91 1.12 0.00	49.38 1.16 0.00
COPENHAGEN_WT_PWR 323753	43.41 1.67 0.00	40.84 1.46 0.00	37.29 1.44 0.00	34.90 1.50 0.00	33.39 1.53 0.00	37.00 1.93 0.00	40.93 2.06 0.00	41.54 1.87 0.00	38.69 1.20 0.00	38.39 0.97 0.00	40.48 0.75 0.00	44.16 0.61 0.00	46.95 0.60 0.00	51.35 0.76 -0.16	53.12 0.89 0.00	54.90 1.13 0.00	65.74 1.85 -0.03	76.75 3.23 0.00	79.59 4.13 -0.32	74.04 4.72 0.00	68.38 4.65 0.00	60.19 4.22 -0.41	54.24 3.46 0.00	51.41 3.09 -0.10
CORNELL_____ 23752	41.99 0.25 0.00	39.70 0.32 0.00	36.11 0.25 0.00	33.63 0.23 0.00	32.08 0.22 0.00	35.46 0.39 0.00	39.38 0.51 0.00	40.12 0.44 0.00	37.72 0.22 0.00	37.50 0.07 0.00	39.80 0.08 0.00	43.64 0.09 0.00	46.44 0.09 0.00	50.80 0.30 -0.06	52.70 0.47 0.00	54.42 0.65 0.00	64.81 0.96 0.01	75.28 1.76 0.00	77.52 2.25 -0.12	71.82 2.50 0.00	65.64 1.91 0.00	57.22 1.50 -0.15	51.70 0.91 0.00	49.08 0.82 -0.04

CORONA_69_KV_TB1 355595	44.79 3.05 0.00	41.90 2.52 0.00	37.90 2.04 0.00	35.14 1.74 0.00	33.52 1.66 0.00	36.65 1.58 0.00	40.89 2.02 0.00	42.26 2.58 0.00	40.38 2.89 0.00	40.53 3.11 0.00	47.41 3.46 -4.23	48.93 4.05 -1.32	50.70 4.36 0.00	54.62 4.19 0.00	56.62 4.39 0.00	58.09 4.30 -0.02	69.24 5.36 -0.02	80.32 6.76 -0.04	81.30 6.16 0.00	74.11 4.78 0.00	66.66 2.93 0.00	58.23 2.67 0.00	53.63 2.84 0.00	51.12 2.89 0.00
CORTLAND_115KV_TB3 80093	41.70 -0.04 0.00	39.42 0.04 0.00	35.86 0.00 0.00	33.43 0.03 0.00	31.89 0.03 0.00	35.21 0.14 0.00	39.11 0.23 0.00	39.84 0.16 0.00	37.53 0.04 0.00	37.38 -0.04 0.00	39.73 0.00 0.00	43.55 0.00 0.00	46.35 0.00 0.00	50.65 0.15 -0.06	52.49 0.26 0.00	54.20 0.43 0.00	64.55 0.70 0.01	74.84 1.32 0.00	76.84 1.58 -0.13	71.06 1.73 0.00	64.94 1.21 0.00	56.61 0.89 -0.16	51.25 0.46 0.00	48.65 0.39 -0.04
COXSACKIE___GT 23611	43.45 1.71 0.00	40.96 1.58 0.00	37.36 1.51 0.00	34.64 1.24 0.00	33.07 1.21 0.00	36.26 1.19 0.00	39.96 1.09 0.00	40.59 0.91 0.00	38.13 0.64 0.00	37.76 0.34 0.00	39.92 0.20 0.00	43.73 0.17 0.00	46.81 0.46 0.00	51.20 0.76 0.00	53.27 1.04 0.00	55.12 1.34 0.00	66.28 2.43 0.00	77.48 3.97 0.00	79.57 4.43 0.00	73.48 4.16 0.00	67.49 3.76 0.00	58.39 2.83 0.00	53.02 2.23 0.00	50.29 2.07 0.00
CPV_VALLEY___CC1 323721	42.91 1.17 0.00	40.32 0.94 0.00	36.65 0.79 0.00	34.07 0.67 0.00	32.50 0.64 0.00	35.63 0.56 0.00	39.61 0.74 0.00	40.71 1.03 0.00	38.73 1.24 0.00	38.73 1.31 0.00	41.23 1.51 0.00	45.43 1.87 0.00	48.44 2.09 0.00	52.51 2.07 0.00	54.26 2.03 0.00	55.60 1.83 0.00	66.28 2.43 0.00	76.97 3.46 0.00	78.15 3.01 0.00	71.75 2.43 0.00	65.07 1.34 0.00	56.28 0.72 0.00	51.86 1.07 0.00	49.43 1.21 0.00
CPV_VALLEY___CC2 323722	42.91 1.17 0.00	40.32 0.94 0.00	36.65 0.79 0.00	34.07 0.67 0.00	32.50 0.64 0.00	35.63 0.56 0.00	39.61 0.74 0.00	40.71 1.03 0.00	38.73 1.24 0.00	38.73 1.31 0.00	41.23 1.51 0.00	45.43 1.87 0.00	48.44 2.09 0.00	52.51 2.07 0.00	54.26 2.03 0.00	55.60 1.83 0.00	66.28 2.43 0.00	76.97 3.46 0.00	78.15 3.01 0.00	71.75 2.43 0.00	65.07 1.34 0.00	56.28 0.72 0.00	51.86 1.07 0.00	49.43 1.21 0.00
CRESCENT___HYD 24018	42.82 1.08 0.00	40.40 1.02 0.00	36.83 0.97 0.00	34.27 0.87 0.00	32.72 0.86 0.00	35.98 0.91 0.00	39.65 0.78 0.00	41.38 1.71 0.00	39.00 1.50 0.00	38.77 1.35 0.00	40.56 0.84 0.00	44.16 0.61 0.00	47.14 0.79 0.00	51.65 1.21 0.00	53.74 1.52 0.00	55.93 2.15 0.00	65.26 1.40 0.00	75.57 2.06 0.00	77.39 2.25 0.00	71.19 1.87 0.00	65.51 1.78 0.00	57.00 1.44 0.00	52.00 1.22 0.00	49.28 1.06 0.00
CRICKET___VALLEY_CC1 323756	43.24 1.50 0.00	40.60 1.22 0.00	36.86 1.00 0.00	34.27 0.87 0.00	32.69 0.83 0.00	35.81 0.74 0.00	39.80 0.93 0.00	40.95 1.27 0.00	39.03 1.54 0.00	38.99 1.57 0.00	41.55 1.83 0.00	45.73 2.18 0.00	48.76 2.41 0.00	52.81 2.37 0.00	54.58 2.35 0.00	55.87 2.10 0.00	66.60 2.74 0.00	77.34 3.82 0.00	78.44 3.30 0.00	71.96 2.63 0.00	65.20 1.47 0.00	56.51 0.94 0.00	52.06 1.27 0.00	49.67 1.45 0.00
CRICKET___VALLEY_CC2 323757	43.24 1.50 0.00	40.60 1.22 0.00	36.86 1.00 0.00	34.27 0.87 0.00	32.69 0.83 0.00	35.81 0.74 0.00	39.80 0.93 0.00	40.95 1.27 0.00	39.03 1.54 0.00	38.99 1.57 0.00	41.55 1.83 0.00	45.73 2.18 0.00	48.76 2.41 0.00	52.81 2.37 0.00	54.58 2.35 0.00	55.87 2.10 0.00	66.60 2.74 0.00	77.34 3.82 0.00	78.44 3.30 0.00	71.96 2.63 0.00	65.20 1.47 0.00	56.51 0.94 0.00	52.06 1.27 0.00	49.67 1.45 0.00
CRICKET___VALLEY_CC3 323758	43.24 1.50 0.00	40.60 1.22 0.00	36.86 1.00 0.00	34.27 0.87 0.00	32.69 0.83 0.00	35.81 0.74 0.00	39.80 0.93 0.00	40.95 1.27 0.00	39.03 1.54 0.00	38.99 1.57 0.00	41.55 1.83 0.00	45.73 2.18 0.00	48.76 2.41 0.00	52.81 2.37 0.00	54.58 2.35 0.00	55.87 2.10 0.00	66.60 2.74 0.00	77.34 3.82 0.00	78.44 3.30 0.00	71.96 2.63 0.00	65.20 1.47 0.00	56.51 0.94 0.00	52.06 1.27 0.00	49.67 1.45 0.00
CRUCIBLE_METL_DRP 24180	41.28 -0.46 0.00	39.07 -0.32 0.00	35.54 -0.32 0.00	33.13 -0.27 0.00	31.60 -0.25 0.00	34.89 -0.18 0.00	38.72 -0.16 0.00	39.40 -0.28 0.00	37.19 -0.30 0.00	37.08 -0.34 0.00	39.41 -0.32 0.00	43.21 -0.35 0.00	45.98 -0.37 0.00	50.25 -0.30 -0.11	52.02 -0.21 0.00	53.72 -0.05 0.00	63.86 0.00 0.00	73.81 0.29 0.00	75.82 0.45 -0.23	69.95 0.62 0.00	63.98 0.25 0.00	55.96 0.11 -0.29	50.58 -0.20 0.00	48.05 -0.24 -0.07
DAHOWA___HYDRO 323763	43.24 1.50 0.00	40.80 1.42 0.00	37.19 1.33 0.00	34.60 1.20 0.00	33.04 1.18 0.00	36.37 1.30 0.00	40.12 1.24 0.00	41.47 1.79 0.00	38.96 1.46 0.00	38.62 1.20 0.00	40.32 0.60 0.00	43.99 0.44 0.00	47.00 0.65 0.00	51.50 1.06 0.00	53.54 1.31 0.00	55.65 1.88 0.00	65.45 1.60 0.00	76.02 2.50 0.00	78.44 3.30 0.00	72.44 3.12 0.00	66.92 3.19 0.00	58.06 2.50 0.00	52.92 2.13 0.00	50.15 1.93 0.00
DANC___LFGE 323619	42.78 1.04 0.00	40.29 0.91 0.00	36.76 0.90 0.00	34.37 0.97 0.00	32.85 0.99 0.00	36.40 1.33 0.00	40.31 1.44 0.00	40.91 1.23 0.00	38.21 0.71 0.00	37.98 0.56 0.00	40.08 0.36 0.00	43.77 0.22 0.00	46.53 0.19 0.00	50.99 0.36 -0.20	52.64 0.42 0.00	54.42 0.65 0.00	64.98 1.08 -0.04	75.72 2.20 0.00	78.39 2.85 -0.40	72.65 3.33 0.00	66.98 3.25 0.00	59.12 3.05 -0.51	53.23 2.44 0.00	50.46 2.12 -0.12
DANSKAMMER___1 23586	43.83 2.09 0.00	41.15 1.77 0.00	37.36 1.51 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.22 1.16 0.00	40.31 1.44 0.00	41.38 1.71 0.00	39.37 1.87 0.00	39.29 1.87 0.00	41.87 2.14 0.00	46.17 2.61 0.00	49.32 2.97 0.00	53.46 3.03 0.00	55.36 3.13 0.00	56.78 3.01 0.00	67.82 3.96 0.00	78.74 5.22 0.00	79.88 4.74 0.00	73.34 4.02 0.00	66.53 2.80 0.00	57.56 2.00 0.00	52.97 2.18 0.00	50.49 2.27 0.00
DANSKAMMER___2 23589	43.83 2.09 0.00	41.15 1.77 0.00	37.36 1.51 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.22 1.16 0.00	40.31 1.44 0.00	41.38 1.71 0.00	39.37 1.87 0.00	39.29 1.87 0.00	41.87 2.14 0.00	46.17 2.61 0.00	49.32 2.97 0.00	53.46 3.03 0.00	55.36 3.13 0.00	56.78 3.01 0.00	67.82 3.96 0.00	78.74 5.22 0.00	79.88 4.74 0.00	73.34 4.02 0.00	66.53 2.80 0.00	57.56 2.00 0.00	52.97 2.18 0.00	50.49 2.27 0.00
DANSKAMMER___3 23590	43.83 2.09 0.00	41.15 1.77 0.00	37.36 1.51 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.22 1.16 0.00	40.31 1.44 0.00	41.38 1.71 0.00	39.37 1.87 0.00	39.29 1.87 0.00	41.87 2.14 0.00	46.17 2.61 0.00	49.32 2.97 0.00	53.46 3.03 0.00	55.36 3.13 0.00	56.78 3.01 0.00	67.82 3.96 0.00	78.74 5.22 0.00	79.88 4.74 0.00	73.34 4.02 0.00	66.53 2.80 0.00	57.56 2.00 0.00	52.97 2.18 0.00	50.49 2.27 0.00

DANSKAMMER___4 23591	43.83 2.09 0.00	41.15 1.77 0.00	37.36 1.51 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.22 1.16 0.00	40.31 1.44 0.00	41.38 1.71 0.00	39.37 1.87 0.00	39.29 1.87 0.00	41.87 2.14 0.00	46.17 2.61 0.00	49.32 2.97 0.00	53.46 3.03 0.00	55.36 3.13 0.00	56.78 3.01 0.00	67.82 3.96 0.00	78.74 5.22 0.00	79.88 4.74 0.00	73.34 4.02 0.00	66.53 2.80 0.00	57.56 2.00 0.00	52.97 2.18 0.00	50.49 2.27 0.00
DANSKAMMER___DIESEL 23592	43.83 2.09 0.00	41.15 1.77 0.00	37.37 1.51 0.00	34.70 1.30 0.00	33.07 1.21 0.00	36.23 1.16 0.00	40.31 1.44 0.00	41.39 1.71 0.00	39.37 1.87 0.00	39.29 1.87 0.00	41.87 2.15 0.00	46.17 2.61 0.00	49.22 2.87 0.00	53.46 3.03 0.00	55.26 3.03 0.00	57.00 3.23 0.00	68.07 4.21 0.00	78.81 5.29 0.00	79.95 4.81 0.00	73.34 4.02 0.00	66.53 2.80 0.00	57.51 1.94 0.00	52.97 2.18 0.00	50.44 2.22 0.00
DARBY___SOLAR 323810	43.12 1.38 0.00	40.72 1.34 0.00	37.08 1.22 0.00	34.50 1.10 0.00	32.94 1.08 0.00	36.26 1.19 0.00	40.00 1.13 0.00	41.38 1.71 0.00	38.92 1.42 0.00	38.58 1.16 0.00	40.28 0.56 0.00	43.95 0.39 0.00	46.95 0.60 0.00	51.45 1.01 0.00	53.48 1.25 0.00	55.60 1.83 0.00	65.33 1.47 0.00	75.87 2.35 0.00	78.22 3.08 0.00	72.17 2.84 0.00	66.60 2.87 0.00	57.79 2.22 0.00	52.72 1.93 0.00	49.96 1.73 0.00
DASHVILLE___HYD 23610	43.33 1.59 0.00	40.68 1.30 0.00	36.97 1.11 0.00	34.33 0.94 0.00	32.75 0.89 0.00	35.84 0.77 0.00	39.77 0.89 0.00	40.83 1.15 0.00	38.81 1.31 0.00	38.73 1.31 0.00	41.27 1.55 0.00	45.51 1.96 0.00	48.53 2.18 0.00	52.71 2.27 0.00	54.42 2.19 0.00	56.08 2.31 0.00	67.18 3.32 0.00	77.86 4.34 0.00	79.05 3.91 0.00	72.51 3.19 0.00	65.71 1.98 0.00	56.78 1.22 0.00	52.31 1.52 0.00	49.81 1.59 0.00
DELAWARE___LFGE 323621	42.45 0.71 0.00	39.97 0.59 0.00	36.40 0.54 0.00	33.90 0.50 0.00	32.34 0.48 0.00	35.60 0.53 0.00	39.50 0.62 0.00	40.35 0.67 0.00	38.13 0.64 0.00	38.02 0.60 0.00	40.44 0.72 0.00	44.38 0.83 0.00	47.23 0.88 0.00	51.52 1.06 -0.02	53.33 1.10 0.00	54.96 1.18 0.00	65.58 1.72 0.01	75.94 2.43 0.00	77.66 2.48 -0.04	71.54 2.22 0.00	65.32 1.59 0.00	56.78 1.17 -0.05	51.85 1.07 0.00	49.25 1.01 -0.01
DERFIELD_115KV_TB7 355931	41.82 0.08 0.00	39.46 0.08 0.00	35.93 0.07 0.00	33.47 0.07 0.00	31.92 0.06 0.00	35.14 0.07 0.00	38.91 0.04 0.00	39.76 0.08 0.00	37.57 0.07 0.00	37.46 0.04 0.00	39.77 0.04 0.00	43.55 0.00 0.00	46.39 0.05 0.00	50.49 0.05 0.00	52.33 0.10 0.00	53.93 0.16 0.00	64.11 0.26 0.00	73.96 0.44 0.00	75.59 0.45 0.00	69.67 0.35 0.00	63.92 0.19 0.00	55.67 0.11 0.00	50.89 0.10 0.00	48.32 0.10 0.00
DOGLEVILLE___HYD 23807	42.12 0.38 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.73 0.33 0.00	32.21 0.35 0.00	35.49 0.42 0.00	39.30 0.43 0.00	40.12 0.44 0.00	37.83 0.34 0.00	37.76 0.34 0.00	40.04 0.32 0.00	43.86 0.30 0.00	46.67 0.32 0.00	50.79 0.35 0.00	52.59 0.37 0.00	54.15 0.38 0.00	64.30 0.45 0.00	74.25 0.74 0.00	75.89 0.75 0.00	70.02 0.69 0.00	64.30 0.57 0.00	56.06 0.50 0.00	51.25 0.46 0.00	48.66 0.43 0.00
DUNKIRK__115KV_TB_200 55889	40.49 -1.25 0.00	38.24 -1.14 0.00	34.75 -1.11 0.00	32.40 -1.00 0.00	30.74 -1.12 0.00	34.09 -0.98 0.00	38.21 -0.66 0.00	39.32 -0.36 0.00	36.89 -0.60 0.00	36.67 -0.75 0.00	39.33 -0.40 0.00	42.90 -0.65 0.00	45.56 -0.79 0.00	50.24 -0.20 0.00	52.02 -0.21 0.00	53.34 -0.43 0.00	63.38 -0.45 0.03	74.11 0.59 0.00	76.72 1.58 0.00	72.30 2.98 0.00	65.58 1.85 0.00	56.89 1.33 0.00	50.89 0.10 0.00	48.08 -0.14 0.00
DUNKIRK___1 23563	40.49 -1.25 0.00	38.24 -1.14 0.00	34.75 -1.11 0.00	32.40 -1.00 0.00	30.74 -1.12 0.00	34.09 -0.98 0.00	38.21 -0.66 0.00	39.32 -0.36 0.00	36.89 -0.60 0.00	36.67 -0.75 0.00	39.33 -0.40 0.00	42.90 -0.65 0.00	45.56 -0.79 0.00	50.24 -0.20 0.00	52.02 -0.21 0.00	53.34 -0.43 0.00	63.38 -0.45 0.03	74.11 0.59 0.00	76.72 1.58 0.00	72.30 2.98 0.00	65.58 1.85 0.00	56.89 1.33 0.00	50.89 0.10 0.00	48.08 -0.14 0.00
DUNKIRK___2 23564	40.49 -1.25 0.00	38.24 -1.14 0.00	34.75 -1.11 0.00	32.40 -1.00 0.00	30.74 -1.12 0.00	34.09 -0.98 0.00	38.21 -0.66 0.00	39.32 -0.36 0.00	36.89 -0.60 0.00	36.67 -0.75 0.00	39.33 -0.40 0.00	42.90 -0.65 0.00	45.56 -0.79 0.00	50.24 -0.20 0.00	52.02 -0.21 0.00	53.34 -0.43 0.00	63.38 -0.45 0.03	74.11 0.59 0.00	76.72 1.58 0.00	72.30 2.98 0.00	65.58 1.85 0.00	56.89 1.33 0.00	50.89 0.10 0.00	48.08 -0.14 0.00
DUNKIRK___3 23565	40.36 -1.38 0.00	38.12 -1.26 0.00	34.68 -1.18 0.00	32.33 -1.07 0.00	30.68 -1.18 0.00	34.02 -1.05 0.00	38.13 -0.74 0.00	39.24 -0.44 0.00	36.74 -0.75 0.00	36.56 -0.86 0.00	39.21 -0.52 0.00	42.77 -0.78 0.00	45.42 -0.93 0.00	50.09 -0.35 0.00	51.86 -0.37 0.00	53.13 -0.65 0.00	63.12 -0.70 0.03	73.81 0.29 0.00	76.27 1.13 0.00	71.82 2.50 0.00	65.13 1.40 0.00	56.56 1.00 0.00	50.64 -0.15 0.00	47.84 -0.39 0.00
DUNKIRK___4 23566	40.36 -1.38 0.00	38.12 -1.26 0.00	34.68 -1.18 0.00	32.33 -1.07 0.00	30.68 -1.18 0.00	34.02 -1.05 0.00	38.13 -0.74 0.00	39.24 -0.44 0.00	36.74 -0.75 0.00	36.56 -0.86 0.00	39.21 -0.52 0.00	42.77 -0.78 0.00	45.42 -0.93 0.00	50.09 -0.35 0.00	51.86 -0.37 0.00	53.13 -0.65 0.00	63.12 -0.70 0.03	73.81 0.29 0.00	76.27 1.13 0.00	71.82 2.50 0.00	65.13 1.40 0.00	56.56 1.00 0.00	50.64 -0.15 0.00	47.84 -0.39 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.95 2.21 0.00	41.23 1.85 0.00	37.37 1.51 0.00	34.74 1.34 0.00	33.13 1.27 0.00	36.30 1.23 0.00	40.47 1.59 0.00	41.78 2.10 0.00	39.82 2.32 0.00	39.82 2.39 0.00	42.55 2.82 0.00	46.91 3.35 0.00	49.92 3.57 0.00	54.12 3.68 0.00	55.68 3.45 0.00	57.16 3.39 0.00	68.20 4.34 0.00	79.03 5.51 0.00	80.10 4.96 0.00	73.41 4.09 0.00	66.15 2.42 0.00	57.17 1.61 0.00	52.97 2.18 0.00	50.44 2.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.49 1.75 0.00	40.84 1.46 0.00	37.08 1.22 0.00	34.44 1.04 0.00	32.85 0.99 0.00	35.98 0.91 0.00	40.04 1.17 0.00	41.19 1.51 0.00	39.18 1.69 0.00	39.10 1.68 0.00	41.71 1.99 0.00	45.95 2.40 0.00	48.94 2.60 0.00	53.16 2.72 0.00	54.89 2.66 0.00	56.57 2.80 0.00	67.56 3.70 0.00	78.30 4.78 0.00	79.42 4.28 0.00	72.93 3.60 0.00	65.96 2.23 0.00	57.01 1.44 0.00	52.51 1.73 0.00	50.01 1.78 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.37 2.63 0.00	41.51 2.13 0.00	37.54 1.69 0.00	34.84 1.44 0.00	33.23 1.37 0.00	36.19 1.12 0.00	40.43 1.55 0.00	41.78 2.10 0.00	39.86 2.36 0.00	39.85 2.43 0.00	42.82 3.10 0.00	47.14 3.57 -0.02	50.19 3.85 0.00	54.27 3.83 0.00	55.62 3.39 0.00	56.89 3.12 0.00	67.88 4.02 0.00	78.59 5.07 0.00	79.57 4.43 0.00	72.78 3.47 0.00	65.44 1.72 0.01	56.67 1.11 0.00	53.43 2.64 0.00	50.97 2.75 0.00

E179THST_13_KV_LOAD 356214	44.62 2.88 0.00	41.74 2.36 0.00	37.72 1.86 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.37 1.30 0.00	40.62 1.75 0.00	42.02 2.34 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.06 3.34 0.00	47.40 3.83 -0.02	50.47 4.12 0.00	54.57 4.14 0.00	55.99 3.76 0.00	57.27 3.50 0.00	68.33 4.47 0.00	79.18 5.66 0.00	80.17 5.03 0.00	73.34 4.02 0.00	65.95 2.23 0.01	57.06 1.50 0.00	53.78 3.00 0.00	51.26 3.04 0.00
EAST HAMPTON___GT 23717	60.72 4.80 -14.18	56.58 4.17 -13.03	51.90 3.48 -12.56	49.48 3.14 -12.94	47.14 3.06 -12.22	50.63 3.16 -12.40	50.57 3.81 -7.88	54.38 4.60 -10.10	56.90 4.99 -14.42	60.65 5.42 -17.81	60.90 5.92 -15.25	64.11 6.75 -13.80	82.12 7.18 -28.58	162.35 6.86 -105.06	173.68 7.16 -114.30	275.36 6.83 -214.76	366.61 6.13 -296.62	484.14 7.13 -403.49	356.22 6.69 -274.39	415.68 5.34 -341.02	282.64 3.95 -214.95	173.24 4.00 -113.68	87.37 3.76 -32.82	61.48 4.05 -9.21
EAST RIVER___6 23660	44.33 2.59 0.00	41.51 2.13 0.00	37.58 1.72 0.00	34.90 1.50 0.00	33.23 1.37 0.00	36.30 1.23 0.00	40.62 1.75 0.00	42.02 2.34 0.00	40.16 2.66 0.00	40.12 2.70 0.00	42.94 3.22 0.00	47.44 3.87 -0.02	50.57 4.22 0.00	54.68 4.24 0.00	56.35 4.13 0.00	57.32 3.55 0.00	68.39 4.53 0.00	79.47 5.95 0.00	80.39 5.26 0.00	73.62 4.30 0.00	66.41 2.68 0.00	57.45 1.89 0.00	53.43 2.64 0.00	50.97 2.75 0.00
EAST RIVER___7 23524	44.33 2.59 0.00	41.51 2.13 0.00	37.58 1.72 0.00	34.90 1.50 0.00	33.23 1.37 0.00	36.30 1.23 0.00	40.62 1.75 0.00	42.02 2.34 0.00	40.16 2.66 0.00	40.12 2.70 0.00	42.94 3.22 0.00	47.44 3.87 -0.02	50.57 4.22 0.00	54.68 4.24 0.00	56.35 4.13 0.00	57.32 3.55 0.00	68.39 4.53 0.00	79.47 5.95 0.00	80.39 5.26 0.00	73.62 4.30 0.00	66.41 2.68 0.00	57.45 1.89 0.00	53.43 2.64 0.00	50.97 2.75 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.83 2.09 0.00	41.11 1.73 0.00	37.29 1.43 0.00	34.67 1.27 0.00	33.07 1.21 0.00	36.23 1.16 0.00	40.39 1.52 0.00	41.66 1.98 0.00	39.71 2.21 0.00	39.70 2.28 0.00	42.39 2.66 0.00	46.73 3.18 0.00	49.73 3.38 0.00	53.92 3.48 0.00	55.52 3.29 0.00	57.00 3.23 0.00	68.07 4.21 0.00	78.81 5.29 0.00	79.87 4.73 0.00	73.20 3.88 0.00	66.02 2.29 0.00	57.06 1.50 0.00	52.82 2.03 0.00	50.34 2.12 0.00
EAST_HAMPTON___DIESEL 23722	60.68 4.76 -14.18	56.58 4.17 -13.03	51.90 3.48 -12.56	49.45 3.11 -12.94	47.14 3.06 -12.22	50.66 3.19 -12.40	50.57 3.81 -7.88	54.38 4.60 -10.10	56.90 4.99 -14.42	60.65 5.42 -17.81	60.93 5.96 -15.25	64.11 6.75 -13.80	82.11 7.18 -28.58	162.35 6.86 -105.06	173.68 7.16 -114.30	275.36 6.83 -214.76	366.54 6.07 -296.62	484.14 7.13 -403.49	356.22 6.69 -274.39	415.61 5.27 -341.02	282.57 3.89 -214.95	173.19 3.95 -113.68	87.27 3.66 -32.82	61.43 4.00 -9.21
EAST_POINT___SOLAR 323840	43.91 2.17 0.00	41.35 1.97 0.00	37.62 1.76 0.00	35.04 1.64 0.00	33.48 1.62 0.00	36.96 1.89 0.00	40.78 1.90 0.00	40.51 0.83 0.00	37.57 0.08 0.00	37.20 -0.22 0.00	39.45 -0.28 0.00	43.29 -0.26 0.00	46.26 -0.09 0.00	50.49 0.05 0.00	52.02 -0.21 0.00	53.93 0.16 0.00	64.94 1.08 0.00	76.24 2.72 0.00	80.17 5.03 0.00	74.66 5.34 0.00	68.57 4.84 0.00	59.39 3.83 0.00	54.09 3.30 0.00	51.26 3.04 0.00
EAST_PULASKI___ESR 323781	41.99 0.25 0.00	39.66 0.28 0.00	36.11 0.25 0.00	33.73 0.33 0.00	32.24 0.38 0.00	35.63 0.56 0.00	39.49 0.62 0.00	40.12 0.44 0.00	37.65 0.15 0.00	37.46 0.04 0.00	39.65 -0.08 0.00	43.34 -0.22 0.00	46.07 -0.28 0.00	50.48 -0.20 -0.24	52.12 -0.10 0.00	53.88 0.11 0.00	64.16 0.26 -0.05	74.47 0.95 0.00	77.06 1.42 -0.50	71.12 1.80 0.00	65.32 1.59 0.00	57.75 1.55 -0.63	51.90 1.12 0.00	49.28 0.91 -0.15
EAST_RIVER___1 323558	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.83 1.44 0.00	33.23 1.37 0.00	36.37 1.30 0.00	40.66 1.79 0.00	41.98 2.30 0.00	40.12 2.62 0.00	40.08 2.66 0.00	42.90 3.18 0.00	47.36 3.79 -0.02	50.47 4.12 0.00	54.58 4.14 0.00	56.20 3.97 0.00	57.16 3.39 0.00	68.14 4.28 0.00	79.26 5.74 0.00	80.17 5.03 0.00	73.41 4.09 0.00	66.15 2.42 0.00	57.23 1.67 0.00	53.23 2.44 0.00	50.87 2.65 0.00
EAST_RIVER___2 323559	44.33 2.59 0.00	41.51 2.13 0.00	37.58 1.72 0.00	34.90 1.50 0.00	33.23 1.37 0.00	36.30 1.23 0.00	40.62 1.75 0.00	42.02 2.34 0.00	40.16 2.66 0.00	40.12 2.70 0.00	42.94 3.22 0.00	47.44 3.87 -0.02	50.57 4.22 0.00	54.68 4.24 0.00	56.35 4.13 0.00	57.32 3.55 0.00	68.39 4.53 0.00	79.47 5.95 0.00	80.39 5.26 0.00	73.62 4.30 0.00	66.41 2.68 0.00	57.45 1.89 0.00	53.43 2.64 0.00	50.97 2.75 0.00
EAST___DELAWARE_HYD 23607	43.74 2.00 0.00	41.03 1.65 0.00	37.33 1.47 0.00	34.64 1.24 0.00	33.04 1.18 0.00	36.19 1.12 0.00	40.23 1.36 0.00	41.31 1.63 0.00	39.26 1.76 0.00	39.18 1.76 0.00	41.75 2.02 0.00	45.99 2.44 0.00	49.13 2.78 0.00	53.36 2.92 0.00	55.31 3.08 0.00	56.78 3.01 0.00	68.01 4.15 0.00	79.10 5.58 0.00	80.40 5.26 0.00	73.83 4.50 0.00	66.92 3.19 0.00	57.84 2.28 0.00	53.08 2.29 0.00	50.54 2.31 0.00
EIGHT_POINT___WT_PWR 323820	41.24 -0.50 0.00	38.99 -0.39 0.00	35.36 -0.50 0.00	32.93 -0.47 0.00	31.29 -0.57 0.00	34.68 -0.38 0.00	38.76 -0.12 0.00	39.60 -0.08 0.00	37.01 -0.49 0.00	36.67 -0.75 0.00	39.13 -0.59 0.00	42.73 -0.83 0.00	45.10 -1.25 0.00	49.50 -0.96 -0.02	51.29 -0.94 0.00	52.91 -0.86 0.00	62.62 -1.22 0.03	73.74 0.22 0.00	76.46 1.28 -0.04	71.89 2.57 0.00	65.13 1.40 0.00	56.78 1.17 -0.05	51.24 0.46 0.00	48.57 0.34 -0.01
ELBRIDGE_115KV_TB2 80188	41.11 -0.63 0.00	38.91 -0.47 0.00	35.39 -0.47 0.00	33.00 -0.40 0.00	31.48 -0.38 0.00	34.72 -0.35 0.00	38.56 -0.31 0.00	39.24 -0.44 0.00	37.01 -0.49 0.00	36.90 -0.52 0.00	39.21 -0.52 0.00	42.99 -0.57 0.00	45.75 -0.60 0.00	50.00 -0.55 -0.12	51.76 -0.47 0.00	53.40 -0.38 0.00	63.47 -0.38 0.00	73.44 -0.07 0.00	75.46 0.08 -0.24	69.67 0.35 0.00	63.73 0.00 0.00	55.76 -0.11 -0.31	50.38 -0.41 0.00	47.86 -0.43 -0.07
ELEC_TRO_TEK 24086	44.54 2.80 0.00	41.63 2.24 0.00	37.65 1.79 0.00	34.94 1.54 0.00	33.32 1.47 0.00	36.44 1.37 0.00	40.66 1.79 0.00	42.02 2.34 0.00	40.19 2.70 0.00	40.34 2.92 0.00	47.17 3.22 -4.23	48.67 3.79 -1.32	50.38 4.03 0.00	54.22 3.78 0.00	56.20 3.97 0.00	57.66 3.87 -0.02	68.60 4.73 -0.02	79.56 6.03 -0.01	80.47 5.33 0.00	73.34 4.02 0.00	65.96 2.23 0.00	57.67 2.11 0.00	53.12 2.34 0.00	50.73 2.51 0.00
ELLENBURG_WT_PWR 323604	41.91 0.17 0.00	39.46 0.08 0.00	35.97 0.11 0.00	33.53 0.13 0.00	31.92 0.06 0.00	35.17 0.11 0.00	38.91 0.04 0.00	39.68 0.00 0.00	37.46 -0.04 0.00	37.50 0.07 0.00	39.80 0.08 0.00	43.69 0.13 0.00	46.35 0.00 0.00	50.34 -0.10 0.00	52.18 -0.05 0.00	53.56 -0.21 0.00	63.41 -0.44 0.00	72.56 -0.96 0.00	74.39 -0.75 0.00	68.70 -0.63 0.00	63.67 -0.06 0.00	55.90 0.34 0.00	51.04 0.26 0.00	48.42 0.19 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.15 -1.59 0.00	38.04 -1.34 0.00	34.57 -1.29 0.00	32.26 -1.14 0.00	30.65 -1.21 0.00	33.95 -1.12 0.00	38.10 -0.78 0.00	39.16 -0.52 0.00	36.63 -0.86 0.00	36.45 -0.97 0.00	39.05 -0.68 0.00	42.64 -0.91 0.00	45.24 -1.11 0.00	49.78 -0.66 0.00	51.55 -0.68 0.00	52.70 -1.08 0.00	62.55 -1.28 0.04	72.93 -0.59 0.00	75.21 0.08 0.00	70.92 1.59 0.00	64.37 0.64 0.00	56.06 0.50 0.00	50.28 -0.51 0.00	47.55 -0.68 0.00
EMPIRE_CC_1 323656	42.16 0.42 0.00	39.77 0.39 0.00	36.43 0.57 0.00	33.90 0.50 0.00	32.34 0.48 0.00	35.52 0.45 0.00	38.99 0.12 0.00	39.60 -0.08 0.00	37.46 -0.04 0.00	37.35 -0.07 0.00	39.57 -0.16 0.00	43.34 -0.22 0.00	46.26 -0.09 0.00	50.29 -0.15 0.00	52.12 -0.10 0.00	53.67 -0.11 0.00	64.18 0.32 0.00	74.25 0.74 0.00	75.89 0.75 0.00	69.74 0.42 0.00	64.18 0.45 0.00	55.90 0.34 0.00	50.99 0.20 0.00	48.37 0.15 0.00
EMPIRE_CC_2 323658	42.16 0.42 0.00	39.77 0.39 0.00	36.43 0.57 0.00	33.90 0.50 0.00	32.34 0.48 0.00	35.52 0.45 0.00	38.99 0.12 0.00	39.60 -0.08 0.00	37.46 -0.04 0.00	37.35 -0.07 0.00	39.57 -0.16 0.00	43.34 -0.22 0.00	46.26 -0.09 0.00	50.29 -0.15 0.00	52.12 -0.10 0.00	53.67 -0.11 0.00	64.18 0.32 0.00	74.25 0.74 0.00	75.89 0.75 0.00	69.74 0.42 0.00	64.18 0.45 0.00	55.90 0.34 0.00	50.99 0.20 0.00	48.37 0.15 0.00
ENORWICH_115KV_TB1 80156	43.49 1.75 0.00	40.99 1.61 0.00	37.37 1.51 0.00	34.90 1.50 0.00	33.29 1.43 0.00	36.86 1.79 0.00	40.86 1.98 0.00	41.62 1.94 0.00	38.84 1.35 0.00	38.51 1.09 0.00	40.72 0.99 0.00	44.51 0.96 0.00	47.41 1.07 0.00	52.04 1.56 -0.04	54.11 1.88 0.00	56.03 2.26 0.00	67.11 3.26 0.01	78.52 5.00 0.00	81.01 5.79 -0.08	75.15 5.82 0.00	68.70 4.97 0.00	59.73 4.06 -0.11	53.99 3.20 0.00	51.19 2.94 -0.03
ERIE_ST__34_KV_TB1-2 80199	40.15 -1.59 0.00	37.96 -1.42 0.00	34.50 -1.36 0.00	32.20 -1.20 0.00	30.58 -1.27 0.00	33.91 -1.16 0.00	38.06 -0.82 0.00	39.20 -0.48 0.00	36.78 -0.71 0.00	36.60 -0.82 0.00	39.25 -0.48 0.00	42.90 -0.65 0.00	45.51 -0.83 0.00	50.24 -0.20 0.00	52.07 -0.16 0.00	53.34 -0.43 0.00	63.18 -0.64 0.03	74.03 0.51 0.00	76.42 1.28 0.00	71.89 2.56 0.00	65.26 1.53 0.00	56.62 1.06 0.00	50.58 -0.20 0.00	47.74 -0.48 0.00
ERIE_WT_PWR 323693	40.24 -1.50 0.00	38.08 -1.30 0.00	34.60 -1.26 0.00	32.30 -1.10 0.00	30.71 -1.15 0.00	34.02 -1.05 0.00	38.13 -0.74 0.00	39.28 -0.40 0.00	36.74 -0.75 0.00	36.56 -0.86 0.00	39.17 -0.56 0.00	42.77 -0.78 0.00	45.00 -1.35 0.00	49.58 -0.86 0.00	51.03 -1.20 0.00	52.54 -1.23 0.00	61.97 -1.85 0.03	72.78 -0.74 0.00	75.14 0.00 0.00	70.78 1.46 0.00	63.60 -0.13 0.00	55.51 -0.06 0.00	50.13 -0.66 0.00	47.40 -0.82 0.00
ESPRGFLD_115KV_TB1 80157	43.16 1.42 0.00	40.64 1.26 0.00	36.97 1.11 0.00	34.47 1.07 0.00	32.91 1.05 0.00	36.30 1.23 0.00	40.27 1.40 0.00	40.87 1.19 0.00	38.28 0.79 0.00	38.06 0.64 0.00	40.40 0.68 0.00	44.34 0.78 0.00	47.27 0.93 0.00	51.60 1.16 0.00	53.48 1.25 0.00	55.22 1.45 0.00	66.16 2.30 0.00	77.05 3.53 0.00	79.42 4.28 0.00	73.55 4.23 0.00	67.30 3.57 0.00	58.34 2.78 0.00	53.12 2.34 0.00	50.39 2.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.95 0.21 0.00	39.66 0.28 0.00	36.04 0.18 0.00	33.60 0.20 0.00	32.05 0.19 0.00	35.42 0.35 0.00	39.34 0.47 0.00	40.08 0.40 0.00	37.68 0.19 0.00	37.46 0.04 0.00	39.77 0.04 0.00	43.60 0.04 0.00	46.39 0.05 0.00	50.75 0.25 -0.06	52.65 0.42 0.00	54.36 0.59 0.00	64.68 0.83 0.01	75.21 1.69 0.00	77.37 2.10 -0.13	71.68 2.36 0.00	65.51 1.78 0.00	57.11 1.39 -0.16	51.60 0.81 0.00	48.98 0.72 -0.04
ETNA____115KV_TB2 80207	41.95 0.21 0.00	39.66 0.28 0.00	36.04 0.18 0.00	33.60 0.20 0.00	32.05 0.19 0.00	35.42 0.35 0.00	39.34 0.47 0.00	40.08 0.40 0.00	37.68 0.19 0.00	37.46 0.04 0.00	39.77 0.04 0.00	43.60 0.04 0.00	46.39 0.05 0.00	50.75 0.25 -0.06	52.65 0.42 0.00	54.36 0.59 0.00	64.68 0.83 0.01	75.21 1.69 0.00	77.37 2.10 -0.13	71.68 2.36 0.00	65.51 1.78 0.00	57.11 1.39 -0.16	51.60 0.81 0.00	48.98 0.72 -0.04
EUCLID__115KV_TB2 356179	40.82 -0.92 0.00	38.63 -0.75 0.00	35.18 -0.68 0.00	32.77 -0.63 0.00	31.29 -0.57 0.00	34.51 -0.56 0.00	38.29 -0.58 0.00	39.00 -0.67 0.00	36.82 -0.67 0.00	36.71 -0.71 0.00	39.05 -0.68 0.00	42.77 -0.78 0.00	45.51 -0.83 0.00	49.68 -0.81 -0.04	51.50 -0.73 0.00	53.07 -0.70 0.00	63.07 -0.77 0.02	72.93 -0.59 0.00	74.70 -0.53 -0.09	68.98 -0.35 0.00	63.16 -0.57 0.00	55.06 -0.61 -0.11	49.98 -0.81 0.00	47.43 -0.82 -0.03
E_CANADA_CAP_HY 24051	43.57 1.83 0.00	41.07 1.69 0.00	37.36 1.51 0.00	34.80 1.40 0.00	33.23 1.37 0.00	36.65 1.58 0.00	40.58 1.71 0.00	40.91 1.23 0.00	38.13 0.64 0.00	37.80 0.37 0.00	40.01 0.28 0.00	43.86 0.31 0.00	46.81 0.46 0.00	51.14 0.71 0.00	52.96 0.73 0.00	54.74 0.97 0.00	65.58 1.72 0.00	76.75 3.23 0.00	79.72 4.58 0.00	73.97 4.65 0.00	67.87 4.14 0.00	58.84 3.28 0.00	53.63 2.84 0.00	50.82 2.60 0.00
E_CANADA_MHWK_HY 24050	42.11 0.37 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.73 0.33 0.00	32.21 0.35 0.00	35.49 0.42 0.00	39.30 0.43 0.00	40.12 0.44 0.00	37.83 0.34 0.00	37.76 0.34 0.00	40.04 0.32 0.00	43.86 0.31 0.00	46.67 0.33 0.00	50.79 0.36 0.00	52.60 0.37 0.00	54.10 0.32 0.00	64.24 0.39 0.00	74.18 0.66 0.00	75.89 0.75 0.00	70.02 0.69 0.00	64.24 0.51 0.00	56.06 0.50 0.00	51.24 0.46 0.00	48.66 0.43 0.00
E_FISHKILL__LBMP 23776	43.45 1.71 0.00	40.80 1.42 0.00	37.04 1.18 0.00	34.44 1.04 0.00	32.85 0.99 0.00	35.98 0.91 0.00	40.04 1.17 0.00	41.27 1.59 0.00	39.26 1.76 0.00	39.25 1.83 0.00	41.83 2.11 0.00	46.08 2.53 0.00	49.04 2.69 0.00	53.21 2.77 0.00	54.84 2.61 0.00	56.41 2.63 0.00	67.24 3.38 0.00	77.93 4.41 0.00	79.05 3.91 0.00	72.44 3.12 0.00	65.58 1.85 0.00	56.67 1.11 0.00	52.36 1.57 0.00	49.91 1.69 0.00
FALCON__SEABRD_CC1 323796	42.37 0.63 0.00	39.89 0.51 0.00	36.36 0.50 0.00	33.90 0.50 0.00	32.24 0.38 0.00	35.56 0.49 0.00	39.46 0.58 0.00	40.23 0.56 0.00	37.95 0.45 0.00	38.02 0.60 0.00	40.36 0.63 0.00	44.25 0.69 0.00	46.95 0.60 0.00	50.99 0.56 0.00	52.86 0.63 0.00	54.26 0.48 0.00	64.31 0.45 0.00	73.44 -0.07 0.00	75.29 0.15 0.00	69.60 0.28 0.00	64.50 0.77 0.00	56.67 1.11 0.00	51.65 0.86 0.00	48.95 0.72 0.00
FALCON__SEABRD_CC2 323797	42.37 0.63 0.00	39.89 0.51 0.00	36.36 0.50 0.00	33.90 0.50 0.00	32.24 0.38 0.00	35.56 0.49 0.00	39.46 0.58 0.00	40.23 0.56 0.00	37.95 0.45 0.00	38.02 0.60 0.00	40.36 0.63 0.00	44.25 0.69 0.00	46.95 0.60 0.00	50.99 0.56 0.00	52.86 0.63 0.00	54.26 0.48 0.00	64.31 0.45 0.00	73.44 -0.07 0.00	75.29 0.15 0.00	69.60 0.28 0.00	64.50 0.77 0.00	56.67 1.11 0.00	51.65 0.86 0.00	48.95 0.72 0.00

