

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/09/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
PTID	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	45.88	47.84	43.59	40.91	37.91	43.81	55.53	55.58	53.42	51.55	51.02	52.84	65.73	66.73	65.61	65.07	65.32	66.37	66.37	58.68	69.87	76.74	63.00	57.06	60.51
24138	2.47	2.71	2.68	2.35	2.16	2.44	2.71	2.98	3.29	3.74	3.75	3.87	4.38	4.58	4.99	5.65	6.19	6.58	5.40	5.39	4.98	3.31	2.11	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	
74TH STREET_GT_1	46.00	47.91	43.66	40.99	37.98	43.85	55.59	55.63	53.44	51.54	51.00	52.86	65.77	66.79	65.68	65.11	65.35	66.48	58.84	70.09	77.01	63.22	57.29	60.73	
24260	2.59	2.78	2.75	2.43	2.22	2.48	2.77	3.03	3.31	3.73	3.72	3.89	4.41	4.64	5.06	5.69	6.22	6.68	5.56	5.61	5.25	3.54	2.34	2.68	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_2	46.00	47.91	43.66	40.99	37.98	43.85	55.59	55.63	53.44	51.54	51.00	52.86	65.77	66.79	65.68	65.11	65.35	66.48	58.84	70.09	77.01	63.22	57.29	60.73	
24261	2.59	2.78	2.75	2.43	2.22	2.48	2.77	3.03	3.31	3.73	3.72	3.89	4.41	4.64	5.06	5.69	6.22	6.68	5.56	5.61	5.25	3.54	2.34	2.68	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK HUDSON___FALLS	46.07	47.96	43.53	41.05	38.10	44.12	56.09	55.90	53.39	51.06	49.80	51.60	64.55	65.39	64.18	63.28	63.15	64.78	58.20	70.06	78.64	64.97	59.18	62.21	
24011	2.66	2.83	2.62	2.50	2.35	2.76	3.27	3.30	3.26	3.24	2.52	2.64	3.19	3.24	3.56	3.85	4.02	4.98	4.92	5.58	6.88	5.28	4.24	4.16	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.00	47.87	43.42	40.97	38.03	44.07	56.04	55.96	53.53	51.12	49.82	51.63	64.59	65.40	64.21	63.30	63.16	64.94	58.33	70.24	79.28	65.61	59.77	62.76	
23798	2.59	2.74	2.51	2.41	2.27	2.70	3.23	3.35	3.40	3.30	2.54	2.66	3.23	3.25	3.59	3.87	4.03	5.14	5.05	5.76	7.52	5.92	4.82	4.70	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK S GLENS___FALLS	46.07	47.96	43.53	41.05	38.10	44.12	56.09	55.90	53.39	51.06	49.80	51.60	64.55	65.39	64.18	63.28	63.15	64.78	58.20	70.06	78.64	64.97	59.18	62.21	
24028	2.66	2.83	2.62	2.50	2.35	2.76	3.27	3.30	3.26	3.24	2.52	2.64	3.19	3.24	3.56	3.85	4.02	4.98	4.92	5.58	6.88	5.28	4.24	4.16	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.06	47.12	42.86	40.26	37.32	43.18	54.80	54.39	51.94	49.65	48.63	50.34	62.78	63.65	62.46	61.43	61.15	62.33	55.76	67.04	74.49	61.41	56.03	59.10	
23527	1.65	1.99	1.94	1.70	1.57	1.82	1.98	1.78	1.82	1.83	1.35	1.37	1.42	1.50	1.84	2.01	2.02	2.52	2.48	2.56	2.73	1.72	1.08	1.04	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AIR_PRODUCTS___DRP	43.56	45.41	41.41	39.02	36.19	41.78	52.97	52.74	50.39	48.25	47.48	49.09	61.26	62.08	60.88	59.94	59.72	60.72	54.16	65.03	72.08	59.51	54.28	57.27	
24190	0.15	0.28	0.49	0.47	0.43	0.41	0.15	0.13	0.26	0.43	0.20	0.13	-0.09	-0.07	0.26	0.52	0.59	0.92	0.87	0.55	0.32	-0.18	-0.67	-0.78	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK	43.35	45.13	40.75	38.38	35.57	41.26	53.14	52.86	50.23	47.63	47.25	48.99	61.63	62.28	60.47	58.92	58.39	58.60	51.85	63.22	70.78	59.29	55.51	58.71	
355683	-0.06	0.00	-0.17	-0.18	-0.18	-0.10	0.32	0.25	0.10	-0.19	-0.03	0.03	0.28	0.13	-0.15	-0.51	-0.74	-1.21	-1.44	-1.26	-0.97	-0.40	0.56	0.66	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_1_SOLAR	43.88	46.24	42.17	39.79	36.88	42.60	53.99	53.60	50.97	48.85	48.00	49.39	61.62	61.76	60.63	59.64	59.34	60.42	54.10	65.13	72.26	59.72	54.51	57.46	
323833	0.47	1.11	1.26	1.23	1.12	1.23	1.17	0.99	0.85	1.04	0.72	0.43	0.27	-0.39	0.01	0.21	0.21	0.62	0.81	0.65	0.50	0.03	-0.44	-0.59	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_2_SOLAR	43.86	46.24	42.17	39.78	36.87	42.59	53.98	53.58	50.96	48.83	47.98	49.39	61.61	61.73	60.61	59.60	59.32	60.40	54.08	65.10	72.23	59.70	54.48	57.43	
323834	0.45	1.11	1.26	1.23	1.11	1.22	1.16	0.97	0.83	1.02	0.70	0.42	0.25	-0.42	-0.01	0.18	0.19	0.60	0.80	0.62	0.47	0.01	-0.47	-0.62	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.56	45.41	41.41	39.02	36.19	41.78	52.97	52.74	50.39	48.25	47.48	49.09	61.26	62.08	60.88	59.94	59.72	60.72	54.16	65.03	72.08	59.51	54.28	57.27	
23571	0.15	0.28	0.49	0.47	0.43	0.41	0.15	0.13	0.26	0.43	0.20	0.13	-0.09	-0.07	0.26	0.52	0.59	0.92	0.87	0.55	0.32	-0.18	-0.67	-0.78	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

ALBANY___2 23572	43.56 0.15 0.00	45.41 0.28 0.00	41.41 0.49 0.00	39.02 0.47 0.00	36.19 0.43 0.00	41.78 0.41 0.00	52.97 0.15 0.00	52.74 0.13 0.00	50.39 0.26 0.00	48.25 0.43 0.00	47.48 0.20 0.00	49.09 0.13 0.00	61.26 -0.09 0.00	62.08 -0.07 0.00	60.88 0.26 0.00	59.94 0.52 0.00	59.72 0.59 0.00	60.72 0.92 0.00	54.16 0.87 0.00	65.03 0.55 0.00	72.08 0.32 0.00	59.51 -0.18 0.00	54.28 -0.67 0.00	57.27 -0.78 0.00
ALBANY___3 23573	43.56 0.15 0.00	45.41 0.28 0.00	41.41 0.49 0.00	39.02 0.47 0.00	36.19 0.43 0.00	41.78 0.41 0.00	52.97 0.15 0.00	52.74 0.13 0.00	50.39 0.26 0.00	48.25 0.43 0.00	47.48 0.20 0.00	49.09 0.13 0.00	61.26 -0.09 0.00	62.08 -0.07 0.00	60.88 0.26 0.00	59.94 0.52 0.00	59.72 0.59 0.00	60.72 0.92 0.00	54.16 0.87 0.00	65.03 0.55 0.00	72.08 0.32 0.00	59.51 -0.18 0.00	54.28 -0.67 0.00	57.27 -0.78 0.00