FAR ROCKAWAY___4 23548	45.29 3.55 0.00	42.29 2.91 0.00	38.23 2.37 0.00	35.47 2.07 0.00	33.80 1.94 0.00	36.96 1.89 0.00	41.24 2.37 0.00	42.62 2.94 0.00	40.76 3.26 0.00	40.98 3.55 0.00	47.89 3.93 -4.23	49.45 4.57 -1.32	51.31 4.96 0.00	55.28 4.84 0.00	57.35 5.12 0.00	58.90 5.11 -0.02	70.20 6.32 -0.02	81.42 7.87 -0.04	82.43 7.29 0.00	75.08 5.75 0.00	67.49 3.76 0.00	59.01 3.44 0.00	54.24 3.45 0.00	51.69 3.47 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.24 2.50 0.00	41.47 2.09 0.00	37.54 1.69 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.40 1.33 0.00	40.70 1.83 0.00	42.10 2.42 0.00	40.12 2.62 0.00	40.12 2.69 0.00	42.90 3.18 0.00	47.36 3.79 -0.02	50.38 4.03 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.38 3.60 0.00	68.46 4.60 0.00	79.33 5.81 0.00	80.25 5.11 0.00	73.49 4.16 0.00	66.15 2.42 0.00	57.12 1.56 0.00	53.23 2.44 0.00	50.78 2.56 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.29 2.55 0.00	41.47 2.09 0.00	37.54 1.69 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.40 1.33 0.00	40.70 1.83 0.00	42.06 2.38 0.00	40.12 2.62 0.00	40.12 2.69 0.00	42.90 3.18 0.00	47.36 3.79 -0.02	50.38 4.03 0.00	54.57 4.14 0.00	55.99 3.76 0.00	57.38 3.60 0.00	68.46 4.60 0.00	79.33 5.81 0.00	80.25 5.11 0.00	73.49 4.16 0.00	66.15 2.42 0.00	57.12 1.56 0.00	53.23 2.44 0.00	50.78 2.56 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.84 1.44 0.00	33.23 1.37 0.00	36.37 1.30 0.00	40.66 1.79 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.33 3.99 0.00	54.57 4.14 0.00	55.94 3.71 0.00	57.32 3.55 0.00	68.39 4.53 0.00	79.25 5.73 0.00	80.18 5.03 0.00	73.42 4.09 0.00	66.02 2.29 0.00	57.06 1.50 0.00	53.18 2.39 0.00	50.73 2.51 0.00
FARRAGUT___LBMP 323566	44.20 2.46 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.80 1.40 0.00	33.23 1.37 0.00	36.33 1.26 0.00	40.62 1.75 0.00	42.02 2.34 0.00	40.04 2.55 0.00	40.04 2.62 0.00	42.82 3.10 0.00	47.27 3.70 0.00	50.29 3.94 0.00	54.47 4.04 0.00	55.89 3.66 0.00	57.27 3.50 0.00	68.26 4.41 0.00	79.10 5.59 0.00	80.10 4.96 0.00	73.35 4.02 0.00	65.96 2.23 0.00	57.01 1.44 0.00	53.12 2.34 0.00	50.68 2.46 0.00
FARRCKWY_69_KV_BK2 55825	45.29 3.55 0.00	42.29 2.91 0.00	38.23 2.37 0.00	35.47 2.07 0.00	33.80 1.94 0.00	36.96 1.89 0.00	41.24 2.37 0.00	42.62 2.94 0.00	40.76 3.26 0.00	40.98 3.55 0.00	47.89 3.93 -4.23	49.45 4.57 -1.32	51.31 4.96 0.00	55.28 4.84 0.00	57.35 5.12 0.00	58.90 5.11 -0.02	70.20 6.32 -0.02	81.42 7.87 -0.04	82.43 7.29 0.00	75.08 5.75 0.00	67.49 3.76 0.00	59.01 3.44 0.00	54.24 3.45 0.00	51.69 3.47 0.00
FENNER___WINDPWR 24204	42.20 0.46 0.00	39.81 0.43 0.00	36.25 0.40 0.00	33.80 0.40 0.00	32.27 0.41 0.00	35.63 0.56 0.00	39.49 0.62 0.00	40.28 0.60 0.00	37.87 0.37 0.00	37.72 0.30 0.00	40.04 0.32 0.00	43.86 0.31 0.00	46.67 0.33 0.00	50.99 0.50 -0.05	52.86 0.63 0.00	54.58 0.81 0.00	65.00 1.15 0.01	75.36 1.84 0.00	77.34 2.10 -0.10	71.47 2.15 0.00	65.45 1.72 0.00	57.08 1.39 -0.13	51.86 1.07 0.00	49.17 0.91 -0.03
FIBERTEK___ENERGY 23856	41.28 -0.46 0.00	39.07 -0.32 0.00	35.54 -0.32 0.00	33.13 -0.27 0.00	31.60 -0.25 0.00	34.89 -0.18 0.00	38.72 -0.16 0.00	39.40 -0.28 0.00	37.19 -0.30 0.00	37.08 -0.34 0.00	39.41 -0.32 0.00	43.21 -0.35 0.00	45.98 -0.37 0.00	50.25 -0.30 -0.11	52.02 -0.21 0.00	53.72 -0.05 0.00	63.86 0.00 0.00	73.81 0.29 0.00	75.82 0.45 -0.23	69.95 0.62 0.00	63.98 0.25 0.00	55.96 0.11 -0.29	50.58 -0.20 0.00	48.05 -0.24 -0.07
FITZPATRICK___ 23598	40.36 -1.38 0.00	38.20 -1.18 0.00	34.78 -1.07 0.00	32.43 -0.97 0.00	30.97 -0.89 0.00	34.09 -0.98 0.00	37.86 -1.01 0.00	38.49 -1.19 0.00	36.33 -1.16 0.00	36.22 -1.20 0.00	38.45 -1.27 0.00	42.12 -1.44 0.00	44.82 -1.53 0.00	48.20 -1.62 0.62	50.56 -1.67 0.00	52.16 -1.61 0.00	62.00 -1.85 0.00	71.68 -1.84 0.00	72.00 -1.88 1.26	67.73 -1.59 0.00	62.01 -1.72 0.00	52.40 -1.56 1.61	49.21 -1.57 0.00	46.30 -1.55 0.38
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.87 2.13 0.00	41.19 1.81 0.00	37.44 1.58 0.00	34.74 1.34 0.00	33.13 1.27 0.00	36.26 1.19 0.00	40.35 1.48 0.00	41.46 1.79 0.00	39.44 1.95 0.00	39.37 1.95 0.00	41.95 2.22 0.00	46.25 2.70 0.00	49.31 2.97 0.00	53.57 3.13 0.00	55.36 3.13 0.00	57.11 3.33 0.00	68.26 4.41 0.00	79.03 5.51 0.00	80.17 5.03 0.00	73.55 4.23 0.00	66.66 2.93 0.00	57.62 2.06 0.00	53.07 2.29 0.00	50.49 2.27 0.00
FORT ORANGE___ 23900	42.24 0.50 0.00	39.85 0.47 0.00	36.32 0.46 0.00	33.80 0.40 0.00	32.27 0.41 0.00	35.42 0.35 0.00	39.07 0.20 0.00	39.84 0.16 0.00	37.68 0.19 0.00	37.53 0.11 0.00	39.73 0.00 0.00	43.47 -0.09 0.00	46.39 0.05 0.00	50.59 0.15 0.00	52.44 0.21 0.00	54.04 0.27 0.00	64.43 0.57 0.00	74.69 1.17 0.00	76.42 1.28 0.00	70.29 0.97 0.00	64.50 0.77 0.00	56.06 0.50 0.00	51.24 0.46 0.00	48.61 0.38 0.00
FORT_DRUM_COGEN 23780	43.58 1.84 0.00	40.96 1.58 0.00	37.40 1.54 0.00	35.04 1.64 0.00	33.48 1.62 0.00	37.14 2.07 0.00	41.09 2.22 0.00	41.66 1.98 0.00	38.81 1.31 0.00	38.51 1.09 0.00	40.56 0.83 0.00	44.25 0.70 0.00	47.04 0.70 0.00	51.44 0.86 -0.14	53.22 0.99 0.00	54.96 1.18 0.00	65.86 1.98 -0.03	76.97 3.46 0.00	79.86 4.43 -0.29	74.31 4.99 0.00	68.76 5.03 0.00	60.48 4.56 -0.37	54.50 3.71 0.00	51.64 3.33 -0.09
FOX_HILLS___ESR 323835	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.70 1.83 0.00	41.94 2.26 0.00	40.01 2.51 0.00	39.97 2.55 0.00	42.90 3.18 0.00	47.40 3.83 -0.02	50.66 4.31 0.00	54.22 3.78 0.01	55.93 3.71 0.01	56.70 3.01 0.08	66.80 3.70 0.75	77.79 4.93 0.66	78.95 4.51 0.69	71.92 3.33 0.73	62.66 1.78 2.85	55.90 1.39 1.05	53.53 2.74 0.00	51.17 2.94 -0.01
FPL_FAR_ROCK_GT1 24212	45.29 3.55 0.00	42.29 2.91 0.00	38.23 2.37 0.00	35.47 2.07 0.00	33.80 1.94 0.00	37.00 1.93 0.00	41.24 2.37 0.00	42.57 2.90 0.00	40.79 3.30 0.00	40.99 3.56 -0.01	47.89 3.93 -4.23	49.45 4.57 -1.32	51.41 5.05 -0.01	55.48 5.04 0.00	57.51 5.27 -0.01	58.69 4.89 -0.02	69.75 5.87 -0.02	81.35 7.79 -0.04	82.36 7.21 0.00	75.08 5.75 0.00	67.56 3.82 0.00	59.01 3.45 0.00	54.29 3.50 0.00	51.99 3.76 0.00
FPL_FAR_ROCK_GT2 23815	45.29 3.55 0.00	42.29 2.91 0.00	38.23 2.37 0.00	35.47 2.07 0.00	33.80 1.94 0.00	37.00 1.93 0.00	41.24 2.37 0.00	42.57 2.90 0.00	40.79 3.30 0.00	40.99 3.56 -0.01	47.89 3.93 -4.23	49.45 4.57 -1.32	51.41 5.05 -0.01	55.48 5.04 0.00	57.51 5.27 -0.01	58.69 4.89 -0.02	69.75 5.87 -0.02	81.35 7.79 -0.04	82.36 7.21 0.00	75.08 5.75 0.00	67.56 3.82 0.00	59.01 3.45 0.00	54.29 3.50 0.00	51.99 3.76 0.00

FRANKLIN_FALL_HYD 24054	42.28 0.54 0.00	39.77 0.39 0.00	36.25 0.39 0.00	33.80 0.40 0.00	32.18 0.32 0.00	35.53 0.46 0.00	39.34 0.47 0.00	40.12 0.44 0.00	37.79 0.30 0.00	37.83 0.41 0.00	40.08 0.36 0.00	43.99 0.44 0.00	46.63 0.28 0.00	50.59 0.15 0.00	52.12 -0.10 0.00	53.29 -0.48 0.00	63.22 -0.64 0.00	72.56 -0.96 0.00	74.46 -0.68 0.00	68.84 -0.49 0.00	63.79 0.06 0.00	56.28 0.72 0.00	51.35 0.56 0.00	48.90 0.68 0.00
FREEPORT_EQUS_GT1 23764	44.95 3.21 0.00	41.98 2.60 0.00	37.97 2.12 0.00	35.20 1.80 0.00	33.58 1.72 0.00	36.72 1.65 0.00	40.93 2.06 0.00	42.30 2.62 0.00	40.53 3.04 0.00	40.72 3.29 -0.01	47.57 3.61 -4.23	49.10 4.22 -1.32	50.95 4.59 -0.01	54.82 4.39 0.00	56.88 4.65 -0.01	58.04 4.25 -0.02	68.79 4.92 -0.02	80.29 6.76 -0.01	80.99 6.08 0.23	74.04 4.72 0.00	66.60 2.87 0.00	58.28 2.72 0.00	53.68 2.89 0.00	51.55 3.32 0.00
FREEPORT___CT2 23818	44.95 3.21 0.00	41.98 2.60 0.00	37.97 2.12 0.00	35.20 1.80 0.00	33.58 1.72 0.00	36.72 1.65 0.00	40.93 2.06 0.00	42.30 2.62 0.00	40.53 3.04 0.00	40.72 3.29 -0.01	47.57 3.61 -4.23	49.10 4.22 -1.32	50.95 4.59 -0.01	54.82 4.39 0.00	56.88 4.65 -0.01	58.04 4.25 -0.02	68.79 4.92 -0.02	80.29 6.76 -0.01	80.99 6.08 0.23	74.04 4.72 0.00	66.60 2.87 0.00	58.28 2.72 0.00	53.68 2.89 0.00	51.55 3.32 0.00
FRESHKLS_33_KV_LOAD 356253	44.71 2.96 -0.01	41.87 2.48 -0.01	37.91 2.04 -0.01	35.21 1.80 -0.01	33.59 1.72 -0.01	36.58 1.51 0.00	40.82 1.94 0.00	42.02 2.34 0.00	40.05 2.55 0.00	40.00 2.58 0.00	42.94 3.22 0.00	47.49 3.92 -0.02	50.75 4.41 0.00	54.16 3.73 0.01	55.88 3.65 0.01	56.65 2.96 0.08	66.80 3.70 0.75	77.79 4.93 0.66	78.95 4.51 0.69	71.92 3.33 0.73	62.73 1.85 2.85	55.90 1.39 1.05	53.63 2.84 0.00	51.32 3.09 -0.01
FULTON COGEN____ 23766	40.82 -0.92 0.00	38.63 -0.75 0.00	35.18 -0.68 0.00	32.80 -0.60 0.00	31.29 -0.57 0.00	34.54 -0.53 0.00	38.33 -0.54 0.00	38.97 -0.71 0.00	36.78 -0.71 0.00	36.67 -0.75 0.00	38.93 -0.79 0.00	42.68 -0.87 0.00	45.42 -0.93 0.00	49.69 -0.96 -0.21	51.34 -0.89 0.00	53.02 -0.75 0.00	63.06 -0.83 -0.03	72.86 -0.66 0.00	75.04 -0.53 -0.42	69.05 -0.28 0.00	63.22 -0.51 0.00	55.55 -0.56 -0.54	50.03 -0.76 0.00	47.53 -0.82 -0.13
FULTON___LFGE 323630	43.62 1.88 0.00	41.11 1.73 0.00	37.40 1.54 0.00	34.80 1.40 0.00	33.26 1.40 0.00	36.68 1.61 0.00	40.58 1.71 0.00	40.87 1.71 0.00	38.02 0.52 0.00	37.57 0.15 0.00	39.69 -0.04 0.00	43.51 -0.04 0.00	46.44 0.09 0.00	50.74 0.30 0.00	52.64 0.42 0.00	54.47 0.70 0.00	65.20 1.34 0.00	76.31 2.79 0.00	79.42 4.28 0.00	73.83 4.50 0.00	67.81 4.08 0.00	58.78 3.22 0.00	53.63 2.84 0.00	50.82 2.60 0.00
G.F.CEMENT___DRP 24184	43.28 1.54 0.00	40.88 1.50 0.00	37.22 1.36 0.00	34.64 1.24 0.00	33.07 1.21 0.00	36.44 1.37 0.00	40.20 1.32 0.00	41.35 1.67 0.00	38.92 1.42 0.00	38.58 1.16 0.00	40.20 0.48 0.00	43.90 0.35 0.00	46.90 0.56 0.00	51.20 0.76 0.00	53.43 1.20 0.00	55.60 1.83 0.00	65.58 1.72 0.00	76.16 2.65 0.00	78.90 3.76 0.00	72.79 3.47 0.00	67.43 3.70 0.00	58.34 2.78 0.00	53.18 2.39 0.00	50.34 2.12 0.00
GARDENVILLE___LBMP 24039	40.20 -1.54 0.00	38.04 -1.34 0.00	34.57 -1.29 0.00	32.26 -1.14 0.00	30.65 -1.21 0.00	33.95 -1.12 0.00	38.10 -0.78 0.00	39.16 -0.52 0.00	36.67 -0.82 0.00	36.45 -0.97 0.00	39.09 -0.64 0.00	42.64 -0.91 0.00	45.28 -1.07 0.00	49.83 -0.61 0.00	51.60 -0.63 0.00	52.80 -0.97 0.00	62.67 -1.15 0.03	73.15 -0.37 0.00	75.44 0.30 0.00	71.12 1.80 0.00	64.56 0.83 0.00	56.17 0.61 0.00	50.38 -0.41 0.00	47.64 -0.58 0.00
GARDNVLA_35_KV_LD 355827	40.28 -1.46 0.00	38.16 -1.22 0.00	34.68 -1.18 0.00	32.33 -1.07 0.00	30.74 -1.12 0.00	34.05 -1.02 0.00	38.17 -0.70 0.00	39.32 -0.36 0.00	36.86 -0.64 0.00	36.64 -0.79 0.00	39.29 -0.44 0.00	42.90 -0.65 0.00	45.51 -0.83 0.00	50.14 -0.30 0.00	51.92 -0.31 0.00	53.13 -0.65 0.00	62.99 -0.83 0.03	73.52 0.00 0.00	75.89 0.75 0.00	71.54 2.22 0.00	64.94 1.21 0.00	56.51 0.94 0.00	50.58 -0.20 0.00	47.79 -0.43 0.00
GELCKHM__115KV_LOAD 80723	40.99 -0.75 0.00	38.79 -0.59 0.00	35.29 -0.57 0.00	32.90 -0.50 0.00	31.38 -0.48 0.00	34.61 -0.46 0.00	38.45 -0.43 0.00	39.16 -0.52 0.00	36.93 -0.56 0.00	36.86 -0.56 0.00	39.17 -0.56 0.00	42.94 -0.61 0.00	45.70 -0.65 0.00	49.90 -0.61 -0.07	51.65 -0.57 0.00	53.34 -0.43 0.00	63.33 -0.51 0.02	73.22 -0.29 0.00	75.05 -0.23 -0.14	69.32 0.00 0.00	63.48 -0.25 0.00	55.40 -0.33 -0.17	50.23 -0.56 0.00	47.64 -0.63 -0.04
GENERAL___MILLS 23808	40.24 -1.50 0.00	38.08 -1.30 0.00	34.60 -1.26 0.00	32.30 -1.10 0.00	30.68 -1.18 0.00	34.02 -1.05 0.00	38.13 -0.74 0.00	39.24 -0.44 0.00	36.74 -0.75 0.00	36.52 -0.90 0.00	39.17 -0.56 0.00	42.77 -0.78 0.00	45.37 -0.97 0.00	49.98 -0.45 0.00	51.76 -0.47 0.00	52.91 -0.86 0.00	62.80 -1.02 0.03	73.30 -0.22 0.00	75.67 0.53 0.00	71.33 2.01 0.00	64.75 1.02 0.00	56.34 0.78 0.00	50.48 -0.30 0.00	47.69 -0.53 0.00
GE_PLASTICS___DRP 24183	42.16 0.42 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.70 0.30 0.00	32.18 0.32 0.00	35.35 0.28 0.00	39.03 0.16 0.00	39.84 0.16 0.00	37.72 0.22 0.00	37.61 0.19 0.00	39.88 0.16 0.00	43.68 0.13 0.00	46.53 0.19 0.00	50.64 0.20 0.00	52.49 0.26 0.00	54.15 0.38 0.00	64.50 0.64 0.00	74.55 1.03 0.00	76.19 1.05 0.00	70.02 0.69 0.00	64.18 0.45 0.00	55.78 0.22 0.00	51.04 0.25 0.00	48.46 0.24 0.00
GILBOA___1 23756	42.37 0.63 0.00	39.93 0.55 0.00	36.32 0.46 0.00	33.83 0.43 0.00	32.27 0.41 0.00	35.46 0.39 0.00	39.26 0.39 0.00	40.19 0.51 0.00	38.09 0.60 0.00	38.02 0.60 0.00	40.40 0.67 0.00	44.34 0.78 0.00	47.23 0.88 0.00	51.35 0.91 0.00	53.17 0.94 0.00	54.63 0.86 0.00	64.88 1.02 0.00	75.21 1.69 0.00	76.64 1.50 0.00	70.57 1.25 0.00	64.43 0.70 0.00	56.06 0.50 0.00	51.40 0.61 0.00	48.85 0.63 0.00
GILBOA___2 23757	42.37 0.63 0.00	39.93 0.55 0.00	36.32 0.46 0.00	33.83 0.43 0.00	32.27 0.41 0.00	35.46 0.39 0.00	39.26 0.39 0.00	40.19 0.51 0.00	38.09 0.60 0.00	38.02 0.60 0.00	40.40 0.67 0.00	44.34 0.78 0.00	47.23 0.88 0.00	51.35 0.91 0.00	53.17 0.94 0.00	54.63 0.86 0.00	64.88 1.02 0.00	75.21 1.69 0.00	76.64 1.50 0.00	70.57 1.25 0.00	64.43 0.70 0.00	56.06 0.50 0.00	51.40 0.61 0.00	48.85 0.63 0.00
GILBOA___3 23758	42.37 0.63 0.00	39.93 0.55 0.00	36.32 0.46 0.00	33.83 0.43 0.00	32.27 0.41 0.00	35.46 0.39 0.00	39.26 0.39 0.00	40.19 0.51 0.00	38.09 0.60 0.00	38.02 0.60 0.00	40.40 0.67 0.00	44.34 0.78 0.00	47.23 0.88 0.00	51.35 0.91 0.00	53.17 0.94 0.00	54.63 0.86 0.00	64.88 1.02 0.00	75.21 1.69 0.00	76.64 1.50 0.00	70.57 1.25 0.00	64.43 0.70 0.00	56.06 0.50 0.00	51.40 0.61 0.00	48.85 0.63 0.00

GILBOA____4 23759	42.37 0.63 0.00	39.93 0.55 0.00	36.32 0.46 0.00	33.83 0.43 0.00	32.27 0.41 0.00	35.46 0.39 0.00	39.26 0.39 0.00	40.19 0.51 0.00	38.09 0.60 0.00	38.02 0.60 0.00	40.40 0.67 0.00	44.34 0.78 0.00	47.23 0.88 0.00	51.35 0.91 0.00	53.17 0.94 0.00	54.63 0.86 0.00	64.88 1.02 0.00	75.21 1.69 0.00	76.64 1.50 0.00	70.57 1.25 0.00	64.43 0.70 0.00	56.06 0.50 0.00	51.40 0.61 0.00	48.85 0.63 0.00
GILBOA____ 23599	42.37 0.63 0.00	39.93 0.55 0.00	36.33 0.47 0.00	33.83 0.43 0.00	32.27 0.41 0.00	35.46 0.39 0.00	39.26 0.39 0.00	40.20 0.52 0.00	38.09 0.60 0.00	38.02 0.60 0.00	40.40 0.68 0.00	44.34 0.78 0.00	47.23 0.88 0.00	51.35 0.91 0.00	53.12 0.89 0.00	54.74 0.97 0.00	65.07 1.21 0.00	75.21 1.69 0.00	76.72 1.58 0.00	70.57 1.25 0.00	64.43 0.70 0.00	56.06 0.50 0.00	51.40 0.61 0.00	48.80 0.58 0.00
GINNA____ 23603	39.15 -2.59 0.00	36.94 -2.44 0.00	33.67 -2.19 0.00	31.40 -2.00 0.00	29.88 -1.98 0.00	33.11 -1.96 0.00	36.97 -1.90 0.00	37.89 -1.78 0.00	35.58 -1.91 0.00	35.55 -1.87 0.00	37.94 -1.79 0.00	41.55 -2.00 0.00	43.89 -2.46 0.00	48.07 -2.37 0.00	49.57 -2.66 0.00	51.09 -2.69 0.00	60.94 -2.87 0.04	70.80 -2.72 0.00	72.36 -2.78 0.00	67.52 -1.80 0.00	61.11 -2.62 0.00	53.28 -2.28 0.00	48.35 -2.44 0.00	45.67 -2.56 0.00
GLEN PARK____ 23778	43.74 2.00 0.00	41.11 1.73 0.00	37.54 1.69 0.00	35.17 1.77 0.00	33.64 1.78 0.00	37.32 2.25 0.00	41.24 2.37 0.00	41.86 2.18 0.00	38.92 1.42 0.00	38.62 1.20 0.00	40.68 0.95 0.00	44.34 0.78 0.00	47.14 0.79 0.00	51.60 1.01 -0.15	53.33 1.10 0.00	55.17 1.40 0.00	66.12 2.23 -0.03	77.26 3.75 0.00	80.26 4.81 -0.30	74.73 5.41 0.00	69.08 5.35 0.00	60.78 4.83 -0.39	54.80 4.01 0.00	51.88 3.57 -0.09
GLENDALE_27_KV_LOAD 356172	44.54 2.80 0.00	41.66 2.28 0.00	37.72 1.86 0.00	35.04 1.64 0.00	33.42 1.56 0.00	36.51 1.44 0.00	40.82 1.94 0.00	42.18 2.50 0.00	40.31 2.81 0.00	40.26 2.84 0.00	43.14 3.42 0.00	47.62 4.05 -0.02	50.80 4.45 0.00	54.78 4.34 0.00	56.46 4.23 0.00	57.32 3.55 0.00	68.20 4.34 0.00	79.26 5.74 0.00	80.25 5.11 0.00	73.41 4.09 0.00	66.20 2.48 0.01	57.39 1.83 0.00	53.68 2.89 0.00	51.21 2.99 0.00
GLENWOOD_IC_1_G5 23712	44.54 2.80 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.04 1.64 0.00	33.42 1.56 0.00	36.54 1.47 0.00	40.78 1.90 0.00	42.14 2.46 0.00	40.27 2.77 0.00	40.38 2.96 0.00	47.33 3.38 -4.23	48.84 3.96 -1.32	50.61 4.26 0.00	54.62 4.19 0.00	56.51 4.28 0.00	58.04 4.25 -0.02	68.73 4.85 -0.02	79.55 6.03 -0.01	80.27 5.41 0.27	73.48 4.16 0.00	66.15 2.42 0.00	57.95 2.39 0.00	53.43 2.64 0.00	50.92 2.70 0.00
GLENWOOD_IC_2_G1 23688	44.24 2.50 0.00	41.47 2.09 0.00	37.54 1.69 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.40 1.33 0.00	40.58 1.71 0.00	41.90 2.22 0.00	40.01 2.51 0.00	40.09 2.66 -0.01	47.01 3.06 -4.23	48.49 3.61 -1.32	50.29 3.94 -0.01	54.38 3.94 0.00	56.16 3.92 -0.01	57.34 3.55 -0.02	68.15 4.28 -0.02	79.32 5.81 0.00	80.32 5.18 0.00	73.48 4.16 0.00	66.21 2.48 0.00	57.56 2.00 0.00	53.13 2.34 0.00	50.82 2.60 0.00
GLENWOOD_IC_3_G1 23689	44.24 2.50 0.00	41.47 2.09 0.00	37.54 1.69 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.40 1.33 0.00	40.58 1.71 0.00	41.90 2.22 0.00	40.01 2.51 0.00	40.09 2.66 -0.01	47.01 3.06 -4.23	48.49 3.61 -1.32	50.29 3.94 -0.01	54.38 3.94 0.00	56.16 3.92 -0.01	57.34 3.55 -0.02	68.15 4.28 -0.02	79.32 5.81 0.00	80.32 5.18 0.00	73.48 4.16 0.00	66.21 2.48 0.00	57.56 2.00 0.00	53.13 2.34 0.00	50.82 2.60 0.00
GLENWOOD____4 23550	44.54 2.80 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.04 1.64 0.00	33.42 1.56 0.00	36.54 1.47 0.00	40.78 1.90 0.00	42.14 2.46 0.00	40.27 2.77 0.00	40.38 2.96 0.00	47.33 3.38 -4.23	48.84 3.96 -1.32	50.61 4.26 0.00	54.62 4.19 0.00	56.51 4.28 0.00	58.04 4.25 -0.02	68.86 4.98 -0.02	79.77 6.25 -0.01	80.42 5.56 0.27	73.69 4.37 0.00	66.28 2.55 0.00	57.95 2.39 0.00	53.43 2.64 0.00	50.92 2.70 0.00
GLENWOOD____5 23614	44.54 2.80 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.04 1.64 0.00	33.42 1.56 0.00	36.54 1.47 0.00	40.78 1.90 0.00	42.14 2.46 0.00	40.27 2.77 0.00	40.38 2.96 0.00	47.33 3.38 -4.23	48.84 3.96 -1.32	50.61 4.26 0.00	54.62 4.19 0.00	56.51 4.28 0.00	58.04 4.25 -0.02	68.86 4.98 -0.02	79.77 6.25 -0.01	80.42 5.56 0.27	73.69 4.37 0.00	66.28 2.55 0.00	57.95 2.39 0.00	53.43 2.64 0.00	50.92 2.70 0.00
GLOBAL GREEN_PORT_GT1 23814	60.72 4.80 -14.18	56.58 4.17 -13.03	51.90 3.48 -12.56	49.45 3.11 -12.94	47.11 3.03 -12.22	50.60 3.12 -12.41	50.49 3.73 -7.89	54.26 4.48 -10.10	56.79 4.87 -14.42	60.55 5.31 -17.81	60.78 5.80 -15.26	63.94 6.58 -13.81	81.98 7.04 -28.59	162.29 6.76 -105.09	173.72 7.16 -114.34	275.48 6.88 -214.83	366.12 5.55 -296.71	483.98 6.84 -403.62	355.85 6.23 -274.48	415.37 4.92 -341.13	283.09 4.34 -215.02	173.61 4.34 -113.72	87.63 4.01 -32.83	61.78 4.34 -9.21
GLOBE____DSASP 323697	39.78 -1.96 0.00	37.81 -1.58 0.00	34.39 -1.47 0.00	32.06 -1.34 0.00	30.49 -1.37 0.00	33.77 -1.30 0.00	37.86 -1.01 0.00	38.61 -1.07 0.00	35.66 -1.84 0.00	35.48 -1.95 0.00	38.02 -1.71 0.00	41.46 -2.09 0.00	43.98 -2.36 0.00	48.37 -2.07 0.00	50.04 -2.19 0.00	51.08 -2.69 0.00	60.50 -3.32 0.04	70.36 -3.16 0.00	72.43 -2.71 0.00	68.49 -0.83 0.00	62.07 -1.66 0.00	54.28 -1.28 0.00	48.96 -1.83 0.00	46.78 -1.45 0.00
GOETHSLN____LBMP 323567	43.99 2.25 0.00	41.19 1.81 0.00	37.29 1.43 0.00	34.64 1.24 0.00	33.07 1.21 0.00	36.16 1.09 0.00	40.43 1.55 0.00	41.86 2.18 0.00	39.89 2.40 0.00	39.89 2.47 0.00	42.70 2.98 0.00	47.14 3.57 -0.02	50.15 3.80 0.00	54.27 3.83 0.00	55.57 3.34 0.00	56.82 3.12 0.07	67.13 4.02 0.75	78.02 5.15 0.65	78.96 4.51 0.69	72.14 3.54 0.72	62.73 1.85 2.84	55.56 1.06 1.06	52.82 2.03 0.00	50.44 2.22 0.00
GOLAH____69_KV_TB 1_2 80279	41.20 -0.54 0.00	38.87 -0.51 0.00	35.39 -0.47 0.00	32.97 -0.43 0.00	31.35 -0.51 0.00	34.79 -0.28 0.00	38.91 0.04 0.00	39.96 0.28 0.00	37.38 -0.11 0.00	37.27 -0.15 0.00	39.84 0.12 0.00	43.68 0.13 0.00	46.30 -0.05 0.00	50.79 0.35 0.00	52.54 0.31 0.00	53.88 0.11 0.00	63.95 0.13 0.04	74.47 0.96 0.00	76.72 1.58 0.00	71.96 2.63 0.00	65.51 1.78 0.00	57.06 1.50 0.00	51.40 0.61 0.00	48.61 0.39 0.00
GOODYEAR_LAKE_HYD 323669	42.74 1.00 0.00	40.25 0.87 0.00	36.65 0.79 0.00	34.13 0.73 0.00	32.59 0.73 0.00	35.91 0.84 0.00	39.85 0.97 0.00	40.67 0.99 0.00	38.32 0.82 0.00	38.21 0.79 0.00	40.60 0.87 0.00	44.56 1.00 0.00	47.46 1.11 0.00	51.80 1.36 0.00	53.69 1.46 0.00	55.33 1.56 0.00	66.09 2.24 0.00	76.68 3.16 0.00	78.52 3.38 0.00	72.51 3.19 0.00	66.22 2.49 0.00	57.45 1.89 0.00	52.46 1.68 0.00	49.77 1.54 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	41.32 -0.42 0.00	39.07 -0.32 0.00	35.50 -0.36 0.00	33.10 -0.30 0.00	31.54 -0.32 0.00	34.82 -0.25 0.00	38.72 -0.16 0.00	39.60 -0.08 0.00	37.31 -0.19 0.00	37.16 -0.26 0.00	39.61 -0.12 0.00	43.42 -0.13 0.00	46.21 -0.14 0.00	50.58 0.10 -0.04	52.44 0.21 0.00	54.15 0.38 0.00	64.42 0.57 0.01	74.77 1.25 0.00	76.73 1.50 -0.09	71.06 1.73 0.00	64.75 1.02 0.00	56.28 0.61 -0.11	50.94 0.15 0.00	48.39 0.14 -0.03
GOUDEY___7 23579	41.32 -0.42 0.00	39.07 -0.32 0.00	35.50 -0.36 0.00	33.10 -0.30 0.00	31.54 -0.32 0.00	34.82 -0.25 0.00	38.72 -0.16 0.00	39.60 -0.08 0.00	37.31 -0.19 0.00	37.16 -0.26 0.00	39.61 -0.12 0.00	43.42 -0.13 0.00	46.21 -0.14 0.00	50.58 0.10 -0.04	52.44 0.21 0.00	54.15 0.38 0.00	64.42 0.57 0.01	74.77 1.25 0.00	76.73 1.50 -0.09	71.06 1.73 0.00	64.75 1.02 0.00	56.28 0.61 -0.11	50.94 0.15 0.00	48.39 0.14 -0.03
GOUDEY___8 23580	41.32 -0.42 0.00	39.07 -0.32 0.00	35.50 -0.36 0.00	33.10 -0.30 0.00	31.54 -0.32 0.00	34.82 -0.25 0.00	38.72 -0.16 0.00	39.60 -0.08 0.00	37.31 -0.19 0.00	37.16 -0.26 0.00	39.61 -0.12 0.00	43.42 -0.13 0.00	46.21 -0.14 0.00	50.58 0.10 -0.04	52.44 0.21 0.00	54.15 0.38 0.00	64.42 0.57 0.01	74.77 1.25 0.00	76.73 1.50 -0.09	71.06 1.73 0.00	64.75 1.02 0.00	56.28 0.61 -0.11	50.94 0.15 0.00	48.39 0.14 -0.03
GOWANUS_GT1_1 24077	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.12 2.89 -0.01
GOWANUS_GT1_2 24078	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.12 2.89 -0.01
GOWANUS_GT1_3 24079	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.12 2.89 -0.01
GOWANUS_GT1_4 24080	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.12 2.89 -0.01
GOWANUS_GT1_5 24084	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.12 2.89 -0.01
GOWANUS_GT1_6 24111	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.12 2.89 -0.01
GOWANUS_GT1_7 24112	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.12 2.89 -0.01
GOWANUS_GT1_8 24113	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.12 2.89 -0.01
GOWANUS_GT2_1 24114	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
GOWANUS_GT2_2 24115	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
GOWANUS_GT2_3 24116	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
GOWANUS_GT2_4 24117	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01

GOWANUS_GT2_5 24118	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
GOWANUS_GT2_6 24119	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
GOWANUS_GT2_7 24120	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
GOWANUS_GT2_8 24121	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
GOWANUS_GT3_1 24122	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.70 4.36 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.22 2.99 -0.01
GOWANUS_GT3_2 24123	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.70 4.36 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.22 2.99 -0.01
GOWANUS_GT3_3 24124	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.70 4.36 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.22 2.99 -0.01
GOWANUS_GT3_4 24125	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.70 4.36 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.22 2.99 -0.01
GOWANUS_GT3_5 24126	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.70 4.36 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.22 2.99 -0.01
GOWANUS_GT3_6 24127	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.70 4.36 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.22 2.99 -0.01
GOWANUS_GT3_7 24128	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.70 4.36 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.22 2.99 -0.01
GOWANUS_GT3_8 24129	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.70 4.36 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.22 2.99 -0.01
GOWANUS_GT4_1 24130	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.17 2.94 -0.01
GOWANUS_GT4_2 24131	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.17 2.94 -0.01
GOWANUS_GT4_3 24132	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.17 2.94 -0.01

GOWANUS_GT4_4 24133	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.17 2.94 -0.01
GOWANUS_GT4_5 24134	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.17 2.94 -0.01
GOWANUS_GT4_6 24135	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.17 2.94 -0.01
GOWANUS_GT4_7 24136	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.17 2.94 -0.01
GOWANUS_GT4_8 24137	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.70 1.98 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.17 2.94 -0.01
GREENBSH_115KV_TB3 55895	42.03 0.29 0.00	39.66 0.28 0.00	36.15 0.29 0.00	33.63 0.23 0.00	32.11 0.25 0.00	35.28 0.21 0.00	38.91 0.04 0.00	39.72 0.04 0.00	37.61 0.11 0.00	37.46 0.04 0.00	39.73 0.00 0.00	43.42 -0.13 0.00	46.30 -0.05 0.00	50.39 -0.05 0.00	52.28 0.05 0.00	53.99 0.22 0.00	64.30 0.45 0.00	74.33 0.81 0.00	75.97 0.83 0.00	69.81 0.49 0.00	64.05 0.32 0.00	55.62 0.06 0.00	50.89 0.10 0.00	48.27 0.05 0.00
GREENDGE_115KV_TB5 80291	41.28 -0.46 0.00	39.03 -0.35 0.00	35.43 -0.43 0.00	33.03 -0.37 0.00	31.45 -0.41 0.00	34.86 -0.21 0.00	38.87 0.00 0.00	39.68 0.00 0.00	37.23 -0.26 0.00	36.97 -0.45 0.00	39.41 -0.32 0.00	43.21 -0.35 0.00	45.88 -0.46 0.00	50.17 -0.30 -0.03	51.86 -0.37 0.00	53.45 -0.32 0.00	62.81 -1.02 0.02	73.22 -0.29 0.00	75.51 0.30 -0.07	70.36 1.04 0.00	64.11 0.38 0.00	56.48 0.83 -0.09	50.79 0.00 0.00	48.48 0.24 -0.02
GREENIDGE___3 23582	41.28 -0.46 0.00	39.03 -0.35 0.00	35.43 -0.43 0.00	33.03 -0.37 0.00	31.45 -0.41 0.00	34.86 -0.21 0.00	38.87 0.00 0.00	39.68 0.00 0.00	37.23 -0.26 0.00	36.97 -0.45 0.00	39.41 -0.32 0.00	43.21 -0.35 0.00	45.88 -0.46 0.00	50.17 -0.30 -0.03	51.86 -0.37 0.00	53.45 -0.32 0.00	62.81 -1.02 0.02	73.22 -0.29 0.00	75.51 0.30 -0.07	70.36 1.04 0.00	64.11 0.38 0.00	56.48 0.83 -0.09	50.79 0.00 0.00	48.48 0.24 -0.02
GREENIDGE___4 23583	41.28 -0.46 0.00	39.03 -0.36 0.00	35.43 -0.43 0.00	33.03 -0.37 0.00	31.44 -0.42 0.00	34.86 -0.21 0.00	38.87 0.00 0.00	39.68 0.00 0.00	37.23 -0.26 0.00	36.97 -0.45 0.00	39.41 -0.32 0.00	43.20 -0.35 0.00	45.74 -0.60 -0.03	49.81 -0.66 0.00	51.60 -0.62 0.00	53.23 -0.54 0.00	62.49 -1.34 0.02	73.01 -0.51 0.00	75.28 0.08 -0.07	70.09 0.76 0.00	63.60 -0.13 0.00	55.65 0.00 -0.09	50.64 -0.15 0.00	48.34 0.10 -0.02
GREENLWN_69_KV_BK 3 55738	41.56 3.13 3.31	38.86 2.52 3.04	34.90 1.97 2.93	32.08 1.70 3.02	30.66 1.66 2.85	33.72 1.54 2.90	38.98 1.94 1.84	39.90 2.58 2.36	37.09 2.96 3.37	36.56 3.29 4.16	44.87 3.50 -1.65	45.97 4.01 1.59	43.57 3.89 6.67	29.28 3.38 24.54	29.45 3.92 26.70	7.45 3.82 50.14	-1.45 3.96 69.26	-15.66 5.07 94.25	12.35 3.83 66.62	-7.49 2.84 79.66	14.48 0.96 50.21	30.67 1.67 26.55	44.90 1.78 7.67	48.19 2.12 2.15
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.10 2.42 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.09 4.96 0.00	73.27 3.95 0.00	65.76 2.04 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.17 2.94 -0.01
GRISSOM___SOLAR 323813	43.49 1.75 0.00	41.00 1.62 0.00	37.29 1.44 0.00	34.70 1.30 0.00	33.17 1.31 0.00	36.54 1.47 0.00	40.43 1.56 0.00	40.75 1.07 0.00	37.91 0.41 0.00	37.42 0.00 0.00	39.53 -0.20 0.00	43.29 -0.26 0.00	46.21 -0.14 0.00	50.54 0.10 0.00	52.49 0.26 0.00	54.31 0.54 0.00	64.88 1.02 0.00	75.94 2.42 0.00	78.97 3.83 0.00	73.41 4.09 0.00	67.42 3.69 0.00	58.50 2.94 0.00	53.38 2.59 0.00	50.58 2.36 0.00
GROVEVILLE___HYD 323602	43.87 2.13 0.00	41.19 1.81 0.00	37.44 1.58 0.00	34.74 1.34 0.00	33.13 1.27 0.00	36.26 1.19 0.00	40.35 1.48 0.00	41.46 1.79 0.00	39.44 1.95 0.00	39.37 1.95 0.00	41.95 2.22 0.00	46.25 2.70 0.00	49.31 2.97 0.00	53.57 3.13 0.00	55.36 3.13 0.00	57.11 3.33 0.00	68.26 4.41 0.00	79.03 5.51 0.00	80.17 5.03 0.00	73.55 4.23 0.00	66.66 2.93 0.00	57.62 2.06 0.00	53.07 2.29 0.00	50.49 2.27 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.28 -0.46 0.00	39.07 -0.32 0.00	35.54 -0.32 0.00	33.13 -0.27 0.00	31.60 -0.25 0.00	34.89 -0.18 0.00	38.72 -0.16 0.00	39.40 -0.28 0.00	37.19 -0.30 0.00	37.08 -0.34 0.00	39.41 -0.32 0.00	43.21 -0.35 0.00	45.98 -0.37 0.00	50.25 -0.30 -0.11	52.02 -0.21 0.00	53.72 -0.05 0.00	63.86 0.00 0.00	73.81 0.29 0.00	75.82 0.45 -0.23	69.95 0.62 0.00	63.98 0.25 0.00	55.96 0.11 -0.29	50.58 -0.20 0.00	48.05 -0.24 -0.07
HAMLTNNY_34_KV_TB 80303	41.36 -0.38 0.00	39.14 -0.24 0.00	35.61 -0.25 0.00	33.20 -0.20 0.00	31.67 -0.19 0.00	34.96 -0.11 0.00	38.83 -0.04 0.00	39.56 -0.12 0.00	37.27 -0.22 0.00	37.16 -0.26 0.00	39.53 -0.20 0.00	43.34 -0.22 0.00	46.07 -0.28 0.00	50.45 -0.10 -0.11	52.23 0.00 0.00	53.88 0.11 0.00	64.05 0.19 0.00	74.11 0.59 0.00	76.19 0.83 -0.23	70.36 1.04 0.00	64.37 0.64 0.00	56.30 0.44 -0.29	50.84 0.05 0.00	48.29 0.00 -0.07

HAMPSHIRE___PAPER_HYD 323593	42.24 0.50 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.83 0.43 0.00	32.24 0.38 0.00	35.67 0.60 0.00	39.49 0.62 0.00	40.19 0.51 0.00	37.68 0.19 0.00	37.53 0.11 0.00	39.69 -0.04 0.00	43.42 -0.13 0.00	46.07 -0.28 0.00	50.08 -0.41 -0.05	51.60 -0.62 0.00	52.97 -0.81 0.00	62.84 -1.02 -0.01	72.42 -1.10 0.00	74.63 -0.60 -0.09	69.12 -0.21 0.00	64.11 0.38 0.00	56.51 0.83 -0.12	51.55 0.76 0.00	49.12 0.87 -0.03
HARDSCRABBLE_WT_PWR 323673	42.11 0.37 0.00	39.69 0.31 0.00	36.18 0.32 0.00	33.73 0.33 0.00	32.18 0.32 0.00	35.46 0.39 0.00	39.30 0.43 0.00	40.08 0.40 0.00	37.83 0.34 0.00	37.72 0.30 0.00	40.01 0.28 0.00	43.86 0.31 0.00	46.67 0.33 0.00	50.74 0.30 0.00	52.54 0.32 0.00	54.04 0.27 0.00	64.24 0.39 0.00	74.18 0.66 0.00	75.81 0.67 0.00	69.94 0.62 0.00	64.18 0.45 0.00	56.00 0.44 0.00	51.19 0.40 0.00	48.61 0.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.58 1.84 0.00	40.92 1.54 0.00	37.19 1.33 0.00	34.50 1.10 0.00	32.91 1.05 0.00	36.05 0.98 0.00	40.12 1.24 0.00	41.31 1.63 0.00	39.29 1.80 0.00	39.25 1.83 0.00	41.87 2.15 0.00	46.17 2.61 0.00	49.22 2.87 0.00	53.46 3.03 0.00	55.26 3.03 0.00	56.89 3.12 0.00	68.07 4.21 0.00	78.88 5.37 0.00	80.02 4.88 0.00	73.34 4.02 0.00	66.28 2.55 0.00	57.17 1.61 0.00	52.67 1.88 0.00	50.15 1.93 0.00
HARSNRAD_115KV_TB1 81005	39.53 -2.21 0.00	37.41 -1.97 0.00	34.03 -1.83 0.00	31.76 -1.64 0.00	30.17 -1.69 0.00	33.46 -1.61 0.00	37.51 -1.36 0.00	38.61 -1.07 0.00	36.03 -1.46 0.00	35.85 -1.57 0.00	38.41 -1.31 0.00	41.90 -1.66 0.00	44.45 -1.90 0.00	48.93 -1.51 0.00	50.61 -1.62 0.00	51.73 -2.04 0.00	61.39 -2.43 0.04	71.53 -1.98 0.00	73.86 -1.28 0.00	69.74 0.42 0.00	63.54 -0.19 0.00	55.45 -0.11 0.00	49.77 -1.02 0.00	47.07 -1.16 0.00
HARZA MOOSE___RIVER 24016	42.70 0.96 0.00	40.21 0.83 0.00	36.65 0.79 0.00	34.20 0.80 0.00	32.66 0.80 0.00	36.12 1.05 0.00	40.00 1.13 0.00	40.71 1.03 0.00	38.17 0.67 0.00	37.98 0.56 0.00	40.16 0.44 0.00	43.90 0.35 0.00	46.72 0.37 0.00	50.89 0.40 -0.05	52.75 0.52 0.00	54.42 0.65 0.00	65.13 1.28 0.00	75.58 2.06 0.00	77.79 2.55 -0.10	72.03 2.70 0.00	66.34 2.61 0.00	57.96 2.28 -0.13	52.67 1.88 0.00	49.99 1.74 -0.03
HDSNBRDG_115KV_BRDG_TB1 355580	40.99 -0.75 0.00	38.79 -0.59 0.00	35.32 -0.54 0.00	32.90 -0.50 0.00	31.41 -0.45 0.00	34.65 -0.42 0.00	38.48 -0.39 0.00	39.20 -0.48 0.00	36.97 -0.52 0.00	36.90 -0.52 0.00	39.25 -0.48 0.00	43.03 -0.52 0.00	45.75 -0.60 0.00	49.99 -0.50 -0.06	51.81 -0.42 0.00	53.45 -0.32 0.00	63.46 -0.38 0.02	73.37 -0.15 0.00	75.18 -0.08 -0.12	69.46 0.14 0.00	63.54 -0.19 0.00	55.43 -0.28 -0.15	50.28 -0.51 0.00	47.68 -0.58 -0.04
HELLGATE_13_KV_LD 55870	44.54 2.80 0.00	41.66 2.28 0.00	37.72 1.86 0.00	35.04 1.64 0.00	33.42 1.56 0.00	36.47 1.40 0.00	40.78 1.90 0.00	42.18 2.50 0.00	40.23 2.74 0.00	40.23 2.81 0.00	43.14 3.42 0.00	47.58 4.01 -0.02	50.66 4.31 0.00	54.78 4.34 0.00	56.15 3.92 0.00	57.48 3.71 0.00	68.46 4.60 0.00	79.25 5.73 0.00	80.24 5.11 0.00	73.48 4.16 0.00	66.02 2.29 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.12 2.89 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.54 2.80 0.00	41.66 2.28 0.00	37.72 1.86 0.00	35.04 1.64 0.00	33.42 1.56 0.00	36.47 1.40 0.00	40.78 1.90 0.00	42.18 2.50 0.00	40.23 2.74 0.00	40.23 2.81 0.00	43.14 3.42 0.00	47.58 4.01 -0.02	50.66 4.31 0.00	54.78 4.34 0.00	56.15 3.92 0.00	57.48 3.71 0.00	68.46 4.60 0.00	79.25 5.73 0.00	80.24 5.11 0.00	73.48 4.16 0.00	66.02 2.29 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.12 2.89 0.00
HEMPSTEAD____ 23647	44.54 2.80 0.00	41.62 2.24 0.00	37.65 1.79 0.00	34.94 1.54 0.00	33.33 1.47 0.00	36.44 1.37 0.00	40.62 1.75 0.00	41.98 2.30 0.00	40.20 2.70 0.00	40.38 2.96 -0.01	47.21 3.26 -4.23	48.71 3.83 -1.32	50.53 4.17 -0.01	54.42 3.98 0.00	56.42 4.18 -0.01	57.55 3.76 -0.02	68.15 4.28 -0.02	79.48 5.95 -0.01	80.15 5.26 0.25	73.27 3.95 0.00	65.96 2.23 0.00	57.73 2.16 0.00	53.18 2.39 0.00	51.02 2.80 0.00
HICKLING___1 23621	41.24 -0.50 0.00	38.99 -0.39 0.00	35.43 -0.43 0.00	33.00 -0.40 0.00	31.38 -0.48 0.00	34.79 -0.28 0.00	38.76 -0.12 0.00	39.64 -0.04 0.00	37.23 -0.26 0.00	37.05 -0.37 0.00	39.57 -0.16 0.00	43.38 -0.17 0.00	46.07 -0.28 0.00	50.62 0.15 -0.03	52.54 0.31 0.00	54.10 0.32 0.00	64.22 0.38 0.02	74.91 1.40 0.00	77.16 1.95 -0.07	71.96 2.63 0.00	65.32 1.59 0.00	56.81 1.17 -0.08	51.04 0.25 0.00	48.44 0.19 -0.02
HICKLING___2 23622	41.24 -0.50 0.00	38.99 -0.39 0.00	35.43 -0.43 0.00	33.00 -0.40 0.00	31.38 -0.48 0.00	34.79 -0.28 0.00	38.76 -0.12 0.00	39.64 -0.04 0.00	37.23 -0.26 0.00	37.05 -0.37 0.00	39.57 -0.16 0.00	43.38 -0.17 0.00	46.07 -0.28 0.00	50.62 0.15 -0.03	52.54 0.31 0.00	54.10 0.32 0.00	64.22 0.38 0.02	74.91 1.40 0.00	77.16 1.95 -0.07	71.96 2.63 0.00	65.32 1.59 0.00	56.81 1.17 -0.08	51.04 0.25 0.00	48.44 0.19 -0.02
HIGH FALLS___HY 23754	43.91 2.17 0.00	41.19 1.81 0.00	37.44 1.58 0.00	34.74 1.34 0.00	33.10 1.24 0.00	36.26 1.19 0.00	40.35 1.48 0.00	41.46 1.79 0.00	39.44 1.95 0.00	39.37 1.95 0.00	41.99 2.26 0.00	46.34 2.79 0.00	49.41 3.06 0.00	53.67 3.23 0.00	55.52 3.29 0.00	57.21 3.44 0.00	68.65 4.79 0.00	79.62 6.10 0.00	80.85 5.71 0.00	74.24 4.92 0.00	67.11 3.38 0.00	57.89 2.33 0.00	53.23 2.44 0.00	50.63 2.41 0.00
HIGH_RIVER___SOLAR 323847	42.99 1.25 0.00	40.52 1.14 0.00	36.90 1.04 0.00	34.33 0.93 0.00	32.78 0.92 0.00	36.09 1.02 0.00	39.88 1.01 0.00	40.59 0.91 0.00	37.95 0.45 0.00	37.61 0.19 0.00	39.84 0.12 0.00	43.64 0.09 0.00	46.58 0.23 0.00	50.74 0.30 0.00	52.54 0.32 0.00	54.20 0.43 0.00	64.75 0.89 0.00	75.50 1.99 0.00	77.92 2.78 0.00	72.10 2.78 0.00	66.15 2.42 0.00	57.45 1.89 0.00	52.52 1.73 0.00	49.81 1.59 0.00
HILLBURN___GT 23639	43.57 1.83 0.00	40.91 1.53 0.00	37.11 1.25 0.00	34.50 1.10 0.00	32.91 1.05 0.00	36.05 0.98 0.00	40.15 1.28 0.00	41.35 1.67 0.00	39.41 1.91 0.00	39.40 1.98 0.00	42.07 2.34 0.00	46.34 2.79 0.00	49.45 3.11 0.00	53.62 3.18 0.00	55.42 3.19 0.00	56.67 2.90 0.00	67.62 3.77 0.00	78.59 5.07 0.00	79.65 4.51 0.00	72.99 3.67 0.00	65.96 2.23 0.00	57.00 1.44 0.00	52.56 1.78 0.00	50.15 1.93 0.00
HILLSIDE_115KV_TB1 80332	40.78 -0.96 0.00	38.55 -0.83 0.00	35.00 -0.86 0.00	32.63 -0.77 0.00	31.06 -0.80 0.00	34.37 -0.70 0.00	38.29 -0.58 0.00	39.12 -0.56 0.00	36.78 -0.71 0.00	36.60 -0.82 0.00	39.09 -0.64 0.00	42.86 -0.70 0.00	45.56 -0.79 0.00	50.07 -0.40 -0.03	51.92 -0.31 0.00	53.40 -0.38 0.00	63.39 -0.45 0.02	73.89 0.37 0.00	76.04 0.83 -0.07	70.78 1.46 0.00	64.24 0.51 0.00	55.82 0.17 -0.09	50.23 -0.56 0.00	47.66 -0.58 -0.02