ALBANY___4 23574	43.56 0.15 0.00	45.41 0.28 0.00	41.41 0.49 0.00	39.02 0.47 0.00	36.19 0.43 0.00	41.78 0.41 0.00	52.97 0.15 0.00	52.74 0.13 0.00	50.39 0.26 0.00	48.25 0.43 0.00	47.48 0.20 0.00	49.09 0.13 0.00	61.26 -0.09 0.00	62.08 -0.07 0.00	60.88 0.26 0.00	59.94 0.52 0.00	59.72 0.59 0.00	60.72 0.92 0.00	54.16 0.87 0.00	65.03 0.55 0.00	72.08 0.32 0.00	59.51 -0.18 0.00	54.28 -0.67 0.00	57.27 -0.78 0.00
ALBANY___LFGE 323615	44.14 0.72 0.00	45.99 0.86 0.00	41.91 1.00 0.00	39.50 0.94 0.00	36.63 0.87 0.00	42.30 0.94 0.00	53.64 0.83 0.00	53.42 0.82 0.00	51.06 0.93 0.00	48.91 1.09 0.00	48.13 0.85 0.00	49.81 0.84 0.00	62.18 0.82 0.00	63.01 0.86 0.00	61.84 1.22 0.00	60.90 1.48 0.00	60.69 1.55 0.00	61.73 1.93 0.00	55.04 1.76 0.00	66.06 1.58 0.00	73.22 1.47 0.00	60.45 0.76 0.00	55.10 0.15 0.00	58.12 0.07 0.00
ALCOA_PA_115KV_PL-6C 55860	43.57 0.16 0.00	45.35 0.22 0.00	40.93 0.02 0.00	38.56 0.00 0.00	35.76 0.01 0.00	41.48 0.11 0.00	53.44 0.63 0.00	53.20 0.59 0.00	50.51 0.39 0.00	47.78 -0.03 0.00	47.05 -0.23 0.00	49.18 0.22 0.00	61.88 0.53 0.00	62.52 0.37 0.00	60.59 -0.03 0.00	58.98 -0.44 0.00	58.44 -0.69 0.00	58.60 -1.21 0.00	52.15 -1.13 0.00	63.77 -0.71 0.00	71.44 -0.32 0.00	59.96 0.27 0.00	55.89 0.94 0.00	59.09 1.04 0.00
ALCOA_RYNLDS___DRP 24188	43.57 0.16 0.00	45.35 0.22 0.00	40.93 0.02 0.00	38.56 0.00 0.00	35.76 0.01 0.00	41.48 0.11 0.00	53.44 0.63 0.00	53.20 0.59 0.00	50.51 0.39 0.00	47.78 -0.03 0.00	47.05 -0.23 0.00	49.18 0.22 0.00	61.88 0.53 0.00	62.52 0.37 0.00	60.59 -0.03 0.00	58.98 -0.44 0.00	58.44 -0.69 0.00	58.60 -1.21 0.00	52.15 -1.13 0.00	63.77 -0.71 0.00	71.44 -0.32 0.00	59.96 0.27 0.00	55.89 0.94 0.00	59.09 1.04 0.00
ALCOA___DSASP 323711	43.57 0.16 0.00	45.35 0.22 0.00	40.93 0.02 0.00	38.56 0.00 0.00	35.76 0.01 0.00	41.48 0.11 0.00	53.45 0.63 0.00	53.20 0.59 0.00	50.51 0.39 0.00	47.78 -0.04 0.00	47.05 -0.23 0.00	49.18 0.22 0.00	61.88 0.53 0.00	62.52 0.37 0.00	60.59 -0.03 0.00	58.98 -0.44 0.00	58.44 -0.69 0.00	58.60 -1.21 0.00	52.16 -1.13 0.00	63.77 -0.71 0.00	71.45 -0.32 0.00	59.96 0.27 0.00	55.89 0.94 0.00	59.09 1.04 0.00
ALLEGHENY___COGEN 23514	45.93 2.52 0.00	47.31 2.18 0.00	42.52 1.61 0.00	39.99 1.44 0.00	37.34 1.59 0.00	43.35 1.98 0.00	55.55 2.73 0.00	54.84 2.24 0.00	51.50 1.38 0.00	48.74 0.93 0.00	48.44 1.16 0.00	50.15 1.18 0.00	63.92 2.56 0.00	64.57 2.42 0.00	62.89 2.26 0.00	61.58 2.16 0.00	61.83 2.70 0.00	63.51 3.71 0.00	57.43 4.15 0.00	69.35 4.87 0.00	77.79 6.03 0.00	65.27 5.58 0.00	59.53 4.58 0.00	62.45 4.40 0.00