HISHELDN_WT_PWR 323625	40.24 -1.50 0.00	38.08 -1.30 0.00	34.60 -1.26 0.00	32.26 -1.14 0.00	30.65 -1.21 0.00	33.95 -1.12 0.00	38.02 -0.86 0.00	39.04 -0.64 0.00	36.48 -1.01 0.00	36.22 -1.20 0.00	38.77 -0.95 0.00	42.33 -1.22 0.00	44.59 -1.76 0.00	49.08 -1.36 0.00	50.56 -1.67 0.00	52.05 -1.72 0.00	61.65 -2.17 0.03	72.34 -1.18 0.00	74.62 -0.52 0.00	70.36 1.04 0.00	63.35 -0.38 0.00	55.34 -0.22 0.00	50.03 -0.76 0.00	47.36 -0.87 0.00
HOLTSVILLE_IC_1 23690	59.09 3.46 -13.88	54.97 2.84 -12.75	50.45 2.30 -12.30	48.07 2.00 -12.67	45.77 1.94 -11.96	49.07 1.86 -12.14	48.88 2.29 -7.72	52.42 2.86 -9.89	54.87 3.26 -14.12	58.41 3.56 -17.43	58.52 3.78 -15.02	61.41 4.31 -13.54	78.83 4.49 -27.98	157.43 4.14 -102.85	168.41 4.28 -111.90	267.90 3.87 -210.25	358.08 3.83 -290.39	474.20 5.66 -395.03	348.58 4.74 -268.70	406.86 3.67 -333.87	276.02 1.85 -210.44	169.08 2.22 -111.29	85.41 2.49 -32.13	60.42 3.18 -9.02
HOLTSVILLE_IC_10 23699	60.47 3.71 -15.01	56.25 3.07 -13.79	51.67 2.51 -13.30	49.27 2.17 -13.70	46.90 2.10 -12.94	50.23 2.03 -13.13	49.71 2.49 -8.35	53.47 3.10 -10.69	56.25 3.49 -15.27	60.09 3.82 -18.85	59.68 4.05 -15.90	62.70 4.61 -14.53	81.48 4.87 -30.26	166.16 4.49 -111.23	177.95 4.70 -121.02	285.46 4.30 -227.38	382.31 4.40 -314.05	507.05 6.32 -427.21	370.86 5.41 -290.30	434.62 4.23 -361.07	293.68 2.36 -227.59	178.59 2.67 -120.36	88.38 2.84 -34.75	61.49 3.52 -9.75
HOLTSVILLE_IC_2 23691	59.09 3.46 -13.88	54.97 2.84 -12.75	50.45 2.30 -12.30	48.07 2.00 -12.67	45.77 1.94 -11.96	49.07 1.86 -12.14	48.88 2.29 -7.72	52.42 2.86 -9.89	54.87 3.26 -14.12	58.41 3.56 -17.43	58.52 3.78 -15.02	61.41 4.31 -13.54	78.83 4.49 -27.98	157.43 4.14 -102.85	168.41 4.28 -111.90	267.90 3.87 -210.25	358.08 3.83 -290.39	474.20 5.66 -395.03	348.58 4.74 -268.70	406.86 3.67 -333.87	276.02 1.85 -210.44	169.08 2.22 -111.29	85.41 2.49 -32.13	60.42 3.18 -9.02
HOLTSVILLE_IC_3 23692	59.09 3.46 -13.88	54.97 2.84 -12.75	50.45 2.30 -12.30	48.07 2.00 -12.67	45.77 1.94 -11.96	49.07 1.86 -12.14	48.88 2.29 -7.72	52.42 2.86 -9.89	54.87 3.26 -14.12	58.41 3.56 -17.43	58.52 3.78 -15.02	61.41 4.31 -13.54	78.83 4.49 -27.98	157.43 4.14 -102.85	168.41 4.28 -111.90	267.90 3.87 -210.25	358.08 3.83 -290.39	474.20 5.66 -395.03	348.58 4.74 -268.70	406.86 3.67 -333.87	276.02 1.85 -210.44	169.08 2.22 -111.29	85.41 2.49 -32.13	60.42 3.18 -9.02
HOLTSVILLE_IC_4 23693	59.09 3.46 -13.88	54.97 2.84 -12.75	50.45 2.30 -12.30	48.07 2.00 -12.67	45.77 1.94 -11.96	49.07 1.86 -12.14	48.88 2.29 -7.72	52.42 2.86 -9.89	54.87 3.26 -14.12	58.41 3.56 -17.43	58.52 3.78 -15.02	61.41 4.31 -13.54	78.83 4.49 -27.98	157.43 4.14 -102.85	168.41 4.28 -111.90	267.90 3.87 -210.25	358.08 3.83 -290.39	474.20 5.66 -395.03	348.58 4.74 -268.70	406.86 3.67 -333.87	276.02 1.85 -210.44	169.08 2.22 -111.29	85.41 2.49 -32.13	60.42 3.18 -9.02
HOLTSVILLE_IC_5 23694	59.09 3.46 -13.88	54.97 2.84 -12.75	50.45 2.30 -12.30	48.07 2.00 -12.67	45.77 1.94 -11.96	49.07 1.86 -12.14	48.88 2.29 -7.72	52.42 2.86 -9.89	54.87 3.26 -14.12	58.41 3.56 -17.43	58.52 3.78 -15.02	61.41 4.31 -13.54	78.83 4.49 -27.98	157.43 4.14 -102.85	168.41 4.28 -111.90	267.90 3.87 -210.25	358.08 3.83 -290.39	474.20 5.66 -395.03	348.58 4.74 -268.70	406.86 3.67 -333.87	276.02 1.85 -210.44	169.08 2.22 -111.29	85.41 2.49 -32.13	60.42 3.18 -9.02
HOLTSVILLE_IC_6 23695	60.47 3.71 -15.01	56.25 3.07 -13.79	51.67 2.51 -13.30	49.27 2.17 -13.70	46.90 2.10 -12.94	50.23 2.03 -13.13	49.71 2.49 -8.35	53.47 3.10 -10.69	56.25 3.49 -15.27	60.09 3.82 -18.85	59.68 4.05 -15.90	62.70 4.61 -14.53	81.48 4.87 -30.26	166.16 4.49 -111.23	177.95 4.70 -121.02	285.46 4.30 -227.38	382.31 4.40 -314.05	507.05 6.32 -427.21	370.86 5.41 -290.30	434.62 4.23 -361.07	293.68 2.36 -227.59	178.59 2.67 -120.36	88.38 2.84 -34.75	61.49 3.52 -9.75
HOLTSVILLE_IC_7 23696	60.47 3.71 -15.01	56.25 3.07 -13.79	51.67 2.51 -13.30	49.27 2.17 -13.70	46.90 2.10 -12.94	50.23 2.03 -13.13	49.71 2.49 -8.35	53.47 3.10 -10.69	56.25 3.49 -15.27	60.09 3.82 -18.85	59.68 4.05 -15.90	62.70 4.61 -14.53	81.48 4.87 -30.26	166.16 4.49 -111.23	177.95 4.70 -121.02	285.46 4.30 -227.38	382.31 4.40 -314.05	507.05 6.32 -427.21	370.86 5.41 -290.30	434.62 4.23 -361.07	293.68 2.36 -227.59	178.59 2.67 -120.36	88.38 2.84 -34.75	61.49 3.52 -9.75
HOLTSVILLE_IC_8 23697	60.47 3.71 -15.01	56.25 3.07 -13.79	51.67 2.51 -13.30	49.27 2.17 -13.70	46.90 2.10 -12.94	50.23 2.03 -13.13	49.71 2.49 -8.35	53.47 3.10 -10.69	56.25 3.49 -15.27	60.09 3.82 -18.85	59.68 4.05 -15.90	62.70 4.61 -14.53	81.48 4.87 -30.26	166.16 4.49 -111.23	177.95 4.70 -121.02	285.46 4.30 -227.38	382.31 4.40 -314.05	507.05 6.32 -427.21	370.86 5.41 -290.30	434.62 4.23 -361.07	293.68 2.36 -227.59	178.59 2.67 -120.36	88.38 2.84 -34.75	61.49 3.52 -9.75
HOLTSVILLE_IC_9 23698	60.47 3.71 -15.01	56.25 3.07 -13.79	51.67 2.51 -13.30	49.27 2.17 -13.70	46.90 2.10 -12.94	50.23 2.03 -13.13	49.71 2.49 -8.35	53.47 3.10 -10.69	56.25 3.49 -15.27	60.09 3.82 -18.85	59.68 4.05 -15.90	62.70 4.61 -14.53	81.48 4.87 -30.26	166.16 4.49 -111.23	177.95 4.70 -121.02	285.46 4.30 -227.38	382.31 4.40 -314.05	507.05 6.32 -427.21	370.86 5.41 -290.30	434.62 4.23 -361.07	293.68 2.36 -227.59	178.59 2.67 -120.36	88.38 2.84 -34.75	61.49 3.52 -9.75
HOMER_HL_115KV_TB2 355744	40.15 -1.59 0.00	37.96 -1.42 0.00	34.50 -1.36 0.00	32.16 -1.24 0.00	30.58 -1.27 0.00	33.88 -1.19 0.00	37.98 -0.89 0.00	39.08 -0.60 0.00	36.67 -0.82 0.00	36.45 -0.97 0.00	39.13 -0.60 0.00	42.73 -0.83 0.00	45.37 -0.97 0.00	50.14 -0.30 0.00	51.97 -0.26 0.00	53.34 -0.43 0.00	63.12 -0.70 0.03	74.25 0.74 0.00	76.72 1.58 0.00	72.10 2.77 0.00	65.26 1.53 0.00	56.45 0.89 0.00	50.38 -0.41 0.00	47.60 -0.63 0.00
HOWARD_WT_PWR 323690	41.28 -0.46 0.00	39.03 -0.36 0.00	35.36 -0.50 0.00	32.96 -0.44 0.00	31.32 -0.54 0.00	34.72 -0.35 0.00	38.80 -0.08 0.00	39.64 -0.04 0.00	37.05 -0.45 0.00	36.71 -0.71 0.00	39.17 -0.56 0.00	42.81 -0.74 0.00	45.14 -1.21 0.00	49.55 -0.91 -0.02	51.34 -0.89 0.00	52.97 -0.81 0.00	62.62 -1.22 0.02	73.74 0.22 0.00	76.54 1.35 -0.05	72.02 2.70 0.00	65.20 1.47 0.00	56.84 1.22 -0.06	51.30 0.51 0.00	48.62 0.38 -0.01
HQ_GEN_CEDARS 23644	42.07 0.33 0.00	39.58 0.20 0.00	36.07 0.22 0.00	33.67 0.27 0.00	32.05 0.19 0.00	35.39 0.32 0.00	39.18 0.31 0.00	39.92 0.24 0.00	37.61 0.11 0.00	37.57 0.15 0.00	39.80 0.08 0.00	43.64 0.09 0.00	46.30 -0.05 0.00	50.29 -0.15 0.00	51.92 -0.31 0.00	53.02 -0.75 0.00	62.84 -1.02 0.00	71.97 -1.54 0.00	73.71 -1.43 0.00	68.14 -1.18 0.00	63.22 -0.51 0.00	55.73 0.17 0.00	50.99 0.20 0.00	48.56 0.34 0.00
HQ_GEN_CEDARS_PROXY 323590	42.07 0.33 0.00	39.58 0.20 0.00	36.08 0.22 0.00	33.67 0.27 0.00	32.05 0.19 0.00	35.38 0.31 0.00	39.18 0.31 0.00	39.92 0.24 0.00	37.61 0.11 0.00	37.57 0.15 0.00	39.80 0.08 0.00	43.64 0.09 0.00	45.68 -0.05 0.62	50.91 -0.15 -0.62	52.02 -0.21 0.00	53.40 -0.37 0.00	63.09 -0.76 0.00	72.12 -1.40 0.00	73.93 -1.21 0.00	68.35 -0.97 0.00	63.48 -0.25 0.00	55.84 0.28 0.00	51.09 0.31 0.00	48.56 0.34 0.00

HQ_GEN_CHPE_PROXY 323851	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.62 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.90 2.22 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	49.71 3.99 0.62	55.00 3.94 -0.62	55.99 3.76 0.00	56.89 3.12 0.00	67.82 3.96 0.00	78.81 5.30 0.00	79.79 4.66 0.01	73.05 3.74 0.01	65.90 2.17 0.00	55.07 1.44 1.93	55.01 2.29 -1.93	50.78 2.55 0.00
HQ_GEN_IMPORT 323601	41.91 0.17 0.00	39.50 0.12 0.00	35.97 0.11 0.00	33.53 0.13 0.00	31.96 0.10 0.00	35.21 0.14 0.00	38.99 0.12 0.00	39.80 0.12 0.00	37.57 0.08 0.00	37.53 0.11 0.00	39.84 0.12 0.00	43.69 0.13 0.00	45.82 0.09 0.62	51.11 0.05 -0.62	52.28 0.05 0.00	53.83 0.05 0.00	63.73 -0.13 0.00	72.85 -0.66 0.00	74.54 -0.60 0.00	68.77 -0.56 0.00	63.73 0.00 0.00	55.73 0.17 0.00	50.99 0.20 0.00	48.42 0.19 0.00
HQ_GEN_WHEEL 23651	41.91 0.17 0.00	39.50 0.12 0.00	35.97 0.11 0.00	33.53 0.13 0.00	31.96 0.10 0.00	35.21 0.14 0.00	38.99 0.12 0.00	39.80 0.12 0.00	37.57 0.08 0.00	37.53 0.11 0.00	39.84 0.12 0.00	43.69 0.13 0.00	45.82 0.09 0.62	51.11 0.05 -0.62	52.28 0.05 0.00	53.83 0.05 0.00	63.73 -0.13 0.00	72.85 -0.66 0.00	74.54 -0.60 0.00	68.77 -0.56 0.00	63.73 0.00 0.00	55.73 0.17 0.00	50.99 0.20 0.00	48.42 0.19 0.00
HUDSON AVE_GT_3 23810	44.29 2.55 0.00	41.47 2.09 0.00	37.54 1.69 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.40 1.33 0.00	40.70 1.83 0.00	42.10 2.42 0.00	40.12 2.62 0.00	40.12 2.69 0.00	42.94 3.22 0.00	47.36 3.79 -0.02	50.38 4.03 0.00	54.62 4.19 0.00	56.04 3.81 0.00	57.38 3.60 0.00	68.46 4.60 0.00	79.33 5.81 0.00	80.33 5.18 0.00	73.56 4.23 0.00	66.15 2.42 0.00	57.12 1.56 0.00	53.23 2.44 0.00	50.78 2.56 0.00
HUDSON AVE_GT_4 23540	44.29 2.55 0.00	41.47 2.09 0.00	37.54 1.69 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.40 1.33 0.00	40.70 1.83 0.00	42.10 2.42 0.00	40.12 2.62 0.00	40.12 2.69 0.00	42.94 3.22 0.00	47.36 3.79 -0.02	50.38 4.03 0.00	54.62 4.19 0.00	56.04 3.81 0.00	57.38 3.60 0.00	68.46 4.60 0.00	79.33 5.81 0.00	80.33 5.18 0.00	73.56 4.23 0.00	66.15 2.42 0.00	57.12 1.56 0.00	53.23 2.44 0.00	50.78 2.56 0.00
HUDSON AVE_GT_5 23657	44.29 2.55 0.00	41.47 2.09 0.00	37.54 1.69 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.40 1.33 0.00	40.70 1.83 0.00	42.10 2.42 0.00	40.12 2.62 0.00	40.12 2.69 0.00	42.94 3.22 0.00	47.36 3.79 -0.02	50.38 4.03 0.00	54.62 4.19 0.00	56.04 3.81 0.00	57.38 3.60 0.00	68.46 4.60 0.00	79.33 5.81 0.00	80.33 5.18 0.00	73.56 4.23 0.00	66.15 2.42 0.00	57.12 1.56 0.00	53.23 2.44 0.00	50.78 2.56 0.00
HUDSON_AVE_10 24168	44.16 2.42 0.00	41.35 1.97 0.00	37.44 1.58 0.00	34.77 1.37 0.00	33.17 1.31 0.00	36.33 1.26 0.00	40.62 1.75 0.00	42.02 2.34 0.00	40.08 2.59 0.00	40.04 2.62 0.00	42.82 3.10 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.42 3.98 0.00	55.83 3.60 0.00	57.21 3.44 0.00	68.26 4.41 0.00	79.10 5.59 0.00	80.10 4.96 0.00	73.35 4.02 0.00	66.02 2.29 0.00	56.95 1.39 0.00	53.12 2.34 0.00	50.68 2.46 0.00
HUDSON___115KV_TB 4 355613	42.78 1.04 0.00	40.36 0.98 0.00	36.79 0.93 0.00	34.20 0.80 0.00	32.62 0.76 0.00	35.84 0.77 0.00	39.50 0.62 0.00	40.20 0.52 0.00	37.91 0.41 0.00	37.65 0.22 0.00	39.84 0.12 0.00	43.64 0.09 0.00	46.58 0.23 0.00	50.84 0.40 0.00	52.80 0.57 0.00	54.58 0.81 0.00	65.33 1.47 0.00	75.87 2.35 0.00	77.84 2.71 0.00	71.75 2.43 0.00	65.83 2.10 0.00	57.06 1.50 0.00	52.06 1.27 0.00	49.38 1.16 0.00
HUNTER MOUNT___DRP 323613	42.91 1.17 0.00	40.44 1.06 0.00	36.90 1.04 0.00	34.27 0.87 0.00	32.69 0.83 0.00	35.88 0.81 0.00	39.53 0.66 0.00	40.20 0.52 0.00	37.87 0.37 0.00	37.57 0.15 0.00	39.77 0.04 0.00	43.55 0.00 0.00	46.53 0.19 0.00	50.79 0.35 0.00	52.80 0.57 0.00	54.69 0.91 0.00	65.52 1.66 0.00	76.16 2.65 0.00	78.14 3.01 0.00	72.03 2.70 0.00	66.15 2.42 0.00	57.28 1.72 0.00	52.21 1.42 0.00	49.52 1.30 0.00
HUNTINGTON_RES_REC 323705	34.29 3.38 10.83	32.23 2.80 9.95	28.49 2.22 9.59	25.42 1.90 9.88	24.37 1.85 9.33	27.35 1.75 9.47	35.03 2.18 6.02	34.74 2.78 7.71	29.71 3.22 11.01	27.39 3.56 13.59	39.31 3.78 4.19	80.74 4.31 -32.87	123.05 4.45 -72.26	320.14 4.08 -265.62	345.49 4.28 -288.98	600.66 3.92 -542.97	817.55 3.77 -749.93	1099.36 5.66 -1020.18	771.26 4.51 -691.62	935.02 3.46 -862.23	608.80 1.59 -543.48	345.10 2.11 -287.42	136.00 2.23 -82.98	44.28 3.09 7.03
HUNTLEY___63 23557	40.24 -1.50 0.00	38.12 -1.26 0.00	34.64 -1.22 0.00	32.33 -1.07 0.00	30.74 -1.12 0.00	34.05 -1.02 0.00	38.21 -0.66 0.00	39.20 -0.48 0.00	36.52 -0.97 0.00	36.30 -1.12 0.00	38.93 -0.79 0.00	42.47 -1.09 0.00	45.05 -1.30 0.00	49.63 -0.81 0.00	51.34 -0.89 0.00	52.43 -1.34 0.00	62.22 -1.60 0.04	72.56 -0.96 0.00	74.84 -0.30 0.00	70.57 1.25 0.00	64.18 0.45 0.00	55.89 0.33 0.00	50.23 -0.56 0.00	47.64 -0.58 0.00
HUNTLEY___64 23558	40.24 -1.50 0.00	38.12 -1.26 0.00	34.64 -1.22 0.00	32.33 -1.07 0.00	30.74 -1.12 0.00	34.05 -1.02 0.00	38.21 -0.66 0.00	39.20 -0.48 0.00	36.52 -0.97 0.00	36.30 -1.12 0.00	38.93 -0.79 0.00	42.47 -1.09 0.00	45.05 -1.30 0.00	49.63 -0.81 0.00	51.34 -0.89 0.00	52.43 -1.34 0.00	62.22 -1.60 0.04	72.56 -0.96 0.00	74.84 -0.30 0.00	70.57 1.25 0.00	64.18 0.45 0.00	55.89 0.33 0.00	50.23 -0.56 0.00	47.64 -0.58 0.00
HUNTLEY___65 23559	40.24 -1.50 0.00	38.12 -1.26 0.00	34.64 -1.22 0.00	32.33 -1.07 0.00	30.74 -1.12 0.00	34.05 -1.02 0.00	38.21 -0.66 0.00	39.20 -0.48 0.00	36.52 -0.97 0.00	36.30 -1.12 0.00	38.93 -0.79 0.00	42.47 -1.09 0.00	45.05 -1.30 0.00	49.63 -0.81 0.00	51.34 -0.89 0.00	52.43 -1.34 0.00	62.22 -1.60 0.04	72.56 -0.96 0.00	74.84 -0.30 0.00	70.57 1.25 0.00	64.18 0.45 0.00	55.89 0.33 0.00	50.23 -0.56 0.00	47.64 -0.58 0.00
HUNTLEY___66 23560	40.24 -1.50 0.00	38.12 -1.26 0.00	34.64 -1.22 0.00	32.33 -1.07 0.00	30.74 -1.12 0.00	34.05 -1.02 0.00	38.21 -0.66 0.00	39.20 -0.48 0.00	36.52 -0.97 0.00	36.30 -1.12 0.00	38.93 -0.79 0.00	42.47 -1.09 0.00	45.05 -1.30 0.00	49.63 -0.81 0.00	51.34 -0.89 0.00	52.43 -1.34 0.00	62.22 -1.60 0.04	72.56 -0.96 0.00	74.84 -0.30 0.00	70.57 1.25 0.00	64.18 0.45 0.00	55.89 0.33 0.00	50.23 -0.56 0.00	47.64 -0.58 0.00
HUNTLEY___67 23561	39.99 -1.75 0.00	37.88 -1.50 0.00	34.42 -1.43 0.00	32.13 -1.27 0.00	30.55 -1.31 0.00	33.84 -1.23 0.00	37.94 -0.93 0.00	39.00 -0.67 0.00	36.44 -1.05 0.00	36.26 -1.16 0.00	38.85 -0.87 0.00	42.38 -1.18 0.00	45.00 -1.34 0.00	49.53 -0.91 0.00	51.24 -0.99 0.00	52.37 -1.40 0.00	62.10 -1.72 0.04	72.34 -1.18 0.00	74.61 -0.53 0.00	70.36 1.04 0.00	63.86 0.13 0.00	55.67 0.11 0.00	49.98 -0.81 0.00	47.31 -0.92 0.00

HUNTLEY___68 23562	39.99 -1.75 0.00	37.88 -1.50 0.00	34.42 -1.43 0.00	32.13 -1.27 0.00	30.55 -1.31 0.00	33.84 -1.23 0.00	37.94 -0.93 0.00	39.00 -0.67 0.00	36.44 -1.05 0.00	36.26 -1.16 0.00	38.85 -0.87 0.00	42.38 -1.18 0.00	45.00 -1.34 0.00	49.53 -0.91 0.00	51.24 -0.99 0.00	52.37 -1.40 0.00	62.10 -1.72 0.04	72.34 -1.18 0.00	74.61 -0.53 0.00	70.36 1.04 0.00	63.86 0.13 0.00	55.67 0.11 0.00	49.98 -0.81 0.00	47.31 -0.92 0.00
HYLAND___LFGE 323620	42.70 0.96 0.00	40.25 0.87 0.00	36.65 0.79 0.00	34.20 0.80 0.00	32.50 0.64 0.00	36.19 1.12 0.00	40.39 1.51 0.00	41.03 1.35 0.00	37.91 0.41 0.00	37.31 -0.11 0.00	39.61 -0.12 0.00	43.47 -0.09 0.00	45.93 -0.42 0.00	50.49 0.05 0.00	52.12 -0.10 0.00	53.99 0.22 0.00	64.53 0.70 0.03	76.16 2.64 0.00	79.34 4.21 0.00	75.15 5.82 0.00	68.32 4.59 0.00	59.45 3.89 0.00	53.53 2.74 0.00	50.39 2.17 0.00
INDECK___CORINTH 23802	42.70 0.96 0.00	40.32 0.94 0.00	36.76 0.90 0.00	34.20 0.80 0.00	32.66 0.80 0.00	35.95 0.88 0.00	39.69 0.82 0.00	40.79 1.11 0.00	38.43 0.94 0.00	38.10 0.67 0.00	39.69 -0.04 0.00	43.34 -0.22 0.00	46.35 0.00 0.00	50.64 0.20 0.00	52.64 0.42 0.00	54.63 0.86 0.00	64.50 0.64 0.00	75.06 1.55 0.00	77.84 2.70 0.00	71.75 2.43 0.00	66.47 2.74 0.00	57.56 2.00 0.00	52.46 1.67 0.00	49.72 1.50 0.00
INDECK___ILION 23567	41.99 0.25 0.00	39.62 0.24 0.00	36.07 0.22 0.00	33.63 0.23 0.00	32.08 0.22 0.00	35.31 0.25 0.00	39.15 0.27 0.00	39.96 0.28 0.00	37.72 0.22 0.00	37.65 0.22 0.00	39.92 0.20 0.00	43.73 0.17 0.00	46.58 0.23 0.00	50.69 0.25 0.00	52.54 0.31 0.00	54.10 0.32 0.00	64.30 0.45 0.00	74.18 0.66 0.00	75.82 0.68 0.00	69.95 0.62 0.00	64.18 0.45 0.00	55.89 0.33 0.00	51.09 0.30 0.00	48.51 0.29 0.00
INDECK___OLEAN 23982	40.15 -1.59 0.00	37.96 -1.42 0.00	34.50 -1.36 0.00	32.16 -1.24 0.00	30.58 -1.28 0.00	33.88 -1.19 0.00	37.98 -0.89 0.00	39.09 -0.59 0.00	36.67 -0.83 0.00	36.45 -0.97 0.00	39.13 -0.59 0.00	42.73 -0.83 0.00	45.10 -1.25 0.00	49.84 -0.60 0.00	51.50 -0.73 0.00	52.97 -0.81 0.00	61.40 -2.43 0.03	73.08 -0.44 0.00	76.27 1.13 0.00	71.54 2.22 0.00	64.24 0.51 0.00	55.78 0.22 0.00	50.08 -0.71 0.00	47.36 -0.87 0.00
INDECK___OSWEGO 23783	40.82 -0.92 0.00	38.63 -0.75 0.00	35.18 -0.68 0.00	32.80 -0.60 0.00	31.32 -0.54 0.00	34.54 -0.53 0.00	38.33 -0.54 0.00	38.97 -0.71 0.00	36.71 -0.79 0.00	36.60 -0.82 0.00	38.81 -0.91 0.00	42.51 -1.05 0.00	45.24 -1.11 0.00	49.57 -1.16 -0.29	51.08 -1.15 0.00	52.75 -1.02 0.00	62.77 -1.15 -0.06	72.64 -0.88 0.00	74.90 -0.82 -0.59	68.77 -0.56 0.00	62.97 -0.76 0.00	55.65 -0.66 -0.75	49.97 -0.81 0.00	47.58 -0.82 -0.18
INDECK___YERKES 23781	40.24 -1.50 0.00	38.16 -1.22 0.00	34.68 -1.18 0.00	32.36 -1.04 0.00	30.74 -1.12 0.00	34.05 -1.02 0.00	38.25 -0.62 0.00	39.24 -0.44 0.00	36.56 -0.94 0.00	36.33 -1.09 0.00	38.97 -0.76 0.00	42.51 -1.05 0.00	44.63 -1.71 0.00	49.18 -1.26 0.00	50.56 -1.67 0.00	51.94 -1.83 0.00	61.58 -2.24 0.04	72.05 -1.47 0.00	74.16 -0.98 0.00	69.94 0.62 0.00	62.90 -0.83 0.00	55.01 -0.56 0.00	49.77 -1.02 0.00	47.21 -1.01 0.00
INDIAN POINT_GT_1 24139	43.70 1.96 0.00	40.99 1.61 0.00	37.19 1.33 0.00	34.57 1.17 0.00	32.97 1.12 0.00	36.12 1.05 0.00	40.27 1.40 0.00	41.50 1.83 0.00	39.52 2.02 0.00	39.52 2.10 0.00	42.19 2.46 0.00	46.52 2.96 0.00	49.50 3.15 0.00	53.72 3.28 0.00	55.31 3.08 0.00	56.84 3.07 0.00	67.88 4.02 0.00	78.59 5.07 0.00	79.72 4.58 0.00	73.07 3.74 0.00	65.96 2.23 0.00	56.89 1.33 0.00	52.67 1.88 0.00	50.15 1.93 0.00
INDIAN POINT_GT_2 23659	43.70 1.96 0.00	40.99 1.61 0.00	37.19 1.33 0.00	34.57 1.17 0.00	32.97 1.12 0.00	36.12 1.05 0.00	40.27 1.40 0.00	41.50 1.83 0.00	39.52 2.02 0.00	39.52 2.10 0.00	42.19 2.46 0.00	46.52 2.96 0.00	49.50 3.15 0.00	53.72 3.28 0.00	55.31 3.08 0.00	56.84 3.07 0.00	67.88 4.02 0.00	78.59 5.07 0.00	79.72 4.58 0.00	73.07 3.74 0.00	65.96 2.23 0.00	56.89 1.33 0.00	52.67 1.88 0.00	50.15 1.93 0.00
INDIAN POINT_GT_3 24019	43.70 1.96 0.00	40.99 1.61 0.00	37.19 1.33 0.00	34.57 1.17 0.00	32.97 1.12 0.00	36.12 1.05 0.00	40.27 1.40 0.00	41.50 1.83 0.00	39.52 2.02 0.00	39.52 2.10 0.00	42.19 2.46 0.00	46.52 2.96 0.00	49.50 3.15 0.00	53.72 3.28 0.00	55.31 3.08 0.00	56.84 3.07 0.00	67.88 4.02 0.00	78.59 5.07 0.00	79.72 4.58 0.00	73.07 3.74 0.00	65.96 2.23 0.00	56.89 1.33 0.00	52.67 1.88 0.00	50.15 1.93 0.00
INDIAN POINT___2 23530	43.62 1.88 0.00	40.91 1.53 0.00	37.15 1.29 0.00	34.50 1.10 0.00	32.91 1.05 0.00	36.05 0.98 0.00	40.20 1.32 0.00	41.38 1.71 0.00	39.48 1.99 0.00	39.44 2.02 0.00	42.11 2.38 0.00	46.43 2.87 0.00	49.50 3.15 0.00	53.62 3.18 0.00	55.36 3.13 0.00	56.57 2.79 0.00	67.43 3.57 0.00	78.37 4.85 0.00	79.50 4.36 0.00	72.86 3.53 0.00	65.83 2.10 0.00	56.89 1.33 0.00	52.56 1.78 0.00	50.15 1.93 0.00
INDIAN POINT___3 23531	43.62 1.88 0.00	40.92 1.54 0.00	37.15 1.29 0.00	34.50 1.10 0.00	32.91 1.05 0.00	36.05 0.98 0.00	40.20 1.32 0.00	41.43 1.75 0.00	39.44 1.95 0.00	39.44 2.02 0.00	42.11 2.38 0.00	46.39 2.83 0.00	49.36 3.01 0.00	53.57 3.13 0.00	55.21 2.98 0.00	56.73 2.96 0.00	67.69 3.83 0.00	78.44 4.93 0.00	79.50 4.36 0.00	72.86 3.54 0.00	65.77 2.04 0.00	56.78 1.22 0.00	52.57 1.78 0.00	50.05 1.83 0.00
INDIANHD_69_KV_BK1 55831	76.74 3.55 -31.45	71.19 2.91 -28.89	66.05 2.33 -27.86	64.14 2.04 -28.70	60.94 1.98 -27.11	64.43 1.86 -27.51	58.69 2.33 -17.48	65.05 2.98 -22.40	72.81 3.34 -31.98	80.61 3.70 -39.48	72.30 3.89 -28.68	77.04 4.49 -29.00	114.13 4.40 -63.38	287.38 3.93 -233.01	310.16 4.44 -253.49	534.43 4.36 -476.30	726.50 4.79 -657.85	974.54 6.10 -894.92	687.03 5.03 -606.85	829.50 3.81 -756.37	542.33 1.85 -476.75	310.09 2.39 -252.13	126.02 2.44 -72.79	71.45 2.80 -20.43
INGHAM_C_115KV_TB7 356103	42.12 0.38 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.73 0.33 0.00	32.21 0.35 0.00	35.49 0.42 0.00	39.30 0.43 0.00	40.12 0.44 0.00	37.83 0.34 0.00	37.76 0.34 0.00	40.04 0.32 0.00	43.86 0.30 0.00	46.67 0.32 0.00	50.79 0.35 0.00	52.59 0.37 0.00	54.15 0.38 0.00	64.30 0.45 0.00	74.25 0.74 0.00	75.89 0.75 0.00	70.02 0.69 0.00	64.30 0.57 0.00	56.06 0.50 0.00	51.25 0.46 0.00	48.66 0.43 0.00
IP CORINTH___1 23988	42.95 1.21 0.00	40.56 1.18 0.00	36.93 1.08 0.00	34.37 0.97 0.00	32.81 0.96 0.00	36.16 1.09 0.00	39.92 1.05 0.00	40.95 1.27 0.00	38.62 1.12 0.00	38.32 0.90 0.00	39.88 0.16 0.00	43.60 0.04 0.00	46.58 0.23 0.00	50.74 0.30 0.00	52.91 0.68 0.00	55.01 1.24 0.00	65.01 1.15 0.00	75.50 1.98 0.00	78.30 3.16 0.00	72.16 2.84 0.00	66.85 3.12 0.00	57.89 2.33 0.00	52.77 1.98 0.00	50.01 1.78 0.00

IP__TICONDEROGA 23804	44.79 3.05 0.00	42.29 2.91 0.00	38.48 2.62 0.00	35.80 2.40 0.00	34.22 2.36 0.00	37.73 2.67 0.00	41.56 2.68 0.00	42.38 2.70 0.00	39.78 2.29 0.00	39.29 1.87 0.00	40.92 1.19 0.00	44.73 1.18 0.00	47.83 1.48 0.00	52.46 2.02 0.00	54.79 2.56 0.00	57.00 3.23 0.00	67.43 3.58 0.00	78.88 5.37 0.00	82.28 7.14 0.00	76.19 6.86 0.00	70.80 7.07 0.00	61.12 5.56 0.00	55.56 4.77 0.00	52.61 4.39 0.00
ISLIP_RES_REC 323679	59.35 3.97 -13.64	55.22 3.31 -12.53	50.63 2.69 -12.08	48.18 2.34 -12.45	45.88 2.26 -11.76	49.21 2.21 -11.93	49.18 2.72 -7.58	52.73 3.33 -9.71	55.08 3.71 -13.87	58.63 4.08 -17.13	58.93 4.37 -14.83	61.84 4.96 -13.33	79.08 5.24 -27.50	156.39 4.89 -101.06	167.35 5.17 -109.95	265.21 4.84 -206.59	354.18 4.98 -285.34	468.65 6.99 -388.15	344.98 6.08 -263.76	402.23 4.85 -328.05	273.38 2.87 -206.78	168.03 3.11 -109.36	85.56 3.20 -31.57	60.94 3.86 -8.86
JAMAICA__27_KV_LOAD 355505	44.49 2.75 0.00	41.63 2.24 0.00	37.69 1.83 0.00	34.97 1.57 0.00	33.36 1.50 0.00	36.58 1.51 0.00	40.97 2.10 0.00	42.42 2.74 0.00	40.46 2.96 0.00	40.41 2.99 0.00	43.06 3.34 0.00	47.45 3.88 -0.02	50.47 4.12 0.00	54.73 4.29 0.00	56.20 3.97 0.00	57.59 3.82 0.00	68.84 4.98 0.00	79.84 6.32 0.00	80.78 5.64 0.00	73.97 4.64 0.00	66.66 2.93 0.00	57.39 1.83 0.00	53.63 2.84 0.00	51.07 2.85 0.00
JANIS__SOLAR 323808	42.70 0.96 0.00	40.32 0.94 0.00	36.68 0.83 0.00	34.24 0.84 0.00	32.66 0.80 0.00	36.12 1.05 0.00	40.12 1.24 0.00	40.75 1.07 0.00	38.06 0.56 0.00	37.65 0.23 0.00	39.80 0.08 0.00	43.55 0.00 0.00	46.30 -0.05 0.00	50.69 0.20 -0.05	52.64 0.42 0.00	54.52 0.75 0.00	65.25 1.40 0.01	76.38 2.86 0.00	78.92 3.68 -0.10	73.34 4.02 0.00	66.98 3.25 0.00	58.36 2.67 -0.13	52.77 1.98 0.00	50.09 1.83 -0.03
JARVIS____ 23743	41.82 0.08 0.00	39.46 0.08 0.00	35.93 0.07 0.00	33.47 0.07 0.00	31.92 0.06 0.00	35.14 0.07 0.00	38.91 0.04 0.00	39.76 0.08 0.00	37.57 0.08 0.00	37.46 0.04 0.00	39.77 0.04 0.00	43.55 0.00 0.00	46.39 0.05 0.00	50.49 0.05 0.00	52.33 0.10 0.00	53.88 0.11 0.00	64.05 0.19 0.00	73.96 0.44 0.00	75.52 0.38 0.00	69.67 0.35 0.00	63.92 0.19 0.00	55.67 0.11 0.00	50.89 0.10 0.00	48.32 0.10 0.00
JENNISON__1 23625	42.87 1.13 0.00	40.36 0.98 0.00	36.76 0.90 0.00	34.30 0.90 0.00	32.72 0.86 0.00	36.12 1.05 0.00	40.12 1.24 0.00	40.95 1.27 0.00	38.47 0.97 0.00	38.24 0.82 0.00	40.60 0.87 0.00	44.47 0.91 0.00	47.37 1.02 0.00	51.83 1.36 -0.03	53.80 1.57 0.00	55.55 1.77 0.00	66.34 2.49 0.01	77.27 3.75 0.00	79.34 4.13 -0.07	73.34 4.02 0.00	66.98 3.25 0.00	58.20 2.56 -0.08	52.82 2.03 0.00	50.12 1.88 -0.02
JENNISON__2 23626	42.87 1.13 0.00	40.36 0.98 0.00	36.76 0.90 0.00	34.30 0.90 0.00	32.72 0.86 0.00	36.12 1.05 0.00	40.12 1.24 0.00	40.95 1.27 0.00	38.47 0.97 0.00	38.24 0.82 0.00	40.60 0.87 0.00	44.47 0.91 0.00	47.37 1.02 0.00	51.83 1.36 -0.03	53.80 1.57 0.00	55.55 1.77 0.00	66.34 2.49 0.01	77.27 3.75 0.00	79.34 4.13 -0.07	73.34 4.02 0.00	66.98 3.25 0.00	58.20 2.56 -0.08	52.82 2.03 0.00	50.12 1.88 -0.02
JERICHO_RISE_WT_PWR 323719	41.87 0.13 0.00	39.46 0.08 0.00	35.97 0.11 0.00	33.50 0.10 0.00	31.89 0.03 0.00	35.17 0.11 0.00	38.87 0.00 0.00	39.64 -0.04 0.00	37.42 -0.07 0.00	37.46 0.04 0.00	39.80 0.08 0.00	43.64 0.09 0.00	46.30 -0.05 0.00	50.29 -0.15 0.00	52.12 -0.10 0.00	53.50 -0.27 0.00	63.41 -0.44 0.00	72.49 -1.03 0.00	74.39 -0.75 0.00	68.70 -0.63 0.00	63.67 -0.06 0.00	55.90 0.34 0.00	51.04 0.26 0.00	48.37 0.15 0.00
KATONAH__115KV_46KV_TB4 355592	43.91 2.17 0.00	41.19 1.81 0.00	37.40 1.54 0.00	34.77 1.37 0.00	33.17 1.31 0.00	36.33 1.26 0.00	40.51 1.63 0.00	41.70 2.02 0.00	39.74 2.25 0.00	39.74 2.32 0.00	42.43 2.70 0.00	46.73 3.18 0.00	49.78 3.43 0.00	54.02 3.58 0.00	55.62 3.39 0.00	57.27 3.50 0.00	68.39 4.53 0.00	79.33 5.81 0.00	80.32 5.18 0.00	73.62 4.30 0.00	66.60 2.87 0.00	57.39 1.83 0.00	53.02 2.23 0.00	50.49 2.27 0.00
KCE_NY_1 323755	43.24 1.50 0.00	40.80 1.42 0.00	37.15 1.29 0.00	34.57 1.17 0.00	33.00 1.15 0.00	36.33 1.26 0.00	40.08 1.21 0.00	41.38 1.71 0.00	38.96 1.46 0.00	38.65 1.23 0.00	40.56 0.84 0.00	44.25 0.69 0.00	47.27 0.93 0.00	51.80 1.36 0.00	53.85 1.62 0.00	55.82 2.04 0.00	65.77 1.91 0.00	76.31 2.79 0.00	78.52 3.38 0.00	72.37 3.05 0.00	66.66 2.93 0.00	57.89 2.33 0.00	52.82 2.03 0.00	50.05 1.83 0.00
KCE_NY_6_ESR 323823	40.24 -1.50 0.00	38.08 -1.30 0.00	34.60 -1.26 0.00	32.30 -1.10 0.00	30.71 -1.15 0.00	34.02 -1.05 0.00	38.13 -0.74 0.00	39.28 -0.40 0.00	36.74 -0.75 0.00	36.56 -0.86 0.00	39.17 -0.56 0.00	42.77 -0.78 0.00	45.00 -1.35 0.00	49.58 -0.86 0.00	51.03 -1.20 0.00	52.54 -1.23 0.00	61.97 -1.85 0.03	72.78 -0.74 0.00	75.14 0.00 0.00	70.78 1.46 0.00	63.60 -0.13 0.00	55.51 -0.06 0.00	50.13 -0.66 0.00	47.40 -0.82 0.00
KEDC_PORT_JEFF_GT2 24210	62.08 3.55 -16.79	57.76 2.96 -15.42	53.13 2.40 -14.87	50.79 2.07 -15.32	48.34 2.01 -14.47	51.68 1.93 -14.68	50.58 2.37 -9.33	54.61 2.98 -11.96	57.94 3.38 -17.07	62.17 3.67 -21.08	60.78 3.78 -17.28	63.92 4.27 -16.10	84.50 4.31 -33.84	178.71 3.88 -124.39	191.58 4.02 -135.33	311.59 3.55 -254.27	418.49 3.45 -351.19	556.47 5.22 -477.74	404.06 4.28 -324.64	476.28 3.19 -403.77	319.64 1.40 -254.50	192.05 1.89 -134.60	91.83 2.18 -38.86	62.41 3.28 -10.90
KEDC_PORT_JEFF_GT3 24211	62.08 3.55 -16.79	57.76 2.96 -15.42	53.13 2.40 -14.87	50.79 2.07 -15.32	48.34 2.01 -14.47	51.68 1.93 -14.68	50.58 2.37 -9.33	54.61 2.98 -11.96	57.94 3.38 -17.07	62.17 3.67 -21.08	60.78 3.78 -17.28	63.92 4.27 -16.10	84.50 4.31 -33.84	178.71 3.88 -124.39	191.58 4.02 -135.33	311.59 3.55 -254.27	418.49 3.45 -351.19	556.47 5.22 -477.74	404.06 4.28 -324.64	476.28 3.19 -403.77	319.64 1.40 -254.50	192.05 1.89 -134.60	91.83 2.18 -38.86	62.41 3.28 -10.90
KEDC_GLWD_GT4 24219	44.54 2.80 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.04 1.64 0.00	33.42 1.56 0.00	36.58 1.51 0.00	40.78 1.90 0.00	42.10 2.42 0.00	40.27 2.77 0.00	40.38 2.96 -0.01	47.33 3.37 -4.23	48.84 3.96 -1.32	50.71 4.36 -0.01	54.72 4.28 0.00	56.62 4.39 -0.01	57.83 4.03 -0.02	68.28 4.40 -0.02	79.48 5.95 -0.01	80.20 5.34 0.27	73.48 4.16 0.00	66.15 2.42 0.00	58.00 2.44 0.00	53.43 2.64 0.00	51.17 2.94 0.00
KEDC_GLWD_GT5 24220	44.54 2.80 0.00	41.70 2.32 0.00	37.72 1.86 0.00	35.04 1.64 0.00	33.42 1.56 0.00	36.58 1.51 0.00	40.78 1.90 0.00	42.10 2.42 0.00	40.27 2.77 0.00	40.38 2.96 -0.01	47.33 3.37 -4.23	48.84 3.96 -1.32	50.71 4.36 -0.01	54.72 4.28 0.00	56.62 4.39 -0.01	57.83 4.03 -0.02	68.28 4.40 -0.02	79.48 5.95 -0.01	80.20 5.34 0.27	73.48 4.16 0.00	66.15 2.42 0.00	58.00 2.44 0.00	53.43 2.64 0.00	51.17 2.94 0.00