ALTAMONT_115KV_TB 2 55880	44.12 0.71 0.00	46.00 0.87 0.00	41.90 0.99 0.00	39.49 0.93 0.00	36.61 0.86 0.00	42.29 0.92 0.00	53.64 0.82 0.00	53.38 0.77 0.00	50.96 0.83 0.00	48.78 0.97 0.00	48.05 0.77 0.00	49.69 0.72 0.00	62.06 0.70 0.00	62.87 0.72 0.00	61.61 0.99 0.00	60.66 1.23 0.00	60.51 1.38 0.00	61.50 1.70 0.00	54.87 1.59 0.00	65.98 1.50 0.00	73.17 1.41 0.00	60.46 0.77 0.00	55.21 0.26 0.00	58.29 0.24 0.00
ALTONA_WT_PWR 323606	43.03 -0.38 0.00	45.04 -0.10 0.00	40.63 -0.29 0.00	38.27 -0.28 0.00	35.48 -0.28 0.00	41.29 -0.08 0.00	53.01 0.19 0.00	52.33 -0.28 0.00	49.48 -0.64 0.00	46.93 -0.89 0.00	46.66 -0.62 0.00	48.31 -0.65 0.00	60.67 -0.68 0.00	61.04 -1.11 0.00	59.27 -1.35 0.00	57.79 -1.64 0.00	57.31 -1.82 0.00	57.48 -2.32 0.00	51.13 -2.15 0.00	62.48 -2.00 0.00	70.00 -1.75 0.00	58.72 -0.96 0.00	54.81 -0.13 0.00	58.17 0.12 0.00
AMERICAN_REF_FUEL 24010	42.27 -1.14 0.00	43.74 -1.39 0.00	39.19 -1.72 0.00	36.94 -1.62 0.00	34.43 -1.32 0.00	39.97 -1.40 0.00	51.08 -1.74 0.00	49.73 -2.88 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.04 -1.93 0.00	60.18 -1.17 0.00	60.30 -1.85 0.00	58.69 -1.93 0.00	57.65 -1.77 0.00	58.01 -1.12 0.00	59.01 -0.79 0.00	52.79 -0.49 0.00	63.69 -0.80 0.00	70.34 -1.42 0.00	59.27 -0.42 0.00	54.64 -0.31 0.00	58.14 0.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.10 0.69 0.00	45.45 0.32 0.00	40.83 -0.08 0.00	38.36 -0.20 0.00	35.82 0.06 0.00	41.53 0.16 0.00	53.19 0.37 0.00	52.42 -0.19 0.00	49.62 -0.51 0.00	47.62 -0.20 0.00	47.88 0.60 0.00	49.87 0.90 0.00	63.34 1.98 0.00	63.62 1.47 0.00	62.20 1.58 0.00	61.19 1.77 0.00	61.56 2.43 0.00	63.09 3.28 0.00	56.11 2.83 0.00	67.78 3.30 0.00	74.37 2.61 0.00	62.30 2.61 0.00	57.00 2.05 0.00	60.32 2.27 0.00
ARTHUR KILL_GT_1 23520	45.87 2.46 0.00	47.65 2.52 0.00	43.41 2.50 0.00	40.73 2.17 0.00	37.74 1.99 0.00	43.55 2.18 0.00	54.95 2.13 0.00	55.10 2.50 0.00	53.02 2.89 0.00	51.06 3.25 0.00	50.47 3.19 0.00	52.04 3.08 0.00	64.63 3.27 0.00	65.90 3.75 0.00	64.94 4.32 0.00	64.45 5.03 0.00	64.72 5.59 0.00	65.91 6.11 0.00	58.28 4.99 0.00	69.25 4.76 0.00	76.01 4.24 -0.01	62.40 2.70 -0.01	56.57 1.62 -0.01	60.00 2.08 0.13
ARTHUR_KILL_2 23512	45.69 2.28 0.00	47.47 2.34 0.00	43.25 2.34 0.00	40.58 2.03 0.00	37.61 1.86 0.00	43.38 2.02 0.00	54.74 1.92 0.00	54.90 2.29 0.00	52.81 2.69 0.00	50.88 3.07 0.00	50.28 3.00 0.00	51.84 2.88 0.00	64.35 3.00 0.00	65.60 3.45 0.00	64.64 4.02 0.00	64.17 4.75 0.00	64.42 5.29 0.00	65.60 5.80 0.00	58.01 4.73 0.00	68.89 4.40 -0.01	75.60 3.83 -0.01	62.03 2.34 -0.01	56.27 1.33 0.00	59.74 1.81 0.13
ARTHUR_KILL_3 23513	45.38 1.97 0.00	47.29 2.16 0.00	43.07 2.16 0.00	40.41 1.86 0.00	37.46 1.71 0.00	43.24 1.87 0.00	54.74 1.91 0.00	54.77 2.16 0.00	52.61 2.48 0.00	50.73 2.92 0.00	50.19 2.91 0.00	51.98 3.02 0.00	64.62 3.26 0.00	65.64 3.49 0.00	64.52 3.90 0.00	63.95 4.52 0.00	64.19 5.06 0.00	65.31 5.51 0.00	57.81 4.53 0.00	68.88 4.40 0.00	75.68 3.92 0.00	62.15 2.46 0.00	56.30 1.36 0.01	59.62 1.70 0.14

ARTHUR_KILL_COGEN 323718	45.87 2.46 0.00	47.65 2.52 0.00	43.41 2.50 0.00	40.73 2.17 0.00	37.75 1.99 0.00	43.54 2.18 0.00	54.95 2.13 0.00	55.11 2.50 0.00	53.02 2.89 0.00	51.06 3.25 0.00	50.47 3.19 0.00	52.04 3.07 0.00	64.63 3.27 0.00	65.91 3.76 0.00	64.94 4.32 0.00	64.46 5.03 0.00	64.72 5.59 0.00	65.90 6.10 0.00	58.28 4.99 0.00	69.25 4.76 -0.01	76.01 4.24 -0.01	62.36 2.67 -0.01	56.55 1.61 0.00	60.00 2.07 0.13
ASHOKAN____ 23654	45.42 2.01 0.00	47.20 2.07 0.00	42.96 2.05 0.00	40.43 1.87 0.00	37.46 1.70 0.00	43.27 1.90 0.00	54.93 2.11 0.00	54.80 2.19 0.00	52.31 2.19 0.00	50.05 2.24 0.00	49.31 2.03 0.00	51.09 2.13 0.00	63.93 2.57 0.00	65.05 2.90 0.00	64.80 4.18 0.00	64.08 4.66 0.00	64.24 5.11 0.00	64.91 5.11 0.00	57.94 4.66 0.00	69.44 4.96 0.00	76.62 4.86 0.00	63.05 3.36 0.00	57.27 2.32 0.00	60.35 2.30 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.71 2.30 0.00	47.53 2.40 0.00	43.36 2.45 0.00	40.69 2.13 0.00	37.71 1.96 0.00	43.48 2.11 0.00	55.13 2.31 0.00	55.21 2.60 0.00	52.99 2.86 0.00	51.09 3.28 0.00	50.44 3.16 0.00	52.20 3.23 0.00	64.78 3.42 -0.01	65.94 3.78 0.00	64.86 4.24 0.00	64.29 4.87 0.00	64.66 5.39 -0.14	66.52 5.79 -0.93	58.05 4.76 -0.01	69.08 4.59 -0.01	75.82 4.05 -0.01	62.26 2.57 -0.01	56.52 1.56 -0.01	60.11 2.05 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	45.71 2.30 0.00	47.53 2.40 0.00	43.36 2.45 0.00	40.69 2.13 0.00	37.71 1.96 0.00	43.48 2.11 0.00	55.13 2.31 0.00	55.21 2.60 0.00	52.99 2.86 0.00	51.09 3.28 0.00	50.44 3.16 0.00	52.20 3.23 0.00	64.78 3.42 -0.01	65.94 3.78 0.00	64.86 4.24 0.00	64.29 4.87 0.00	64.66 5.39 -0.14	66.52 5.79 -0.93	58.05 4.76 -0.01	69.08 4.59 -0.01	75.82 4.05 -0.01	62.26 2.57 -0.01	56.52 1.56 -0.01	60.11 2.05 -0.01
ASTORIA_GT2_1 24094	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01
ASTORIA_GT2_2 24095	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01
ASTORIA_GT2_3 24096	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01
ASTORIA_GT2_4 24097	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01
ASTORIA_GT3_1 24098	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01