KENSICO____ 23655	43.83 2.09 0.00	41.11 1.73 0.00	37.29 1.43 0.00	34.67 1.27 0.00	33.07 1.21 0.00	36.23 1.16 0.00	40.39 1.52 0.00	41.66 1.98 0.00	39.71 2.21 0.00	39.70 2.28 0.00	42.39 2.66 0.00	46.73 3.18 0.00	49.73 3.38 0.00	53.92 3.48 0.00	55.52 3.29 0.00	57.00 3.23 0.00	68.07 4.21 0.00	78.81 5.29 0.00	79.87 4.73 0.00	73.20 3.88 0.00	66.02 2.29 0.00	57.06 1.50 0.00	52.82 2.03 0.00	50.34 2.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.87 2.13 0.00	41.19 1.81 0.00	37.44 1.58 0.00	34.74 1.34 0.00	33.10 1.24 0.00	36.26 1.19 0.00	40.31 1.44 0.00	41.43 1.75 0.00	39.37 1.87 0.00	39.29 1.87 0.00	41.87 2.15 0.00	46.17 2.61 0.00	49.22 2.87 0.00	53.52 3.08 0.00	55.41 3.19 0.00	57.11 3.33 0.00	68.52 4.66 0.00	79.47 5.95 0.00	80.70 5.56 0.00	74.11 4.78 0.00	67.11 3.38 0.00	57.89 2.33 0.00	53.18 2.39 0.00	50.63 2.41 0.00
KIAC_JFK_GT1 23816	44.20 2.46 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.77 1.37 0.00	33.17 1.31 0.00	36.33 1.26 0.00	40.70 1.83 0.00	42.14 2.46 0.00	40.19 2.70 0.00	40.15 2.73 0.00	42.78 3.06 0.00	47.01 3.44 -0.02	50.01 3.66 0.00	54.22 3.78 0.00	55.68 3.45 0.00	57.05 3.28 0.00	68.14 4.28 0.00	79.03 5.51 0.00	79.95 4.81 0.00	73.21 3.88 0.00	65.96 2.23 0.00	56.78 1.22 0.00	53.12 2.34 0.00	50.59 2.36 0.00
KIAC_JFK_GT2 23817	44.20 2.46 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.77 1.37 0.00	33.17 1.31 0.00	36.33 1.26 0.00	40.70 1.83 0.00	42.14 2.46 0.00	40.19 2.70 0.00	40.15 2.73 0.00	42.78 3.06 0.00	47.01 3.44 -0.02	50.01 3.66 0.00	54.22 3.78 0.00	55.68 3.45 0.00	57.05 3.28 0.00	68.14 4.28 0.00	79.03 5.51 0.00	79.95 4.81 0.00	73.21 3.88 0.00	65.96 2.23 0.00	56.78 1.22 0.00	53.12 2.34 0.00	50.59 2.36 0.00
KIAC_JFK____ 323774	44.20 2.46 0.00	41.39 2.01 0.00	37.44 1.58 0.00	34.77 1.37 0.00	33.17 1.31 0.00	36.37 1.30 0.00	40.70 1.83 0.00	42.06 2.38 0.00	40.23 2.74 0.00	40.15 2.73 0.00	42.78 3.06 0.00	47.01 3.44 -0.02	50.10 3.75 0.00	54.17 3.73 0.00	55.83 3.60 0.00	56.78 3.01 0.00	67.88 4.03 0.00	78.96 5.44 0.00	79.88 4.74 0.00	73.21 3.88 0.00	66.02 2.29 0.00	56.95 1.39 0.00	53.13 2.34 0.00	50.68 2.46 0.00
KINTIGH_24_KV_GSU 356498	40.15 -1.59 0.00	38.04 -1.34 0.00	34.60 -1.26 0.00	32.26 -1.14 0.00	30.71 -1.15 0.00	33.98 -1.09 0.00	38.06 -0.82 0.00	39.09 -0.59 0.00	36.52 -0.98 0.00	36.37 -1.05 0.00	38.93 -0.79 0.00	42.51 -1.05 0.00	44.77 -1.58 0.00	49.23 -1.21 0.00	50.66 -1.57 0.00	52.16 -1.61 0.00	62.16 -1.66 0.04	72.27 -1.25 0.00	73.93 -1.21 0.00	69.60 0.28 0.00	62.52 -1.21 0.00	54.73 -0.83 0.00	49.62 -1.17 0.00	46.97 -1.25 0.00
KINTIGH____ 23543	40.15 -1.59 0.00	38.04 -1.34 0.00	34.60 -1.26 0.00	32.26 -1.14 0.00	30.71 -1.15 0.00	33.98 -1.09 0.00	38.06 -0.82 0.00	39.08 -0.60 0.00	36.52 -0.97 0.00	36.37 -1.05 0.00	38.93 -0.79 0.00	42.51 -1.05 0.00	45.10 -1.25 0.00	49.53 -0.91 0.00	51.29 -0.94 0.00	52.48 -1.29 0.00	62.28 -1.53 0.04	72.34 -1.18 0.00	74.39 -0.75 0.00	70.08 0.76 0.00	63.60 -0.13 0.00	55.45 -0.11 0.00	49.92 -0.86 0.00	47.26 -0.96 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.45 0.71 0.00	39.97 0.59 0.00	36.40 0.54 0.00	33.97 0.57 0.00	32.31 0.45 0.00	35.67 0.60 0.00	39.46 0.58 0.00	40.20 0.52 0.00	37.87 0.37 0.00	37.94 0.52 0.00	40.28 0.56 0.00	44.16 0.61 0.00	46.86 0.51 0.00	50.89 0.45 0.00	52.23 0.00 0.00	53.29 -0.48 0.00	63.28 -0.57 0.00	72.64 -0.88 0.00	74.54 -0.60 0.00	68.84 -0.49 0.00	63.79 0.06 0.00	56.17 0.61 0.00	51.40 0.61 0.00	49.09 0.87 0.00
LACHUTE____HYDRO 323717	44.79 3.05 0.00	42.29 2.91 0.00	38.48 2.62 0.00	35.81 2.41 0.00	34.22 2.36 0.00	37.73 2.66 0.00	41.55 2.68 0.00	42.42 2.74 0.00	39.78 2.29 0.00	39.29 1.87 0.00	40.92 1.19 0.00	44.73 1.18 0.00	47.88 1.53 0.00	52.66 2.22 0.00	54.79 2.56 0.00	56.89 3.12 0.00	67.30 3.45 0.00	78.81 5.30 0.00	82.20 7.06 0.00	76.12 6.80 0.00	70.68 6.95 0.00	61.06 5.50 0.00	55.51 4.72 0.00	52.61 4.39 0.00
LAWRNCV_115KV_TB1 80681	41.95 0.21 0.00	39.46 0.08 0.00	35.97 0.11 0.00	33.57 0.17 0.00	31.95 0.10 0.00	35.31 0.25 0.00	39.15 0.27 0.00	39.84 0.16 0.00	37.46 -0.04 0.00	37.38 -0.04 0.00	39.57 -0.16 0.00	43.38 -0.17 0.00	45.98 -0.37 0.00	49.90 -0.55 -0.02	51.29 -0.94 0.00	52.27 -1.51 0.00	61.88 -1.98 0.00	70.87 -2.65 0.00	72.77 -2.40 -0.04	67.24 -2.08 0.00	62.52 -1.21 0.00	55.28 -0.33 -0.05	50.64 -0.15 0.00	48.43 0.19 -0.01
LEDERLE____ 23769	43.70 1.96 0.00	41.03 1.65 0.00	37.26 1.40 0.00	34.60 1.20 0.00	33.01 1.15 0.00	36.16 1.09 0.00	40.27 1.40 0.00	41.50 1.83 0.00	39.56 2.06 0.00	39.52 2.10 0.00	42.19 2.46 0.00	46.47 2.92 0.00	49.50 3.15 0.00	53.77 3.33 0.00	55.47 3.24 0.00	57.05 3.28 0.00	68.14 4.28 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.34 4.02 0.00	66.22 2.49 0.00	57.12 1.56 0.00	52.72 1.93 0.00	50.20 1.98 0.00
LIGHTHSE_115KV_TB6 355974	42.32 0.58 0.00	39.93 0.55 0.00	36.40 0.54 0.00	34.03 0.63 0.00	32.50 0.64 0.00	35.98 0.91 0.00	39.88 1.01 0.00	40.47 0.79 0.00	37.91 0.41 0.00	37.68 0.26 0.00	39.84 0.12 0.00	43.55 0.00 0.00	46.35 0.00 0.00	50.77 0.10 -0.23	52.49 0.26 0.00	54.26 0.48 0.00	64.54 0.64 -0.04	75.06 1.54 0.00	77.70 2.10 -0.46	71.82 2.50 0.00	66.15 2.42 0.00	58.53 2.39 -0.58	52.51 1.73 0.00	49.85 1.49 -0.14
LINDEN COGEN____ 23786	43.99 2.25 0.00	41.19 1.81 0.00	37.29 1.44 0.00	34.64 1.24 0.00	33.07 1.21 0.00	36.16 1.09 0.00	40.43 1.56 0.00	41.78 2.10 0.00	39.90 2.40 0.00	39.89 2.47 0.00	42.66 2.94 0.00	47.10 3.53 -0.02	50.19 3.84 0.00	54.27 3.83 0.00	55.78 3.55 0.00	56.60 2.90 0.07	66.81 3.70 0.75	77.94 5.07 0.65	78.81 4.36 0.69	72.14 3.53 0.72	62.74 1.85 2.84	55.67 1.17 1.06	52.82 2.03 0.00	50.49 2.27 0.00
LINDHRST_69_KV_BK1 356055	46.48 3.67 -1.07	43.35 2.99 -0.98	39.24 2.44 -0.95	36.48 2.10 -0.97	34.79 2.01 -0.92	37.97 1.96 -0.93	41.88 2.41 -0.59	43.49 3.06 -0.76	41.99 3.41 -1.09	42.50 3.74 -1.34	48.80 4.01 -5.06	50.43 4.62 -2.26	53.32 4.82 -2.15	62.68 4.34 -7.91	65.69 4.86 -8.60	74.74 4.79 -16.18	91.82 5.62 -22.35	110.95 7.06 -30.37	101.74 6.31 -20.29	99.85 4.85 -25.67	82.78 2.87 -16.18	67.18 3.06 -8.56	56.41 3.15 -2.47	52.19 3.28 -0.69
LIPA_MISC_IPP 23656	59.42 3.59 -14.09	55.32 2.99 -12.95	50.74 2.40 -12.48	48.36 2.10 -12.86	46.08 2.07 -12.15	49.39 2.00 -12.33	49.12 2.41 -7.83	52.77 3.06 -10.04	55.20 3.37 -14.33	58.78 3.67 -17.69	58.84 3.93 -15.18	61.76 4.49 -13.72	79.24 4.50 -28.40	158.83 3.98 -104.41	170.31 4.49 -113.58	271.61 4.41 -213.43	363.37 4.73 -294.78	480.47 5.95 -401.00	352.96 5.11 -272.71	412.26 4.02 -338.92	279.52 2.17 -213.62	171.09 2.56 -112.98	86.05 2.64 -32.62	60.27 2.89 -9.15

LISF__SOLAR 323691	59.76 3.71 -14.30	55.59 3.07 -13.14	51.04 2.51 -12.67	48.66 2.20 -13.05	46.32 2.13 -12.33	49.65 2.07 -12.51	49.35 2.53 -7.95	53.00 3.13 -10.19	55.49 3.45 -14.54	59.13 3.74 -17.96	59.04 3.97 -15.35	61.99 4.53 -13.91	80.00 4.82 -28.83	160.85 4.44 -105.97	172.22 4.70 -115.29	274.75 4.35 -216.62	367.33 4.28 -299.19	486.69 6.18 -406.99	357.22 5.34 -276.74	417.60 4.30 -343.98	283.03 2.48 -216.82	173.00 2.78 -114.67	86.74 2.84 -33.11	60.99 3.47 -9.29
LITTLE FALLS__HYD 24013	42.12 0.38 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.73 0.33 0.00	32.21 0.35 0.00	35.49 0.42 0.00	39.30 0.43 0.00	40.12 0.44 0.00	37.83 0.34 0.00	37.76 0.34 0.00	40.04 0.32 0.00	43.86 0.30 0.00	46.67 0.32 0.00	50.79 0.35 0.00	52.59 0.37 0.00	54.15 0.38 0.00	64.30 0.45 0.00	74.25 0.74 0.00	75.89 0.75 0.00	70.02 0.69 0.00	64.30 0.57 0.00	56.06 0.50 0.00	51.25 0.46 0.00	48.66 0.43 0.00
LITTLRIV__115KV_TB1 356100	42.24 0.50 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.83 0.43 0.00	32.21 0.35 0.00	35.63 0.56 0.00	39.46 0.58 0.00	40.12 0.44 0.00	37.61 0.11 0.00	37.50 0.07 0.00	39.65 -0.08 0.00	43.42 -0.13 0.00	46.02 -0.32 0.00	50.01 -0.45 -0.02	51.34 -0.89 0.00	52.32 -1.45 0.00	62.01 -1.85 0.00	71.09 -2.43 0.00	73.15 -2.03 -0.04	67.87 -1.46 0.00	63.16 -0.57 0.00	55.89 0.28 -0.05	51.14 0.36 0.00	48.86 0.63 -0.01
LI_NEWBRDGE__DRP 323616	44.45 2.71 0.00	41.55 2.17 0.00	37.54 1.69 0.00	34.84 1.44 0.00	33.26 1.40 0.00	36.33 1.26 0.00	40.54 1.67 0.00	41.90 2.22 0.00	40.12 2.62 0.00	40.26 2.84 0.00	47.05 3.10 -4.23	48.49 3.61 -1.32	50.19 3.85 0.00	53.92 3.48 0.00	55.94 3.71 0.00	57.39 3.60 -0.02	68.22 4.34 -0.02	79.02 5.51 0.01	80.16 4.88 -0.13	72.79 3.47 0.00	65.45 1.72 0.00	57.34 1.78 0.00	52.87 2.08 0.00	50.49 2.27 0.00
LOCKPORT__115KV_TB60_63_64 80432	39.40 -2.34 0.00	37.33 -2.05 0.00	33.92 -1.94 0.00	31.70 -1.70 0.00	30.11 -1.75 0.00	33.39 -1.68 0.00	37.44 -1.44 0.00	38.53 -1.15 0.00	35.96 -1.54 0.00	35.74 -1.68 0.00	38.33 -1.39 0.00	41.81 -1.74 0.00	44.35 -1.99 0.00	48.82 -1.61 0.00	50.51 -1.72 0.00	51.62 -2.15 0.00	61.27 -2.55 0.04	71.46 -2.06 0.00	73.71 -1.43 0.00	69.60 0.28 0.00	63.54 -0.19 0.00	55.39 -0.17 0.00	49.72 -1.07 0.00	47.02 -1.21 0.00
LOCKPORT__CC1 323769	39.53 -2.21 0.00	37.41 -1.97 0.00	34.03 -1.83 0.00	31.76 -1.64 0.00	30.17 -1.69 0.00	33.42 -1.65 0.00	37.51 -1.36 0.00	38.61 -1.07 0.00	36.03 -1.46 0.00	35.85 -1.57 0.00	38.42 -1.31 0.00	41.90 -1.66 0.00	43.71 -2.64 0.00	48.17 -2.27 0.00	49.46 -2.77 0.00	50.87 -2.90 0.00	60.37 -3.45 0.04	70.65 -2.87 0.00	72.66 -2.48 0.00	68.56 -0.76 0.00	61.88 -1.85 0.00	54.17 -1.39 0.00	49.01 -1.78 0.00	46.34 -1.88 0.00
LOCKPORT__CC2 323770	39.53 -2.21 0.00	37.41 -1.97 0.00	34.03 -1.83 0.00	31.76 -1.64 0.00	30.17 -1.69 0.00	33.42 -1.65 0.00	37.51 -1.36 0.00	38.61 -1.07 0.00	36.03 -1.46 0.00	35.85 -1.57 0.00	38.42 -1.31 0.00	41.90 -1.66 0.00	43.71 -2.64 0.00	48.17 -2.27 0.00	49.46 -2.77 0.00	50.87 -2.90 0.00	60.37 -3.45 0.04	70.65 -2.87 0.00	72.66 -2.48 0.00	68.56 -0.76 0.00	61.88 -1.85 0.00	54.17 -1.39 0.00	49.01 -1.78 0.00	46.34 -1.88 0.00
LOCKPORT__CC3 323771	39.53 -2.21 0.00	37.41 -1.97 0.00	34.03 -1.83 0.00	31.76 -1.64 0.00	30.17 -1.69 0.00	33.42 -1.65 0.00	37.51 -1.36 0.00	38.61 -1.07 0.00	36.03 -1.46 0.00	35.85 -1.57 0.00	38.42 -1.31 0.00	41.90 -1.66 0.00	43.71 -2.64 0.00	48.17 -2.27 0.00	49.46 -2.77 0.00	50.87 -2.90 0.00	60.37 -3.45 0.04	70.65 -2.87 0.00	72.66 -2.48 0.00	68.56 -0.76 0.00	61.88 -1.85 0.00	54.17 -1.39 0.00	49.01 -1.78 0.00	46.34 -1.88 0.00
LOCUSVLY_69_KV_BK2 55797	44.91 3.17 0.00	41.98 2.60 0.00	37.94 2.08 0.00	35.20 1.80 0.00	33.58 1.72 0.00	36.72 1.65 0.00	40.97 2.10 0.00	42.38 2.70 0.00	40.53 3.04 0.00	40.75 3.33 0.00	47.65 3.69 -4.23	49.19 4.31 -1.32	50.89 4.54 0.00	54.73 4.29 0.00	56.83 4.60 0.00	58.36 4.57 -0.02	69.11 5.24 -0.02	80.07 6.54 0.00	79.88 5.64 0.90	73.76 4.44 0.00	66.28 2.55 0.00	58.17 2.61 0.00	53.48 2.69 0.00	51.07 2.85 0.00
LONG_LAKE_PHOENIX 24014	40.82 -0.92 0.00	38.63 -0.75 0.00	35.18 -0.68 0.00	32.80 -0.60 0.00	31.29 -0.57 0.00	34.54 -0.53 0.00	38.33 -0.54 0.00	38.97 -0.71 0.00	36.78 -0.71 0.00	36.67 -0.75 0.00	38.93 -0.79 0.00	42.68 -0.87 0.00	45.42 -0.93 0.00	49.69 -0.96 -0.21	51.34 -0.89 0.00	53.02 -0.75 0.00	63.06 -0.83 0.00	72.86 -0.66 0.00	75.04 -0.53 -0.42	69.05 -0.28 0.00	63.22 -0.51 0.00	55.55 -0.56 -0.54	50.03 -0.76 0.00	47.53 -0.82 -0.13
LOVETT__3 23632	43.53 1.79 0.00	40.88 1.50 0.00	37.08 1.22 0.00	34.47 1.07 0.00	32.88 1.02 0.00	36.02 0.95 0.00	40.12 1.24 0.00	41.35 1.67 0.00	39.41 1.91 0.00	39.40 1.98 0.00	42.03 2.30 0.00	46.30 2.74 0.00	49.27 2.92 0.00	53.46 3.03 0.00	55.10 2.87 0.00	56.62 2.85 0.00	67.56 3.70 0.00	78.30 4.78 0.00	79.35 4.21 0.00	72.72 3.40 0.00	65.64 1.91 0.00	56.67 1.11 0.00	52.41 1.63 0.00	49.96 1.74 0.00
LOVETT__4 23642	43.53 1.79 0.00	40.88 1.50 0.00	37.08 1.22 0.00	34.47 1.07 0.00	32.88 1.02 0.00	36.02 0.95 0.00	40.12 1.24 0.00	41.35 1.67 0.00	39.41 1.91 0.00	39.40 1.98 0.00	42.03 2.30 0.00	46.30 2.74 0.00	49.27 2.92 0.00	53.46 3.03 0.00	55.10 2.87 0.00	56.62 2.85 0.00	67.56 3.70 0.00	78.30 4.78 0.00	79.35 4.21 0.00	72.72 3.40 0.00	65.64 1.91 0.00	56.67 1.11 0.00	52.41 1.63 0.00	49.96 1.74 0.00
LOVETT__5 23593	43.53 1.79 0.00	40.88 1.50 0.00	37.08 1.22 0.00	34.47 1.07 0.00	32.88 1.02 0.00	36.02 0.95 0.00	40.12 1.24 0.00	41.35 1.67 0.00	39.41 1.91 0.00	39.40 1.98 0.00	42.03 2.30 0.00	46.30 2.74 0.00	49.27 2.92 0.00	53.46 3.03 0.00	55.10 2.87 0.00	56.62 2.85 0.00	67.56 3.70 0.00	78.30 4.78 0.00	79.35 4.21 0.00	72.72 3.40 0.00	65.64 1.91 0.00	56.67 1.11 0.00	52.41 1.63 0.00	49.96 1.74 0.00
LOWER RAQUET__HYD 24057	41.95 0.21 0.00	39.46 0.08 0.00	35.93 0.07 0.00	33.57 0.17 0.00	31.96 0.10 0.00	35.32 0.25 0.00	39.11 0.23 0.00	39.80 0.12 0.00	37.42 -0.07 0.00	37.31 -0.11 0.00	39.49 -0.24 0.00	43.29 -0.26 0.00	45.88 -0.46 0.00	49.80 -0.66 -0.02	51.18 -1.04 0.00	52.43 -1.34 0.00	61.81 -2.05 0.00	70.72 -2.79 0.00	72.71 -2.48 -0.04	67.24 -2.08 0.00	62.58 -1.15 0.00	55.34 -0.28 -0.06	50.64 -0.15 0.00	48.38 0.15 -0.01
LOWER__HUDSON 24059	42.82 1.08 0.00	40.40 1.02 0.00	36.83 0.97 0.00	34.27 0.87 0.00	32.72 0.86 0.00	35.98 0.91 0.00	39.65 0.78 0.00	41.38 1.71 0.00	39.00 1.50 0.00	38.77 1.35 0.00	40.56 0.84 0.00	44.16 0.61 0.00	47.14 0.79 0.00	51.65 1.21 0.00	53.74 1.52 0.00	55.93 2.15 0.00	65.26 1.40 0.00	75.57 2.06 0.00	77.39 2.25 0.00	71.19 1.87 0.00	65.51 1.78 0.00	57.00 1.44 0.00	52.00 1.22 0.00	49.28 1.06 0.00

LOWVILLE_115KV_TB2 356335	42.87 1.13 0.00	40.33 0.95 0.00	36.76 0.90 0.00	34.33 0.94 0.00	32.81 0.96 0.00	36.30 1.23 0.00	40.20 1.32 0.00	40.87 1.19 0.00	38.21 0.71 0.00	37.98 0.56 0.00	40.08 0.36 0.00	43.77 0.22 0.00	46.53 0.19 0.00	50.61 0.10 -0.07	52.44 0.21 0.00	54.04 0.27 0.00	64.82 0.96 -0.01	75.43 1.91 0.00	77.91 2.63 -0.14	72.30 2.98 0.00	66.73 3.00 0.00	58.41 2.67 -0.18	53.02 2.23 0.00	50.29 2.03 -0.04
LUTHERFT_115KV_GLOB_FND_222 355753	43.20 1.46 0.00	40.76 1.38 0.00	37.15 1.29 0.00	34.57 1.17 0.00	32.97 1.12 0.00	36.30 1.23 0.00	40.08 1.21 0.00	41.31 1.63 0.00	38.96 1.46 0.00	38.66 1.23 0.00	40.52 0.79 0.00	44.25 0.70 0.00	47.23 0.88 0.00	51.50 1.06 0.00	53.74 1.51 0.00	55.87 2.10 0.00	65.84 1.98 0.00	76.31 2.79 0.00	78.52 3.38 0.00	72.37 3.05 0.00	66.66 2.93 0.00	57.84 2.28 0.00	52.77 1.98 0.00	50.01 1.78 0.00
LUTHERNY_35_KV_BK2 355980	43.24 1.50 0.00	40.80 1.42 0.00	37.15 1.29 0.00	34.57 1.17 0.00	33.01 1.15 0.00	36.33 1.26 0.00	40.08 1.21 0.00	41.35 1.67 0.00	38.96 1.46 0.00	38.66 1.23 0.00	40.56 0.83 0.00	44.25 0.70 0.00	47.27 0.93 0.00	51.55 1.11 0.00	53.80 1.57 0.00	55.92 2.15 0.00	65.90 2.04 0.00	76.38 2.87 0.00	78.60 3.46 0.00	72.44 3.12 0.00	66.73 3.00 0.00	57.89 2.33 0.00	52.82 2.03 0.00	50.05 1.83 0.00
LWR__OSWEGATCHIE_HYD 23850	42.24 0.50 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.83 0.43 0.00	32.24 0.38 0.00	35.67 0.60 0.00	39.50 0.62 0.00	40.20 0.52 0.00	37.68 0.19 0.00	37.53 0.11 0.00	39.69 -0.04 0.00	43.42 -0.13 0.00	46.07 -0.28 0.00	50.08 -0.40 -0.05	51.50 -0.73 0.00	52.70 -1.08 0.00	62.71 -1.15 -0.01	72.34 -1.18 0.00	74.48 -0.75 -0.09	68.98 -0.35 0.00	63.98 0.25 0.00	56.40 0.72 -0.12	51.50 0.71 0.00	49.12 0.87 -0.03
LYONS_FALL_HYD 23570	42.70 0.96 0.00	40.21 0.83 0.00	36.65 0.79 0.00	34.20 0.80 0.00	32.66 0.80 0.00	36.09 1.02 0.00	40.00 1.13 0.00	40.71 1.03 0.00	38.17 0.68 0.00	37.98 0.56 0.00	40.16 0.44 0.00	43.90 0.35 0.00	46.72 0.37 0.00	50.89 0.40 -0.05	52.75 0.52 0.00	54.36 0.59 0.00	65.07 1.21 0.00	75.57 2.06 0.00	77.71 2.48 -0.10	72.02 2.70 0.00	66.28 2.55 0.00	57.91 2.22 -0.13	52.67 1.88 0.00	49.94 1.69 -0.03
MADISON__COUNTY_LFGE 323628	42.49 0.75 0.00	40.05 0.67 0.00	36.50 0.65 0.00	34.07 0.67 0.00	32.50 0.64 0.00	35.88 0.81 0.00	39.77 0.89 0.00	40.51 0.83 0.00	38.09 0.60 0.00	37.94 0.52 0.00	40.20 0.48 0.00	44.03 0.48 0.00	46.90 0.56 0.00	51.28 0.81 -0.04	53.22 0.99 0.00	54.96 1.18 0.00	65.57 1.72 0.01	75.94 2.43 0.00	77.92 2.71 -0.07	72.03 2.70 0.00	66.09 2.36 0.00	57.60 1.94 -0.09	52.31 1.52 0.00	49.59 1.35 -0.02
MALONE__115KV_TB1 356076	42.28 0.54 0.00	39.77 0.39 0.00	36.25 0.39 0.00	33.80 0.40 0.00	32.18 0.32 0.00	35.53 0.46 0.00	39.34 0.47 0.00	40.12 0.44 0.00	37.79 0.30 0.00	37.83 0.41 0.00	40.08 0.36 0.00	43.99 0.44 0.00	46.63 0.28 0.00	50.59 0.15 0.00	52.12 -0.10 0.00	53.29 -0.48 0.00	63.22 -0.64 0.00	72.56 -0.96 0.00	74.46 -0.68 0.00	68.84 -0.49 0.00	63.79 0.06 0.00	56.28 0.72 0.00	51.35 0.56 0.00	48.90 0.68 0.00
MAPLEWOD_115KV_TB3 80458	42.57 0.83 0.00	40.17 0.79 0.00	36.65 0.79 0.00	34.07 0.67 0.00	32.53 0.67 0.00	35.77 0.70 0.00	39.42 0.54 0.00	40.27 0.60 0.00	38.09 0.60 0.00	37.94 0.52 0.00	40.16 0.44 0.00	43.95 0.39 0.00	46.86 0.51 0.00	51.04 0.61 0.00	53.01 0.78 0.00	54.79 1.02 0.00	65.20 1.34 0.00	75.43 1.91 0.00	77.17 2.03 0.00	70.99 1.66 0.00	65.20 1.47 0.00	56.62 1.06 0.00	51.75 0.96 0.00	49.04 0.82 0.00
MAPLE_RIDGE_WT_1 323574	41.49 -0.25 0.00	39.06 -0.32 0.00	35.50 -0.36 0.00	33.03 -0.37 0.00	31.48 -0.38 0.00	34.65 -0.42 0.00	38.41 -0.46 0.00	39.24 -0.44 0.00	37.16 -0.34 0.00	37.12 -0.30 0.00	39.37 -0.36 0.00	43.12 -0.44 0.00	45.79 -0.55 0.00	49.78 -0.66 0.00	51.50 -0.73 0.00	53.02 -0.75 0.00	62.96 -0.89 0.00	72.64 -0.88 0.00	74.39 -0.75 0.00	68.63 -0.69 0.00	63.09 -0.64 0.00	55.06 -0.50 0.00	50.33 -0.46 0.00	47.79 -0.43 0.00
MAPLE_RIDGE_WT_2 323611	41.49 -0.25 0.00	39.06 -0.32 0.00	35.50 -0.36 0.00	33.03 -0.37 0.00	31.48 -0.38 0.00	34.65 -0.42 0.00	38.41 -0.46 0.00	39.24 -0.44 0.00	37.16 -0.34 0.00	37.12 -0.30 0.00	39.37 -0.36 0.00	43.12 -0.44 0.00	45.79 -0.55 0.00	49.78 -0.66 0.00	51.50 -0.73 0.00	53.02 -0.75 0.00	62.96 -0.89 0.00	72.64 -0.88 0.00	74.39 -0.75 0.00	68.63 -0.69 0.00	63.09 -0.64 0.00	55.06 -0.50 0.00	50.33 -0.46 0.00	47.79 -0.43 0.00
MARBLE_RIVER_WT_PWR 323696	41.91 0.17 0.00	39.46 0.08 0.00	35.97 0.11 0.00	33.53 0.13 0.00	31.92 0.06 0.00	35.21 0.14 0.00	38.91 0.04 0.00	39.68 0.00 0.00	37.46 -0.04 0.00	37.50 0.07 0.00	39.84 0.12 0.00	43.69 0.13 0.00	46.35 0.00 0.00	50.34 -0.10 0.00	52.18 -0.05 0.00	53.56 -0.21 0.00	63.41 -0.44 0.00	72.56 -0.96 0.00	74.39 -0.75 0.00	68.70 -0.63 0.00	63.67 -0.06 0.00	55.95 0.39 0.00	51.04 0.26 0.00	48.42 0.19 0.00
MARSHVLE_115KV_TB1 80742	43.66 1.92 0.00	41.11 1.73 0.00	37.44 1.58 0.00	34.84 1.44 0.00	33.29 1.43 0.00	36.72 1.65 0.00	40.62 1.75 0.00	40.91 1.23 0.00	38.09 0.60 0.00	37.72 0.30 0.00	39.96 0.24 0.00	43.82 0.26 0.00	46.77 0.42 0.00	51.04 0.61 0.00	52.86 0.63 0.00	54.79 1.02 0.00	65.71 1.85 0.00	76.75 3.23 0.00	79.87 4.73 0.00	74.17 4.85 0.00	68.13 4.40 0.00	58.95 3.39 0.00	53.73 2.95 0.00	50.92 2.70 0.00
MARSH_HILL_WT_PWR 323713	41.24 -0.50 0.00	38.99 -0.39 0.00	35.36 -0.50 0.00	32.93 -0.47 0.00	31.29 -0.57 0.00	34.68 -0.38 0.00	38.76 -0.12 0.00	39.60 -0.08 0.00	37.01 -0.49 0.00	36.67 -0.75 0.00	39.13 -0.59 0.00	42.73 -0.83 0.00	45.10 -1.25 0.00	49.50 -0.96 -0.02	51.29 -0.94 0.00	52.91 -0.86 0.00	62.62 -1.22 0.03	73.74 0.22 0.00	76.46 1.28 -0.04	71.89 2.57 0.00	65.13 1.40 0.00	56.78 1.17 -0.05	51.24 0.46 0.00	48.57 0.34 -0.01
MCINTYRE_115KV_TB2 80467	42.57 0.83 0.00	40.05 0.67 0.00	36.50 0.65 0.00	34.10 0.70 0.00	32.50 0.64 0.00	35.91 0.84 0.00	39.73 0.86 0.00	40.31 0.63 0.00	37.72 0.22 0.00	37.61 0.19 0.00	39.73 0.00 0.00	43.51 -0.04 0.00	46.16 -0.19 0.00	50.10 -0.35 -0.02	51.60 -0.63 0.00	52.59 -1.18 0.00	62.45 -1.40 0.00	71.68 -1.84 0.00	73.90 -1.28 -0.04	68.63 -0.69 0.00	63.98 0.25 0.00	56.55 0.94 -0.05	51.70 0.91 0.00	49.34 1.11 -0.01
MECO____69_KV_BK1 80468	44.04 2.30 0.00	41.51 2.13 0.00	37.76 1.90 0.00	35.14 1.74 0.00	33.58 1.72 0.00	37.03 1.96 0.00	40.97 2.10 0.00	41.31 1.63 0.00	38.36 0.86 0.00	37.87 0.45 0.00	40.00 0.28 0.00	43.82 0.26 0.00	46.77 0.42 0.00	51.14 0.71 0.00	53.12 0.89 0.00	55.06 1.29 0.00	66.03 2.17 0.00	77.34 3.82 0.00	80.47 5.33 0.00	74.80 5.48 0.00	68.76 5.03 0.00	59.51 3.94 0.00	54.24 3.45 0.00	51.36 3.13 0.00

MENANDS__115KV_TB5 355628	42.28 0.54 0.00	39.93 0.55 0.00	36.40 0.54 0.00	33.87 0.47 0.00	32.34 0.48 0.00	35.53 0.46 0.00	39.18 0.31 0.00	40.00 0.32 0.00	37.87 0.37 0.00	37.72 0.30 0.00	39.96 0.24 0.00	43.68 0.13 0.00	46.58 0.23 0.00	50.74 0.30 0.00	52.65 0.42 0.00	54.42 0.65 0.00	64.75 0.89 0.00	74.91 1.40 0.00	76.57 1.43 0.00	70.36 1.04 0.00	64.56 0.83 0.00	56.12 0.56 0.00	51.30 0.51 0.00	48.61 0.39 0.00
MG INDUSTRY__DRP 24185	42.45 0.71 0.00	40.05 0.67 0.00	36.50 0.65 0.00	33.97 0.57 0.00	32.43 0.57 0.00	35.60 0.53 0.00	39.30 0.43 0.00	40.00 0.32 0.00	37.76 0.26 0.00	37.57 0.15 0.00	39.80 0.08 0.00	43.60 0.04 0.00	46.49 0.14 0.00	50.64 0.20 0.00	52.49 0.26 0.00	54.20 0.43 0.00	64.62 0.77 0.00	74.84 1.32 0.00	76.64 1.50 0.00	70.57 1.25 0.00	64.75 1.02 0.00	56.28 0.72 0.00	51.50 0.71 0.00	48.90 0.68 0.00
MID__OSWEGATCHIE_HYD 23849	42.24 0.50 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.83 0.43 0.00	32.24 0.38 0.00	35.67 0.60 0.00	39.50 0.62 0.00	40.20 0.52 0.00	37.68 0.19 0.00	37.53 0.11 0.00	39.69 -0.04 0.00	43.42 -0.13 0.00	46.07 -0.28 0.00	50.08 -0.40 -0.05	51.50 -0.73 0.00	52.70 -1.08 0.00	62.71 -1.15 -0.01	72.34 -1.18 0.00	74.48 -0.75 -0.09	68.98 -0.35 0.00	63.98 0.25 0.00	56.40 0.72 -0.12	51.50 0.71 0.00	49.12 0.87 -0.03
MID__RAQUETTE_HYD 23851	41.95 0.21 0.00	39.46 0.08 0.00	35.93 0.07 0.00	33.57 0.17 0.00	31.95 0.10 0.00	35.31 0.25 0.00	39.11 0.23 0.00	39.84 0.16 0.00	37.42 -0.07 0.00	37.31 -0.11 0.00	39.49 -0.24 0.00	43.29 -0.26 0.00	45.88 -0.46 0.00	49.80 -0.66 -0.02	51.08 -1.15 0.00	52.00 -1.77 0.00	61.56 -2.30 0.00	70.58 -2.94 0.00	72.48 -2.71 -0.04	67.03 -2.29 0.00	62.33 -1.40 0.00	55.17 -0.44 -0.06	50.58 -0.20 0.00	48.38 0.14 -0.01
MILLIKEN__1 23584	41.99 0.25 0.00	39.70 0.32 0.00	36.11 0.25 0.00	33.67 0.27 0.00	32.08 0.22 0.00	35.46 0.39 0.00	39.38 0.51 0.00	40.12 0.44 0.00	37.72 0.22 0.00	37.50 0.07 0.00	39.84 0.12 0.00	43.68 0.13 0.00	46.49 0.14 0.00	50.86 0.35 -0.07	52.70 0.47 0.00	54.42 0.65 0.00	64.81 0.96 0.01	75.28 1.76 0.00	77.47 2.18 -0.15	71.75 2.43 0.00	65.58 1.85 0.00	57.19 1.44 -0.19	51.70 0.91 0.00	49.09 0.82 -0.04
MILLIKEN__2 23585	41.99 0.25 0.00	39.70 0.32 0.00	36.11 0.25 0.00	33.67 0.27 0.00	32.08 0.22 0.00	35.46 0.39 0.00	39.38 0.51 0.00	40.12 0.44 0.00	37.72 0.22 0.00	37.50 0.07 0.00	39.84 0.12 0.00	43.68 0.13 0.00	46.49 0.14 0.00	50.86 0.35 -0.07	52.70 0.47 0.00	54.42 0.65 0.00	64.81 0.96 0.01	75.28 1.76 0.00	77.47 2.18 -0.15	71.75 2.43 0.00	65.58 1.85 0.00	57.19 1.44 -0.19	51.70 0.91 0.00	49.09 0.82 -0.04
MILLIKEN__DIESEL 23629	41.99 0.25 0.00	39.70 0.32 0.00	36.11 0.25 0.00	33.67 0.27 0.00	32.08 0.22 0.00	35.46 0.39 0.00	39.38 0.51 0.00	40.12 0.44 0.00	37.72 0.22 0.00	37.50 0.07 0.00	39.84 0.12 0.00	43.68 0.13 0.00	46.49 0.14 0.00	50.86 0.35 -0.07	52.70 0.47 0.00	54.42 0.65 0.00	64.81 0.96 0.01	75.28 1.76 0.00	77.47 2.18 -0.15	71.75 2.43 0.00	65.58 1.85 0.00	57.19 1.44 -0.19	51.70 0.91 0.00	49.09 0.82 -0.04
MILLSEAT__LFGE 323607	41.03 -0.71 0.00	38.67 -0.71 0.00	35.25 -0.61 0.00	32.93 -0.47 0.00	31.25 -0.61 0.00	34.75 -0.32 0.00	38.95 0.08 0.00	40.08 0.40 0.00	37.35 -0.15 0.00	37.12 -0.30 0.00	39.73 0.00 0.00	43.47 -0.09 0.00	45.51 -0.83 0.00	50.09 -0.35 0.00	51.50 -0.73 0.00	53.02 -0.75 0.00	63.12 -0.70 0.04	74.10 0.59 0.00	76.42 1.28 0.00	71.96 2.63 0.00	65.07 1.34 0.00	56.78 1.22 0.00	51.24 0.46 0.00	48.27 0.05 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.74 2.00 0.00	41.03 1.65 0.00	37.22 1.36 0.00	34.60 1.20 0.00	33.01 1.15 0.00	36.16 1.09 0.00	40.27 1.40 0.00	41.54 1.86 0.00	39.56 2.06 0.00	39.55 2.13 0.00	42.23 2.50 0.00	46.56 3.01 0.00	49.55 3.20 0.00	53.72 3.28 0.00	55.36 3.13 0.00	56.89 3.12 0.00	67.88 4.02 0.00	78.66 5.15 0.00	79.72 4.58 0.00	73.07 3.74 0.00	65.96 2.23 0.00	56.95 1.39 0.00	52.72 1.93 0.00	50.20 1.98 0.00
MILLWOOD_13_KV_LOAD 356217	43.83 2.09 0.00	41.15 1.77 0.00	37.33 1.47 0.00	34.70 1.30 0.00	33.10 1.24 0.00	36.26 1.19 0.00	40.39 1.52 0.00	41.66 1.98 0.00	39.67 2.17 0.00	39.67 2.25 0.00	42.35 2.62 0.00	46.69 3.14 0.00	49.68 3.34 0.00	53.92 3.48 0.00	55.52 3.29 0.00	57.05 3.28 0.00	68.14 4.28 0.00	78.96 5.44 0.00	80.02 4.88 0.00	73.34 4.02 0.00	66.22 2.49 0.00	57.12 1.56 0.00	52.87 2.08 0.00	50.34 2.12 0.00
MODEL_CITY_ENERGY 24167	38.82 -2.92 0.00	36.74 -2.64 0.00	33.42 -2.44 0.00	31.19 -2.21 0.00	29.66 -2.20 0.00	32.82 -2.25 0.00	36.85 -2.02 0.00	37.93 -1.74 0.00	35.43 -2.06 0.00	35.21 -2.21 0.00	37.74 -1.99 0.00	41.20 -2.35 0.00	43.10 -3.25 0.00	47.46 -2.98 0.00	48.78 -3.45 0.00	50.17 -3.60 0.00	59.48 -4.34 0.04	69.62 -3.90 0.00	71.61 -3.53 0.00	67.59 -1.73 0.00	61.24 -2.49 0.00	53.62 -1.95 0.00	48.55 -2.23 0.00	45.91 -2.31 0.00
MODERN_LFGE__ 323580	38.82 -2.92 0.00	36.74 -2.64 0.00	33.42 -2.44 0.00	31.19 -2.21 0.00	29.66 -2.20 0.00	32.82 -2.25 0.00	36.85 -2.02 0.00	37.93 -1.74 0.00	35.43 -2.06 0.00	35.21 -2.21 0.00	37.74 -1.99 0.00	41.20 -2.35 0.00	43.10 -3.25 0.00	47.46 -2.98 0.00	48.78 -3.45 0.00	50.17 -3.60 0.00	59.48 -4.34 0.04	69.62 -3.90 0.00	71.61 -3.53 0.00	67.59 -1.73 0.00	61.24 -2.49 0.00	53.62 -1.95 0.00	48.55 -2.23 0.00	45.91 -2.31 0.00
MOHAWK_PAPER__DRP 24187	42.57 0.83 0.00	40.17 0.79 0.00	36.65 0.79 0.00	34.07 0.67 0.00	32.53 0.67 0.00	35.77 0.70 0.00	39.42 0.54 0.00	40.27 0.60 0.00	38.09 0.60 0.00	37.94 0.52 0.00	40.16 0.44 0.00	43.95 0.39 0.00	46.86 0.51 0.00	51.04 0.61 0.00	53.01 0.78 0.00	54.79 1.02 0.00	65.20 1.34 0.00	75.43 1.91 0.00	77.17 2.03 0.00	70.99 1.66 0.00	65.20 1.47 0.00	56.62 1.06 0.00	51.75 0.96 0.00	49.04 0.82 0.00
MOHICAN__35_KV_115KV_LD 80490	43.28 1.54 0.00	40.88 1.50 0.00	37.22 1.36 0.00	34.64 1.24 0.00	33.07 1.21 0.00	36.44 1.37 0.00	40.20 1.32 0.00	41.35 1.67 0.00	38.92 1.42 0.00	38.58 1.16 0.00	40.20 0.48 0.00	43.90 0.35 0.00	46.90 0.56 0.00	51.20 0.76 0.00	53.43 1.20 0.00	55.60 1.83 0.00	65.58 1.72 0.00	76.16 2.65 0.00	78.90 3.76 0.00	72.79 3.47 0.00	67.43 3.70 0.00	58.34 2.78 0.00	53.18 2.39 0.00	50.34 2.12 0.00
MONGAUP__HYD 23641	43.53 1.79 0.00	40.91 1.53 0.00	37.19 1.33 0.00	34.50 1.10 0.00	32.91 1.05 0.00	36.05 0.98 0.00	40.04 1.17 0.00	41.03 1.35 0.00	38.92 1.42 0.00	38.81 1.39 0.00	41.27 1.55 0.00	45.47 1.91 0.00	48.53 2.18 0.00	52.71 2.27 0.00	54.52 2.30 0.00	55.98 2.21 0.00	67.05 3.19 0.00	78.15 4.63 0.00	79.80 4.66 0.00	73.48 4.16 0.00	66.73 3.00 0.00	57.62 2.06 0.00	52.82 2.03 0.00	50.29 2.07 0.00

MONTAUK___DIESEL 23721	60.72 4.80 -14.18	56.58 4.17 -13.03	51.90 3.48 -12.56	49.48 3.14 -12.94	47.14 3.06 -12.22	50.63 3.16 -12.40	50.57 3.81 -7.88	54.42 4.64 -10.10	56.86 4.95 -14.42	60.65 5.43 -17.80	60.90 5.92 -15.25	64.11 6.75 -13.80	81.88 6.95 -28.58	162.00 6.51 -105.06	173.68 7.16 -114.29	275.63 7.10 -214.76	367.31 6.83 -296.62	484.22 7.20 -403.49	356.37 6.84 -274.39	415.68 5.34 -341.02	282.63 3.95 -214.95	173.30 4.06 -113.68	87.32 3.71 -32.82	61.05 3.62 -9.21
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.78 -0.96 0.00	38.28 -1.10 0.00	34.82 -1.04 0.00	32.40 -1.00 0.00	30.65 -1.21 0.00	34.05 -1.02 0.00	38.29 -0.58 0.00	39.48 -0.20 0.00	37.16 -0.34 0.00	36.93 -0.49 0.00	39.53 -0.20 0.00	43.08 -0.48 0.00	45.75 -0.60 0.00	50.44 0.00 0.00	52.12 -0.10 0.00	53.61 -0.16 0.00	63.70 -0.13 0.03	74.77 1.25 0.00	77.62 2.48 0.00	73.20 3.88 0.00	66.41 2.68 0.00	57.62 2.06 0.00	51.45 0.66 0.00	48.61 0.39 0.00
MORRIS_RIDGE___SOLAR 323848	40.61 -1.13 0.00	38.40 -0.98 0.00	34.86 -1.00 0.00	32.50 -0.90 0.00	30.87 -0.99 0.00	34.19 -0.88 0.00	38.25 -0.62 0.00	39.12 -0.56 0.00	36.56 -0.94 0.00	36.22 -1.20 0.00	38.65 -1.07 0.00	42.25 -1.31 0.00	44.59 -1.76 0.00	49.03 -1.41 0.00	50.66 -1.57 0.00	52.27 -1.51 0.00	61.92 -1.91 0.03	72.71 -0.81 0.00	75.14 0.00 0.00	70.78 1.46 0.00	63.99 0.26 0.00	55.73 0.17 0.00	50.43 -0.35 0.00	47.74 -0.48 0.00
MORTIMER_115KV_TB3 55949	40.95 -0.79 0.00	38.67 -0.71 0.00	35.21 -0.65 0.00	32.87 -0.53 0.00	31.25 -0.61 0.00	34.65 -0.42 0.00	38.72 -0.16 0.00	39.76 0.08 0.00	37.31 -0.19 0.00	37.20 -0.22 0.00	39.77 0.04 0.00	43.55 0.00 0.00	46.16 -0.19 0.00	50.64 0.20 0.00	52.39 0.16 0.00	53.77 0.00 0.00	63.82 0.00 0.04	74.25 0.74 0.00	76.34 1.20 0.00	71.40 2.08 0.00	65.00 1.27 0.00	56.62 1.06 0.00	50.99 0.20 0.00	48.17 -0.05 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.16 2.42 0.00	41.35 1.97 0.00	37.47 1.61 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.94 2.26 0.00	39.97 2.47 0.00	39.97 2.54 0.00	42.74 3.02 0.00	47.15 3.61 0.01	50.19 3.85 0.00	54.37 3.93 0.00	55.78 3.55 0.00	57.16 3.39 0.00	68.20 4.34 0.00	79.03 5.51 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.96 2.23 0.00	57.01 1.44 0.00	53.07 2.29 0.00	50.68 2.46 0.00
MUNSVILLE_WIND_PWR 323609	43.70 1.96 0.00	41.15 1.77 0.00	37.51 1.65 0.00	35.04 1.64 0.00	33.45 1.59 0.00	37.00 1.93 0.00	41.05 2.18 0.00	41.82 2.14 0.00	39.00 1.50 0.00	38.62 1.20 0.00	40.88 1.15 0.00	44.64 1.09 0.00	47.51 1.16 0.00	52.14 1.66 -0.04	54.21 1.98 0.00	56.08 2.31 0.00	67.17 3.32 0.01	78.81 5.30 0.00	81.31 6.08 -0.08	75.35 6.03 0.00	68.83 5.10 0.00	59.89 4.22 -0.11	54.24 3.46 0.00	51.43 3.18 -0.03
N SALMON___HYD 24042	42.28 0.54 0.00	39.77 0.39 0.00	36.25 0.40 0.00	33.80 0.40 0.00	32.18 0.32 0.00	35.52 0.45 0.00	39.34 0.47 0.00	40.12 0.44 0.00	37.79 0.30 0.00	37.83 0.41 0.00	40.08 0.36 0.00	43.99 0.44 0.00	46.63 0.28 0.00	50.59 0.15 0.00	52.39 0.16 0.00	53.72 -0.05 0.00	63.67 -0.19 0.00	72.85 -0.66 0.00	74.84 -0.30 0.00	69.25 -0.07 0.00	64.24 0.51 0.00	56.56 1.00 0.00	51.55 0.76 0.00	48.90 0.67 0.00
N.AKRON__115KV_KNAPP 355671	40.36 -1.38 0.00	38.12 -1.26 0.00	34.71 -1.15 0.00	32.40 -1.00 0.00	30.78 -1.08 0.00	34.19 -0.88 0.00	38.33 -0.54 0.00	39.44 -0.24 0.00	36.78 -0.71 0.00	36.56 -0.86 0.00	39.17 -0.56 0.00	42.81 -0.74 0.00	45.37 -0.97 0.00	49.88 -0.55 0.00	51.60 -0.63 0.00	52.80 -0.97 0.00	62.73 -1.09 0.04	73.37 -0.15 0.00	75.82 0.68 0.00	71.47 2.15 0.00	65.26 1.53 0.00	56.78 1.22 0.00	50.94 0.15 0.00	48.08 -0.14 0.00
N.BELMOR_69_KV_BK1 55787	44.87 3.13 0.00	41.90 2.52 0.00	37.90 2.04 0.00	35.14 1.74 0.00	33.52 1.66 0.00	36.65 1.58 0.00	40.86 1.98 0.00	42.26 2.58 0.00	40.42 2.92 0.00	40.64 3.22 0.00	47.45 3.50 -4.23	48.97 4.09 -1.32	50.70 4.36 0.00	54.47 4.04 0.00	56.62 4.39 0.00	58.09 4.30 -0.02	69.11 5.24 -0.02	80.14 6.62 -0.01	80.84 5.94 0.24	73.83 4.51 0.00	66.34 2.61 0.00	58.12 2.56 0.00	53.48 2.69 0.00	51.07 2.85 0.00
N.E._GEN_SANDY PD 24062	42.95 1.21 0.00	41.99 1.14 -1.47	38.14 1.04 -1.24	38.10 0.93 -3.77	37.20 0.89 -4.45	40.44 0.91 -4.46	39.65 0.78 0.00	43.29 3.61 0.00	40.68 3.19 0.00	40.42 2.99 0.00	41.75 2.02 0.00	44.99 1.44 0.00	47.48 1.76 0.62	53.63 2.57 -0.62	55.47 3.24 0.00	58.34 4.57 0.00	65.64 1.79 0.00	75.94 2.42 0.00	77.47 2.33 0.00	71.19 1.87 0.00	65.26 1.53 0.00	56.78 1.22 0.00	51.90 1.12 0.00	49.19 0.96 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.58 1.84 0.00	40.92 1.54 0.00	37.15 1.29 0.00	34.50 1.10 0.00	32.91 1.05 0.00	36.05 0.98 0.00	40.16 1.28 0.00	41.39 1.71 0.00	39.44 1.95 0.00	39.40 1.98 0.00	42.07 2.34 0.00	46.34 2.79 0.00	49.36 3.01 0.00	53.57 3.13 0.00	55.26 3.03 0.00	56.84 3.07 0.00	67.88 4.02 0.00	78.59 5.07 0.00	79.72 4.58 0.00	73.00 3.67 0.00	65.90 2.17 0.00	56.84 1.28 0.00	52.57 1.78 0.00	50.05 1.83 0.00
N.QUEENS_27_KV_LOAD 356247	44.37 2.63 0.00	41.47 2.09 0.00	37.47 1.61 0.00	34.77 1.37 0.00	33.13 1.27 0.00	36.09 1.02 0.00	40.35 1.48 0.00	41.78 2.10 0.00	39.89 2.40 0.00	39.89 2.47 0.00	42.86 3.14 0.00	47.19 3.61 -0.02	50.24 3.89 0.00	54.32 3.88 0.00	55.68 3.45 0.00	56.94 3.17 0.00	68.01 4.15 0.00	78.74 5.22 0.00	79.72 4.58 0.00	72.99 3.67 0.00	65.57 1.85 0.01	56.67 1.11 0.00	53.53 2.74 0.00	51.02 2.80 0.00
N.TROY___115KV_TB1 355778	42.83 1.09 0.00	40.40 1.02 0.00	36.83 0.97 0.00	34.27 0.87 0.00	32.72 0.86 0.00	35.98 0.91 0.00	39.65 0.78 0.00	41.31 1.63 0.00	38.99 1.50 0.00	38.77 1.35 0.00	40.56 0.83 0.00	44.16 0.61 0.00	47.09 0.74 0.00	51.30 0.86 0.00	53.74 1.51 0.00	56.03 2.26 0.00	65.39 1.53 0.00	75.65 2.13 0.00	77.47 2.33 0.00	71.26 1.94 0.00	65.58 1.85 0.00	57.01 1.44 0.00	52.01 1.22 0.00	49.24 1.01 0.00
NARROWS_GT1_1 24228	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT1_2 24229	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01