ASTORIA_GT3_2 24099	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01
ASTORIA_GT3_3 24100	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01
ASTORIA_GT3_4 24101	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01
ASTORIA_GT4_1 24102	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01
ASTORIA_GT4_2 24103	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01
ASTORIA_GT4_3 24104	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01

ASTORIA_GT4_4 24105	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.71 2.15 0.00	37.72 1.96 0.00	43.51 2.14 0.00	55.16 2.34 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.23 3.27 0.00	64.83 3.47 0.00	65.96 3.82 0.00	64.90 4.28 0.00	64.32 4.90 0.00	64.69 5.42 -0.13	66.57 5.85 -0.92	58.07 4.79 0.00	69.12 4.63 -0.01	75.86 4.10 -0.01	62.32 2.63 -0.01	56.56 1.60 -0.01	60.15 2.10 -0.01
ASTORIA_GT_1 23523	45.86 2.45 0.00	47.67 2.54 0.00	43.48 2.57 0.00	40.80 2.24 0.00	37.81 2.06 0.00	43.60 2.24 0.00	55.29 2.48 0.00	55.38 2.77 0.00	53.16 3.03 0.00	51.26 3.45 0.00	50.61 3.33 0.00	52.38 3.41 0.00	65.02 3.66 0.00	66.17 4.02 0.00	65.09 4.48 0.00	64.53 5.10 0.00	64.89 5.62 -0.13	66.77 6.05 -0.92	58.26 4.98 0.00	69.33 4.84 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.72 1.76 -0.01	60.30 2.24 -0.01
ASTORIA_GT_10 24110	45.54 2.13 0.00	47.45 2.32 0.00	43.30 2.39 0.00	40.64 2.09 0.00	37.67 1.92 0.00	43.46 2.09 0.00	55.02 2.20 0.00	55.08 2.48 0.00	52.92 2.80 0.00	51.03 3.21 0.00	50.42 3.14 0.00	52.15 3.19 0.00	64.77 3.41 0.00	65.81 3.66 0.00	64.73 4.11 0.00	64.17 4.75 0.00	64.40 5.27 0.00	65.49 5.69 0.00	57.94 4.66 0.00	68.91 4.43 0.00	70.47 3.92 5.21	52.75 2.45 9.39	51.96 1.40 4.38	53.75 1.80 6.10
ASTORIA_GT_11 24225	45.54 2.13 0.00	47.45 2.32 0.00	43.30 2.39 0.00	40.64 2.09 0.00	37.67 1.92 0.00	43.46 2.09 0.00	55.02 2.20 0.00	55.08 2.48 0.00	52.92 2.80 0.00	51.03 3.21 0.00	50.42 3.14 0.00	52.15 3.19 0.00	64.77 3.41 0.00	65.81 3.66 0.00	64.73 4.11 0.00	64.17 4.75 0.00	64.40 5.27 0.00	65.49 5.69 0.00	57.94 4.66 0.00	68.91 4.43 0.00	70.47 3.92 5.21	52.75 2.45 9.39	51.96 1.40 4.38	53.75 1.80 6.10
ASTORIA_GT_12 24226	45.54 2.13 0.00	47.45 2.32 0.00	43.30 2.39 0.00	40.64 2.09 0.00	37.67 1.92 0.00	43.46 2.09 0.00	55.02 2.20 0.00	55.08 2.48 0.00	52.92 2.80 0.00	51.03 3.21 0.00	50.42 3.14 0.00	52.15 3.19 0.00	64.77 3.41 0.00	65.81 3.66 0.00	64.73 4.11 0.00	64.17 4.75 0.00	64.40 5.27 0.00	65.49 5.69 0.00	57.94 4.66 0.00	68.91 4.43 0.00	70.47 3.92 5.21	52.75 2.45 9.39	51.96 1.40 4.38	53.75 1.80 6.10