NARROWS_GT1_3 24230	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT1_4 24231	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT1_5 24232	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT1_6 24233	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT1_7 24234	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT1_8 24235	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT2_1 24236	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT2_2 24237	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT2_3 24238	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT2_4 24239	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT2_5 24240	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT2_6 24241	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT2_7 24242	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NARROWS_GT2_8 24243	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	80.02 4.88 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.91 1.17 0.00	40.44 1.06 0.00	36.90 1.04 0.00	34.27 0.87 0.00	32.69 0.83 0.00	35.88 0.81 0.00	39.53 0.66 0.00	40.20 0.52 0.00	37.87 0.37 0.00	37.57 0.15 0.00	39.77 0.04 0.00	43.55 0.00 0.00	46.53 0.19 0.00	50.79 0.35 0.00	52.80 0.57 0.00	54.69 0.91 0.00	65.52 1.66 0.00	76.16 2.65 0.00	78.14 3.01 0.00	72.03 2.70 0.00	66.15 2.42 0.00	57.28 1.72 0.00	52.21 1.42 0.00	49.52 1.30 0.00

NCHELSEA_115KV_TR2 355582	43.83 2.09 0.00	41.15 1.77 0.00	37.37 1.51 0.00	34.70 1.30 0.00	33.10 1.24 0.00	36.23 1.16 0.00	40.31 1.44 0.00	41.43 1.75 0.00	39.41 1.91 0.00	39.33 1.91 0.00	41.91 2.18 0.00	46.21 2.66 0.00	49.27 2.92 0.00	53.52 3.08 0.00	55.31 3.08 0.00	57.00 3.23 0.00	68.14 4.28 0.00	78.88 5.37 0.00	80.02 4.88 0.00	73.41 4.09 0.00	66.53 2.80 0.00	57.51 1.94 0.00	52.97 2.18 0.00	50.44 2.22 0.00
NEG CAPITAL___MECHNVIL 23645	43.29 1.55 0.00	40.88 1.50 0.00	37.22 1.36 0.00	34.64 1.24 0.00	33.04 1.18 0.00	36.37 1.30 0.00	40.12 1.24 0.00	41.58 1.90 0.00	39.14 1.65 0.00	38.84 1.42 0.00	40.72 0.99 0.00	44.42 0.87 0.00	47.46 1.11 0.00	52.00 1.57 0.00	54.11 1.88 0.00	56.19 2.42 0.00	65.96 2.10 0.00	76.60 3.09 0.00	78.75 3.61 0.00	72.51 3.19 0.00	66.79 3.06 0.00	58.00 2.44 0.00	52.92 2.13 0.00	50.15 1.93 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.53 -1.21 0.00	38.32 -1.06 0.00	34.89 -0.97 0.00	32.53 -0.87 0.00	30.97 -0.89 0.00	34.33 -0.74 0.00	38.33 -0.54 0.00	39.24 -0.44 0.00	36.86 -0.64 0.00	36.78 -0.64 0.00	39.25 -0.48 0.00	43.03 -0.52 0.00	45.61 -0.74 0.00	49.96 -0.50 -0.03	51.76 -0.47 0.00	53.18 -0.59 0.00	63.19 -0.64 0.03	73.37 -0.15 0.00	75.42 0.23 -0.05	70.29 0.97 0.00	64.05 0.32 0.00	55.85 0.22 -0.07	50.33 -0.46 0.00	47.56 -0.68 -0.02
NEG CENTRAL___DRP 24199	41.41 -0.33 0.00	39.14 -0.24 0.00	35.61 -0.25 0.00	33.20 -0.20 0.00	31.60 -0.25 0.00	35.00 -0.07 0.00	38.95 0.08 0.00	39.72 0.04 0.00	37.34 -0.15 0.00	37.16 -0.26 0.00	39.57 -0.16 0.00	43.42 -0.13 0.00	46.16 -0.19 0.00	50.51 0.00 -0.07	52.28 0.05 0.00	53.93 0.16 0.00	63.91 0.06 0.01	74.25 0.74 0.00	76.41 1.13 -0.14	70.85 1.53 0.00	64.69 0.96 0.00	56.63 0.89 -0.18	51.04 0.25 0.00	48.51 0.24 -0.04
NEG CENTRAL___INDECK 23768	42.16 0.42 0.00	39.81 0.43 0.00	36.22 0.36 0.00	33.80 0.40 0.00	32.11 0.25 0.00	35.70 0.63 0.00	39.92 1.05 0.00	40.71 1.03 0.00	37.87 0.37 0.00	37.53 0.11 0.00	40.01 0.28 0.00	43.86 0.31 0.00	46.30 -0.05 0.00	50.84 0.40 0.00	52.54 0.32 0.00	54.31 0.54 0.00	64.72 0.89 0.03	76.02 2.50 0.00	78.60 3.46 0.00	74.10 4.78 0.00	67.11 3.38 0.00	58.45 2.89 0.00	52.67 1.88 0.00	49.67 1.45 0.00
NEG CENTRAL___SENECA 23627	41.41 -0.33 0.00	39.14 -0.24 0.00	35.57 -0.29 0.00	33.17 -0.23 0.00	31.57 -0.29 0.00	35.00 -0.07 0.00	38.99 0.12 0.00	39.80 0.12 0.00	37.38 -0.11 0.00	37.16 -0.26 0.00	39.65 -0.08 0.00	43.47 -0.09 0.00	46.16 -0.19 0.00	50.52 0.05 -0.03	52.28 0.05 0.00	53.93 0.16 0.00	63.71 -0.13 0.02	74.18 0.66 0.00	76.41 1.20 -0.07	71.12 1.80 0.00	64.81 1.08 0.00	56.76 1.11 -0.09	51.09 0.30 0.00	48.63 0.39 -0.02
NEG CENTRAL___STATE_STREET 24147	41.61 -0.13 0.00	39.38 0.00 0.00	35.79 -0.07 0.00	33.37 -0.03 0.00	31.80 -0.06 0.00	35.17 0.11 0.00	39.07 0.19 0.00	39.76 0.08 0.00	37.46 -0.04 0.00	37.31 -0.11 0.00	39.69 -0.04 0.00	43.51 -0.04 0.00	46.30 -0.05 0.00	50.64 0.10 -0.10	52.44 0.21 0.00	54.20 0.43 0.00	64.37 0.51 0.00	74.62 1.10 0.00	76.85 1.50 -0.20	71.06 1.73 0.00	65.00 1.27 0.00	56.76 0.94 -0.26	51.25 0.46 0.00	48.62 0.34 -0.06
NEG MILLWOOD___DRP 24198	43.99 2.25 0.00	41.31 1.93 0.00	37.51 1.65 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.44 1.37 0.00	40.58 1.71 0.00	41.74 2.06 0.00	39.74 2.25 0.00	39.70 2.28 0.00	42.39 2.66 0.00	46.69 3.14 0.00	49.73 3.38 0.00	54.02 3.58 0.00	55.68 3.45 0.00	57.48 3.71 0.00	68.71 4.85 0.00	79.69 6.18 0.00	80.70 5.56 0.00	74.04 4.71 0.00	67.04 3.31 0.00	57.78 2.22 0.00	53.28 2.49 0.00	50.68 2.46 0.00
NEG NORTH_FLCN_SEA 23793	42.37 0.63 0.00	39.89 0.51 0.00	36.36 0.50 0.00	33.90 0.50 0.00	32.24 0.38 0.00	35.56 0.49 0.00	39.46 0.58 0.00	40.23 0.56 0.00	37.94 0.45 0.00	38.02 0.60 0.00	40.36 0.64 0.00	44.25 0.70 0.00	46.95 0.60 0.00	50.99 0.55 0.00	51.71 -0.52 0.00	52.54 -1.24 0.00	62.32 -1.53 0.00	72.12 -1.40 0.00	73.94 -1.20 0.00	68.28 -1.04 0.00	63.22 -0.51 0.00	55.62 0.06 0.00	51.09 0.30 0.00	48.95 0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	41.95 0.21 0.00	39.54 0.16 0.00	36.00 0.14 0.00	33.57 0.17 0.00	31.95 0.10 0.00	35.21 0.14 0.00	38.91 0.04 0.00	39.64 -0.04 0.00	37.42 -0.07 0.00	37.38 -0.04 0.00	39.73 0.00 0.00	43.55 0.00 0.00	46.21 -0.14 0.00	50.19 -0.25 0.00	51.76 -0.47 0.00	52.97 -0.81 0.00	62.84 -1.02 0.00	72.12 -1.40 0.00	73.94 -1.20 0.00	68.35 -0.97 0.00	63.35 -0.38 0.00	55.67 0.11 0.00	50.94 0.15 0.00	48.46 0.24 0.00
NEG NORTH___ALICE_FALLS 23915	42.45 0.71 0.00	39.97 0.59 0.00	36.40 0.54 0.00	33.97 0.57 0.00	32.31 0.45 0.00	35.67 0.60 0.00	39.46 0.58 0.00	40.20 0.52 0.00	37.87 0.37 0.00	37.94 0.52 0.00	40.28 0.56 0.00	44.16 0.61 0.00	46.86 0.51 0.00	50.89 0.45 0.00	52.23 0.00 0.00	53.29 -0.48 0.00	63.28 -0.57 0.00	72.64 -0.88 0.00	74.54 -0.60 0.00	68.84 -0.49 0.00	63.79 0.06 0.00	56.17 0.61 0.00	51.40 0.61 0.00	49.09 0.87 0.00
NEG NORTH___LWR_SARANAC 23913	42.45 0.71 0.00	39.97 0.59 0.00	36.40 0.54 0.00	33.97 0.57 0.00	32.31 0.45 0.00	35.67 0.60 0.00	39.46 0.58 0.00	40.20 0.52 0.00	37.87 0.37 0.00	37.94 0.52 0.00	40.28 0.56 0.00	44.16 0.61 0.00	46.86 0.51 0.00	50.89 0.45 0.00	52.23 0.00 0.00	53.29 -0.48 0.00	63.28 -0.57 0.00	72.64 -0.88 0.00	74.54 -0.60 0.00	68.84 -0.49 0.00	63.79 0.06 0.00	56.17 0.61 0.00	51.40 0.61 0.00	49.09 0.87 0.00
NEG NORTH___PLATTSBURG 23628	42.45 0.71 0.00	39.97 0.59 0.00	36.40 0.54 0.00	33.97 0.57 0.00	32.31 0.45 0.00	35.67 0.60 0.00	39.46 0.58 0.00	40.19 0.51 0.00	37.87 0.37 0.00	37.94 0.52 0.00	40.28 0.56 0.00	44.16 0.61 0.00	46.86 0.51 0.00	50.89 0.45 0.00	52.75 0.52 0.00	54.20 0.43 0.00	64.24 0.39 0.00	73.52 0.00 0.00	75.52 0.38 0.00	69.81 0.49 0.00	64.69 0.96 0.00	56.89 1.33 0.00	51.80 1.02 0.00	49.09 0.87 0.00
NEG WEST_LEA_LOCKPORT 23791	39.53 -2.21 0.00	37.41 -1.97 0.00	34.03 -1.83 0.00	31.76 -1.64 0.00	30.17 -1.69 0.00	33.46 -1.61 0.00	37.51 -1.36 0.00	38.61 -1.07 0.00	36.03 -1.46 0.00	35.85 -1.57 0.00	38.41 -1.31 0.00	41.90 -1.66 0.00	44.45 -1.90 0.00	48.93 -1.51 0.00	50.61 -1.62 0.00	51.73 -2.04 0.00	61.39 -2.43 0.04	71.53 -1.98 0.00	73.86 -1.28 0.00	69.74 0.42 0.00	63.54 -0.19 0.00	55.45 -0.11 0.00	49.77 -1.02 0.00	47.07 -1.16 0.00
NEG WEST___LANCASTR 23811	39.82 -1.92 0.00	37.69 -1.69 0.00	34.25 -1.61 0.00	31.93 -1.47 0.00	30.36 -1.50 0.00	33.63 -1.44 0.00	37.71 -1.17 0.00	38.81 -0.87 0.00	36.41 -1.09 0.00	36.22 -1.20 0.00	38.85 -0.87 0.00	42.42 -1.13 0.00	45.05 -1.30 0.00	49.68 -0.76 0.00	51.50 -0.73 0.00	52.80 -0.97 0.00	62.42 -1.40 0.03	73.30 -0.22 0.00	75.67 0.53 0.00	71.12 1.80 0.00	64.49 0.76 0.00	55.89 0.33 0.00	49.98 -0.81 0.00	47.21 -1.01 0.00

NEG_PENN_ALLEGHNY 23528	41.40 -0.34 0.00	39.15 -0.23 0.00	35.57 -0.29 0.00	33.13 -0.27 0.00	31.57 -0.29 0.00	34.89 -0.17 0.00	38.83 -0.04 0.00	39.68 0.00 0.00	37.38 -0.11 0.00	37.23 -0.19 0.00	39.73 0.00 0.00	43.55 0.00 0.00	46.26 -0.09 0.00	50.63 0.15 -0.04	52.44 0.21 0.00	54.15 0.38 0.00	64.30 0.45 0.01	74.77 1.25 0.00	76.73 1.50 -0.09	70.98 1.66 0.00	64.56 0.83 0.00	56.23 0.56 -0.11	50.99 0.20 0.00	48.39 0.15 -0.03
NEG___GEN_MONROE 24207	41.20 -0.54 0.00	38.87 -0.51 0.00	35.39 -0.47 0.00	32.97 -0.43 0.00	31.35 -0.51 0.00	34.79 -0.28 0.00	38.91 0.04 0.00	39.96 0.28 0.00	37.38 -0.11 0.00	37.27 -0.15 0.00	39.84 0.12 0.00	43.68 0.13 0.00	46.30 -0.05 0.00	50.79 0.35 0.00	52.54 0.31 0.00	53.88 0.11 0.00	63.95 0.13 0.04	74.47 0.96 0.00	76.72 1.58 0.00	71.96 2.63 0.00	65.51 1.78 0.00	57.06 1.50 0.00	51.40 0.61 0.00	48.61 0.39 0.00
NEPA___ENERGY 23901	40.24 -1.50 0.00	38.04 -1.34 0.00	34.57 -1.29 0.00	32.23 -1.17 0.00	30.62 -1.24 0.00	33.91 -1.16 0.00	37.98 -0.89 0.00	39.04 -0.63 0.00	36.59 -0.90 0.00	36.41 -1.01 0.00	39.09 -0.64 0.00	42.68 -0.87 0.00	45.33 -1.02 0.00	50.09 -0.35 0.00	51.86 -0.37 0.00	53.29 -0.48 0.00	63.25 -0.57 0.03	73.96 0.44 0.00	76.34 1.20 0.00	71.75 2.43 0.00	64.94 1.21 0.00	56.28 0.72 0.00	50.33 -0.46 0.00	47.64 -0.58 0.00
NEVERSINK___HYD 23608	43.70 1.96 0.00	41.03 1.65 0.00	37.29 1.44 0.00	34.64 1.24 0.00	33.04 1.18 0.00	36.19 1.12 0.00	40.23 1.36 0.00	41.31 1.63 0.00	39.26 1.76 0.00	39.18 1.76 0.00	41.71 1.99 0.00	45.99 2.44 0.00	49.08 2.73 0.00	53.31 2.87 0.00	55.31 3.08 0.00	56.78 3.01 0.00	67.95 4.09 0.00	79.10 5.58 0.00	80.40 5.26 0.00	73.83 4.50 0.00	66.92 3.19 0.00	57.84 2.28 0.00	53.08 2.29 0.00	50.54 2.31 0.00
NEWKRMKL_115KV_TB1 55635	42.12 0.38 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.70 0.30 0.00	32.18 0.32 0.00	35.35 0.28 0.00	38.99 0.12 0.00	39.80 0.12 0.00	37.68 0.19 0.00	37.57 0.15 0.00	39.80 0.08 0.00	43.51 -0.04 0.00	46.39 0.05 0.00	50.54 0.10 0.00	52.44 0.21 0.00	54.15 0.38 0.00	64.50 0.64 0.00	74.62 1.10 0.00	76.27 1.13 0.00	70.08 0.76 0.00	64.24 0.51 0.00	55.84 0.28 0.00	51.04 0.25 0.00	48.42 0.19 0.00
NEWTON___FALLS_HYD 23847	42.24 0.50 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.83 0.43 0.00	32.24 0.38 0.00	35.67 0.60 0.00	39.50 0.62 0.00	40.20 0.52 0.00	37.68 0.19 0.00	37.53 0.11 0.00	39.69 -0.04 0.00	43.42 -0.13 0.00	46.07 -0.28 0.00	50.08 -0.40 -0.05	51.50 -0.73 0.00	52.70 -1.08 0.00	62.71 -1.15 -0.01	72.34 -1.18 0.00	74.48 -0.75 -0.09	68.98 -0.35 0.00	63.98 0.25 0.00	56.40 0.72 -0.12	51.50 0.71 0.00	49.12 0.87 -0.03
NGRID_A1_DSASP 323792	39.82 -1.92 0.00	37.84 -1.54 0.00	34.39 -1.47 0.00	32.10 -1.30 0.00	30.52 -1.34 0.00	33.81 -1.26 0.00	37.90 -0.97 0.00	38.69 -0.99 0.00	35.73 -1.76 0.00	35.55 -1.87 0.00	38.14 -1.59 0.00	41.55 -2.00 0.00	44.08 -2.27 0.00	48.52 -1.92 0.00	50.14 -2.09 0.00	51.19 -2.58 0.00	60.69 -3.13 0.04	70.50 -3.01 0.00	72.66 -2.48 0.00	68.63 -0.69 0.00	62.26 -1.47 0.00	54.39 -1.17 0.00	49.06 -1.73 0.00	46.87 -1.35 0.00
NGRID_A2_DSASP 323793	39.82 -1.92 0.00	37.84 -1.54 0.00	34.39 -1.47 0.00	32.10 -1.30 0.00	30.52 -1.34 0.00	33.81 -1.26 0.00	37.90 -0.97 0.00	38.69 -0.99 0.00	35.73 -1.76 0.00	35.55 -1.87 0.00	38.14 -1.59 0.00	41.55 -2.00 0.00	44.08 -2.27 0.00	48.52 -1.92 0.00	50.14 -2.09 0.00	51.19 -2.58 0.00	60.69 -3.13 0.04	70.50 -3.01 0.00	72.66 -2.48 0.00	68.63 -0.69 0.00	62.26 -1.47 0.00	54.39 -1.17 0.00	49.06 -1.73 0.00	46.87 -1.35 0.00
NGRID_A4_DSASP 323807	39.82 -1.92 0.00	37.84 -1.54 0.00	34.39 -1.47 0.00	32.10 -1.30 0.00	30.52 -1.34 0.00	33.81 -1.26 0.00	37.90 -0.97 0.00	38.69 -0.99 0.00	35.73 -1.76 0.00	35.55 -1.87 0.00	38.14 -1.59 0.00	41.55 -2.00 0.00	44.08 -2.27 0.00	48.52 -1.92 0.00	50.14 -2.09 0.00	51.19 -2.58 0.00	60.69 -3.13 0.04	70.50 -3.01 0.00	72.66 -2.48 0.00	68.63 -0.69 0.00	62.26 -1.47 0.00	54.39 -1.17 0.00	49.06 -1.73 0.00	46.87 -1.35 0.00
NIAGARA_115E_LBMP 323715	38.44 -3.30 0.00	36.43 -2.95 0.00	33.13 -2.73 0.00	30.93 -2.47 0.00	29.37 -2.49 0.00	32.54 -2.53 0.00	36.54 -2.33 0.00	37.61 -2.07 0.00	35.09 -2.40 0.00	34.91 -2.51 0.00	37.42 -2.31 0.00	40.81 -2.74 0.00	42.78 -3.57 0.00	47.11 -3.33 0.00	48.42 -3.81 0.00	49.79 -3.98 0.00	59.03 -4.79 0.04	69.03 -4.49 0.00	71.08 -4.06 0.00	67.04 -2.29 0.00	60.80 -2.93 0.00	53.28 -2.28 0.00	48.25 -2.54 0.00	45.67 -2.56 0.00
NIAGARA_115W_LBMP 323714	39.78 -1.96 0.00	37.80 -1.58 0.00	34.39 -1.47 0.00	32.06 -1.34 0.00	30.49 -1.37 0.00	33.74 -1.33 0.00	37.86 -1.01 0.00	38.61 -1.07 0.00	35.66 -1.84 0.00	35.47 -1.95 0.00	38.02 -1.71 0.00	41.46 -2.09 0.00	43.57 -2.78 0.00	47.97 -2.47 0.00	49.25 -2.97 0.00	50.65 -3.12 0.00	60.12 -3.71 0.04	70.06 -3.45 0.00	71.83 -3.30 0.00	67.86 -1.46 0.00	60.86 -2.87 0.00	53.34 -2.22 0.00	48.55 -2.23 0.00	46.39 -1.83 0.00
NIAGARA_230_LBMP 323716	39.70 -2.04 0.00	37.65 -1.73 0.00	34.25 -1.61 0.00	31.96 -1.44 0.00	30.39 -1.47 0.00	33.63 -1.44 0.00	37.74 -1.13 0.00	38.81 -0.87 0.00	36.15 -1.35 0.00	35.96 -1.46 0.00	38.57 -1.15 0.00	42.07 -1.48 0.00	44.22 -2.13 0.00	48.72 -1.72 0.00	50.04 -2.19 0.00	51.46 -2.31 0.00	61.08 -2.74 0.04	71.16 -2.36 0.00	73.04 -2.10 0.00	68.91 -0.41 0.00	61.75 -1.98 0.00	54.12 -1.44 0.00	49.11 -1.67 0.00	46.49 -1.73 0.00
NIAGARA___115KV_198_GIBSON 55903	39.78 -1.96 0.00	37.81 -1.58 0.00	34.39 -1.47 0.00	32.06 -1.34 0.00	30.49 -1.37 0.00	33.77 -1.30 0.00	37.86 -1.01 0.00	38.61 -1.07 0.00	35.66 -1.84 0.00	35.48 -1.95 0.00	38.02 -1.71 0.00	41.46 -2.09 0.00	43.98 -2.36 0.00	48.37 -2.07 0.00	50.04 -2.19 0.00	51.08 -2.69 0.00	60.50 -3.32 0.04	70.36 -3.16 0.00	72.43 -2.71 0.00	68.49 -0.83 0.00	62.07 -1.66 0.00	54.28 -1.28 0.00	48.96 -1.83 0.00	46.78 -1.45 0.00
NIAGARA____ 23760	39.70 -2.04 0.00	37.65 -1.73 0.00	34.25 -1.61 0.00	31.96 -1.44 0.00	30.39 -1.47 0.00	33.63 -1.44 0.00	37.74 -1.13 0.00	38.81 -0.87 0.00	36.15 -1.35 0.00	35.96 -1.46 0.00	38.57 -1.15 0.00	42.07 -1.48 0.00	44.22 -2.13 0.00	48.72 -1.72 0.00	50.04 -2.19 0.00	51.46 -2.31 0.00	61.08 -2.74 0.04	71.16 -2.36 0.00	73.04 -2.10 0.00	68.91 -0.41 0.00	61.75 -1.98 0.00	54.12 -1.44 0.00	49.11 -1.67 0.00	46.49 -1.73 0.00
NINE_MILE_1 23575	40.32 -1.42 0.00	38.20 -1.18 0.00	34.78 -1.07 0.00	32.43 -0.97 0.00	30.93 -0.92 0.00	34.09 -0.98 0.00	37.86 -1.01 0.00	38.49 -1.19 0.00	36.33 -1.16 0.00	36.22 -1.20 0.00	38.45 -1.27 0.00	42.12 -1.44 0.00	44.82 -1.53 0.00	48.19 -1.62 0.63	50.56 -1.67 0.00	52.16 -1.61 0.00	61.73 -1.85 0.28	71.68 -1.84 0.00	71.98 -1.88 1.28	67.73 -1.59 0.00	62.01 -1.72 0.00	52.38 -1.56 1.63	49.21 -1.57 0.00	46.30 -1.55 0.38

NINE_MILE_2 23744	40.36 -1.38 0.00	38.20 -1.18 0.00	34.78 -1.07 0.00	32.43 -0.97 0.00	30.97 -0.89 0.00	34.09 -0.98 0.00	37.86 -1.01 0.00	38.49 -1.19 0.00	36.33 -1.16 0.00	36.22 -1.20 0.00	38.45 -1.27 0.00	42.12 -1.44 0.00	44.82 -1.53 0.00	48.18 -1.62 0.64	50.56 -1.67 0.00	52.16 -1.61 0.00	61.72 -1.85 0.28	71.68 -1.84 0.00	71.97 -1.88 1.30	67.73 -1.59 0.00	62.01 -1.72 0.00	52.36 -1.56 1.65	49.21 -1.57 0.00	46.29 -1.55 0.39
NM_CAPITAL___DRP 24208	42.20 0.46 0.00	39.81 0.43 0.00	36.33 0.47 0.00	33.80 0.40 0.00	32.27 0.41 0.00	35.46 0.39 0.00	39.07 0.19 0.00	39.92 0.24 0.00	37.76 0.26 0.00	37.65 0.22 0.00	39.88 0.16 0.00	43.60 0.04 0.00	46.49 0.14 0.00	50.64 0.20 0.00	52.54 0.31 0.00	54.26 0.48 0.00	64.62 0.77 0.00	74.69 1.18 0.00	76.34 1.20 0.00	70.15 0.83 0.00	64.37 0.64 0.00	55.95 0.39 0.00	51.14 0.36 0.00	48.46 0.24 0.00
NM_CENTRAL___DRP 24181	41.07 -0.67 0.00	38.87 -0.51 0.00	35.36 -0.50 0.00	32.97 -0.43 0.00	31.45 -0.41 0.00	34.68 -0.39 0.00	38.52 -0.35 0.00	39.24 -0.44 0.00	37.04 -0.45 0.00	36.97 -0.45 0.00	39.29 -0.44 0.00	43.08 -0.48 0.00	45.84 -0.51 0.00	50.04 -0.45 -0.06	51.86 -0.37 0.00	53.56 -0.22 0.00	63.59 -0.26 0.02	73.52 0.00 0.00	75.33 0.08 -0.12	69.60 0.28 0.00	63.67 -0.06 0.00	55.55 -0.17 -0.15	50.33 -0.46 0.00	47.78 -0.48 -0.04
NM_FRONTIER___DRP 24179	39.78 -1.96 0.00	37.81 -1.58 0.00	34.39 -1.47 0.00	32.06 -1.34 0.00	30.49 -1.37 0.00	33.77 -1.30 0.00	37.86 -1.01 0.00	38.61 -1.07 0.00	35.66 -1.84 0.00	35.48 -1.95 0.00	38.02 -1.71 0.00	41.46 -2.09 0.00	43.98 -2.36 0.00	48.37 -2.07 0.00	50.04 -2.19 0.00	51.08 -2.69 0.00	60.50 -3.32 0.04	70.36 -3.16 0.00	72.43 -2.71 0.00	68.49 -0.83 0.00	62.07 -1.66 0.00	54.28 -1.28 0.00	48.96 -1.83 0.00	46.78 -1.45 0.00
NM_ST_REGIS___HYD 24053	42.07 0.33 0.00	39.58 0.20 0.00	36.04 0.18 0.00	33.67 0.27 0.00	32.05 0.19 0.00	35.39 0.32 0.00	39.22 0.35 0.00	39.92 0.24 0.00	37.53 0.04 0.00	37.46 0.04 0.00	39.65 -0.08 0.00	43.47 -0.09 0.00	46.07 -0.28 0.00	50.00 -0.45 -0.02	51.34 -0.89 0.00	52.32 -1.45 0.00	62.01 -1.85 0.00	71.09 -2.43 0.00	73.00 -2.18 -0.04	67.52 -1.80 0.00	62.77 -0.96 0.00	55.50 -0.11 -0.05	50.79 0.00 0.00	48.57 0.34 -0.01
NORTHPORT___1 23551	44.75 3.01 0.00	41.82 2.44 0.00	37.79 1.94 0.00	35.04 1.64 0.00	33.48 1.62 0.00	36.54 1.47 0.00	40.74 1.87 0.00	42.14 2.46 0.00	40.38 2.89 0.00	40.61 3.18 -0.01	47.29 3.34 -4.23	48.66 3.79 -1.32	50.25 3.89 -0.01	53.77 3.33 0.00	55.68 3.45 -0.01	56.85 3.06 -0.02	66.56 2.68 -0.02	77.85 4.34 0.00	71.45 3.38 7.07	71.68 2.36 0.00	64.37 0.64 0.00	56.84 1.28 0.00	52.46 1.67 0.00	50.78 2.55 0.00
NORTHPORT___2 23552	44.75 3.01 0.00	41.82 2.44 0.00	37.79 1.94 0.00	35.04 1.64 0.00	33.48 1.62 0.00	36.54 1.47 0.00	40.74 1.87 0.00	42.14 2.46 0.00	40.38 2.89 0.00	40.61 3.18 -0.01	47.29 3.34 -4.23	48.66 3.79 -1.32	50.25 3.89 -0.01	53.77 3.33 0.00	55.68 3.45 -0.01	56.85 3.06 -0.02	66.56 2.68 -0.02	77.85 4.34 0.00	71.45 3.38 7.07	71.68 2.36 0.00	64.37 0.64 0.00	56.84 1.28 0.00	52.46 1.67 0.00	50.78 2.55 0.00
NORTHPORT___3 23553	43.76 3.01 0.98	40.88 2.40 0.90	36.89 1.90 0.87	34.14 1.64 0.90	32.60 1.59 0.85	35.68 1.47 0.86	40.15 1.83 0.55	41.40 2.42 0.70	39.34 2.85 1.00	39.37 3.18 1.23	46.53 3.34 -3.46	47.80 3.79 -0.46	48.27 3.89 1.97	46.54 3.38 7.28	47.82 3.50 7.91	42.03 3.12 14.86	45.95 2.62 20.53	49.90 4.34 27.96	53.80 3.23 24.57	47.98 2.28 23.63	49.41 0.57 14.89	48.96 1.28 7.88	50.09 1.58 2.27	50.09 2.51 0.64
NORTHPORT___4 23650	43.76 3.01 0.98	40.88 2.40 0.90	36.89 1.90 0.87	34.14 1.64 0.90	32.60 1.59 0.85	35.68 1.47 0.86	40.15 1.83 0.55	41.40 2.42 0.70	39.34 2.85 1.00	39.37 3.18 1.23	46.53 3.34 -3.46	47.80 3.79 -0.46	48.27 3.89 1.97	46.54 3.38 7.28	47.82 3.50 7.91	42.03 3.12 14.86	45.95 2.62 20.53	49.90 4.34 27.96	53.80 3.23 24.57	47.98 2.28 23.63	49.41 0.57 14.89	48.96 1.28 7.88	50.09 1.58 2.27	50.09 2.51 0.64
NORTHPORT___IC 23718	44.75 3.01 0.00	41.82 2.44 0.00	37.80 1.94 0.00	35.04 1.64 0.00	33.48 1.62 0.00	36.54 1.47 0.00	40.74 1.87 0.00	42.18 2.50 0.00	40.38 2.89 0.00	40.60 3.18 -0.00	47.29 3.34 -4.23	48.67 3.79 -1.32	50.01 3.66 0.00	53.36 2.93 0.00	55.68 3.45 0.00	57.07 3.28 -0.02	67.26 3.38 -0.02	77.92 4.41 0.00	71.45 3.38 7.07	71.68 2.36 0.00	64.30 0.57 0.00	56.89 1.33 0.00	52.41 1.63 0.00	50.30 2.07 0.00
NORTH___COUNTRY_ESR 323785	41.87 0.13 0.00	39.46 0.08 0.00	35.97 0.11 0.00	33.50 0.10 0.00	31.89 0.03 0.00	35.17 0.11 0.00	38.87 0.00 0.00	39.64 -0.04 0.00	37.42 -0.07 0.00	37.46 0.04 0.00	39.80 0.08 0.00	43.64 0.09 0.00	46.30 -0.05 0.00	50.29 -0.15 0.00	52.12 -0.10 0.00	53.50 -0.27 0.00	63.41 -0.44 0.00	72.49 -1.03 0.00	74.39 -0.75 0.00	68.70 -0.63 0.00	63.67 -0.06 0.00	55.90 0.34 0.00	51.04 0.26 0.00	48.37 0.15 0.00
NPX_GEN_1385_PROXY 323591	44.75 3.01 0.00	41.90 2.52 0.00	37.83 1.97 0.00	35.10 1.70 0.00	33.77 1.91 0.00	36.61 1.54 0.00	40.74 1.87 0.00	42.22 2.54 0.00	40.46 2.96 0.00	40.68 3.25 -0.01	46.69 2.74 -4.23	48.05 3.18 -1.32	49.62 3.89 0.62	54.39 3.33 -0.62	55.68 3.45 -0.01	56.85 3.06 -0.02	66.56 2.68 -0.02	77.85 4.34 0.00	72.27 4.21 7.07	71.68 2.36 0.00	64.88 1.15 0.00	57.29 1.72 0.00	52.46 1.67 0.00	50.68 2.46 0.00
NPX_GEN_CSC 323557	59.35 3.46 -14.15	55.25 2.87 -13.00	50.72 2.33 -12.53	48.35 2.04 -12.91	46.06 2.01 -12.19	49.37 1.93 -12.37	49.07 2.33 -7.86	52.69 2.94 -10.07	55.18 3.30 -14.39	58.70 3.52 -17.77	58.73 3.78 -15.23	61.68 4.35 -13.77	78.83 4.59 -27.89	160.06 4.18 -105.44	170.70 4.44 -114.03	272.17 4.14 -214.26	363.61 3.83 -295.93	481.65 5.58 -402.55	353.56 4.66 -273.76	413.36 3.81 -340.23	280.28 2.10 -214.45	171.36 2.39 -113.41	86.02 2.49 -32.74	60.54 3.13 -9.19
NSINS_S_GLNS_FALLS 23858	43.20 1.46 0.00	40.80 1.42 0.00	37.15 1.29 0.00	34.57 1.17 0.00	33.01 1.15 0.00	36.37 1.30 0.00	40.12 1.24 0.00	41.23 1.55 0.00	38.84 1.35 0.00	38.51 1.09 0.00	40.12 0.40 0.00	43.82 0.26 0.00	46.81 0.46 0.00	51.09 0.66 0.00	53.33 1.10 0.00	55.44 1.67 0.00	65.45 1.60 0.00	76.02 2.50 0.00	78.82 3.68 0.00	72.65 3.33 0.00	67.30 3.57 0.00	58.28 2.72 0.00	53.12 2.34 0.00	50.30 2.07 0.00
NUCOR_STEEL___DRP 24197	41.66 -0.08 0.00	39.42 0.04 0.00	35.86 0.00 0.00	33.43 0.03 0.00	31.86 0.00 0.00	35.21 0.14 0.00	39.11 0.23 0.00	39.76 0.08 0.00	37.46 -0.04 0.00	37.31 -0.11 0.00	39.69 -0.04 0.00	43.51 -0.04 0.00	46.26 -0.09 0.00	50.60 0.05 -0.11	52.44 0.21 0.00	54.10 0.32 0.00	64.30 0.45 0.00	74.55 1.03 0.00	76.71 1.35 -0.22	70.92 1.59 0.00	64.88 1.15 0.00	56.73 0.89 -0.28	51.19 0.41 0.00	48.63 0.34 -0.07

NUMBER_THREE_WT_PWR 323818	42.82 1.08 0.00	40.29 0.91 0.00	36.72 0.86 0.00	34.33 0.93 0.00	32.78 0.92 0.00	36.30 1.23 0.00	40.15 1.28 0.00	40.87 1.19 0.00	38.21 0.71 0.00	37.94 0.52 0.00	40.08 0.36 0.00	43.77 0.22 0.00	46.49 0.14 0.00	50.56 0.05 -0.07	52.33 0.10 0.00	53.99 0.22 0.00	64.76 0.89 -0.01	75.36 1.84 0.00	77.84 2.56 -0.14	72.23 2.91 0.00	66.60 2.87 0.00	58.36 2.61 -0.18	52.97 2.18 0.00	50.24 1.98 -0.04
NYISO_LBMP_REFERENCE 24008	41.74 0.00 0.00	39.38 0.00 0.00	35.86 0.00 0.00	33.40 0.00 0.00	31.86 0.00 0.00	35.07 0.00 0.00	38.87 0.00 0.00	39.68 0.00 0.00	37.49 0.00 0.00	37.42 0.00 0.00	39.73 0.00 0.00	43.55 0.00 0.00	46.35 0.00 0.00	50.44 0.00 0.00	52.23 0.00 0.00	53.77 0.00 0.00	63.86 0.00 0.00	73.52 0.00 0.00	75.14 0.00 0.00	69.32 0.00 0.00	63.73 0.00 0.00	55.56 0.00 0.00	50.79 0.00 0.00	48.22 0.00 0.00
NYPA_BRENTWD____GT 24164	48.05 3.67 -2.63	44.83 3.03 -2.42	40.66 2.47 -2.33	37.94 2.14 -2.40	36.20 2.07 -2.27	39.37 2.00 -2.30	42.79 2.45 -1.46	44.61 3.06 -1.87	43.62 3.45 -2.68	44.51 3.78 -3.31	50.05 4.05 -6.27	51.81 4.61 -3.64	56.52 4.87 -5.31	74.28 4.34 -19.50	77.99 4.54 -21.22	97.52 3.87 -39.87	122.89 3.96 -55.07	154.21 5.81 -74.89	130.91 4.88 -50.89	136.29 3.67 -63.30	105.48 1.85 -39.90	79.22 2.56 -21.10	59.77 2.89 -6.09	53.50 3.57 -1.71
NYPA_GOWANUS____GT5 24156	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NYPA_GOWANUS____GT6 24157	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.02 2.34 0.00	40.12 2.62 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.75 4.41 0.00	54.52 4.08 0.00	56.20 3.97 0.00	57.05 3.28 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.95 4.81 0.00	72.99 3.67 0.00	65.82 2.10 0.01	57.17 1.61 0.00	53.63 2.84 0.00	51.27 3.04 -0.01
NYPA_HARLEM_RVR_GT1 24160	44.29 2.55 0.00	41.43 2.05 0.00	37.44 1.58 0.00	34.74 1.34 0.00	33.13 1.28 0.00	36.09 1.02 0.00	40.30 1.44 0.01	41.65 1.98 0.01	39.85 2.36 0.01	39.81 2.40 0.01	42.78 3.06 0.00	47.09 3.53 -0.01	50.24 3.89 0.00	54.12 3.68 0.00	55.78 3.55 0.00	56.51 2.74 0.00	67.43 3.57 0.00	78.44 4.93 0.00	79.42 4.28 0.00	72.58 3.26 0.00	65.44 1.72 0.01	56.73 1.17 0.00	53.43 2.64 0.00	51.02 2.80 0.00
NYPA_HARLEM_RVR_GT2 24161	44.29 2.55 0.00	41.43 2.05 0.00	37.44 1.58 0.00	34.74 1.34 0.00	33.13 1.28 0.00	36.09 1.02 0.00	40.30 1.44 0.01	41.65 1.98 0.01	39.85 2.36 0.01	39.81 2.40 0.01	42.78 3.06 0.00	47.09 3.53 -0.01	50.24 3.89 0.00	54.12 3.68 0.00	55.78 3.55 0.00	56.51 2.74 0.00	67.43 3.57 0.00	78.44 4.93 0.00	79.42 4.28 0.00	72.58 3.26 0.00	65.44 1.72 0.01	56.73 1.17 0.00	53.43 2.64 0.00	51.02 2.80 0.00
NYPA_KENT____GT 24152	44.42 2.67 0.00	41.59 2.20 0.00	37.66 1.79 0.00	34.97 1.57 0.00	33.39 1.53 0.00	36.40 1.33 0.00	40.70 1.83 0.00	41.98 2.30 0.00	40.08 2.59 0.00	40.08 2.66 0.00	42.98 3.26 0.00	47.45 3.87 -0.02	50.61 4.26 0.00	54.48 4.04 0.00	56.15 3.92 0.00	57.00 3.23 0.00	67.82 3.96 0.00	78.81 5.30 0.00	79.87 4.74 0.00	72.92 3.60 0.00	65.76 2.04 0.01	57.11 1.55 0.00	53.48 2.69 0.00	51.12 2.89 0.00
NYPA_POUCH1____GT 24155	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.70 1.83 0.00	41.94 2.26 0.00	40.01 2.51 0.00	39.97 2.55 0.00	42.90 3.18 0.00	47.40 3.83 -0.02	50.66 4.31 0.00	54.22 3.78 0.01	55.93 3.71 0.01	56.70 3.01 0.08	66.80 3.70 0.75	77.79 4.93 0.66	78.95 4.51 0.69	71.92 3.33 0.73	62.66 1.78 2.85	55.90 1.39 1.05	53.53 2.74 0.00	51.17 2.94 -0.01
NYPA_VERNON____GT2 24162	44.33 2.59 0.00	41.47 2.09 0.00	37.58 1.72 0.00	34.91 1.50 0.00	33.30 1.43 0.00	36.37 1.30 0.00	40.62 1.75 0.00	41.94 2.26 0.00	40.08 2.59 0.00	40.04 2.62 0.00	42.94 3.22 0.00	47.36 3.79 -0.02	50.52 4.17 0.00	54.42 3.98 0.00	56.09 3.86 0.00	56.94 3.17 0.00	67.75 3.90 0.00	78.74 5.22 0.00	79.72 4.58 0.00	72.85 3.53 0.00	65.70 1.98 0.01	57.00 1.44 0.00	53.33 2.54 0.00	50.97 2.75 0.00
NYPA_VERNON____GT3 24163	44.33 2.59 0.00	41.47 2.09 0.00	37.58 1.72 0.00	34.91 1.50 0.00	33.30 1.43 0.00	36.37 1.30 0.00	40.62 1.75 0.00	41.94 2.26 0.00	40.08 2.59 0.00	40.04 2.62 0.00	42.94 3.22 0.00	47.36 3.79 -0.02	50.52 4.17 0.00	54.42 3.98 0.00	56.09 3.86 0.00	56.94 3.17 0.00	67.75 3.90 0.00	78.74 5.22 0.00	79.72 4.58 0.00	72.85 3.53 0.00	65.70 1.98 0.01	57.00 1.44 0.00	53.33 2.54 0.00	50.97 2.75 0.00
NYPA____ASTORIA_CC1 323568	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.83 1.44 0.00	33.26 1.40 0.00	36.30 1.23 0.00	40.54 1.67 0.00	41.86 2.18 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.43 4.08 0.00	54.38 3.94 0.00	55.99 3.76 0.00	56.84 3.06 0.00	67.62 3.77 0.00	78.59 5.07 0.00	79.57 4.43 0.00	72.71 3.40 0.00	65.63 1.91 0.01	56.95 1.39 0.00	53.28 2.49 0.00	50.92 2.70 0.00
NYPA____ASTORIA_CC2 323569	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.83 1.44 0.00	33.26 1.40 0.00	36.30 1.23 0.00	40.54 1.67 0.00	41.86 2.18 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.43 4.08 0.00	54.38 3.94 0.00	55.99 3.76 0.00	56.84 3.06 0.00	67.62 3.77 0.00	78.59 5.07 0.00	79.57 4.43 0.00	72.71 3.40 0.00	65.63 1.91 0.01	56.95 1.39 0.00	53.28 2.49 0.00	50.92 2.70 0.00
NYPA____HOLTSVILL 23794	59.05 3.42 -13.88	54.97 2.84 -12.75	50.45 2.30 -12.30	48.04 1.97 -12.67	45.77 1.94 -11.96	49.07 1.86 -12.14	48.88 2.29 -7.72	52.42 2.86 -9.89	54.87 3.26 -14.12	58.41 3.56 -17.43	58.52 3.78 -15.02	61.41 4.31 -13.54	78.83 4.49 -27.98	157.37 4.08 -102.85	168.41 4.28 -111.90	267.90 3.87 -210.25	358.08 3.83 -290.39	474.20 5.66 -395.03	348.58 4.74 -268.70	406.79 3.60 -333.87	276.02 1.85 -210.44	169.08 2.22 -111.29	85.36 2.44 -32.13	60.42 3.18 -9.02
NYPA____HELLGATE_GT1 24158	44.29 2.55 0.00	41.43 2.05 0.00	37.44 1.58 0.00	34.74 1.34 0.00	33.13 1.28 0.00	36.09 1.02 0.00	40.30 1.44 0.01	41.65 1.98 0.01	39.85 2.36 0.01	39.81 2.40 0.01	42.78 3.06 0.00	47.09 3.53 -0.01	50.24 3.89 0.00	54.12 3.68 0.00	55.78 3.55 0.00	56.57 2.79 0.00	67.50 3.64 0.00	78.44 4.93 0.00	79.49 4.36 0.00	72.65 3.33 0.00	65.50 1.78 0.01	56.78 1.22 0.00	53.43 2.64 0.00	51.02 2.80 0.00

NYPA____HELLGATE_GT2 24159	44.29 2.55 0.00	41.43 2.05 0.00	37.44 1.58 0.00	34.74 1.34 0.00	33.13 1.28 0.00	36.09 1.02 0.00	40.30 1.44 0.01	41.65 1.98 0.01	39.85 2.36 0.01	39.81 2.40 0.01	42.78 3.06 0.00	47.09 3.53 -0.01	50.24 3.89 0.00	54.12 3.68 0.00	55.78 3.55 0.00	56.57 2.79 0.00	67.50 3.64 0.00	78.44 4.93 0.00	79.49 4.36 0.00	72.65 3.33 0.00	65.50 1.78 0.01	56.78 1.22 0.00	53.43 2.64 0.00	51.02 2.80 0.00
NYS_BARGE____HYD 23848	39.40 -2.34 0.00	37.33 -2.05 0.00	33.92 -1.94 0.00	31.70 -1.70 0.00	30.11 -1.75 0.00	33.35 -1.72 0.00	37.44 -1.44 0.00	38.53 -1.15 0.00	35.96 -1.54 0.00	35.74 -1.68 0.00	38.33 -1.39 0.00	41.81 -1.74 0.00	43.71 -2.64 0.00	48.12 -2.32 0.00	49.46 -2.77 0.00	50.87 -2.90 0.00	60.37 -3.45 0.04	70.65 -2.87 0.00	72.73 -2.41 0.00	68.63 -0.69 0.00	61.95 -1.78 0.00	54.23 -1.33 0.00	49.06 -1.73 0.00	46.39 -1.83 0.00
OAK_ORCHARD____HYD 24046	40.95 -0.79 0.00	38.67 -0.71 0.00	35.21 -0.64 0.00	32.86 -0.54 0.00	31.25 -0.61 0.00	34.61 -0.46 0.00	38.72 -0.15 0.00	39.76 0.08 0.00	37.31 -0.19 0.00	37.20 -0.22 0.00	39.77 0.04 0.00	43.55 0.00 0.00	45.93 -0.42 0.00	50.39 -0.05 0.00	51.92 -0.31 0.00	53.50 -0.27 0.00	63.82 0.00 0.04	74.18 0.66 0.00	75.97 0.83 0.00	71.06 1.73 0.00	64.24 0.51 0.00	56.00 0.44 0.00	50.74 -0.05 0.00	47.93 -0.29 0.00
OAKDALE__35_KV_LOAD 356122	41.28 -0.46 0.00	38.99 -0.39 0.00	35.46 -0.39 0.00	33.03 -0.37 0.00	31.48 -0.38 0.00	34.75 -0.32 0.00	38.68 -0.19 0.00	39.52 -0.16 0.00	37.23 -0.26 0.00	37.12 -0.30 0.00	39.57 -0.16 0.00	43.38 -0.17 0.00	46.12 -0.23 0.00	50.48 0.00 -0.04	52.33 0.10 0.00	54.04 0.27 0.00	64.29 0.45 0.01	74.55 1.03 0.00	76.50 1.28 -0.08	70.85 1.53 0.00	64.56 0.83 0.00	56.17 0.50 -0.11	50.84 0.05 0.00	48.30 0.05 -0.02
OCC_CHEM____DRP 24175	39.82 -1.92 0.00	37.84 -1.54 0.00	34.39 -1.47 0.00	32.10 -1.30 0.00	30.52 -1.34 0.00	33.81 -1.26 0.00	37.90 -0.97 0.00	38.69 -0.99 0.00	35.73 -1.76 0.00	35.55 -1.87 0.00	38.14 -1.59 0.00	41.55 -2.00 0.00	44.08 -2.27 0.00	48.52 -1.92 0.00	50.14 -2.09 0.00	51.19 -2.58 0.00	60.69 -3.13 0.04	70.50 -3.01 0.00	72.66 -2.48 0.00	68.63 -0.69 0.00	62.26 -1.47 0.00	54.39 -1.17 0.00	49.06 -1.73 0.00	46.87 -1.35 0.00
OH_GEN_PROXY 24063	39.74 -2.00 0.00	37.69 -1.69 0.00	34.28 -1.58 0.00	31.96 -1.44 0.00	30.39 -1.47 0.00	33.63 -1.44 0.00	37.74 -1.13 0.00	38.81 -0.87 0.00	36.22 -1.27 0.00	36.04 -1.38 0.00	38.61 -1.11 0.00	42.12 -1.44 0.00	43.73 -1.99 0.62	49.45 -1.62 -0.62	50.14 -2.09 0.00	51.62 -2.15 0.00	61.20 -2.62 0.04	71.38 -2.13 0.00	73.26 -1.88 0.00	69.12 -0.21 0.00	61.95 -1.78 0.00	54.23 -1.33 0.00	49.16 -1.63 0.00	46.53 -1.69 0.00
OLIN_CORP_DRP 24177	38.65 -3.09 0.00	36.62 -2.76 0.00	33.31 -2.55 0.00	31.10 -2.30 0.00	29.53 -2.33 0.00	32.72 -2.35 0.00	36.70 -2.18 0.00	37.77 -1.90 0.00	35.28 -2.21 0.00	35.06 -2.36 0.00	37.58 -2.15 0.00	41.03 -2.53 0.00	43.52 -2.83 0.00	47.87 -2.57 0.00	49.51 -2.72 0.00	50.60 -3.17 0.00	60.05 -3.77 0.04	69.99 -3.53 0.00	72.13 -3.01 0.00	68.14 -1.18 0.00	62.33 -1.40 0.00	54.39 -1.17 0.00	48.91 -1.88 0.00	46.25 -1.98 0.00
OLIN_CORP_DSASP 323712	39.82 -1.92 0.00	37.84 -1.54 0.00	34.39 -1.47 0.00	32.10 -1.30 0.00	30.52 -1.34 0.00	33.81 -1.26 0.00	37.90 -0.97 0.00	38.69 -0.99 0.00	35.73 -1.76 0.00	35.55 -1.87 0.00	38.14 -1.59 0.00	41.55 -2.00 0.00	44.08 -2.27 0.00	48.52 -1.92 0.00	50.14 -2.09 0.00	51.19 -2.58 0.00	60.69 -3.13 0.04	70.50 -3.01 0.00	72.66 -2.48 0.00	68.63 -0.69 0.00	62.26 -1.47 0.00	54.39 -1.17 0.00	49.06 -1.73 0.00	46.87 -1.35 0.00
ONEIDA_HERK_LFGE 323681	42.62 0.88 0.00	40.13 0.75 0.00	36.58 0.72 0.00	34.13 0.73 0.00	32.59 0.73 0.00	35.98 0.91 0.00	39.88 1.01 0.00	40.63 0.95 0.00	38.13 0.64 0.00	37.98 0.56 0.00	40.20 0.48 0.00	43.95 0.39 0.00	46.81 0.46 0.00	51.03 0.56 -0.04	52.91 0.68 0.00	54.58 0.81 0.00	65.20 1.34 0.00	75.57 2.06 0.00	77.62 2.40 -0.07	71.81 2.49 0.00	66.02 2.29 0.00	57.65 2.00 -0.09	52.46 1.67 0.00	49.74 1.50 -0.02
ONEIDA____115KV_TB4 55905	42.49 0.75 0.00	40.05 0.67 0.00	36.50 0.65 0.00	34.07 0.67 0.00	32.50 0.64 0.00	35.88 0.81 0.00	39.77 0.89 0.00	40.51 0.83 0.00	38.09 0.60 0.00	37.94 0.52 0.00	40.20 0.48 0.00	44.03 0.48 0.00	46.90 0.56 0.00	51.28 0.81 -0.04	53.22 0.99 0.00	54.96 1.18 0.00	65.57 1.72 0.01	75.94 2.43 0.00	77.92 2.71 -0.07	72.03 2.70 0.00	66.09 2.36 0.00	57.60 1.94 -0.09	52.31 1.52 0.00	49.59 1.35 -0.02
ONONDAGA_REF_OCCRA 23987	41.24 -0.50 0.00	38.99 -0.39 0.00	35.46 -0.39 0.00	33.07 -0.33 0.00	31.54 -0.32 0.00	34.82 -0.25 0.00	38.68 -0.19 0.00	39.36 -0.32 0.00	37.16 -0.34 0.00	37.05 -0.37 0.00	39.41 -0.32 0.00	43.21 -0.35 0.00	45.98 -0.37 0.00	50.21 -0.30 -0.07	52.02 -0.21 0.00	53.72 -0.05 0.00	63.85 0.00 0.01	73.89 0.37 0.00	75.74 0.45 -0.15	69.95 0.62 0.00	63.98 0.25 0.00	55.86 0.11 -0.18	50.58 -0.20 0.00	47.98 -0.29 -0.04
ONONDAGA____COGEN 23986	41.28 -0.46 0.00	39.07 -0.32 0.00	35.54 -0.32 0.00	33.13 -0.27 0.00	31.60 -0.25 0.00	34.89 -0.18 0.00	38.72 -0.16 0.00	39.40 -0.28 0.00	37.19 -0.30 0.00	37.08 -0.34 0.00	39.41 -0.32 0.00	43.21 -0.35 0.00	45.98 -0.37 0.00	50.25 -0.30 -0.11	52.02 -0.21 0.00	53.72 -0.05 0.00	63.86 0.00 0.00	73.81 0.29 0.00	75.82 0.45 -0.23	69.95 0.62 0.00	63.98 0.25 0.00	55.96 0.11 -0.29	50.58 -0.20 0.00	48.05 -0.24 -0.07
ONTARIO____LFGE 23819	41.40 -0.34 0.00	39.15 -0.23 0.00	35.57 -0.29 0.00	33.17 -0.23 0.00	31.57 -0.29 0.00	35.00 -0.07 0.00	38.99 0.12 0.00	39.80 0.12 0.00	37.38 -0.11 0.00	37.16 -0.26 0.00	39.65 -0.08 0.00	43.47 -0.09 0.00	46.03 -0.32 0.00	50.27 -0.20 -0.03	52.02 -0.21 0.00	53.72 -0.05 0.00	63.45 -0.38 0.02	74.04 0.52 0.00	76.18 0.97 -0.07	70.85 1.52 0.00	64.30 0.57 0.00	56.15 0.50 -0.09	50.94 0.15 0.00	48.49 0.24 -0.02
ORANGEVILLE_WT_PWR 323706	40.32 -1.42 0.00	38.16 -1.22 0.00	34.64 -1.22 0.00	32.30 -1.10 0.00	30.71 -1.15 0.00	33.98 -1.09 0.00	38.06 -0.82 0.00	39.00 -0.67 0.00	36.48 -1.01 0.00	36.22 -1.20 0.00	38.73 -0.99 0.00	42.29 -1.26 0.00	44.54 -1.81 0.00	48.97 -1.46 0.00	50.56 -1.67 0.00	52.11 -1.67 0.00	61.66 -2.17 0.03	72.42 -1.10 0.00	74.77 -0.37 0.00	70.50 1.18 0.00	63.54 -0.19 0.00	55.45 -0.11 0.00	50.13 -0.66 0.00	47.45 -0.77 0.00
ORANGEVILLE____ESR 323794	40.32 -1.42 0.00	38.16 -1.22 0.00	34.64 -1.22 0.00	32.30 -1.10 0.00	30.71 -1.15 0.00	33.98 -1.09 0.00	38.06 -0.82 0.00	39.00 -0.67 0.00	36.48 -1.01 0.00	36.22 -1.20 0.00	38.73 -0.99 0.00	42.29 -1.26 0.00	44.54 -1.81 0.00	48.97 -1.46 0.00	50.56 -1.67 0.00	52.11 -1.67 0.00	61.66 -2.17 0.03	72.42 -1.10 0.00	74.77 -0.37 0.00	70.50 1.18 0.00	63.54 -0.19 0.00	55.45 -0.11 0.00	50.13 -0.66 0.00	47.45 -0.77 0.00

OSWEGATCHIE___HYD 24044	42.24 0.50 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.83 0.43 0.00	32.24 0.38 0.00	35.67 0.60 0.00	39.49 0.62 0.00	40.19 0.51 0.00	37.68 0.19 0.00	37.53 0.11 0.00	39.69 -0.04 0.00	43.42 -0.13 0.00	46.07 -0.28 0.00	50.08 -0.41 -0.05	51.60 -0.62 0.00	52.97 -0.81 0.00	62.84 -1.02 -0.01	72.42 -1.10 0.00	74.63 -0.60 -0.09	69.12 -0.21 0.00	64.11 0.38 0.00	56.51 0.83 -0.12	51.55 0.76 0.00	49.12 0.87 -0.03
OSWEGO___5 23606	40.65 -1.09 0.00	38.43 -0.95 0.00	35.04 -0.82 0.00	32.63 -0.77 0.00	31.16 -0.70 0.00	34.33 -0.74 0.00	38.13 -0.74 0.00	38.81 -0.87 0.00	36.59 -0.90 0.00	36.49 -0.93 0.00	38.77 -0.95 0.00	42.47 -1.09 0.00	45.14 -1.21 0.00	49.70 -1.21 -0.47	50.98 -1.25 0.00	52.59 -1.18 0.00	62.62 -1.34 -0.11	72.27 -1.25 0.00	74.82 -1.28 -0.95	68.35 -0.97 0.00	62.52 -1.21 0.00	55.66 -1.11 -1.21	49.67 -1.12 0.00	47.40 -1.11 -0.29
OSWEGO___6 23613	40.65 -1.09 0.00	38.43 -0.95 0.00	35.04 -0.82 0.00	32.63 -0.77 0.00	31.16 -0.70 0.00	34.33 -0.74 0.00	38.13 -0.74 0.00	38.81 -0.87 0.00	36.59 -0.90 0.00	36.49 -0.93 0.00	38.77 -0.95 0.00	42.47 -1.09 0.00	45.14 -1.21 0.00	49.70 -1.21 -0.47	50.98 -1.25 0.00	52.59 -1.18 0.00	62.62 -1.34 -0.11	72.27 -1.25 0.00	74.82 -1.28 -0.95	68.35 -0.97 0.00	62.52 -1.21 0.00	55.66 -1.11 -1.21	49.67 -1.12 0.00	47.40 -1.11 -0.29
OUTOKUMPU-AB___DRP 24206	40.24 -1.50 0.00	38.12 -1.26 0.00	34.64 -1.22 0.00	32.33 -1.07 0.00	30.74 -1.12 0.00	34.05 -1.02 0.00	38.21 -0.66 0.00	39.20 -0.48 0.00	36.52 -0.97 0.00	36.30 -1.12 0.00	38.93 -0.79 0.00	42.47 -1.09 0.00	45.05 -1.30 0.00	49.63 -0.81 0.00	51.34 -0.89 0.00	52.43 -1.34 0.00	62.22 -1.60 0.04	72.56 -0.96 0.00	74.84 -0.30 0.00	70.57 1.25 0.00	64.18 0.45 0.00	55.89 0.33 0.00	50.23 -0.56 0.00	47.64 -0.58 0.00
OXBOW___BTM 323836	40.11 -1.63 0.00	38.04 -1.34 0.00	34.57 -1.29 0.00	32.26 -1.14 0.00	30.68 -1.18 0.00	33.95 -1.12 0.00	38.13 -0.74 0.00	39.00 -0.67 0.00	36.22 -1.27 0.00	36.00 -1.42 0.00	38.61 -1.11 0.00	42.12 -1.44 0.00	44.26 -2.08 0.00	48.72 -1.72 0.00	50.09 -2.14 0.00	51.46 -2.31 0.00	61.08 -2.74 0.04	71.31 -2.20 0.00	73.26 -1.88 0.00	69.12 -0.21 0.00	62.07 -1.66 0.00	54.34 -1.22 0.00	49.31 -1.47 0.00	46.92 -1.30 0.00
OXBOW___ 24026	40.11 -1.63 0.00	38.04 -1.34 0.00	34.57 -1.29 0.00	32.26 -1.14 0.00	30.68 -1.18 0.00	33.98 -1.09 0.00	38.13 -0.74 0.00	39.00 -0.67 0.00	36.22 -1.27 0.00	36.00 -1.42 0.00	38.61 -1.11 0.00	42.12 -1.44 0.00	44.68 -1.67 0.00	49.18 -1.26 0.00	50.87 -1.36 0.00	51.94 -1.83 0.00	61.59 -2.24 0.04	71.68 -1.84 0.00	73.94 -1.20 0.00	69.81 0.49 0.00	63.35 -0.38 0.00	55.28 -0.28 0.00	49.77 -1.02 0.00	47.35 -0.87 0.00
OXY_CHEM_DSASP 323612	39.82 -1.92 0.00	37.84 -1.54 0.00	34.39 -1.47 0.00	32.10 -1.30 0.00	30.52 -1.34 0.00	33.81 -1.26 0.00	37.90 -0.97 0.00	38.69 -0.99 0.00	35.73 -1.76 0.00	35.55 -1.87 0.00	38.14 -1.59 0.00	41.55 -2.00 0.00	44.08 -2.27 0.00	48.52 -1.92 0.00	50.14 -2.09 0.00	51.19 -2.58 0.00	60.69 -3.13 0.04	70.50 -3.01 0.00	72.66 -2.48 0.00	68.63 -0.69 0.00	62.26 -1.47 0.00	54.39 -1.17 0.00	49.06 -1.73 0.00	46.87 -1.35 0.00
OZONE_PARK_ESR 323760	44.62 2.88 0.00	41.78 2.40 0.00	37.80 1.94 0.00	35.10 1.70 0.00	33.48 1.62 0.00	36.65 1.58 0.00	40.97 2.10 0.00	42.38 2.70 0.00	40.42 2.92 0.00	40.38 2.96 0.00	43.22 3.50 0.00	47.71 4.14 -0.02	50.75 4.40 0.00	55.03 4.59 0.00	56.51 4.28 0.00	57.86 4.09 0.00	69.09 5.24 0.00	80.06 6.54 0.00	81.08 5.94 0.00	74.25 4.92 0.00	66.85 3.12 0.00	57.67 2.11 0.00	53.73 2.95 0.00	51.21 2.99 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.82 -1.92 0.00	37.84 -1.54 0.00	34.39 -1.47 0.00	32.10 -1.30 0.00	30.52 -1.34 0.00	33.81 -1.26 0.00	37.90 -0.97 0.00	38.69 -0.99 0.00	35.73 -1.76 0.00	35.55 -1.87 0.00	38.14 -1.59 0.00	41.55 -2.00 0.00	44.08 -2.27 0.00	48.52 -1.92 0.00	50.14 -2.09 0.00	51.19 -2.58 0.00	60.69 -3.13 0.04	70.50 -3.01 0.00	72.66 -2.48 0.00	68.63 -0.69 0.00	62.26 -1.47 0.00	54.39 -1.17 0.00	49.06 -1.73 0.00	46.87 -1.35 0.00
PACKARD___115KV_DUPONT_184 80571	39.82 -1.92 0.00	37.84 -1.54 0.00	34.39 -1.47 0.00	32.10 -1.30 0.00	30.52 -1.34 0.00	33.77 -1.30 0.00	37.90 -0.97 0.00	38.69 -0.99 0.00	35.73 -1.76 0.00	35.55 -1.87 0.00	38.14 -1.59 0.00	41.55 -2.00 0.00	43.71 -2.64 0.00	48.12 -2.32 0.00	49.41 -2.82 0.00	50.76 -3.01 0.00	60.25 -3.57 0.04	70.28 -3.23 0.00	72.06 -3.08 0.00	68.08 -1.25 0.00	60.99 -2.74 0.00	53.51 -2.05 0.00	48.66 -2.13 0.00	46.49 -1.73 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.37 2.63 0.00	41.51 2.13 0.00	37.54 1.69 0.00	34.84 1.44 0.00	33.23 1.37 0.00	36.19 1.12 0.00	40.43 1.55 0.00	41.78 2.10 0.00	39.86 2.36 0.00	39.85 2.43 0.00	42.82 3.10 0.00	47.14 3.57 -0.02	50.15 3.80 0.00	54.22 3.78 0.00	55.62 3.39 0.00	56.89 3.12 0.00	67.82 3.96 0.00	78.59 5.07 0.00	79.57 4.43 0.00	72.78 3.47 0.00	65.44 1.72 0.01	56.67 1.11 0.00	53.43 2.64 0.00	50.97 2.75 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	45.25 3.51 0.00	42.37 2.99 0.00	38.33 2.47 0.00	35.57 2.17 0.00	33.93 2.07 0.00	36.93 1.86 0.00	41.24 2.37 0.00	42.62 2.94 0.00	40.61 3.11 0.00	40.56 3.14 0.00	43.62 3.89 0.00	48.01 4.44 -0.02	51.08 4.73 0.00	55.28 4.84 0.00	56.72 4.49 0.00	57.97 4.19 0.00	69.22 5.36 0.00	80.28 6.76 0.00	81.30 6.16 0.00	74.52 5.20 0.00	66.97 3.25 0.01	57.95 2.39 0.00	54.55 3.76 0.00	52.03 3.81 0.00
PATROON___115KV_TB1 80586	42.24 0.50 0.00	39.85 0.47 0.00	36.33 0.47 0.00	33.80 0.40 0.00	32.27 0.41 0.00	35.46 0.39 0.00	39.11 0.23 0.00	39.92 0.24 0.00	37.76 0.26 0.00	37.65 0.22 0.00	39.88 0.16 0.00	43.60 0.04 0.00	46.53 0.19 0.00	50.69 0.25 0.00	52.59 0.37 0.00	54.36 0.59 0.00	64.75 0.89 0.00	74.84 1.32 0.00	76.49 1.35 0.00	70.29 0.97 0.00	64.49 0.76 0.00	56.01 0.44 0.00	51.19 0.41 0.00	48.56 0.34 0.00
PATTRSNVILLE___SOLAR 323815	42.87 1.13 0.00	40.40 1.02 0.00	36.79 0.93 0.00	34.27 0.87 0.00	32.69 0.83 0.00	35.98 0.91 0.00	39.80 0.93 0.00	40.59 0.91 0.00	38.13 0.64 0.00	37.83 0.41 0.00	40.01 0.28 0.00	43.77 0.22 0.00	46.72 0.37 0.00	50.94 0.50 0.00	52.80 0.58 0.00	54.52 0.75 0.00	64.88 1.02 0.00	75.50 1.99 0.00	77.70 2.56 0.00	71.81 2.49 0.00	65.90 2.17 0.00	57.29 1.72 0.00	52.31 1.52 0.00	49.62 1.40 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.03 -1.71 0.00	37.88 -1.50 0.00	34.42 -1.43 0.00	32.10 -1.30 0.00	30.52 -1.34 0.00	33.81 -1.26 0.00	37.90 -0.97 0.00	39.08 -0.60 0.00	36.63 -0.86 0.00	36.45 -0.97 0.00	39.09 -0.64 0.00	42.68 -0.87 0.00	45.33 -1.02 0.00	49.98 -0.45 0.00	51.76 -0.47 0.00	53.02 -0.75 0.00	62.80 -1.02 0.03	73.59 0.07 0.00	75.97 0.83 0.00	71.47 2.15 0.00	64.88 1.15 0.00	56.28 0.72 0.00	50.33 -0.46 0.00	47.55 -0.68 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.99 2.25 0.00	41.31 1.93 0.00	37.51 1.65 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.44 1.37 0.00	40.58 1.71 0.00	41.74 2.06 0.00	39.74 2.25 0.00	39.70 2.28 0.00	42.39 2.66 0.00	46.69 3.14 0.00	49.73 3.38 0.00	54.02 3.58 0.00	55.68 3.45 0.00	57.48 3.71 0.00	68.71 4.85 0.00	79.69 6.18 0.00	80.70 5.56 0.00	74.04 4.71 0.00	67.04 3.31 0.00	57.78 2.22 0.00	53.28 2.49 0.00	50.68 2.46 0.00
PEEKSKILL____ 23653	43.70 1.96 0.00	41.00 1.62 0.00	37.19 1.33 0.00	34.57 1.17 0.00	32.97 1.11 0.00	36.12 1.05 0.00	40.27 1.40 0.00	41.47 1.79 0.00	39.56 2.06 0.00	39.52 2.09 0.00	42.19 2.46 0.00	46.52 2.96 0.00	49.59 3.24 0.00	53.72 3.28 0.00	55.42 3.19 0.00	56.67 2.90 0.00	67.56 3.70 0.00	78.59 5.07 0.00	79.65 4.51 0.00	72.99 3.67 0.00	65.96 2.23 0.00	57.00 1.44 0.00	52.67 1.88 0.00	50.25 2.02 0.00
PGE MADISON__WINDPWR 24146	43.70 1.96 0.00	41.15 1.77 0.00	37.51 1.65 0.00	35.04 1.64 0.00	33.45 1.59 0.00	37.03 1.96 0.00	41.05 2.18 0.00	41.82 2.14 0.00	38.99 1.50 0.00	38.62 1.20 0.00	40.88 1.15 0.00	44.64 1.09 0.00	47.55 1.21 0.00	52.25 1.77 -0.04	54.32 2.09 0.00	56.25 2.47 0.00	67.43 3.58 0.01	78.96 5.44 0.00	81.46 6.24 -0.08	75.56 6.24 0.00	69.15 5.42 0.00	60.06 4.39 -0.11	54.29 3.50 0.00	51.48 3.23 -0.03
PIERCEFIELD____HYD 23852	41.95 0.21 0.00	39.46 0.08 0.00	35.93 0.07 0.00	33.57 0.17 0.00	31.95 0.10 0.00	35.31 0.25 0.00	39.11 0.23 0.00	39.84 0.16 0.00	37.42 -0.07 0.00	37.31 -0.11 0.00	39.49 -0.24 0.00	43.29 -0.26 0.00	45.88 -0.46 0.00	49.80 -0.66 -0.02	51.08 -1.15 0.00	52.00 -1.77 0.00	61.56 -2.30 0.00	70.58 -2.94 0.00	72.48 -2.71 -0.04	67.03 -2.29 0.00	62.33 -1.40 0.00	55.17 -0.44 -0.06	50.58 -0.20 0.00	48.38 0.14 -0.01
PINELAWN_CC_1 323563	45.87 3.38 -0.75	42.83 2.76 -0.69	38.75 2.22 -0.67	35.99 1.90 -0.69	34.35 1.85 -0.65	37.48 1.75 -0.66	41.47 2.18 -0.42	43.03 2.82 -0.53	41.41 3.15 -0.76	41.84 3.48 -0.94	48.23 3.69 -4.81	49.81 4.27 -1.98	52.26 4.40 -1.51	59.94 3.93 -5.56	62.67 4.39 -6.05	69.46 4.30 -11.39	84.62 5.04 -15.72	101.21 6.32 -21.37	94.70 5.56 -14.00	91.61 4.23 -18.06	77.41 2.29 -11.38	64.14 2.56 -6.02	55.22 2.69 -1.74	51.60 2.89 -0.49
PJM_GEN_HTP_PROXY 323702	44.16 2.42 0.00	41.35 1.97 0.00	37.44 1.58 0.00	34.77 1.37 0.00	33.17 1.31 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.90 2.22 0.00	40.01 2.51 0.00	39.97 2.55 0.00	42.78 3.06 -0.02	47.23 3.66 0.62	49.66 3.94 -0.62	55.05 3.98 0.00	56.09 3.86 0.00	57.11 3.34 0.00	68.07 4.21 0.00	79.18 5.66 0.00	80.10 4.96 0.00	73.42 4.09 0.00	66.09 2.36 0.00	57.17 1.61 0.00	53.08 2.29 0.00	50.68 2.46 0.00
PJM_GEN_KEystone 24065	40.60 0.04 1.18	34.90 -0.04 4.44	30.00 -0.11 5.75	27.30 -0.13 5.97	27.91 -0.16 3.79	31.10 -0.21 3.76	35.70 0.04 3.21	39.45 0.36 0.59	36.60 0.37 1.27	37.80 0.37 0.00	40.40 0.67 0.00	44.34 0.78 0.00	46.51 0.79 0.62	52.07 1.01 -0.62	53.12 0.89 0.00	54.42 0.65 0.00	64.61 0.77 0.01	75.43 1.91 0.00	76.97 1.88 0.05	71.21 1.94 0.05	64.04 0.51 0.20	55.60 0.11 0.07	50.94 0.15 0.00	42.23 0.24 6.23
PJM_GEN_NEPTUNE_PROXY 323594	44.41 2.67 0.00	41.51 2.13 0.00	37.54 1.69 0.00	34.83 1.44 0.00	33.23 1.37 0.00	36.33 1.26 0.00	40.51 1.63 0.00	41.86 2.18 0.00	40.08 2.59 0.00	40.24 2.81 -0.01	47.01 3.06 -4.23	48.45 3.57 -1.32	49.62 3.89 0.62	54.74 3.68 -0.62	56.05 3.81 -0.01	57.12 3.34 -0.02	67.64 3.77 -0.02	78.87 5.36 0.01	80.01 4.74 -0.13	72.72 3.40 0.00	65.45 1.72 0.00	57.34 1.78 0.00	52.87 2.08 0.00	50.82 2.60 0.00
PJM_GEN_VFT_PROXY 323633	43.99 2.25 0.00	41.19 1.81 0.00	37.29 1.44 0.00	34.64 1.24 0.00	33.07 1.21 0.00	36.16 1.09 0.00	40.43 1.56 0.00	41.78 2.10 0.00	39.90 2.40 0.00	39.89 2.47 0.00	42.66 2.94 0.00	47.10 3.53 -0.02	49.57 3.84 0.62	54.89 3.83 -0.62	55.78 3.55 0.00	56.60 2.90 0.07	66.81 3.70 0.75	77.94 5.07 0.65	78.81 4.36 0.69	72.14 3.53 0.72	62.74 1.85 2.84	55.67 1.17 1.06	52.82 2.03 0.00	50.49 2.27 0.00
PLATSBURG_115KV_PMLD1 355749	42.37 0.63 0.00	39.85 0.47 0.00	36.33 0.47 0.00	33.87 0.47 0.00	32.24 0.38 0.00	35.56 0.49 0.00	39.34 0.47 0.00	40.08 0.40 0.00	37.83 0.34 0.00	37.91 0.49 0.00	40.24 0.52 0.00	44.12 0.57 0.00	46.81 0.46 0.00	50.84 0.40 0.00	52.12 -0.10 0.00	53.18 -0.59 0.00	63.09 -0.77 0.00	72.34 -1.18 0.00	74.09 -1.05 0.00	68.42 -0.90 0.00	63.41 -0.32 0.00	55.78 0.22 0.00	51.14 0.36 0.00	48.90 0.68 0.00
PLEASANTVLY____LBMP 24000	43.41 1.67 0.00	40.76 1.38 0.00	37.01 1.15 0.00	34.40 1.00 0.00	32.81 0.96 0.00	35.95 0.88 0.00	40.00 1.13 0.00	41.23 1.55 0.00	39.22 1.72 0.00	39.18 1.76 0.00	41.79 2.07 0.00	45.99 2.44 0.00	48.99 2.64 0.00	53.11 2.67 0.00	54.79 2.56 0.00	56.35 2.58 0.00	67.18 3.32 0.00	77.78 4.26 0.00	78.97 3.83 0.00	72.37 3.05 0.00	65.51 1.78 0.00	56.67 1.11 0.00	52.36 1.57 0.00	49.86 1.64 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.83 2.09 0.00	41.15 1.77 0.00	37.33 1.47 0.00	34.67 1.27 0.00	33.07 1.21 0.00	36.23 1.16 0.00	40.39 1.52 0.00	41.66 1.98 0.00	39.67 2.17 0.00	39.70 2.28 0.00	42.39 2.66 0.00	46.69 3.14 0.00	49.68 3.34 0.00	53.92 3.48 0.00	55.52 3.29 0.00	57.05 3.28 0.00	68.07 4.21 0.00	78.88 5.37 0.00	79.95 4.81 0.00	73.27 3.95 0.00	66.15 2.42 0.00	57.12 1.56 0.00	52.87 2.08 0.00	50.34 2.12 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.83 2.09 0.00	41.15 1.77 0.00	37.33 1.47 0.00	34.67 1.27 0.00	33.07 1.21 0.00	36.23 1.16 0.00	40.39 1.52 0.00	41.66 1.98 0.00	39.67 2.17 0.00	39.70 2.28 0.00	42.39 2.66 0.00	46.69 3.14 0.00	49.68 3.34 0.00	53.92 3.48 0.00	55.52 3.29 0.00	57.05 3.28 0.00	68.07 4.21 0.00	78.88 5.37 0.00	79.95 4.81 0.00	73.27 3.95 0.00	66.15 2.42 0.00	57.12 1.56 0.00	52.87 2.08 0.00	50.34 2.12 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.66 1.92 0.00	40.99 1.61 0.00	37.26 1.40 0.00	34.60 1.20 0.00	33.01 1.15 0.00	36.16 1.09 0.00	40.16 1.28 0.00	41.54 1.86 0.00	39.48 1.99 0.00	39.37 1.95 0.00	41.83 2.11 0.00	45.99 2.44 0.00	49.04 2.69 0.00	53.26 2.82 0.00	55.15 2.92 0.00	57.00 3.23 0.00	67.75 3.90 0.00	78.44 4.93 0.00	79.72 4.58 0.00	73.14 3.81 0.00	66.28 2.55 0.00	57.28 1.72 0.00	52.77 1.98 0.00	50.20 1.98 0.00
POLETTI____ 23519	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.42 3.98 0.00	55.78 3.55 0.00	57.11 3.33 0.00	68.14 4.28 0.00	78.88 5.37 0.00	79.86 4.73 0.01	73.12 3.81 0.01	65.83 2.10 0.00	56.84 1.28 0.00	53.07 2.29 0.00	50.68 2.46 0.00

POMONA___ESR 323819	43.57 1.83 0.00	40.91 1.53 0.00	37.15 1.29 0.00	34.50 1.10 0.00	32.91 1.05 0.00	36.05 0.98 0.00	40.15 1.28 0.00	41.35 1.67 0.00	39.44 1.95 0.00	39.40 1.98 0.00	42.07 2.34 0.00	46.34 2.79 0.00	49.45 3.11 0.00	53.57 3.13 0.00	55.36 3.13 0.00	56.62 2.85 0.00	67.56 3.70 0.00	78.52 5.00 0.00	79.65 4.51 0.00	72.99 3.67 0.00	65.96 2.23 0.00	56.95 1.39 0.00	52.56 1.78 0.00	50.15 1.93 0.00
PORT_JEFF_3 23555	59.67 3.42 -14.50	55.58 2.87 -13.32	51.00 2.30 -12.85	48.64 2.00 -13.23	46.30 1.94 -12.50	49.61 1.86 -12.68	49.23 2.29 -8.06	52.90 2.90 -10.33	55.54 3.30 -14.75	59.19 3.56 -18.21	58.96 3.73 -15.50	61.82 4.18 -14.08	79.84 4.26 -29.23	161.71 3.83 -107.44	173.04 3.92 -116.89	276.79 3.39 -219.63	370.46 3.25 -303.34	491.16 5.00 -412.65	359.79 4.05 -280.59	421.06 2.98 -348.76	284.77 1.21 -219.83	173.60 1.78 -116.26	86.54 2.18 -33.57	60.73 3.09 -9.42
PORT_JEFF_4 23616	59.67 3.42 -14.50	55.58 2.87 -13.32	51.00 2.30 -12.85	48.64 2.00 -13.23	46.30 1.94 -12.50	49.61 1.86 -12.68	49.23 2.29 -8.06	52.90 2.90 -10.33	55.54 3.30 -14.75	59.19 3.56 -18.21	58.96 3.73 -15.50	61.82 4.18 -14.08	79.84 4.26 -29.23	161.71 3.83 -107.44	173.04 3.92 -116.89	276.79 3.39 -219.63	370.46 3.25 -303.34	491.16 5.00 -412.65	359.79 4.05 -280.59	421.06 2.98 -348.76	284.77 1.21 -219.83	173.60 1.78 -116.26	86.54 2.18 -33.57	60.73 3.09 -9.42
PORT_JEFF_IC 23713	62.08 3.55 -16.79	57.76 2.95 -15.42	53.13 2.40 -14.87	50.79 2.07 -15.32	48.34 2.01 -14.47	51.68 1.93 -14.68	50.58 2.37 -9.33	54.65 3.02 -11.96	57.94 3.37 -17.07	62.16 3.67 -21.08	60.78 3.77 -17.28	63.92 4.27 -16.10	84.31 4.12 -33.83	178.36 3.53 -124.39	191.52 3.97 -135.32	311.81 3.76 -254.27	419.20 4.15 -351.19	556.55 5.29 -477.74	404.06 4.28 -324.64	476.28 3.19 -403.77	319.57 1.34 -254.51	192.05 1.89 -134.60	91.83 2.18 -38.86	61.92 2.80 -10.90
PPL PILGRIM_ST_GT1 24216	48.05 3.67 -2.63	44.83 3.03 -2.42	40.66 2.47 -2.33	37.94 2.14 -2.40	36.20 2.07 -2.27	39.37 2.00 -2.30	42.79 2.45 -1.46	44.61 3.06 -1.87	43.62 3.45 -2.68	44.51 3.78 -3.31	50.05 4.05 -6.27	51.81 4.61 -3.64	56.52 4.87 -5.31	74.28 4.34 -19.50	77.99 4.54 -21.22	97.52 3.87 -39.87	122.89 3.96 -55.07	154.21 5.81 -74.89	130.91 4.88 -50.89	136.29 3.67 -63.30	105.48 1.85 -39.90	79.22 2.56 -21.10	59.77 2.89 -6.09	53.50 3.57 -1.71
PPL PILGRIM_ST_GT2 24217	48.05 3.67 -2.63	44.83 3.03 -2.42	40.66 2.47 -2.33	37.94 2.14 -2.40	36.20 2.07 -2.27	39.37 2.00 -2.30	42.79 2.45 -1.46	44.61 3.06 -1.87	43.62 3.45 -2.68	44.51 3.78 -3.31	50.05 4.05 -6.27	51.81 4.61 -3.64	56.52 4.87 -5.31	74.28 4.34 -19.50	77.99 4.54 -21.22	97.52 3.87 -39.87	122.89 3.96 -55.07	154.21 5.81 -74.89	130.91 4.88 -50.89	136.29 3.67 -63.30	105.48 1.85 -39.90	79.22 2.56 -21.10	59.77 2.89 -6.09	53.50 3.57 -1.71
PPL_SHRM_GT3 24213	60.07 3.51 -14.82	55.91 2.91 -13.61	51.35 2.37 -13.13	48.99 2.07 -13.52	46.67 2.04 -12.77	49.99 1.96 -12.96	49.48 2.37 -8.24	53.21 2.98 -10.55	55.86 3.30 -15.07	59.59 3.56 -18.61	59.29 3.81 -15.75	62.32 4.40 -14.36	80.86 4.63 -29.87	164.52 4.28 -109.80	176.23 4.54 -119.46	282.42 4.20 -224.45	377.76 3.90 -310.01	500.96 5.74 -421.71	366.71 4.88 -286.69	429.76 4.02 -356.42	290.62 2.23 -224.66	176.88 2.50 -118.81	87.68 2.59 -34.30	61.03 3.18 -9.63
PPL_SHRM_GT4 24214	60.07 3.51 -14.82	55.91 2.91 -13.61	51.35 2.37 -13.13	48.99 2.07 -13.52	46.67 2.04 -12.77	49.99 1.96 -12.96	49.48 2.37 -8.24	53.21 2.98 -10.55	55.86 3.30 -15.07	59.59 3.56 -18.61	59.29 3.81 -15.75	62.32 4.40 -14.36	80.86 4.63 -29.87	164.52 4.28 -109.80	176.23 4.54 -119.46	282.42 4.20 -224.45	377.76 3.90 -310.01	500.96 5.74 -421.71	366.71 4.88 -286.69	429.76 4.02 -356.42	290.62 2.23 -224.66	176.88 2.50 -118.81	87.68 2.59 -34.30	61.03 3.18 -9.63
PROJECT___ORANGE 1 24174	41.07 -0.67 0.00	38.87 -0.51 0.00	35.36 -0.50 0.00	32.97 -0.43 0.00	31.45 -0.41 0.00	34.72 -0.35 0.00	38.56 -0.31 0.00	39.24 -0.44 0.00	37.04 -0.45 0.00	36.97 -0.45 0.00	39.33 -0.40 0.00	43.12 -0.44 0.00	45.88 -0.46 0.00	50.09 -0.40 -0.06	51.92 -0.31 0.00	53.56 -0.22 0.00	63.65 -0.19 0.02	73.59 0.07 0.00	75.41 0.15 -0.12	69.67 0.35 0.00	63.73 0.00 0.00	55.54 -0.17 -0.15	50.38 -0.41 0.00	47.78 -0.48 -0.04
PROJECT___ORANGE 2 24166	41.07 -0.67 0.00	38.87 -0.51 0.00	35.36 -0.50 0.00	32.97 -0.43 0.00	31.45 -0.41 0.00	34.72 -0.35 0.00	38.56 -0.31 0.00	39.24 -0.44 0.00	37.04 -0.45 0.00	36.97 -0.45 0.00	39.33 -0.40 0.00	43.12 -0.44 0.00	45.88 -0.46 0.00	50.09 -0.40 -0.06	51.92 -0.31 0.00	53.56 -0.22 0.00	63.65 -0.19 0.02	73.59 0.07 0.00	75.41 0.15 -0.12	69.67 0.35 0.00	63.73 0.00 0.00	55.54 -0.17 -0.15	50.38 -0.41 0.00	47.78 -0.48 -0.04
PUCKETT___SOLAR 323809	41.91 0.17 0.00	39.58 0.20 0.00	36.00 0.14 0.00	33.53 0.13 0.00	31.99 0.13 0.00	35.32 0.25 0.00	39.26 0.39 0.00	40.08 0.40 0.00	37.65 0.15 0.00	37.38 -0.04 0.00	39.73 0.00 0.00	43.51 -0.04 0.00	46.26 -0.09 0.00	50.63 0.15 -0.04	52.49 0.26 0.00	54.26 0.48 0.00	64.62 0.77 0.01	75.36 1.84 0.00	77.47 2.25 -0.08	71.75 2.43 0.00	65.32 1.59 0.00	56.83 1.17 -0.10	51.60 0.81 0.00	48.97 0.72 -0.02
PYRITES___HYD 24023	42.45 0.71 0.00	39.93 0.55 0.00	36.40 0.54 0.00	34.00 0.60 0.00	32.40 0.54 0.00	35.81 0.74 0.00	39.65 0.78 0.00	40.27 0.60 0.00	37.68 0.19 0.00	37.57 0.15 0.00	39.69 -0.04 0.00	43.47 -0.09 0.00	46.12 -0.23 0.00	50.06 -0.40 -0.02	51.45 -0.78 0.00	52.43 -1.34 0.00	62.20 -1.66 0.00	71.39 -2.13 0.00	73.53 -1.65 -0.04	68.28 -1.04 0.00	63.60 -0.13 0.00	56.28 0.67 -0.05	51.50 0.71 0.00	49.15 0.92 -0.01
QUAKERRD_115KV_BK1 80622	40.07 -1.67 0.00	37.88 -1.50 0.00	34.50 -1.36 0.00	32.16 -1.24 0.00	30.62 -1.24 0.00	33.91 -1.16 0.00	37.82 -1.05 0.00	38.77 -0.91 0.00	36.41 -1.09 0.00	36.34 -1.09 0.00	38.77 -0.95 0.00	42.47 -1.09 0.00	45.05 -1.30 0.00	49.33 -1.11 0.00	51.08 -1.15 0.00	52.43 -1.34 0.00	62.22 -1.60 0.04	72.27 -1.25 0.00	74.24 -0.90 0.00	69.25 -0.07 0.00	63.09 -0.64 0.00	54.95 -0.61 0.00	49.62 -1.17 0.00	46.92 -1.30 0.00
QUENSBRY_115KV_TB8 356137	43.20 1.46 0.00	40.80 1.42 0.00	37.15 1.29 0.00	34.57 1.17 0.00	33.01 1.15 0.00	36.37 1.30 0.00	40.16 1.28 0.00	41.23 1.55 0.00	38.84 1.35 0.00	38.51 1.09 0.00	40.08 0.36 0.00	43.82 0.26 0.00	46.81 0.46 0.00	51.09 0.66 0.00	53.33 1.10 0.00	55.44 1.67 0.00	65.45 1.60 0.00	76.09 2.57 0.00	78.97 3.83 0.00	72.79 3.47 0.00	67.49 3.76 0.00	58.34 2.78 0.00	53.18 2.39 0.00	50.34 2.12 0.00
RAMAPO___LBMP 323565	43.41 1.67 0.00	40.76 1.38 0.00	37.01 1.15 0.00	34.40 1.00 0.00	32.81 0.96 0.00	35.95 0.88 0.00	40.04 1.17 0.00	41.23 1.55 0.00	39.29 1.80 0.00	39.25 1.83 0.00	41.91 2.18 0.00	46.17 2.61 0.00	49.13 2.78 0.00	53.36 2.93 0.00	55.00 2.77 0.00	56.57 2.80 0.00	67.50 3.64 0.00	78.22 4.71 0.00	79.27 4.13 0.00	72.65 3.33 0.00	65.58 1.85 0.00	56.62 1.06 0.00	52.31 1.52 0.00	49.86 1.64 0.00

RANKINE____ 23646	40.24 -1.50 0.00	38.08 -1.30 0.00	34.60 -1.26 0.00	32.30 -1.10 0.00	30.68 -1.18 0.00	34.02 -1.05 0.00	38.13 -0.74 0.00	39.24 -0.44 0.00	36.74 -0.75 0.00	36.52 -0.90 0.00	39.17 -0.56 0.00	42.77 -0.78 0.00	45.37 -0.97 0.00	49.98 -0.45 0.00	51.76 -0.47 0.00	52.91 -0.86 0.00	62.80 -1.02 0.03	73.30 -0.22 0.00	75.67 0.53 0.00	71.33 2.01 0.00	64.75 1.02 0.00	56.34 0.78 0.00	50.48 -0.30 0.00	47.69 -0.53 0.00
RAVENSWOOD_GT2_1 24244	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.42 3.98 0.00	55.78 3.55 0.00	57.16 3.39 0.00	68.14 4.28 0.00	78.96 5.44 0.00	79.94 4.81 0.00	73.20 3.88 0.00	65.90 2.17 0.00	56.89 1.33 0.00	53.07 2.29 0.00	50.68 2.46 0.00
RAVENSWOOD_GT2_2 24245	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.42 3.98 0.00	55.78 3.55 0.00	57.16 3.39 0.00	68.14 4.28 0.00	78.96 5.44 0.00	79.94 4.81 0.00	73.20 3.88 0.00	65.90 2.17 0.00	56.89 1.33 0.00	53.07 2.29 0.00	50.68 2.46 0.00
RAVENSWOOD_GT2_3 24246	44.20 2.46 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.84 1.44 0.00	33.23 1.37 0.00	36.33 1.26 0.00	40.62 1.75 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.82 3.10 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.47 4.04 0.00	55.83 3.60 0.00	57.21 3.44 0.00	68.20 4.34 0.00	79.03 5.51 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.90 2.17 0.00	56.95 1.39 0.00	53.12 2.34 0.00	50.68 2.46 0.00
RAVENSWOOD_GT2_4 24247	44.20 2.46 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.84 1.44 0.00	33.23 1.37 0.00	36.33 1.26 0.00	40.62 1.75 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.82 3.10 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.47 4.04 0.00	55.83 3.60 0.00	57.21 3.44 0.00	68.20 4.34 0.00	79.03 5.51 0.00	80.02 4.88 0.00	73.27 3.95 0.00	65.90 2.17 0.00	56.95 1.39 0.00	53.12 2.34 0.00	50.68 2.46 0.00
RAVENSWOOD_GT3_1 24248	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.42 3.98 0.00	55.83 3.60 0.00	57.16 3.39 0.00	68.14 4.28 0.00	78.96 5.44 0.00	79.94 4.81 0.00	73.20 3.88 0.00	65.90 2.17 0.00	56.95 1.39 0.00	53.07 2.29 0.00	50.68 2.46 0.00
RAVENSWOOD_GT3_2 24249	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.42 3.98 0.00	55.83 3.60 0.00	57.16 3.39 0.00	68.14 4.28 0.00	78.96 5.44 0.00	79.94 4.81 0.00	73.20 3.88 0.00	65.90 2.17 0.00	56.95 1.39 0.00	53.07 2.29 0.00	50.68 2.46 0.00
RAVENSWOOD_GT3_3 24250	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.37 1.30 0.00	40.66 1.79 0.00	42.02 2.34 0.00	40.08 2.59 0.00	40.08 2.66 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.33 3.99 0.00	54.52 4.09 0.00	55.94 3.71 0.00	57.27 3.50 0.00	68.33 4.47 0.00	79.18 5.66 0.00	80.09 4.96 0.00	73.34 4.02 0.00	66.02 2.29 0.00	57.06 1.50 0.00	53.18 2.39 0.00	50.78 2.56 0.00
RAVENSWOOD_GT3_4 24251	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.37 1.30 0.00	40.66 1.79 0.00	42.02 2.34 0.00	40.08 2.59 0.00	40.08 2.66 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.33 3.99 0.00	54.52 4.09 0.00	55.94 3.71 0.00	57.27 3.50 0.00	68.33 4.47 0.00	79.18 5.66 0.00	80.09 4.96 0.00	73.34 4.02 0.00	66.02 2.29 0.00	57.06 1.50 0.00	53.18 2.39 0.00	50.78 2.56 0.00
RAVENSWOOD_GT_1 23729	44.33 2.59 0.00	41.47 2.09 0.00	37.58 1.72 0.00	34.90 1.50 0.00	33.29 1.43 0.00	36.33 1.26 0.00	40.62 1.75 0.00	42.02 2.34 0.00	40.04 2.55 0.00	40.04 2.62 0.00	42.94 3.22 0.00	47.36 3.79 -0.02	50.38 4.03 0.00	54.52 4.09 0.00	55.89 3.66 0.00	57.16 3.39 0.00	68.07 4.21 0.00	78.81 5.29 0.00	79.79 4.66 0.00	72.99 3.67 0.00	65.57 1.85 0.01	56.84 1.28 0.00	53.33 2.54 0.00	50.88 2.65 0.00
RAVENSWOOD_GT_10 24258	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.42 3.98 0.00	55.83 3.60 0.00	57.16 3.39 0.00	68.20 4.34 0.00	78.96 5.44 0.00	79.94 4.81 0.00	73.20 3.88 0.00	65.90 2.17 0.00	56.95 1.39 0.00	53.07 2.29 0.00	50.68 2.46 0.00
RAVENSWOOD_GT_11 24259	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.42 3.98 0.00	55.83 3.60 0.00	57.16 3.39 0.00	68.20 4.34 0.00	78.96 5.44 0.00	79.94 4.81 0.00	73.20 3.88 0.00	65.90 2.17 0.00	56.95 1.39 0.00	53.07 2.29 0.00	50.68 2.46 0.00
RAVENSWOOD_GT_4 24252	44.20 2.46 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.83 1.44 0.00	33.23 1.37 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.82 3.10 0.00	47.27 3.70 -0.02	50.29 3.94 0.00	54.42 3.98 0.00	55.83 3.60 0.00	57.16 3.39 0.00	68.07 4.21 0.00	78.88 5.37 0.00	79.87 4.73 0.00	73.06 3.74 0.00	65.76 2.04 0.01	56.89 1.33 0.00	53.12 2.34 0.00	50.73 2.51 0.00
RAVENSWOOD_GT_5 24254	44.20 2.46 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.83 1.44 0.00	33.23 1.37 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.82 3.10 0.00	47.27 3.70 -0.02	50.29 3.94 0.00	54.42 3.98 0.00	55.83 3.60 0.00	57.16 3.39 0.00	68.07 4.21 0.00	78.88 5.37 0.00	79.87 4.73 0.00	73.06 3.74 0.00	65.76 2.04 0.01	56.89 1.33 0.00	53.12 2.34 0.00	50.73 2.51 0.00
RAVENSWOOD_GT_6 24253	44.20 2.46 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.83 1.44 0.00	33.23 1.37 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.82 3.10 0.00	47.27 3.70 -0.02	50.29 3.94 0.00	54.42 3.98 0.00	55.83 3.60 0.00	57.16 3.39 0.00	68.07 4.21 0.00	78.88 5.37 0.00	79.87 4.73 0.00	73.06 3.74 0.00	65.76 2.04 0.01	56.89 1.33 0.00	53.12 2.34 0.00	50.73 2.51 0.00

RAVENSWOOD_GT_7 24255	44.20 2.46 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.83 1.44 0.00	33.23 1.37 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.82 3.10 0.00	47.27 3.70 -0.02	50.29 3.94 0.00	54.42 3.98 0.00	55.83 3.60 0.00	57.16 3.39 0.00	68.07 4.21 0.00	78.88 5.37 0.00	79.87 4.73 0.00	73.06 3.74 0.00	65.76 2.04 0.01	56.89 1.33 0.00	53.12 2.34 0.00	50.73 2.51 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.42 3.98 0.00	55.83 3.60 0.00	57.16 3.39 0.00	68.20 4.34 0.00	78.96 5.44 0.00	79.94 4.81 0.00	73.20 3.88 0.00	65.90 2.17 0.00	56.95 1.39 0.00	53.07 2.29 0.00	50.68 2.46 0.00
RAVENSWOOD_GT_9 24257	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.61 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.98 2.30 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.24 3.89 0.00	54.42 3.98 0.00	55.83 3.60 0.00	57.16 3.39 0.00	68.20 4.34 0.00	78.96 5.44 0.00	79.94 4.81 0.00	73.20 3.88 0.00	65.90 2.17 0.00	56.95 1.39 0.00	53.07 2.29 0.00	50.68 2.46 0.00
RAVENSWOOD___1 23533	44.29 2.55 0.00	41.47 2.09 0.00	37.54 1.69 0.00	34.87 1.47 0.00	33.26 1.40 0.00	36.33 1.26 0.00	40.62 1.75 0.00	41.94 2.26 0.00	40.08 2.59 0.00	40.04 2.62 0.00	42.90 3.18 0.00	47.36 3.79 -0.02	50.47 4.12 0.00	54.42 3.98 0.00	56.09 3.86 0.00	56.89 3.12 0.00	67.75 3.90 0.00	78.66 5.14 0.00	79.64 4.51 0.00	72.85 3.53 0.00	65.70 1.98 0.01	57.00 1.44 0.00	53.33 2.54 0.00	50.92 2.70 0.00
RAVENSWOOD___2 23534	44.20 2.46 0.00	41.39 2.01 0.00	37.47 1.62 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.26 1.19 0.00	40.51 1.63 0.00	41.82 2.14 0.00	39.97 2.47 0.00	39.97 2.55 0.00	42.83 3.10 0.00	47.23 3.66 -0.02	50.38 4.03 0.00	54.32 3.88 0.00	55.94 3.71 0.00	56.67 2.90 0.00	67.30 3.45 0.00	78.15 4.63 0.00	79.12 3.98 0.00	72.37 3.05 0.00	65.25 1.53 0.01	56.73 1.17 0.00	53.23 2.44 0.00	50.82 2.60 0.00
RAVENSWOOD___3 23535	44.16 2.42 0.00	41.39 2.01 0.00	37.47 1.62 0.00	34.80 1.40 0.00	33.20 1.34 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.90 2.22 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.78 3.06 0.00	47.23 3.66 -0.02	50.33 3.99 0.00	54.38 3.94 0.00	55.99 3.76 0.00	56.94 3.17 0.00	67.88 4.03 0.00	78.88 5.36 0.00	79.87 4.74 0.00	73.13 3.81 0.00	65.96 2.23 0.00	57.06 1.50 0.00	53.13 2.34 0.00	50.78 2.55 0.00
RAVENSWOOD___4 23820	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.83 1.44 0.00	33.26 1.40 0.00	36.33 1.26 0.00	40.58 1.71 0.00	41.90 2.22 0.00	40.05 2.55 0.00	40.00 2.58 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.47 4.12 0.00	54.42 3.98 0.00	56.04 3.81 0.00	56.89 3.12 0.00	67.69 3.83 0.00	78.66 5.14 0.00	79.64 4.51 0.00	72.78 3.46 0.00	65.70 1.98 0.01	56.95 1.39 0.00	53.28 2.49 0.00	50.92 2.70 0.00
RCPI_TRUST___DRP 24196	44.24 2.50 0.00	41.43 2.05 0.00	37.47 1.61 0.00	34.84 1.44 0.00	33.23 1.37 0.00	36.40 1.33 0.00	40.66 1.79 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	42.86 3.14 0.00	47.31 3.75 -0.02	50.33 3.99 0.00	54.57 4.14 0.00	56.04 3.81 0.00	57.48 3.71 0.00	68.58 4.73 0.00	79.47 5.95 0.00	80.40 5.26 0.00	73.62 4.30 0.00	66.22 2.49 0.00	57.17 1.61 0.00	53.18 2.39 0.00	50.68 2.46 0.00
RED___ROCHESTER 323720	41.28 -0.46 0.00	38.95 -0.43 0.00	35.50 -0.36 0.00	33.10 -0.30 0.00	31.48 -0.38 0.00	34.89 -0.17 0.00	38.99 0.12 0.00	40.16 0.48 0.00	37.68 0.19 0.00	37.61 0.19 0.00	40.20 0.48 0.00	44.08 0.52 0.00	46.44 0.09 0.00	50.99 0.56 0.00	52.54 0.32 0.00	54.15 0.38 0.00	64.52 0.70 0.04	75.13 1.62 0.00	76.94 1.80 0.00	71.89 2.57 0.00	65.00 1.27 0.00	56.67 1.11 0.00	51.30 0.51 0.00	48.42 0.19 0.00
REGAN___SOLAR 323812	43.78 2.04 0.00	41.27 1.89 0.00	37.54 1.69 0.00	34.97 1.57 0.00	33.39 1.53 0.00	36.82 1.75 0.00	40.74 1.87 0.00	40.99 1.31 0.00	37.98 0.49 0.00	37.46 0.04 0.00	39.53 -0.20 0.00	43.29 -0.26 0.00	46.21 -0.14 0.00	50.59 0.15 0.00	52.60 0.37 0.00	54.42 0.65 0.00	65.13 1.28 0.00	76.38 2.86 0.00	79.65 4.51 0.00	74.17 4.85 0.00	68.12 4.39 0.00	59.01 3.45 0.00	53.84 3.05 0.00	51.02 2.80 0.00
RENSSELAER___COGEN 23796	42.03 0.29 0.00	39.66 0.28 0.00	36.14 0.29 0.00	33.64 0.24 0.00	32.11 0.25 0.00	35.28 0.21 0.00	38.91 0.04 0.00	39.72 0.04 0.00	37.61 0.11 0.00	37.46 0.04 0.00	39.73 0.00 0.00	43.42 -0.13 0.00	46.35 0.00 0.00	50.49 0.05 0.00	52.33 0.10 0.00	53.88 0.11 0.00	64.18 0.32 0.00	74.33 0.81 0.00	75.89 0.75 0.00	69.81 0.49 0.00	64.05 0.32 0.00	55.67 0.11 0.00	50.89 0.10 0.00	48.32 0.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.08 3.34 0.00	42.57 3.19 0.00	38.73 2.87 0.00	36.04 2.64 0.00	34.44 2.58 0.00	38.02 2.95 0.00	41.87 2.99 0.00	42.69 3.02 0.00	40.04 2.55 0.00	39.52 2.10 0.00	41.16 1.43 0.00	45.03 1.48 0.00	48.16 1.81 0.00	52.86 2.42 0.00	55.26 3.03 0.00	57.43 3.66 0.00	68.01 4.15 0.00	79.55 6.03 0.00	83.03 7.89 0.00	76.88 7.56 0.00	71.51 7.78 0.00	61.67 6.11 0.00	56.02 5.23 0.00	53.04 4.82 0.00
REVERE_CPPR_DRP 24186	42.87 1.13 0.00	40.40 1.02 0.00	36.83 0.97 0.00	34.40 1.00 0.00	32.85 0.99 0.00	36.26 1.19 0.00	40.16 1.28 0.00	40.91 1.23 0.00	38.39 0.90 0.00	38.21 0.79 0.00	40.48 0.75 0.00	44.29 0.74 0.00	47.18 0.83 0.00	51.59 1.11 -0.04	53.64 1.41 0.00	55.33 1.56 0.00	66.16 2.30 0.00	76.68 3.16 0.00	78.75 3.53 -0.08	72.86 3.54 0.00	66.92 3.19 0.00	58.32 2.67 -0.10	52.97 2.18 0.00	50.22 1.98 -0.02
REYNLDDPA_13_KV_LD 356490	42.07 0.33 0.00	39.62 0.24 0.00	36.11 0.25 0.00	33.67 0.27 0.00	32.05 0.19 0.00	35.38 0.31 0.00	39.22 0.35 0.00	39.96 0.28 0.00	37.68 0.19 0.00	37.68 0.26 0.00	39.92 0.20 0.00	43.82 0.26 0.00	46.49 0.14 0.00	50.49 0.05 0.00	52.28 0.05 0.00	53.72 -0.05 0.00	63.03 -0.83 0.00	71.97 -1.55 0.00	73.79 -1.35 0.00	68.08 -1.25 0.00	63.16 -0.57 0.00	55.67 0.11 0.00	51.15 0.36 0.00	48.56 0.34 0.00
REYNOLDS_115KV_TB3 80639	42.32 0.58 0.00	39.93 0.55 0.00	36.43 0.57 0.00	33.90 0.50 0.00	32.37 0.51 0.00	35.56 0.49 0.00	39.18 0.31 0.00	40.00 0.32 0.00	37.87 0.37 0.00	37.76 0.34 0.00	39.96 0.24 0.00	43.68 0.13 0.00	46.58 0.23 0.00	50.69 0.25 0.00	52.65 0.42 0.00	54.42 0.65 0.00	64.75 0.89 0.00	74.84 1.32 0.00	76.49 1.35 0.00	70.29 0.97 0.00	64.49 0.76 0.00	56.06 0.50 0.00	51.25 0.46 0.00	48.56 0.34 0.00

RIVERBAY____ 323610	45.25 3.51 0.00	42.37 2.99 0.00	38.33 2.47 0.00	35.57 2.17 0.00	33.93 2.07 0.00	36.93 1.86 0.00	41.24 2.37 0.00	42.62 2.94 0.00	40.61 3.11 0.00	40.56 3.14 0.00	43.62 3.89 0.00	48.01 4.44 -0.02	51.08 4.73 0.00	55.28 4.84 0.00	56.72 4.49 0.00	57.97 4.19 0.00	69.22 5.36 0.00	80.28 6.76 0.00	81.30 6.16 0.00	74.52 5.20 0.00	66.97 3.25 0.01	57.95 2.39 0.00	54.55 3.76 0.00	52.03 3.81 0.00
RIVERSDE_115KV_TB3 55908	42.20 0.46 0.00	39.81 0.43 0.00	36.33 0.47 0.00	33.80 0.40 0.00	32.27 0.41 0.00	35.46 0.39 0.00	39.07 0.19 0.00	39.92 0.24 0.00	37.76 0.26 0.00	37.65 0.22 0.00	39.88 0.16 0.00	43.60 0.04 0.00	46.49 0.14 0.00	50.64 0.20 0.00	52.54 0.31 0.00	54.26 0.48 0.00	64.62 0.77 0.00	74.69 1.18 0.00	76.34 1.20 0.00	70.15 0.83 0.00	64.37 0.64 0.00	55.95 0.39 0.00	51.14 0.36 0.00	48.46 0.24 0.00
ROARING__BROOK_WT_PWR 323790	41.49 -0.25 0.00	39.06 -0.32 0.00	35.50 -0.36 0.00	33.03 -0.37 0.00	31.48 -0.38 0.00	34.65 -0.42 0.00	38.41 -0.46 0.00	39.24 -0.44 0.00	37.16 -0.34 0.00	37.12 -0.30 0.00	39.37 -0.36 0.00	43.12 -0.44 0.00	45.79 -0.55 0.00	49.78 -0.66 0.00	51.50 -0.73 0.00	53.02 -0.75 0.00	62.96 -0.89 0.00	72.64 -0.88 0.00	74.39 -0.75 0.00	68.63 -0.69 0.00	63.09 -0.64 0.00	55.06 -0.50 0.00	50.33 -0.46 0.00	47.79 -0.43 0.00
ROCHESRG_115KV_T4 355643	40.74 -1.00 0.00	38.51 -0.87 0.00	35.07 -0.79 0.00	32.73 -0.67 0.00	31.13 -0.73 0.00	34.47 -0.60 0.00	38.52 -0.35 0.00	39.56 -0.12 0.00	37.08 -0.41 0.00	37.01 -0.41 0.00	39.53 -0.20 0.00	43.25 -0.30 0.00	45.88 -0.46 0.00	50.29 -0.15 0.00	52.07 -0.16 0.00	53.45 -0.32 0.00	63.43 -0.38 0.04	73.74 0.22 0.00	75.74 0.60 0.00	70.85 1.53 0.00	64.49 0.76 0.00	56.17 0.61 0.00	50.69 -0.10 0.00	47.88 -0.34 0.00
ROCHESTER_9_IC 23652	41.07 -0.67 0.00	38.79 -0.59 0.00	35.32 -0.54 0.00	32.93 -0.47 0.00	31.35 -0.51 0.00	34.75 -0.32 0.00	38.80 -0.08 0.00	39.96 0.28 0.00	37.49 0.00 0.00	37.42 0.00 0.00	39.96 0.24 0.00	43.82 0.26 0.00	46.44 0.09 0.00	50.89 0.45 0.00	52.70 0.47 0.00	54.10 0.32 0.00	64.20 0.38 0.04	74.69 1.18 0.00	76.79 1.65 0.00	71.82 2.50 0.00	65.39 1.66 0.00	56.89 1.33 0.00	51.25 0.46 0.00	48.37 0.14 0.00
ROCKVIEW_13_KV_LD 356306	44.08 2.34 0.00	41.35 1.97 0.00	37.51 1.65 0.00	34.84 1.44 0.00	33.23 1.37 0.00	36.40 1.33 0.00	40.62 1.75 0.00	41.94 2.26 0.00	39.97 2.47 0.00	39.97 2.54 0.00	42.70 2.98 0.00	47.08 3.53 0.00	50.10 3.75 0.00	54.32 3.88 0.00	55.94 3.71 0.00	57.43 3.66 0.00	68.58 4.73 0.00	79.47 5.95 0.00	80.47 5.33 0.00	73.83 4.51 0.00	66.53 2.80 0.00	57.39 1.83 0.00	53.18 2.39 0.00	50.63 2.41 0.00
ROME____115KV_TB2 80656	42.87 1.13 0.00	40.40 1.02 0.00	36.83 0.97 0.00	34.40 1.00 0.00	32.85 0.99 0.00	36.26 1.19 0.00	40.16 1.28 0.00	40.91 1.23 0.00	38.39 0.90 0.00	38.21 0.79 0.00	40.48 0.75 0.00	44.29 0.74 0.00	47.18 0.83 0.00	51.59 1.11 -0.04	53.64 1.41 0.00	55.33 1.56 0.00	66.16 2.30 0.00	76.68 3.16 0.00	78.75 3.53 -0.08	72.86 3.54 0.00	66.92 3.19 0.00	58.32 2.67 -0.10	52.97 2.18 0.00	50.22 1.98 -0.02
ROSETON__1 23587	43.33 1.59 0.00	40.72 1.34 0.00	36.97 1.11 0.00	34.37 0.97 0.00	32.78 0.92 0.00	35.91 0.84 0.00	39.96 1.09 0.00	41.11 1.43 0.00	39.14 1.65 0.00	39.11 1.69 0.00	41.71 1.99 0.00	45.90 2.35 0.00	48.94 2.59 0.00	53.01 2.57 0.00	54.74 2.51 0.00	56.03 2.26 0.00	66.80 2.94 0.00	77.56 4.04 0.00	78.75 3.61 0.00	72.23 2.91 0.00	65.45 1.72 0.00	56.61 1.05 0.00	52.26 1.47 0.00	49.86 1.64 0.00
ROSETON__2 23588	43.33 1.59 0.00	40.72 1.34 0.00	36.97 1.11 0.00	34.37 0.97 0.00	32.78 0.92 0.00	35.91 0.84 0.00	39.96 1.09 0.00	41.11 1.43 0.00	39.14 1.65 0.00	39.11 1.69 0.00	41.71 1.99 0.00	45.90 2.35 0.00	48.94 2.59 0.00	53.01 2.57 0.00	54.74 2.51 0.00	56.03 2.26 0.00	66.80 2.94 0.00	77.56 4.04 0.00	78.75 3.61 0.00	72.23 2.91 0.00	65.45 1.72 0.00	56.61 1.05 0.00	52.26 1.47 0.00	49.86 1.64 0.00
ROTTDRAM_115KV_TB3 80664	42.57 0.83 0.00	40.13 0.75 0.00	36.54 0.68 0.00	34.03 0.63 0.00	32.46 0.61 0.00	35.70 0.63 0.00	39.50 0.62 0.00	40.47 0.79 0.00	38.21 0.71 0.00	38.02 0.60 0.00	40.20 0.48 0.00	44.03 0.48 0.00	46.95 0.60 0.00	51.09 0.66 0.00	53.06 0.84 0.00	54.85 1.08 0.00	65.01 1.15 0.00	75.28 1.76 0.00	77.09 1.95 0.00	71.06 1.73 0.00	65.20 1.47 0.00	56.67 1.11 0.00	51.80 1.02 0.00	49.14 0.92 0.00
RUSSELL__1 23602	41.28 -0.46 0.00	38.95 -0.43 0.00	35.50 -0.36 0.00	33.10 -0.30 0.00	31.48 -0.38 0.00	34.89 -0.18 0.00	38.99 0.12 0.00	40.16 0.48 0.00	37.68 0.19 0.00	37.61 0.19 0.00	40.20 0.48 0.00	44.08 0.52 0.00	46.72 0.37 0.00	51.25 0.81 0.00	53.01 0.78 0.00	54.42 0.65 0.00	64.58 0.77 0.04	75.21 1.69 0.00	77.32 2.18 0.00	72.30 2.98 0.00	65.77 2.04 0.00	57.28 1.72 0.00	51.55 0.76 0.00	48.66 0.43 0.00
RUSSELL__2 23532	41.28 -0.46 0.00	38.95 -0.43 0.00	35.50 -0.36 0.00	33.10 -0.30 0.00	31.48 -0.38 0.00	34.89 -0.18 0.00	38.99 0.12 0.00	40.16 0.48 0.00	37.68 0.19 0.00	37.61 0.19 0.00	40.20 0.48 0.00	44.08 0.52 0.00	46.72 0.37 0.00	51.25 0.81 0.00	53.01 0.78 0.00	54.42 0.65 0.00	64.58 0.77 0.04	75.21 1.69 0.00	77.32 2.18 0.00	72.30 2.98 0.00	65.77 2.04 0.00	57.28 1.72 0.00	51.55 0.76 0.00	48.66 0.43 0.00
RUSSELL__3 23549	41.28 -0.46 0.00	38.95 -0.43 0.00	35.50 -0.36 0.00	33.10 -0.30 0.00	31.48 -0.38 0.00	34.89 -0.18 0.00	38.99 0.12 0.00	40.16 0.48 0.00	37.68 0.19 0.00	37.61 0.19 0.00	40.20 0.48 0.00	44.08 0.52 0.00	46.72 0.37 0.00	51.25 0.81 0.00	53.01 0.78 0.00	54.42 0.65 0.00	64.58 0.77 0.04	75.21 1.69 0.00	77.32 2.18 0.00	72.30 2.98 0.00	65.77 2.04 0.00	57.28 1.72 0.00	51.55 0.76 0.00	48.66 0.43 0.00
RUSSELL__4 23556	41.28 -0.46 0.00	38.95 -0.43 0.00	35.50 -0.36 0.00	33.10 -0.30 0.00	31.48 -0.38 0.00	34.89 -0.18 0.00	38.99 0.12 0.00	40.16 0.48 0.00	37.68 0.19 0.00	37.61 0.19 0.00	40.20 0.48 0.00	44.08 0.52 0.00	46.72 0.37 0.00	51.25 0.81 0.00	53.01 0.78 0.00	54.42 0.65 0.00	64.58 0.77 0.04	75.21 1.69 0.00	77.32 2.18 0.00	72.30 2.98 0.00	65.77 2.04 0.00	57.28 1.72 0.00	51.55 0.76 0.00	48.66 0.43 0.00
RUSSELL__STATION 23914	41.28 -0.46 0.00	38.95 -0.43 0.00	35.50 -0.36 0.00	33.10 -0.30 0.00	31.48 -0.38 0.00	34.89 -0.18 0.00	38.99 0.12 0.00	40.16 0.48 0.00	37.68 0.19 0.00	37.61 0.19 0.00	40.20 0.48 0.00	44.08 0.52 0.00	46.72 0.37 0.00	51.25 0.81 0.00	53.01 0.78 0.00	54.42 0.65 0.00	64.58 0.77 0.04	75.21 1.69 0.00	77.32 2.18 0.00	72.30 2.98 0.00	65.77 2.04 0.00	57.28 1.72 0.00	51.55 0.76 0.00	48.66 0.43 0.00

S SALMON___HYD 24043	42.32 0.58 0.00	39.93 0.55 0.00	36.40 0.54 0.00	34.03 0.63 0.00	32.50 0.64 0.00	35.98 0.91 0.00	39.88 1.01 0.00	40.47 0.79 0.00	37.91 0.41 0.00	37.68 0.26 0.00	39.84 0.12 0.00	43.55 0.00 0.00	46.30 -0.05 0.00	50.77 0.10 -0.23	52.39 0.16 0.00	54.20 0.43 0.00	64.47 0.57 -0.04	74.99 1.47 0.00	77.63 2.03 -0.46	71.75 2.43 0.00	66.02 2.29 0.00	58.42 2.28 -0.58	52.46 1.67 0.00	49.81 1.45 -0.14
S.PERRY___115KV_TB1 80734	42.16 0.42 0.00	39.81 0.43 0.00	36.22 0.36 0.00	33.80 0.40 0.00	32.11 0.25 0.00	35.74 0.67 0.00	39.92 1.05 0.00	40.71 1.03 0.00	37.91 0.41 0.00	37.53 0.11 0.00	40.00 0.28 0.00	43.86 0.30 0.00	46.53 0.19 0.00	51.09 0.66 0.00	53.01 0.78 0.00	54.58 0.81 0.00	65.04 1.21 0.03	76.24 2.72 0.00	79.05 3.91 0.00	74.52 5.20 0.00	68.00 4.27 0.00	59.06 3.50 0.00	52.97 2.18 0.00	49.91 1.69 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.07 -1.67 0.00	37.96 -1.42 0.00	34.53 -1.33 0.00	32.20 -1.20 0.00	30.62 -1.24 0.00	33.91 -1.16 0.00	38.02 -0.86 0.00	39.12 -0.56 0.00	36.56 -0.94 0.00	36.37 -1.05 0.00	38.97 -0.75 0.00	42.51 -1.05 0.00	45.14 -1.21 0.00	49.68 -0.76 0.00	51.39 -0.84 0.00	52.54 -1.24 0.00	62.35 -1.47 0.04	72.64 -0.88 0.00	74.84 -0.30 0.00	70.64 1.32 0.00	64.05 0.32 0.00	55.84 0.28 0.00	50.13 -0.66 0.00	47.40 -0.82 0.00
SAWYER___23_KV_LOAD 55526	40.07 -1.67 0.00	37.96 -1.42 0.00	34.53 -1.33 0.00	32.20 -1.20 0.00	30.62 -1.24 0.00	33.91 -1.16 0.00	38.02 -0.86 0.00	39.12 -0.56 0.00	36.56 -0.94 0.00	36.37 -1.05 0.00	38.97 -0.75 0.00	42.51 -1.05 0.00	45.14 -1.21 0.00	49.68 -0.76 0.00	51.39 -0.84 0.00	52.54 -1.24 0.00	62.35 -1.47 0.04	72.64 -0.88 0.00	74.84 -0.30 0.00	70.64 1.32 0.00	64.05 0.32 0.00	55.84 0.28 0.00	50.13 -0.66 0.00	47.40 -0.82 0.00
SELKIRK___I 23801	42.45 0.71 0.00	40.05 0.67 0.00	36.51 0.65 0.00	33.97 0.57 0.00	32.43 0.57 0.00	35.60 0.53 0.00	39.30 0.43 0.00	40.00 0.32 0.00	37.76 0.26 0.00	37.57 0.15 0.00	39.80 0.08 0.00	43.60 0.04 0.00	46.53 0.19 0.00	50.69 0.25 0.00	52.54 0.32 0.00	54.10 0.32 0.00	64.50 0.64 0.00	74.84 1.32 0.00	76.64 1.50 0.00	70.57 1.25 0.00	64.75 1.02 0.00	56.28 0.72 0.00	51.50 0.71 0.00	48.95 0.72 0.00
SELKIRK___II 23799	42.16 0.42 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.70 0.30 0.00	32.18 0.32 0.00	35.35 0.28 0.00	39.03 0.16 0.00	39.84 0.16 0.00	37.72 0.23 0.00	37.61 0.19 0.00	39.88 0.16 0.00	43.69 0.13 0.00	46.58 0.23 0.00	50.69 0.25 0.00	52.49 0.26 0.00	54.04 0.27 0.00	64.37 0.51 0.00	74.55 1.03 0.00	76.11 0.97 0.00	70.02 0.69 0.00	64.18 0.45 0.00	55.78 0.22 0.00	51.04 0.26 0.00	48.46 0.24 0.00
SENECA OSWGO___HYD 24041	40.82 -0.92 0.00	38.63 -0.75 0.00	35.18 -0.68 0.00	32.80 -0.60 0.00	31.29 -0.57 0.00	34.51 -0.56 0.00	38.33 -0.54 0.00	39.00 -0.67 0.00	36.78 -0.71 0.00	36.67 -0.75 0.00	38.93 -0.79 0.00	42.68 -0.87 0.00	45.37 -0.98 0.00	49.64 -1.01 -0.21	51.24 -0.99 0.00	52.91 -0.86 0.00	62.99 -0.89 -0.03	72.85 -0.66 0.00	74.89 -0.68 -0.42	68.91 -0.41 0.00	63.03 -0.70 0.00	55.44 -0.66 -0.54	49.97 -0.81 0.00	47.53 -0.82 -0.13
SENECA___115KV_TB3 355854	40.28 -1.46 0.00	38.12 -1.26 0.00	34.64 -1.22 0.00	32.33 -1.07 0.00	30.74 -1.12 0.00	34.05 -1.02 0.00	38.17 -0.70 0.00	39.32 -0.36 0.00	36.82 -0.67 0.00	36.60 -0.82 0.00	39.25 -0.47 0.00	42.86 -0.70 0.00	45.05 -1.30 0.00	49.68 -0.76 0.00	51.13 -1.10 0.00	52.59 -1.18 0.00	62.04 -1.79 0.03	72.85 -0.66 0.00	75.21 0.08 0.00	70.85 1.52 0.00	63.67 -0.06 0.00	55.56 0.00 0.00	50.18 -0.61 0.00	47.45 -0.77 0.00
SENECA___ENERGY 23797	41.24 -0.50 0.00	39.03 -0.36 0.00	35.47 -0.39 0.00	33.07 -0.33 0.00	31.51 -0.35 0.00	34.86 -0.21 0.00	38.83 -0.04 0.00	39.60 -0.08 0.00	37.27 -0.22 0.00	37.08 -0.34 0.00	39.49 -0.24 0.00	43.34 -0.22 0.00	45.93 -0.42 0.00	50.22 -0.30 -0.08	51.97 -0.26 0.00	53.67 -0.11 0.00	63.66 -0.19 0.01	73.96 0.44 0.00	76.06 0.75 -0.17	70.50 1.18 0.00	64.11 0.38 0.00	56.06 0.28 -0.22	50.74 -0.05 0.00	48.22 -0.05 -0.05
SHOEMAKER___GT 23640	43.12 1.38 0.00	40.52 1.14 0.00	36.83 0.97 0.00	34.24 0.84 0.00	32.62 0.76 0.00	35.77 0.70 0.00	39.77 0.89 0.00	40.83 1.15 0.00	38.84 1.35 0.00	38.77 1.35 0.00	41.32 1.59 0.00	45.47 1.91 0.00	48.48 2.13 0.00	52.61 2.17 0.00	54.42 2.19 0.00	55.82 2.04 0.00	66.60 2.74 0.00	77.34 3.82 0.00	78.67 3.53 0.00	72.23 2.91 0.00	65.51 1.78 0.00	56.73 1.17 0.00	52.16 1.37 0.00	49.72 1.50 0.00
SHOEMAKR_138KV_BK 111 55601	43.12 1.38 0.00	40.52 1.14 0.00	36.83 0.97 0.00	34.20 0.80 0.00	32.62 0.76 0.00	35.77 0.70 0.00	39.77 0.89 0.00	40.87 1.19 0.00	38.84 1.35 0.00	38.81 1.38 0.00	41.35 1.63 0.00	45.51 1.96 0.00	48.48 2.13 0.00	52.66 2.22 0.00	54.37 2.14 0.00	55.98 2.20 0.00	66.86 3.00 0.00	77.41 3.90 0.00	78.67 3.53 0.00	72.23 2.91 0.00	65.45 1.72 0.00	56.62 1.06 0.00	52.11 1.32 0.00	49.62 1.40 0.00
SHOREHAM_IC_1 23715	60.07 3.51 -14.82	55.91 2.91 -13.61	51.35 2.37 -13.13	48.99 2.07 -13.52	46.67 2.04 -12.77	49.99 1.96 -12.96	49.48 2.37 -8.24	53.21 2.98 -10.55	55.86 3.30 -15.07	59.59 3.56 -18.61	59.29 3.81 -15.75	62.32 4.40 -14.36	80.86 4.63 -29.87	164.52 4.28 -109.80	176.23 4.54 -119.46	282.42 4.20 -224.45	377.76 3.90 -310.01	500.96 5.74 -421.71	366.71 4.88 -286.69	429.76 4.02 -356.42	290.62 2.23 -224.66	176.88 2.50 -118.81	87.68 2.59 -34.30	61.03 3.18 -9.63
SHOREHAM_IC_2 23716	60.07 3.51 -14.82	55.91 2.91 -13.61	51.35 2.37 -13.13	48.99 2.07 -13.52	46.67 2.04 -12.77	49.99 1.96 -12.96	49.48 2.37 -8.24	53.21 2.98 -10.55	55.86 3.30 -15.07	59.59 3.56 -18.61	59.29 3.81 -15.75	62.32 4.40 -14.36	80.86 4.63 -29.87	164.52 4.28 -109.80	176.23 4.54 -119.46	282.42 4.20 -224.45	377.76 3.90 -310.01	500.96 5.74 -421.71	366.71 4.88 -286.69	429.76 4.02 -356.42	290.62 2.23 -224.66	176.88 2.50 -118.81	87.68 2.59 -34.30	61.03 3.18 -9.63
SISSONVILLE____ 23735	41.95 0.21 0.00	39.46 0.08 0.00	35.93 0.07 0.00	33.57 0.17 0.00	31.95 0.10 0.00	35.31 0.25 0.00	39.11 0.23 0.00	39.84 0.16 0.00	37.42 -0.07 0.00	37.31 -0.11 0.00	39.49 -0.24 0.00	43.29 -0.26 0.00	45.88 -0.46 0.00	49.80 -0.66 -0.02	51.08 -1.15 0.00	52.00 -1.77 0.00	61.56 -2.30 0.00	70.58 -2.94 0.00	72.48 -2.71 -0.04	67.03 -2.29 0.00	62.33 -1.40 0.00	55.17 -0.44 -0.06	50.58 -0.20 0.00	48.38 0.14 -0.01
SITHE_IND_GS1 24169	40.32 -1.42 0.00	38.20 -1.18 0.00	34.78 -1.07 0.00	32.43 -0.97 0.00	30.97 -0.89 0.00	34.09 -0.98 0.00	37.86 -1.01 0.00	38.49 -1.19 0.00	36.29 -1.20 0.00	36.22 -1.20 0.00	38.45 -1.27 0.00	42.12 -1.44 0.00	44.77 -1.58 0.00	48.19 -1.66 0.59	50.51 -1.72 0.00	52.16 -1.61 0.00	61.68 -1.91 0.26	71.61 -1.91 0.00	71.99 -1.95 1.19	67.73 -1.59 0.00	61.95 -1.78 0.00	52.43 -1.61 1.52	49.21 -1.57 0.00	46.32 -1.55 0.36

SITHE_IND_GS2 24170	40.32 -1.42 0.00	38.20 -1.18 0.00	34.78 -1.07 0.00	32.43 -0.97 0.00	30.97 -0.89 0.00	34.09 -0.98 0.00	37.86 -1.01 0.00	38.49 -1.19 0.00	36.29 -1.20 0.00	36.22 -1.20 0.00	38.45 -1.27 0.00	42.12 -1.44 0.00	44.77 -1.58 0.00	48.19 -1.66 0.59	50.51 -1.72 0.00	52.16 -1.61 0.00	61.68 -1.91 0.26	71.61 -1.91 0.00	71.99 -1.95 1.19	67.73 -1.59 0.00	61.95 -1.78 0.00	52.43 -1.61 1.52	49.21 -1.57 0.00	46.32 -1.55 0.36
SITHE_IND_GS3 24171	40.32 -1.42 0.00	38.20 -1.18 0.00	34.78 -1.07 0.00	32.43 -0.97 0.00	30.97 -0.89 0.00	34.09 -0.98 0.00	37.86 -1.01 0.00	38.49 -1.19 0.00	36.29 -1.20 0.00	36.22 -1.20 0.00	38.45 -1.27 0.00	42.12 -1.44 0.00	44.77 -1.58 0.00	48.19 -1.66 0.59	50.51 -1.72 0.00	52.16 -1.61 0.00	61.68 -1.91 0.26	71.61 -1.91 0.00	71.99 -1.95 1.19	67.73 -1.59 0.00	61.95 -1.78 0.00	52.43 -1.61 1.52	49.21 -1.57 0.00	46.32 -1.55 0.36
SITHE_IND_GS4 24172	40.32 -1.42 0.00	38.20 -1.18 0.00	34.78 -1.07 0.00	32.43 -0.97 0.00	30.97 -0.89 0.00	34.09 -0.98 0.00	37.86 -1.01 0.00	38.49 -1.19 0.00	36.29 -1.20 0.00	36.22 -1.20 0.00	38.45 -1.27 0.00	42.12 -1.44 0.00	44.77 -1.58 0.00	48.19 -1.66 0.59	50.51 -1.72 0.00	52.16 -1.61 0.00	61.68 -1.91 0.26	71.61 -1.91 0.00	71.99 -1.95 1.19	67.73 -1.59 0.00	61.95 -1.78 0.00	52.43 -1.61 1.52	49.21 -1.57 0.00	46.32 -1.55 0.36
SITHE___BATAVIA 24024	41.03 -0.71 0.00	38.71 -0.67 0.00	35.28 -0.58 0.00	32.93 -0.47 0.00	31.29 -0.57 0.00	34.75 -0.32 0.00	38.95 0.08 0.00	40.08 0.40 0.00	37.35 -0.15 0.00	37.12 -0.30 0.00	39.73 0.00 0.00	43.47 -0.09 0.00	45.56 -0.79 0.00	50.14 -0.30 0.00	51.50 -0.73 0.00	53.07 -0.70 0.00	63.18 -0.64 0.04	74.10 0.59 0.00	76.34 1.20 0.00	71.96 2.63 0.00	65.07 1.34 0.00	56.73 1.17 0.00	51.24 0.46 0.00	48.32 0.10 0.00
SITHE___INDEPEND 23800	40.32 -1.42 0.00	38.20 -1.18 0.00	34.78 -1.08 0.00	32.43 -0.97 0.00	30.97 -0.89 0.00	34.12 -0.95 0.00	37.86 -1.01 0.00	38.49 -1.19 0.00	36.29 -1.20 0.00	36.22 -1.20 0.00	38.45 -1.27 0.00	42.12 -1.44 0.00	44.82 -1.53 0.00	48.24 -1.61 0.59	50.61 -1.62 0.00	52.21 -1.56 0.00	61.74 -1.85 0.26	71.61 -1.91 0.00	72.07 -1.88 1.19	67.80 -1.53 0.00	62.07 -1.66 0.00	52.54 -1.50 1.52	49.26 -1.52 0.00	46.37 -1.49 0.36
SITHE___MASSENA 23902	42.07 0.33 0.00	39.62 0.24 0.00	36.08 0.22 0.00	33.67 0.27 0.00	32.05 0.19 0.00	35.38 0.31 0.00	39.18 0.31 0.00	39.96 0.28 0.00	37.61 0.11 0.00	37.61 0.19 0.00	39.84 0.12 0.00	43.73 0.17 0.00	46.35 0.00 0.00	50.39 -0.05 0.00	52.12 -0.10 0.00	53.56 -0.21 0.00	63.28 -0.58 0.00	72.27 -1.25 0.00	74.16 -0.98 0.00	68.49 -0.83 0.00	63.60 -0.13 0.00	55.95 0.39 0.00	51.15 0.36 0.00	48.61 0.38 0.00
SITHE___OGDNSBRG 24021	42.53 0.79 0.00	39.97 0.59 0.00	36.43 0.57 0.00	34.07 0.67 0.00	32.43 0.57 0.00	35.84 0.77 0.00	39.65 0.78 0.00	40.23 0.56 0.00	37.72 0.22 0.00	37.61 0.19 0.00	39.77 0.04 0.00	43.55 0.00 0.00	46.16 -0.19 0.00	50.14 -0.30 0.00	51.65 -0.57 0.00	52.70 -1.08 0.00	62.58 -1.28 0.00	71.75 -1.76 0.00	73.86 -1.28 0.00	68.63 -0.69 0.00	63.92 0.19 0.00	56.45 0.89 0.00	51.65 0.86 0.00	49.24 1.01 0.00
SITHE___STERLING 23777	42.49 0.75 0.00	40.05 0.67 0.00	36.51 0.65 0.00	34.07 0.67 0.00	32.50 0.64 0.00	35.88 0.81 0.00	39.77 0.89 0.00	40.51 0.83 0.00	38.09 0.60 0.00	37.94 0.52 0.00	40.20 0.48 0.00	44.03 0.48 0.00	46.91 0.56 0.00	51.23 0.76 -0.04	53.17 0.94 0.00	54.90 1.13 0.00	65.45 1.60 0.01	75.94 2.42 0.00	77.84 2.63 -0.07	71.96 2.63 0.00	65.96 2.23 0.00	57.49 1.83 -0.09	52.26 1.47 0.00	49.59 1.35 -0.02
SLEIGHT__34_KV_TB1 80719	42.12 0.38 0.00	39.85 0.47 0.00	36.22 0.36 0.00	33.80 0.40 0.00	32.18 0.32 0.00	35.70 0.63 0.00	39.73 0.86 0.00	40.47 0.79 0.00	38.06 0.56 0.00	37.91 0.49 0.00	40.40 0.68 0.00	44.34 0.78 0.00	47.09 0.74 0.00	51.56 1.06 -0.07	53.53 1.31 0.00	55.22 1.45 0.00	65.63 1.79 0.02	76.24 2.72 0.00	78.51 3.23 -0.14	72.72 3.40 0.00	66.47 2.74 0.00	57.96 2.22 -0.17	52.21 1.42 0.00	49.47 1.21 -0.04
SOUTH CAIRO___GT 23612	43.24 1.50 0.00	40.76 1.38 0.00	37.19 1.33 0.00	34.50 1.10 0.00	32.94 1.08 0.00	36.09 1.02 0.00	39.81 0.93 0.00	40.43 0.75 0.00	38.06 0.56 0.00	37.68 0.26 0.00	39.84 0.12 0.00	43.68 0.13 0.00	46.67 0.32 0.00	50.99 0.55 0.00	53.06 0.84 0.00	55.01 1.24 0.00	66.03 2.17 0.00	76.97 3.46 0.00	79.12 3.98 0.00	73.00 3.67 0.00	67.04 3.31 0.00	58.01 2.44 0.00	52.72 1.93 0.00	50.01 1.78 0.00
SOUTH HAMPTN___IC 23720	60.13 4.21 -14.18	55.99 3.58 -13.02	51.36 2.94 -12.56	48.94 2.61 -12.94	46.63 2.55 -12.22	50.03 2.56 -12.40	49.82 3.07 -7.88	53.50 3.73 -10.10	56.03 4.12 -14.42	59.68 4.45 -17.80	59.82 4.84 -15.25	62.88 5.53 -13.80	80.81 5.89 -28.58	161.07 5.60 -105.03	172.40 5.90 -114.27	274.08 5.59 -214.71	365.77 5.36 -296.55	483.98 7.06 -403.41	355.79 6.31 -274.33	415.47 5.20 -340.95	282.01 3.38 -214.91	172.72 3.50 -113.66	87.00 3.40 -32.81	61.33 3.90 -9.21
SOUTHDOW__115KV_TB1 355954	41.07 -0.67 0.00	38.67 -0.71 0.00	35.14 -0.72 0.00	32.77 -0.63 0.00	31.06 -0.80 0.00	34.47 -0.60 0.00	38.76 -0.12 0.00	40.00 0.32 0.00	37.64 0.15 0.00	37.42 0.00 0.00	40.08 0.36 0.00	43.68 0.13 0.00	46.39 0.05 0.00	51.20 0.76 0.00	52.96 0.73 0.00	54.31 0.54 0.00	64.53 0.70 0.03	75.72 2.21 0.00	78.45 3.31 0.00	73.90 4.58 0.00	66.98 3.25 0.00	58.06 2.50 0.00	51.80 1.02 0.00	48.90 0.68 0.00
SOUTHOLD_69_KV_BK 2 55809	60.73 4.80 -14.18	56.59 4.17 -13.03	51.90 3.48 -12.56	49.45 3.11 -12.94	47.11 3.03 -12.22	50.60 3.12 -12.41	50.49 3.73 -7.89	54.30 4.52 -10.10	56.79 4.87 -14.42	60.54 5.31 -17.81	60.78 5.80 -15.26	63.94 6.58 -13.81	81.79 6.86 -28.58	161.98 6.46 -105.09	173.66 7.10 -114.33	275.70 7.10 -214.83	366.83 6.26 -296.71	484.05 6.91 -403.62	355.93 6.31 -274.48	415.37 4.92 -341.13	283.08 4.33 -215.02	173.67 4.39 -113.72	87.63 4.01 -32.83	61.34 3.91 -9.21
SOUTHOLD___IC 23719	60.72 4.80 -14.18	56.58 4.17 -13.03	51.90 3.48 -12.56	49.45 3.11 -12.94	47.11 3.03 -12.22	50.60 3.12 -12.41	50.49 3.73 -7.89	54.26 4.48 -10.10	56.79 4.87 -14.42	60.55 5.31 -17.81	60.78 5.80 -15.26	63.94 6.58 -13.81	81.98 7.04 -28.59	162.29 6.76 -105.09	173.72 7.16 -114.34	275.48 6.88 -214.83	366.12 5.55 -296.71	483.98 6.84 -403.62	355.85 6.23 -274.48	415.37 4.92 -341.13	283.09 4.34 -215.02	173.61 4.34 -113.72	87.63 4.01 -32.83	61.78 4.34 -9.21
SOUTH_FORK_WT_PWR 323839	60.68 4.76 -14.18	56.58 4.17 -13.03	51.90 3.48 -12.56	49.45 3.11 -12.94	47.14 3.06 -12.22	50.66 3.19 -12.40	50.57 3.81 -7.88	54.38 4.60 -10.10	56.90 4.99 -14.42	60.65 5.42 -17.81	60.93 5.96 -15.25	64.11 6.75 -13.80	82.11 7.18 -28.58	162.35 6.86 -105.06	173.68 7.16 -114.30	275.36 6.83 -214.76	366.54 6.07 -296.62	484.14 7.13 -403.49	356.22 6.69 -274.39	415.61 5.27 -341.02	282.57 3.89 -214.95	173.19 3.95 -113.68	87.27 3.66 -32.82	61.43 4.00 -9.21

SPIERFLS_115KV_TB 1 80737	42.95 1.21 0.00	40.56 1.18 0.00	36.93 1.08 0.00	34.37 0.97 0.00	32.81 0.96 0.00	36.16 1.09 0.00	39.92 1.05 0.00	40.95 1.27 0.00	38.62 1.12 0.00	38.32 0.90 0.00	39.88 0.16 0.00	43.60 0.04 0.00	46.58 0.23 0.00	50.74 0.30 0.00	52.91 0.68 0.00	55.01 1.24 0.00	65.01 1.15 0.00	75.50 1.98 0.00	78.30 3.16 0.00	72.16 2.84 0.00	66.85 3.12 0.00	57.89 2.33 0.00	52.77 1.98 0.00	50.01 1.78 0.00
ST LAWRENCE____ 23600	41.74 0.00 0.00	39.34 -0.04 0.00	35.82 -0.04 0.00	33.40 0.00 0.00	31.80 -0.06 0.00	35.07 0.00 0.00	38.83 -0.04 0.00	39.60 -0.08 0.00	37.38 -0.11 0.00	37.35 -0.07 0.00	39.65 -0.08 0.00	43.47 -0.09 0.00	46.16 -0.18 0.00	50.19 -0.25 0.00	51.97 -0.26 0.00	53.40 -0.37 0.00	63.22 -0.64 0.00	72.20 -1.32 0.00	73.93 -1.21 0.00	68.28 -1.04 0.00	63.29 -0.44 0.00	55.51 -0.06 0.00	50.74 -0.05 0.00	48.17 -0.05 0.00
STATE_CA_115KV_115_LB 55624	42.24 0.50 0.00	39.85 0.47 0.00	36.33 0.47 0.00	33.80 0.40 0.00	32.27 0.41 0.00	35.46 0.39 0.00	39.11 0.23 0.00	39.92 0.24 0.00	37.76 0.26 0.00	37.65 0.22 0.00	39.88 0.16 0.00	43.60 0.04 0.00	46.53 0.19 0.00	50.69 0.25 0.00	52.59 0.37 0.00	54.36 0.59 0.00	64.75 0.89 0.00	74.84 1.32 0.00	76.49 1.35 0.00	70.29 0.97 0.00	64.49 0.76 0.00	56.01 0.44 0.00	51.25 0.46 0.00	48.56 0.34 0.00
STATE_ST_34_KV_LOAD 55959	41.61 -0.13 0.00	39.38 0.00 0.00	35.79 -0.07 0.00	33.37 -0.03 0.00	31.80 -0.06 0.00	35.17 0.11 0.00	39.07 0.19 0.00	39.76 0.08 0.00	37.46 -0.04 0.00	37.31 -0.11 0.00	39.69 -0.04 0.00	43.51 -0.04 0.00	46.30 -0.05 0.00	50.64 0.10 -0.10	52.44 0.21 0.00	54.20 0.43 0.00	64.37 0.51 0.00	74.62 1.10 0.00	76.85 1.50 -0.20	71.06 1.73 0.00	65.00 1.27 0.00	56.76 0.94 -0.26	51.25 0.46 0.00	48.62 0.34 -0.06
STATION 5_MISC_HYD 23604	41.07 -0.67 0.00	38.79 -0.59 0.00	35.32 -0.54 0.00	32.93 -0.47 0.00	31.35 -0.51 0.00	34.72 -0.35 0.00	38.80 -0.08 0.00	39.96 0.28 0.00	37.49 0.00 0.00	37.42 0.00 0.00	39.97 0.24 0.00	43.82 0.26 0.00	46.16 -0.18 0.00	50.64 0.20 0.00	52.23 0.00 0.00	53.83 0.05 0.00	64.14 0.32 0.04	74.62 1.10 0.00	76.42 1.28 0.00	71.40 2.08 0.00	64.56 0.83 0.00	56.34 0.78 0.00	50.99 0.20 0.00	48.17 -0.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.11 -0.63 0.00	38.83 -0.55 0.00	35.36 -0.50 0.00	32.97 -0.43 0.00	31.38 -0.48 0.00	34.79 -0.28 0.00	38.80 -0.08 0.00	39.72 0.04 0.00	37.34 -0.15 0.00	37.23 -0.19 0.00	39.73 0.00 0.00	43.55 0.00 0.00	46.21 -0.14 0.00	50.61 0.15 -0.02	52.39 0.16 0.00	53.88 0.11 0.00	63.95 0.13 0.03	74.33 0.81 0.00	76.38 1.20 -0.04	71.19 1.87 0.00	64.88 1.15 0.00	56.50 0.89 -0.05	50.99 0.20 0.00	48.23 0.00 -0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.78 -0.96 0.00	38.51 -0.87 0.00	35.11 -0.75 0.00	32.73 -0.67 0.00	31.16 -0.70 0.00	34.51 -0.56 0.00	38.56 -0.31 0.00	39.60 -0.08 0.00	37.16 -0.34 0.00	37.08 -0.34 0.00	39.61 -0.12 0.00	43.42 -0.13 0.00	46.02 -0.32 0.00	50.44 0.00 0.00	52.23 0.00 0.00	53.61 -0.16 0.00	63.63 -0.19 0.04	74.03 0.51 0.00	76.04 0.90 0.00	71.06 1.73 0.00	64.69 0.96 0.00	56.28 0.72 0.00	50.74 -0.05 0.00	47.93 -0.29 0.00
STA_56____34_KV_BUS2 355983	40.78 -0.96 0.00	38.51 -0.87 0.00	35.11 -0.75 0.00	32.73 -0.67 0.00	31.16 -0.70 0.00	34.51 -0.56 0.00	38.56 -0.31 0.00	39.60 -0.08 0.00	37.16 -0.34 0.00	37.08 -0.34 0.00	39.61 -0.12 0.00	43.42 -0.13 0.00	46.02 -0.32 0.00	50.44 0.00 0.00	52.23 0.00 0.00	53.61 -0.16 0.00	63.63 -0.19 0.04	74.03 0.51 0.00	76.04 0.90 0.00	71.06 1.73 0.00	64.69 0.96 0.00	56.28 0.72 0.00	50.74 -0.05 0.00	47.93 -0.29 0.00
STA_67____115KV_BK2 355882	40.99 -0.75 0.00	38.71 -0.67 0.00	35.25 -0.61 0.00	32.90 -0.50 0.00	31.29 -0.57 0.00	34.68 -0.39 0.00	38.72 -0.16 0.00	39.88 0.20 0.00	37.42 -0.07 0.00	37.31 -0.11 0.00	39.88 0.16 0.00	43.68 0.13 0.00	46.30 -0.05 0.00	50.79 0.35 0.00	52.54 0.31 0.00	53.93 0.16 0.00	64.07 0.26 0.04	74.55 1.03 0.00	76.57 1.43 0.00	71.68 2.36 0.00	65.26 1.53 0.00	56.78 1.22 0.00	51.14 0.36 0.00	48.32 0.10 0.00
STA_7____115KV_9TRANS 80674	41.28 -0.46 0.00	38.95 -0.43 0.00	35.50 -0.36 0.00	33.10 -0.30 0.00	31.48 -0.38 0.00	34.89 -0.18 0.00	38.99 0.12 0.00	40.16 0.48 0.00	37.68 0.19 0.00	37.61 0.19 0.00	40.20 0.48 0.00	44.08 0.52 0.00	46.72 0.37 0.00	51.25 0.81 0.00	53.01 0.78 0.00	54.42 0.65 0.00	64.58 0.77 0.04	75.21 1.69 0.00	77.32 2.18 0.00	72.30 2.98 0.00	65.77 2.04 0.00	57.28 1.72 0.00	51.55 0.76 0.00	48.66 0.43 0.00
STA_82____115KV_TB1 80780	40.95 -0.79 0.00	38.67 -0.71 0.00	35.21 -0.65 0.00	32.87 -0.53 0.00	31.25 -0.61 0.00	34.65 -0.42 0.00	38.68 -0.19 0.00	39.76 0.08 0.00	37.31 -0.19 0.00	37.20 -0.22 0.00	39.77 0.04 0.00	43.55 0.00 0.00	46.16 -0.19 0.00	50.59 0.15 0.00	52.39 0.16 0.00	53.77 0.00 0.00	63.82 0.00 0.04	74.25 0.74 0.00	76.27 1.13 0.00	71.40 2.08 0.00	65.00 1.27 0.00	56.56 1.00 0.00	50.99 0.20 0.00	48.17 -0.05 0.00
STEEL____WIND 323596	40.24 -1.50 0.00	38.08 -1.30 0.00	34.60 -1.26 0.00	32.30 -1.10 0.00	30.71 -1.15 0.00	34.02 -1.05 0.00	38.13 -0.74 0.00	39.28 -0.40 0.00	36.74 -0.75 0.00	36.56 -0.86 0.00	39.17 -0.56 0.00	42.77 -0.78 0.00	45.00 -1.35 0.00	49.58 -0.86 0.00	51.03 -1.20 0.00	52.54 -1.23 0.00	61.97 -1.85 0.03	72.78 -0.74 0.00	75.14 0.00 0.00	70.78 1.46 0.00	63.60 -0.13 0.00	55.51 -0.06 0.00	50.13 -0.66 0.00	47.40 -0.82 0.00
STEPHTWN_115KV_BK_2 55603	42.37 0.63 0.00	39.97 0.59 0.00	36.43 0.57 0.00	33.90 0.50 0.00	32.37 0.51 0.00	35.60 0.53 0.00	39.26 0.39 0.00	40.04 0.36 0.00	37.87 0.37 0.00	37.76 0.34 0.00	39.96 0.24 0.00	43.73 0.17 0.00	46.63 0.28 0.00	50.84 0.40 0.00	52.75 0.52 0.00	54.53 0.75 0.00	65.01 1.15 0.00	75.28 1.76 0.00	76.94 1.80 0.00	70.71 1.39 0.00	64.88 1.15 0.00	56.34 0.78 0.00	51.50 0.71 0.00	48.80 0.58 0.00
STEUBEN_REC_LFGE 323667	41.45 -0.29 0.00	39.18 -0.20 0.00	35.54 -0.32 0.00	33.13 -0.27 0.00	31.48 -0.38 0.00	34.93 -0.14 0.00	39.03 0.16 0.00	39.92 0.24 0.00	37.31 -0.19 0.00	36.97 -0.45 0.00	39.49 -0.24 0.00	43.16 -0.39 0.00	45.70 -0.65 0.00	50.26 -0.20 -0.03	52.12 -0.10 0.00	53.66 -0.11 0.00	63.77 -0.06 0.02	74.69 1.18 0.00	77.45 2.25 -0.06	72.86 3.54 0.00	66.41 2.68 0.00	57.86 2.22 -0.07	51.80 1.02 0.00	49.11 0.87 -0.02
STILLWATER____SOLAR 323814	43.16 1.42 0.00	40.72 1.34 0.00	37.11 1.25 0.00	34.54 1.14 0.00	32.94 1.08 0.00	36.26 1.19 0.00	40.04 1.17 0.00	41.38 1.71 0.00	38.92 1.42 0.00	38.62 1.20 0.00	40.44 0.72 0.00	44.12 0.56 0.00	47.14 0.79 0.00	51.65 1.21 0.00	53.69 1.46 0.00	55.76 1.99 0.00	65.52 1.66 0.00	76.09 2.57 0.00	78.29 3.16 0.00	72.17 2.84 0.00	66.53 2.80 0.00	57.79 2.22 0.00	52.72 1.93 0.00	49.96 1.73 0.00

STONY___BROOK 24151	63.75 3.67 -18.33	59.25 3.03 -16.84	54.57 2.47 -16.24	52.27 2.14 -16.73	49.73 2.07 -15.80	53.10 2.00 -16.03	51.51 2.45 -10.19	55.79 3.06 -13.05	59.58 3.45 -18.64	64.22 3.78 -23.02	62.14 3.93 -18.48	65.49 4.49 -17.45	87.88 4.59 -36.95	190.48 4.24 -135.81	204.37 4.39 -147.75	335.37 3.98 -277.62	451.25 3.96 -383.43	600.92 5.81 -521.60	434.19 4.81 -354.24	513.84 3.67 -440.84	343.45 1.85 -277.87	204.80 2.28 -146.96	95.70 2.49 -42.43	63.55 3.42 -11.91
STURGEON_POOL_HYD 23609	43.49 1.75 0.00	40.84 1.46 0.00	37.08 1.22 0.00	34.44 1.04 0.00	32.85 0.99 0.00	35.95 0.88 0.00	39.96 1.09 0.00	41.07 1.39 0.00	39.07 1.57 0.00	38.99 1.57 0.00	41.59 1.87 0.00	45.91 2.35 0.00	48.90 2.55 0.00	53.06 2.62 0.00	54.79 2.56 0.00	56.46 2.69 0.00	67.56 3.70 0.00	78.30 4.78 0.00	79.35 4.21 0.00	72.79 3.47 0.00	65.90 2.17 0.00	56.95 1.39 0.00	52.46 1.68 0.00	50.01 1.78 0.00
ST_LAW_115_BK7_LBMP 345037	41.70 -0.04 0.00	39.30 -0.08 0.00	35.79 -0.07 0.00	33.37 -0.03 0.00	31.80 -0.06 0.00	35.03 -0.04 0.00	38.83 -0.04 0.00	39.60 -0.08 0.00	37.35 -0.15 0.00	37.35 -0.07 0.00	39.61 -0.12 0.00	43.42 -0.13 0.00	46.12 -0.23 0.00	50.09 -0.35 0.00	51.87 -0.36 0.00	53.34 -0.43 0.00	63.03 -0.83 0.00	71.97 -1.55 0.00	73.71 -1.43 0.00	68.00 -1.32 0.00	63.16 -0.57 0.00	55.45 -0.11 0.00	50.69 -0.10 0.00	48.17 -0.05 0.00
ST_LAW_115_BK8_LBMP 345038	41.70 -0.04 0.00	39.30 -0.08 0.00	35.79 -0.07 0.00	33.37 -0.03 0.00	31.80 -0.06 0.00	35.03 -0.04 0.00	38.83 -0.04 0.00	39.60 -0.08 0.00	37.35 -0.15 0.00	37.35 -0.07 0.00	39.61 -0.12 0.00	43.42 -0.13 0.00	46.12 -0.23 0.00	50.09 -0.35 0.00	51.87 -0.36 0.00	53.34 -0.43 0.00	63.03 -0.83 0.00	71.97 -1.55 0.00	73.71 -1.43 0.00	68.00 -1.32 0.00	63.16 -0.57 0.00	55.45 -0.11 0.00	50.69 -0.10 0.00	48.17 -0.05 0.00
ST_LAW_230_BK5_LBMP 345035	41.74 0.00 0.00	39.34 -0.04 0.00	35.82 -0.04 0.00	33.40 0.00 0.00	31.80 -0.06 0.00	35.07 0.00 0.00	38.83 -0.04 0.00	39.60 -0.08 0.00	37.38 -0.11 0.00	37.35 -0.07 0.00	39.65 -0.08 0.00	43.47 -0.09 0.00	46.16 -0.18 0.00	50.19 -0.25 0.00	51.97 -0.26 0.00	53.40 -0.37 0.00	63.22 -0.64 0.00	72.20 -1.32 0.00	73.93 -1.21 0.00	68.28 -1.04 0.00	63.29 -0.44 0.00	55.51 -0.06 0.00	50.74 -0.05 0.00	48.17 -0.05 0.00
ST_LAW_230_BK6_LBMP 345036	41.74 0.00 0.00	39.34 -0.04 0.00	35.82 -0.04 0.00	33.40 0.00 0.00	31.80 -0.06 0.00	35.07 0.00 0.00	38.83 -0.04 0.00	39.60 -0.08 0.00	37.38 -0.11 0.00	37.35 -0.07 0.00	39.65 -0.08 0.00	43.47 -0.09 0.00	46.16 -0.18 0.00	50.19 -0.25 0.00	51.97 -0.26 0.00	53.40 -0.37 0.00	63.22 -0.64 0.00	72.20 -1.32 0.00	73.93 -1.21 0.00	68.28 -1.04 0.00	63.29 -0.44 0.00	55.51 -0.06 0.00	50.74 -0.05 0.00	48.17 -0.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.28 1.54 0.00	40.68 1.30 0.00	36.93 1.08 0.00	34.33 0.94 0.00	32.75 0.89 0.00	35.88 0.81 0.00	39.92 1.05 0.00	41.07 1.39 0.00	39.07 1.57 0.00	39.07 1.65 0.00	41.63 1.91 0.00	45.86 2.31 0.00	48.85 2.50 0.00	53.06 2.62 0.00	54.79 2.56 0.00	56.35 2.58 0.00	67.31 3.45 0.00	78.00 4.48 0.00	79.12 3.98 0.00	72.58 3.26 0.00	65.64 1.91 0.00	56.67 1.11 0.00	52.31 1.52 0.00	49.81 1.59 0.00
SWANROAD_115KV_TB1 355699	38.65 -3.09 0.00	36.62 -2.76 0.00	33.28 -2.58 0.00	31.06 -2.34 0.00	29.53 -2.33 0.00	32.72 -2.35 0.00	36.70 -2.18 0.00	37.77 -1.90 0.00	35.28 -2.21 0.00	35.06 -2.36 0.00	37.58 -2.15 0.00	41.03 -2.53 0.00	43.52 -2.83 0.00	47.87 -2.57 0.00	49.51 -2.72 0.00	50.60 -3.17 0.00	60.05 -3.77 0.04	69.99 -3.53 0.00	72.28 -2.86 0.00	68.21 -1.11 0.00	62.46 -1.27 0.00	54.51 -1.06 0.00	48.96 -1.83 0.00	46.29 -1.93 0.00
SYNERGY___BIOGAS 323694	41.03 -0.71 0.00	38.71 -0.67 0.00	35.29 -0.57 0.00	32.93 -0.47 0.00	31.29 -0.57 0.00	34.75 -0.32 0.00	38.95 0.08 0.00	40.08 0.40 0.00	37.34 -0.15 0.00	37.12 -0.30 0.00	39.73 0.00 0.00	43.47 -0.09 0.00	46.07 -0.28 0.00	50.64 0.20 0.00	52.33 0.10 0.00	53.61 -0.16 0.00	63.76 -0.06 0.04	74.62 1.10 0.00	77.17 2.03 0.00	72.72 3.40 0.00	66.34 2.61 0.00	57.73 2.17 0.00	51.75 0.96 0.00	48.75 0.53 0.00
SYRACUSE___ENERGY_ST1 323597	41.28 -0.46 0.00	39.07 -0.32 0.00	35.54 -0.32 0.00	33.13 -0.27 0.00	31.60 -0.25 0.00	34.89 -0.18 0.00	38.72 -0.16 0.00	39.40 -0.28 0.00	37.19 -0.30 0.00	37.08 -0.34 0.00	39.41 -0.32 0.00	43.21 -0.35 0.00	45.98 -0.37 0.00	50.25 -0.30 -0.11	52.02 -0.21 0.00	53.72 -0.05 0.00	63.86 0.00 0.00	73.81 0.29 0.00	75.82 0.45 -0.23	69.95 0.62 0.00	63.98 0.25 0.00	55.96 0.11 -0.29	50.58 -0.20 0.00	48.05 -0.24 -0.07
SYRACUSE___ENERGY_ST2 323598	41.28 -0.46 0.00	39.07 -0.32 0.00	35.54 -0.32 0.00	33.13 -0.27 0.00	31.60 -0.25 0.00	34.89 -0.18 0.00	38.72 -0.16 0.00	39.40 -0.28 0.00	37.19 -0.30 0.00	37.08 -0.34 0.00	39.41 -0.32 0.00	43.21 -0.35 0.00	45.98 -0.37 0.00	50.25 -0.30 -0.11	52.02 -0.21 0.00	53.72 -0.05 0.00	63.86 0.00 0.00	73.81 0.29 0.00	75.82 0.45 -0.23	69.95 0.62 0.00	63.98 0.25 0.00	55.96 0.11 -0.29	50.58 -0.20 0.00	48.05 -0.24 -0.07
SYRACUSE___POWER 24017	41.20 -0.54 0.00	38.99 -0.39 0.00	35.46 -0.39 0.00	33.03 -0.37 0.00	31.54 -0.32 0.00	34.79 -0.28 0.00	38.64 -0.23 0.00	39.36 -0.32 0.00	37.12 -0.37 0.00	37.05 -0.37 0.00	39.37 -0.36 0.00	43.16 -0.39 0.00	45.93 -0.42 0.00	50.21 -0.30 -0.07	52.02 -0.21 0.00	53.66 -0.11 0.00	63.78 -0.06 0.01	73.81 0.29 0.00	75.66 0.38 -0.15	69.88 0.55 0.00	63.92 0.19 0.00	55.80 0.06 -0.19	50.53 -0.25 0.00	47.98 -0.29 -0.04
TALLMAN__138KV_BK151 55660	43.53 1.79 0.00	40.88 1.50 0.00	37.11 1.26 0.00	34.47 1.07 0.00	32.88 1.02 0.00	36.02 0.95 0.00	40.12 1.24 0.00	41.35 1.67 0.00	39.41 1.91 0.00	39.37 1.95 0.00	42.03 2.30 0.00	46.34 2.79 0.00	49.31 2.97 0.00	53.57 3.13 0.00	55.21 2.98 0.00	56.78 3.01 0.00	67.82 3.96 0.00	78.52 5.00 0.00	79.65 4.51 0.00	72.93 3.60 0.00	65.83 2.10 0.00	56.78 1.22 0.00	52.46 1.68 0.00	50.01 1.78 0.00
TEALLAVE_115KV_TB7 355573	41.07 -0.67 0.00	38.87 -0.51 0.00	35.36 -0.50 0.00	32.97 -0.43 0.00	31.45 -0.41 0.00	34.68 -0.39 0.00	38.52 -0.35 0.00	39.24 -0.44 0.00	37.04 -0.45 0.00	36.97 -0.45 0.00	39.29 -0.44 0.00	43.08 -0.48 0.00	45.84 -0.51 0.00	50.04 -0.45 -0.06	51.86 -0.37 0.00	53.56 -0.22 0.00	63.59 -0.26 0.02	73.52 0.00 0.00	75.33 0.08 -0.12	69.60 0.28 0.00	63.67 -0.06 0.00	55.55 -0.17 -0.15	50.33 -0.46 0.00	47.78 -0.48 -0.04
TELGRAPH_34_KV_EAST 80808	40.03 -1.71 0.00	37.84 -1.54 0.00	34.42 -1.43 0.00	32.13 -1.27 0.00	30.52 -1.34 0.00	33.88 -1.19 0.00	37.98 -0.89 0.00	39.08 -0.60 0.00	36.48 -1.01 0.00	36.30 -1.12 0.00	38.85 -0.87 0.00	42.47 -1.09 0.00	45.00 -1.34 0.00	49.53 -0.91 0.00	51.24 -0.99 0.00	52.37 -1.40 0.00	62.22 -1.60 0.04	72.64 -0.88 0.00	74.99 -0.15 0.00	70.71 1.39 0.00	64.56 0.83 0.00	56.23 0.67 0.00	50.43 -0.36 0.00	47.64 -0.58 0.00

TEMPLE___115KV_TB 2 55572	41.07 -0.67 0.00	38.87 -0.51 0.00	35.36 -0.50 0.00	32.97 -0.43 0.00	31.45 -0.41 0.00	34.72 -0.35 0.00	38.56 -0.31 0.00	39.24 -0.44 0.00	37.04 -0.45 0.00	36.97 -0.45 0.00	39.33 -0.40 0.00	43.12 -0.44 0.00	45.88 -0.46 0.00	50.09 -0.40 -0.06	51.92 -0.31 0.00	53.56 -0.22 0.00	63.65 -0.19 0.02	73.59 0.07 0.00	75.41 0.15 -0.12	69.67 0.35 0.00	63.73 0.00 0.00	55.54 -0.17 -0.15	50.38 -0.41 0.00	47.78 -0.48 -0.04
TIANA___69_KV_BK 1 55817	59.97 4.05 -14.18	55.84 3.43 -13.03	51.22 2.80 -12.56	48.81 2.47 -12.94	46.50 2.42 -12.22	49.86 2.38 -12.41	49.63 2.88 -7.88	53.35 3.57 -10.10	55.82 3.90 -14.42	59.45 4.23 -17.80	59.55 4.57 -15.25	62.58 5.23 -13.80	80.31 5.38 -28.58	160.41 4.89 -105.08	172.09 5.54 -114.32	274.07 5.48 -214.81	366.36 5.81 -296.69	484.10 6.98 -403.59	355.84 6.24 -274.46	415.49 5.06 -341.11	281.92 3.19 -215.01	172.66 3.39 -113.71	86.87 3.25 -32.83	60.76 3.33 -9.21
TILDEN___115KV_TB1 80814	41.20 -0.54 0.00	38.99 -0.39 0.00	35.46 -0.39 0.00	33.03 -0.37 0.00	31.54 -0.32 0.00	34.79 -0.28 0.00	38.64 -0.23 0.00	39.36 -0.32 0.00	37.12 -0.37 0.00	37.05 -0.37 0.00	39.37 -0.36 0.00	43.16 -0.39 0.00	45.93 -0.42 0.00	50.21 -0.30 -0.07	52.02 -0.21 0.00	53.66 -0.11 0.00	63.78 -0.06 0.01	73.81 0.29 0.00	75.66 0.38 -0.15	69.88 0.55 0.00	63.92 0.19 0.00	55.80 0.06 -0.19	50.53 -0.25 0.00	47.98 -0.29 -0.04
TRIGEN___CC 323695	44.54 2.80 0.00	41.63 2.24 0.00	37.65 1.79 0.00	34.94 1.54 0.00	33.32 1.47 0.00	36.44 1.37 0.00	40.66 1.79 0.00	42.02 2.34 0.00	40.19 2.70 0.00	40.34 2.92 0.00	47.17 3.22 -4.23	48.67 3.79 -1.32	50.38 4.03 0.00	54.22 3.78 0.00	56.20 3.97 0.00	57.66 3.87 -0.02	68.60 4.73 -0.02	79.56 6.03 -0.01	80.47 5.33 0.00	73.34 4.02 0.00	65.96 2.23 0.00	57.67 2.11 0.00	53.12 2.34 0.00	50.73 2.51 0.00
TRINITY___115KV___ 4 BK 55933	42.07 0.33 0.00	39.73 0.35 0.00	36.22 0.36 0.00	33.70 0.30 0.00	32.18 0.32 0.00	35.35 0.28 0.00	38.99 0.12 0.00	39.80 0.12 0.00	37.68 0.19 0.00	37.57 0.15 0.00	39.77 0.04 0.00	43.47 -0.09 0.00	46.35 0.00 0.00	50.49 0.05 0.00	52.39 0.16 0.00	54.10 0.32 0.00	64.43 0.57 0.00	74.47 0.96 0.00	76.12 0.98 0.00	69.95 0.62 0.00	64.18 0.45 0.00	55.78 0.22 0.00	50.99 0.20 0.00	48.37 0.14 0.00
UNION___PROCESSING_DRP 323587	40.95 -0.79 0.00	38.67 -0.71 0.00	35.21 -0.65 0.00	32.87 -0.53 0.00	31.25 -0.61 0.00	34.65 -0.42 0.00	38.72 -0.16 0.00	39.76 0.08 0.00	37.31 -0.19 0.00	37.20 -0.22 0.00	39.77 0.04 0.00	43.55 0.00 0.00	46.16 -0.19 0.00	50.64 0.20 0.00	52.39 0.16 0.00	53.77 0.00 0.00	63.82 0.00 0.04	74.25 0.74 0.00	76.34 1.20 0.00	71.40 2.08 0.00	65.00 1.27 0.00	56.62 1.06 0.00	50.99 0.20 0.00	48.17 -0.05 0.00
UPPER HUDSON___HYD 24058	42.95 1.21 0.00	40.56 1.18 0.00	36.93 1.07 0.00	34.37 0.97 0.00	32.81 0.95 0.00	36.16 1.09 0.00	39.92 1.05 0.00	40.99 1.31 0.00	38.62 1.12 0.00	38.32 0.90 0.00	39.88 0.16 0.00	43.60 0.04 0.00	46.58 0.23 0.00	50.94 0.50 0.00	52.96 0.73 0.00	54.95 1.18 0.00	64.88 1.02 0.00	75.43 1.91 0.00	78.29 3.16 0.00	72.17 2.84 0.00	66.85 3.12 0.00	57.89 2.33 0.00	52.77 1.98 0.00	50.01 1.79 0.00
UPPER RAQUET___HYD 24056	41.95 0.21 0.00	39.46 0.08 0.00	35.93 0.07 0.00	33.57 0.17 0.00	31.96 0.10 0.00	35.32 0.25 0.00	39.11 0.23 0.00	39.80 0.12 0.00	37.42 -0.07 0.00	37.31 -0.11 0.00	39.49 -0.24 0.00	43.29 -0.26 0.00	45.88 -0.46 0.00	49.80 -0.66 -0.02	51.18 -1.04 0.00	52.43 -1.34 0.00	61.81 -2.05 0.00	70.72 -2.79 0.00	72.71 -2.48 -0.04	67.24 -2.08 0.00	62.58 -1.15 0.00	55.34 -0.28 -0.06	50.64 -0.15 0.00	48.38 0.15 -0.01
VALLEY44_115KV_TB2 355964	40.11 -1.63 0.00	37.92 -1.46 0.00	34.46 -1.40 0.00	32.16 -1.24 0.00	30.55 -1.31 0.00	33.88 -1.19 0.00	37.94 -0.93 0.00	39.04 -0.63 0.00	36.67 -0.82 0.00	36.41 -1.01 0.00	39.09 -0.64 0.00	42.68 -0.87 0.00	45.33 -1.02 0.00	50.09 -0.35 0.00	51.92 -0.31 0.00	53.29 -0.48 0.00	63.06 -0.77 0.03	74.03 0.51 0.00	76.49 1.35 0.00	71.89 2.56 0.00	65.07 1.34 0.00	56.34 0.78 0.00	50.28 -0.51 0.00	47.55 -0.68 0.00
VALLEY___115KV_TB 1-4 80826	42.12 0.38 0.00	39.73 0.35 0.00	36.18 0.32 0.00	33.73 0.33 0.00	32.21 0.35 0.00	35.46 0.39 0.00	39.30 0.43 0.00	40.12 0.44 0.00	37.83 0.34 0.00	37.76 0.34 0.00	40.04 0.32 0.00	43.86 0.30 0.00	46.72 0.37 0.00	50.84 0.40 0.00	52.65 0.42 0.00	54.20 0.43 0.00	64.43 0.57 0.00	74.33 0.81 0.00	75.97 0.83 0.00	70.08 0.76 0.00	64.30 0.57 0.00	56.06 0.50 0.00	51.25 0.46 0.00	48.66 0.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.74 1.00 0.00	40.25 0.87 0.00	36.65 0.79 0.00	34.17 0.77 0.00	32.59 0.73 0.00	35.91 0.84 0.00	39.85 0.97 0.00	40.87 1.19 0.00	38.54 1.05 0.00	38.47 1.05 0.00	40.88 1.15 0.00	44.82 1.26 0.00	47.74 1.39 0.00	52.17 1.71 -0.02	54.06 1.83 0.00	55.76 1.99 0.00	66.34 2.49 0.01	76.90 3.38 0.00	78.56 3.38 -0.04	72.37 3.05 0.00	66.09 2.36 0.00	57.45 1.83 -0.05	52.41 1.63 0.00	49.73 1.49 -0.01
VISCHER___FERRY HYD 24020	42.82 1.08 0.00	40.40 1.02 0.00	36.83 0.97 0.00	34.27 0.87 0.00	32.72 0.86 0.00	35.98 0.91 0.00	39.65 0.78 0.00	41.38 1.71 0.00	39.00 1.50 0.00	38.77 1.35 0.00	40.56 0.84 0.00	44.16 0.61 0.00	47.14 0.79 0.00	51.65 1.21 0.00	53.74 1.52 0.00	55.93 2.15 0.00	65.26 1.40 0.00	75.57 2.06 0.00	77.39 2.25 0.00	71.19 1.87 0.00	65.51 1.78 0.00	57.00 1.44 0.00	52.00 1.22 0.00	49.28 1.06 0.00
V_A_10_SYNC_DSASP 323832	40.15 -1.59 0.00	38.04 -1.34 0.00	34.60 -1.26 0.00	32.26 -1.14 0.00	30.71 -1.15 0.00	33.98 -1.09 0.00	38.06 -0.82 0.00	39.08 -0.60 0.00	36.52 -0.97 0.00	36.37 -1.05 0.00	38.93 -0.79 0.00	42.51 -1.05 0.00	45.10 -1.25 0.00	49.53 -0.91 0.00	51.29 -0.94 0.00	52.48 -1.29 0.00	62.28 -1.53 0.04	72.34 -1.18 0.00	74.39 -0.75 0.00	70.08 0.76 0.00	63.60 -0.13 0.00	55.45 -0.11 0.00	49.92 -0.86 0.00	47.26 -0.96 0.00
V_CMM_10_SYNC_DSASP 323787	41.91 0.17 0.00	39.46 0.08 0.00	35.93 0.07 0.00	33.53 0.13 0.00	31.92 0.06 0.00	35.21 0.14 0.00	39.03 0.16 0.00	39.76 0.08 0.00	37.49 0.00 0.00	37.50 0.07 0.00	39.77 0.04 0.00	43.60 0.04 0.00	46.30 -0.05 0.00	50.29 -0.15 0.00	51.97 -0.26 0.00	52.97 -0.81 0.00	62.77 -1.09 0.00	71.90 -1.62 0.00	73.56 -1.58 0.00	67.87 -1.46 0.00	62.97 -0.76 0.00	55.39 -0.17 0.00	50.84 0.05 0.00	48.37 0.14 0.00
V_CMP_10_SYNC_DSASP 323788	42.37 0.63 0.00	39.85 0.47 0.00	36.33 0.47 0.00	33.87 0.47 0.00	32.24 0.38 0.00	35.56 0.49 0.00	39.34 0.47 0.00	40.08 0.40 0.00	37.83 0.34 0.00	37.91 0.49 0.00	40.24 0.52 0.00	44.12 0.57 0.00	46.81 0.46 0.00	50.84 0.40 0.00	52.12 -0.10 0.00	53.18 -0.59 0.00	63.09 -0.77 0.00	72.34 -1.18 0.00	74.09 -1.05 0.00	68.42 -0.90 0.00	63.41 -0.32 0.00	55.78 0.22 0.00	51.14 0.36 0.00	48.90 0.68 0.00

V_D_10_SYNC_DSASP 323841	42.07 0.33 0.00	39.62 0.24 0.00	36.07 0.22 0.00	33.67 0.27 0.00	32.05 0.19 0.00	35.39 0.32 0.00	39.18 0.31 0.00	39.96 0.28 0.00	37.61 0.11 0.00	37.61 0.19 0.00	39.84 0.12 0.00	43.73 0.17 0.00	46.39 0.05 0.00	50.39 -0.05 0.00	52.02 -0.21 0.00	53.18 -0.59 0.00	63.03 -0.83 0.00	72.19 -1.32 0.00	73.94 -1.20 0.00	68.28 -1.04 0.00	63.35 -0.38 0.00	55.78 0.22 0.00	51.04 0.25 0.00	48.61 0.39 0.00
V_E_10_SYNC_DSASP 323830	43.70 1.96 0.00	41.15 1.77 0.00	37.51 1.65 0.00	35.04 1.64 0.00	33.45 1.59 0.00	37.03 1.96 0.00	41.05 2.18 0.00	41.82 2.14 0.00	38.99 1.50 0.00	38.62 1.20 0.00	40.88 1.15 0.00	44.64 1.09 0.00	47.55 1.21 0.00	52.25 1.77 -0.04	54.32 2.09 0.00	56.25 2.47 0.00	67.43 3.58 0.01	78.96 5.44 0.00	81.46 6.24 -0.08	75.56 6.24 0.00	69.15 5.42 0.00	60.06 4.39 -0.11	54.29 3.50 0.00	51.48 3.23 -0.03
V_F_30_NSYNC___DSASP 323816	43.20 1.46 0.00	40.76 1.38 0.00	37.15 1.29 0.00	34.57 1.17 0.00	32.97 1.12 0.00	36.30 1.23 0.00	40.08 1.21 0.00	41.31 1.63 0.00	38.96 1.46 0.00	38.66 1.23 0.00	40.52 0.79 0.00	44.25 0.70 0.00	47.23 0.88 0.00	51.50 1.06 0.00	53.74 1.51 0.00	55.87 2.10 0.00	65.84 1.98 0.00	76.31 2.79 0.00	78.52 3.38 0.00	72.37 3.05 0.00	66.66 2.93 0.00	57.84 2.28 0.00	52.77 1.98 0.00	50.01 1.78 0.00
V_F_30_SYNC_DSASP 323786	42.24 0.50 0.00	39.85 0.47 0.00	36.33 0.47 0.00	33.80 0.40 0.00	32.27 0.41 0.00	35.46 0.39 0.00	39.11 0.23 0.00	39.92 0.24 0.00	37.76 0.26 0.00	37.65 0.22 0.00	39.88 0.16 0.00	43.60 0.04 0.00	46.53 0.19 0.00	50.69 0.25 0.00	52.59 0.37 0.00	54.36 0.59 0.00	64.75 0.89 0.00	74.84 1.32 0.00	76.49 1.35 0.00	70.29 0.97 0.00	64.49 0.76 0.00	56.01 0.44 0.00	51.19 0.41 0.00	48.56 0.34 0.00
V_XM_10_SYNC_DSASP 323789	42.37 0.63 0.00	39.85 0.47 0.00	36.33 0.47 0.00	33.87 0.47 0.00	32.24 0.38 0.00	35.56 0.49 0.00	39.34 0.47 0.00	40.08 0.40 0.00	37.83 0.34 0.00	37.91 0.49 0.00	40.24 0.52 0.00	44.12 0.57 0.00	46.81 0.46 0.00	50.84 0.40 0.00	52.12 -0.10 0.00	53.18 -0.59 0.00	63.09 -0.77 0.00	72.34 -1.18 0.00	74.09 -1.05 0.00	68.42 -0.90 0.00	63.41 -0.32 0.00	55.78 0.22 0.00	51.14 0.36 0.00	48.90 0.68 0.00
W.BABYLN_69_KV_BK1 56697	47.12 3.84 -1.54	43.99 3.19 -1.42	39.81 2.58 -1.37	37.04 2.24 -1.41	35.35 2.17 -1.33	38.52 2.10 -1.35	42.30 2.57 -0.86	43.99 3.21 -1.10	42.62 3.56 -1.57	43.25 3.89 -1.94	49.36 4.21 -5.43	51.07 4.83 -2.68	54.46 5.01 -3.11	66.40 4.54 -11.43	69.73 5.07 -12.43	82.09 4.95 -23.37	101.95 5.81 -32.28	124.68 7.28 -43.89	111.05 6.46 -29.45	111.47 5.06 -37.09	90.17 3.06 -23.38	71.26 3.33 -12.36	57.71 3.35 -3.57	52.70 3.47 -1.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.66 1.92 0.00	40.99 1.61 0.00	37.22 1.36 0.00	34.57 1.17 0.00	32.97 1.12 0.00	36.12 1.05 0.00	40.23 1.36 0.00	41.46 1.79 0.00	39.52 2.02 0.00	39.48 2.06 0.00	42.15 2.42 0.00	46.43 2.87 0.00	49.45 3.11 0.00	53.67 3.23 0.00	55.36 3.13 0.00	56.94 3.17 0.00	68.01 4.15 0.00	78.81 5.29 0.00	79.87 4.73 0.00	73.20 3.88 0.00	66.09 2.36 0.00	57.01 1.44 0.00	52.67 1.88 0.00	50.15 1.93 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.24 2.50 0.00	41.43 2.05 0.00	37.47 1.61 0.00	34.84 1.44 0.00	33.23 1.37 0.00	36.40 1.33 0.00	40.66 1.79 0.00	42.06 2.38 0.00	40.08 2.59 0.00	40.08 2.66 0.00	42.86 3.14 0.00	47.31 3.75 -0.02	50.33 3.99 0.00	54.57 4.14 0.00	56.04 3.81 0.00	57.48 3.71 0.00	68.58 4.73 0.00	79.47 5.95 0.00	80.40 5.26 0.00	73.62 4.30 0.00	66.22 2.49 0.00	57.17 1.61 0.00	53.18 2.39 0.00	50.68 2.46 0.00
W50THST__13_KV_LOAD 356117	44.45 2.71 0.00	41.63 2.24 0.00	37.69 1.83 0.00	35.00 1.60 0.00	33.39 1.53 0.00	36.58 1.51 0.00	40.93 2.06 0.00	42.34 2.66 0.00	40.34 2.85 0.00	40.38 2.96 0.00	43.18 3.46 0.00	47.66 4.09 -0.02	50.70 4.36 0.00	55.03 4.59 0.00	56.51 4.28 0.00	57.91 4.14 0.00	69.16 5.30 0.00	80.06 6.54 0.00	81.00 5.86 0.00	74.18 4.85 0.00	66.66 2.93 0.00	57.51 1.94 0.00	53.48 2.69 0.00	50.97 2.75 0.00
WADING RIVER_IC_1 23522	59.34 3.46 -14.14	55.24 2.87 -12.99	50.71 2.33 -12.52	48.34 2.04 -12.90	46.05 2.01 -12.19	49.36 1.93 -12.37	49.07 2.33 -7.86	52.68 2.94 -10.07	55.17 3.30 -14.38	58.69 3.52 -17.76	58.72 3.78 -15.22	61.67 4.35 -13.76	79.44 4.59 -28.50	159.43 4.24 -104.75	170.63 4.44 -113.96	272.04 4.14 -214.13	363.37 3.77 -295.75	481.34 5.52 -402.31	353.40 4.66 -273.60	413.23 3.88 -340.02	280.15 2.10 -214.32	171.30 2.39 -113.35	86.00 2.49 -32.72	60.54 3.13 -9.18
WADING RIVER_IC_2 23547	59.34 3.46 -14.14	55.24 2.87 -12.99	50.71 2.33 -12.52	48.34 2.04 -12.90	46.05 2.01 -12.19	49.36 1.93 -12.37	49.07 2.33 -7.86	52.68 2.94 -10.07	55.17 3.30 -14.38	58.69 3.52 -17.76	58.72 3.78 -15.22	61.67 4.35 -13.76	79.44 4.59 -28.50	159.43 4.24 -104.75	170.63 4.44 -113.96	272.04 4.14 -214.13	363.37 3.77 -295.75	481.34 5.52 -402.31	353.40 4.66 -273.60	413.23 3.88 -340.02	280.15 2.10 -214.32	171.30 2.39 -113.35	86.00 2.49 -32.72	60.54 3.13 -9.18
WADING RIVER_IC_3 23601	59.34 3.46 -14.14	55.24 2.87 -12.99	50.71 2.33 -12.52	48.34 2.04 -12.90	46.05 2.01 -12.19	49.36 1.93 -12.37	49.07 2.33 -7.86	52.68 2.94 -10.07	55.17 3.30 -14.38	58.69 3.52 -17.76	58.72 3.78 -15.22	61.67 4.35 -13.76	79.44 4.59 -28.50	159.43 4.24 -104.75	170.63 4.44 -113.96	272.04 4.14 -214.13	363.37 3.77 -295.75	481.34 5.52 -402.31	353.40 4.66 -273.60	413.23 3.88 -340.02	280.15 2.10 -214.32	171.30 2.39 -113.35	86.00 2.49 -32.72	60.54 3.13 -9.18
WALDENNY_12_KV_BK2 80841	40.20 -1.54 0.00	38.04 -1.34 0.00	34.57 -1.29 0.00	32.26 -1.14 0.00	30.65 -1.21 0.00	33.98 -1.09 0.00	38.10 -0.78 0.00	39.24 -0.44 0.00	36.74 -0.75 0.00	36.56 -0.86 0.00	39.21 -0.52 0.00	42.77 -0.78 0.00	45.42 -0.93 0.00	49.98 -0.45 0.00	51.76 -0.47 0.00	52.97 -0.81 0.00	62.86 -0.96 0.03	73.30 -0.22 0.00	75.67 0.53 0.00	71.33 2.01 0.00	64.81 1.08 0.00	56.39 0.83 0.00	50.53 -0.25 0.00	47.74 -0.48 0.00
WALDEN___HYDRO 24148	43.49 1.75 0.00	40.84 1.46 0.00	37.11 1.26 0.00	34.47 1.07 0.00	32.88 1.02 0.00	36.02 0.95 0.00	40.04 1.17 0.00	41.19 1.51 0.00	39.18 1.69 0.00	39.10 1.68 0.00	41.71 1.99 0.00	45.95 2.40 0.00	48.94 2.60 0.00	53.16 2.72 0.00	54.94 2.72 0.00	56.57 2.80 0.00	67.63 3.77 0.00	78.30 4.78 0.00	79.50 4.36 0.00	73.00 3.67 0.00	66.02 2.29 0.00	57.06 1.50 0.00	52.57 1.78 0.00	50.05 1.83 0.00
WARRENSBURG____ 23737	42.95 1.21 0.00	40.56 1.18 0.00	36.93 1.08 0.00	34.37 0.97 0.00	32.81 0.96 0.00	36.16 1.09 0.00	39.92 1.05 0.00	40.95 1.27 0.00	38.62 1.12 0.00	38.32 0.90 0.00	39.88 0.16 0.00	43.60 0.04 0.00	46.58 0.23 0.00	50.74 0.30 0.00	52.91 0.68 0.00	55.01 1.24 0.00	65.01 1.15 0.00	75.50 1.98 0.00	78.30 3.16 0.00	72.16 2.84 0.00	66.85 3.12 0.00	57.89 2.33 0.00	52.77 1.98 0.00	50.01 1.78 0.00

WATERSIDE___6 8 9 23538	44.24 2.50 0.00	41.43 2.05 0.00	37.51 1.65 0.00	34.83 1.44 0.00	33.26 1.40 0.00	36.30 1.23 0.00	40.58 1.71 0.00	41.94 2.26 0.00	40.01 2.51 0.00	40.00 2.58 0.00	42.86 3.14 0.00	47.32 3.75 -0.02	50.33 3.99 0.00	54.47 4.04 0.00	55.83 3.60 0.00	57.11 3.33 0.00	68.01 4.15 0.00	78.74 5.22 0.00	79.72 4.58 0.00	72.92 3.60 0.00	65.57 1.85 0.01	56.78 1.22 0.00	53.23 2.44 0.00	50.78 2.56 0.00
WATKINRD_115KV_LN8_ILLION 55919	41.99 0.25 0.00	39.62 0.24 0.00	36.07 0.22 0.00	33.63 0.23 0.00	32.08 0.22 0.00	35.31 0.25 0.00	39.15 0.27 0.00	39.96 0.28 0.00	37.72 0.22 0.00	37.65 0.22 0.00	39.92 0.20 0.00	43.73 0.17 0.00	46.58 0.23 0.00	50.69 0.25 0.00	52.54 0.31 0.00	54.10 0.32 0.00	64.30 0.45 0.00	74.18 0.66 0.00	75.82 0.68 0.00	69.95 0.62 0.00	64.18 0.45 0.00	55.89 0.33 0.00	51.09 0.30 0.00	48.51 0.29 0.00
WDELAWARE___HYD 323627	43.74 2.00 0.00	41.03 1.65 0.00	37.29 1.44 0.00	34.64 1.24 0.00	33.04 1.18 0.00	36.19 1.12 0.00	40.23 1.36 0.00	41.31 1.63 0.00	39.26 1.76 0.00	39.18 1.76 0.00	41.75 2.02 0.00	45.99 2.44 0.00	49.08 2.73 0.00	53.36 2.92 0.00	55.31 3.08 0.00	56.78 3.01 0.00	68.01 4.15 0.00	79.10 5.58 0.00	80.40 5.26 0.00	73.83 4.50 0.00	66.92 3.19 0.00	57.84 2.28 0.00	53.08 2.29 0.00	50.54 2.31 0.00
WEST BABYLON___IC 23714	47.12 3.84 -1.54	43.99 3.19 -1.42	39.81 2.58 -1.37	37.04 2.24 -1.41	35.35 2.17 -1.33	38.52 2.10 -1.35	42.30 2.57 -0.86	43.99 3.21 -1.10	42.62 3.56 -1.57	43.25 3.89 -1.94	49.36 4.21 -5.43	51.07 4.83 -2.68	54.46 5.01 -3.11	66.40 4.54 -11.43	69.73 5.07 -12.43	82.09 4.95 -23.37	101.95 5.81 -32.28	124.68 7.28 -43.89	111.05 6.46 -29.45	111.47 5.06 -37.09	90.17 3.06 -23.38	71.26 3.33 -12.36	57.71 3.35 -3.57	52.70 3.47 -1.00
WEST CANADA___HYD 24049	41.82 0.08 0.00	39.46 0.08 0.00	35.93 0.07 0.00	33.47 0.07 0.00	31.92 0.06 0.00	35.14 0.07 0.00	38.91 0.04 0.00	39.76 0.08 0.00	37.57 0.08 0.00	37.46 0.04 0.00	39.77 0.04 0.00	43.55 0.00 0.00	46.39 0.05 0.00	50.49 0.05 0.00	52.33 0.10 0.00	53.88 0.11 0.00	64.05 0.19 0.00	73.96 0.44 0.00	75.52 0.38 0.00	69.67 0.35 0.00	63.92 0.19 0.00	55.67 0.11 0.00	50.89 0.10 0.00	48.32 0.10 0.00
WESTERN_NY_WIND 24143	40.95 -0.79 0.00	38.63 -0.75 0.00	35.21 -0.65 0.00	32.87 -0.53 0.00	31.22 -0.64 0.00	34.72 -0.35 0.00	38.91 0.04 0.00	40.00 0.32 0.00	37.31 -0.19 0.00	37.05 -0.37 0.00	39.65 -0.08 0.00	43.42 -0.13 0.00	45.98 -0.37 0.00	50.54 0.10 0.00	52.28 0.05 0.00	53.56 -0.22 0.00	63.63 -0.19 0.04	74.47 0.96 0.00	77.02 1.88 0.00	72.65 3.33 0.00	66.28 2.55 0.00	57.62 2.06 0.00	51.65 0.86 0.00	48.70 0.48 0.00
WESTOVER___LESR 323668	41.32 -0.42 0.00	39.07 -0.32 0.00	35.50 -0.36 0.00	33.10 -0.30 0.00	31.54 -0.32 0.00	34.82 -0.25 0.00	38.72 -0.16 0.00	39.60 -0.08 0.00	37.31 -0.19 0.00	37.16 -0.26 0.00	39.61 -0.12 0.00	43.42 -0.13 0.00	46.21 -0.14 0.00	50.58 0.10 -0.04	52.44 0.21 0.00	54.15 0.38 0.00	64.42 0.57 0.01	74.77 1.25 0.00	76.73 1.50 -0.09	71.06 1.73 0.00	64.75 1.02 0.00	56.28 0.61 -0.11	50.94 0.15 0.00	48.39 0.14 -0.03
WETHRSFD_WT_PWR 323626	40.32 -1.42 0.00	38.16 -1.22 0.00	34.68 -1.18 0.00	32.30 -1.10 0.00	30.71 -1.15 0.00	33.98 -1.09 0.00	38.06 -0.82 0.00	39.00 -0.67 0.00	36.48 -1.01 0.00	36.22 -1.20 0.00	38.73 -0.99 0.00	42.29 -1.26 0.00	44.54 -1.81 0.00	48.97 -1.46 0.00	50.56 -1.67 0.00	52.11 -1.67 0.00	61.72 -2.11 0.03	72.42 -1.10 0.00	74.77 -0.37 0.00	70.50 1.18 0.00	63.54 -0.19 0.00	55.45 -0.11 0.00	50.18 -0.61 0.00	47.50 -0.72 0.00
WHAVSTOR_138KV_BK127 55557	43.53 1.79 0.00	40.88 1.50 0.00	37.08 1.22 0.00	34.47 1.07 0.00	32.88 1.02 0.00	36.02 0.95 0.00	40.12 1.24 0.00	41.35 1.67 0.00	39.37 1.87 0.00	39.37 1.95 0.00	42.03 2.30 0.00	46.30 2.74 0.00	49.27 2.92 0.00	53.46 3.03 0.00	55.10 2.87 0.00	56.68 2.90 0.00	67.63 3.77 0.00	78.37 4.85 0.00	79.42 4.28 0.00	72.79 3.47 0.00	65.71 1.98 0.00	56.73 1.17 0.00	52.41 1.63 0.00	49.96 1.74 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.53 1.79 0.00	40.88 1.50 0.00	37.08 1.22 0.00	34.47 1.07 0.00	32.88 1.02 0.00	36.02 0.95 0.00	40.12 1.24 0.00	41.35 1.67 0.00	39.37 1.87 0.00	39.37 1.95 0.00	42.03 2.30 0.00	46.30 2.74 0.00	49.27 2.92 0.00	53.46 3.03 0.00	55.10 2.87 0.00	56.68 2.90 0.00	67.63 3.77 0.00	78.37 4.85 0.00	79.42 4.28 0.00	72.79 3.47 0.00	65.71 1.98 0.00	56.73 1.17 0.00	52.41 1.63 0.00	49.96 1.74 0.00
WHITEHAL_115KV_TB1 80871	43.91 2.17 0.00	41.47 2.09 0.00	37.72 1.86 0.00	35.10 1.70 0.00	33.55 1.69 0.00	37.00 1.93 0.00	40.82 1.94 0.00	41.78 2.10 0.00	39.29 1.80 0.00	38.88 1.46 0.00	40.48 0.75 0.00	44.25 0.70 0.00	47.27 0.93 0.00	51.70 1.26 0.00	54.00 1.78 0.00	56.19 2.42 0.00	66.41 2.55 0.00	77.41 3.90 0.00	80.47 5.33 0.00	74.38 5.06 0.00	69.02 5.29 0.00	59.62 4.06 0.00	54.24 3.45 0.00	51.36 3.13 0.00
WHITEPLN_13_KV_LOAD 356215	44.24 2.50 0.00	41.55 2.17 0.00	37.69 1.83 0.00	35.04 1.64 0.00	33.39 1.53 0.00	36.58 1.51 0.00	40.86 1.98 0.00	42.22 2.54 0.00	40.19 2.70 0.00	40.23 2.81 0.00	42.94 3.22 0.00	47.34 3.79 0.00	50.38 4.03 0.00	54.68 4.24 0.00	56.30 4.07 0.00	57.86 4.09 0.00	69.22 5.36 0.00	80.28 6.76 0.00	81.15 6.01 0.00	74.52 5.20 0.00	67.24 3.51 0.00	57.84 2.28 0.00	53.48 2.69 0.00	50.87 2.65 0.00
WM_FLOYD_69_KV_BK2 356380	59.97 3.80 -14.43	55.83 3.19 -13.26	51.23 2.58 -12.78	48.84 2.27 -13.17	46.50 2.20 -12.44	49.83 2.14 -12.62	49.50 2.60 -8.02	53.21 3.25 -10.28	55.73 3.56 -14.68	59.36 3.82 -18.12	59.26 4.09 -15.45	62.24 4.66 -14.02	80.16 4.73 -29.08	161.60 4.24 -106.93	173.36 4.81 -116.33	277.09 4.73 -218.58	370.93 5.17 -301.90	490.66 6.47 -410.68	360.07 5.71 -279.22	420.99 4.58 -347.09	285.19 2.68 -218.78	174.27 3.00 -115.70	87.19 3.00 -33.41	60.78 3.18 -9.37
WOODARD__115KV_TB2 355635	40.99 -0.75 0.00	38.79 -0.59 0.00	35.32 -0.54 0.00	32.90 -0.50 0.00	31.41 -0.45 0.00	34.65 -0.42 0.00	38.48 -0.39 0.00	39.16 -0.52 0.00	36.97 -0.52 0.00	36.90 -0.52 0.00	39.21 -0.52 0.00	42.99 -0.57 0.00	45.75 -0.60 0.00	49.96 -0.55 -0.08	51.76 -0.47 0.00	53.40 -0.38 0.00	63.40 -0.45 0.01	73.30 -0.22 0.00	75.15 -0.15 -0.16	69.39 0.07 0.00	63.48 -0.25 0.00	55.43 -0.33 -0.20	50.23 -0.56 0.00	47.69 -0.58 -0.05
YORK___WARBASSE 23770	44.54 2.80 -0.01	41.71 2.32 -0.01	37.77 1.90 -0.01	35.08 1.67 -0.01	33.46 1.59 -0.01	36.47 1.40 0.00	40.74 1.87 0.00	42.10 2.42 0.00	40.08 2.59 0.00	40.08 2.66 0.00	43.02 3.30 0.00	47.53 3.96 -0.02	50.61 4.26 0.00	54.62 4.19 0.00	55.99 3.76 0.00	57.32 3.55 0.00	68.20 4.34 0.00	78.96 5.44 0.00	80.09 4.96 0.00	73.27 3.95 0.00	65.76 2.04 0.01	57.01 1.44 0.00	53.63 2.84 0.00	51.17 2.94 -0.01