ASTORIA_GT_13 24227	45.54 2.13 0.00	47.45 2.32 0.00	43.30 2.39 0.00	40.64 2.09 0.00	37.67 1.92 0.00	43.46 2.09 0.00	55.02 2.20 0.00	55.08 2.48 0.00	52.92 2.80 0.00	51.03 3.21 0.00	50.42 3.14 0.00	52.15 3.19 0.00	64.77 3.41 0.00	65.81 3.66 0.00	64.73 4.11 0.00	64.17 4.75 0.00	64.40 5.27 0.00	65.49 5.69 0.00	57.94 4.66 0.00	68.91 4.43 0.00	70.47 3.92 5.21	52.75 2.45 9.39	51.96 1.40 4.38	53.75 1.80 6.10
ASTORIA_GT_5 24106	45.86 2.45 0.00	47.67 2.54 0.00	43.48 2.57 0.00	40.80 2.24 0.00	37.81 2.06 0.00	43.60 2.24 0.00	55.29 2.48 0.00	55.38 2.77 0.00	53.16 3.03 0.00	51.26 3.45 0.00	50.61 3.33 0.00	52.38 3.41 0.00	65.02 3.66 0.00	66.17 4.02 0.00	65.09 4.48 0.00	64.53 5.10 0.00	64.89 5.62 -0.13	66.77 6.05 -0.92	58.26 4.98 0.00	69.33 4.84 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.72 1.76 -0.01	60.30 2.24 -0.01
ASTORIA_GT_7 24107	45.86 2.45 0.00	47.67 2.54 0.00	43.48 2.57 0.00	40.80 2.24 0.00	37.81 2.06 0.00	43.60 2.24 0.00	55.29 2.48 0.00	55.38 2.77 0.00	53.16 3.03 0.00	51.26 3.45 0.00	50.61 3.33 0.00	52.38 3.41 0.00	65.02 3.66 0.00	66.17 4.02 0.00	65.09 4.48 0.00	64.53 5.10 0.00	64.89 5.62 -0.13	66.77 6.05 -0.92	58.26 4.98 0.00	69.33 4.84 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.72 1.76 -0.01	60.30 2.24 -0.01
ASTORIA_GT_8 24108	45.86 2.45 0.00	47.67 2.54 0.00	43.48 2.57 0.00	40.80 2.24 0.00	37.81 2.06 0.00	43.60 2.24 0.00	55.29 2.48 0.00	55.38 2.77 0.00	53.16 3.03 0.00	51.26 3.45 0.00	50.61 3.33 0.00	52.38 3.41 0.00	65.02 3.66 0.00	66.17 4.02 0.00	65.09 4.48 0.00	64.53 5.10 0.00	64.89 5.62 -0.13	66.77 6.05 -0.92	58.26 4.98 0.00	69.33 4.84 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.72 1.76 -0.01	60.30 2.24 -0.01
ASTORIA___2 24149	45.74 2.33 0.00	47.55 2.42 0.00	43.38 2.46 0.00	40.70 2.15 0.00	37.72 1.97 0.00	43.51 2.14 0.00	55.15 2.33 0.00	55.22 2.62 0.00	53.01 2.89 0.00	51.11 3.30 0.00	50.46 3.18 0.00	52.24 3.27 0.00	64.83 3.47 -0.01	65.97 3.82 0.00	64.89 4.27 0.00	64.32 4.90 0.00	64.69 5.42 -0.14	66.57 5.84 -0.93	58.08 4.79 -0.01	69.11 4.62 -0.01	75.86 4.10 -0.01	62.29 2.60 -0.01	56.54 1.59 -0.01	60.14 2.09 -0.01
ASTORIA___3 23516	45.54 2.13 0.00	47.45 2.31 0.00	43.30 2.39 0.00	40.64 2.09 0.00	37.67 1.92 0.00	43.46 2.09 0.00	55.01 2.20 0.00	55.08 2.48 0.00	52.92 2.80 0.00	51.02 3.21 0.00	50.43 3.15 0.00	52.15 3.18 0.00	64.76 3.41 0.00	65.81 3.66 0.00	64.73 4.11 0.00	64.18 4.75 0.00	64.40 5.27 0.00	65.49 5.68 0.00	57.94 4.66 0.00	68.90 4.42 0.00	70.46 3.91 5.21	52.72 2.42 9.39	51.95 1.39 4.38	53.76 1.81 6.10
ASTORIA___4 23517	45.54 2.13 0.00	47.45 2.32 0.00	43.30 2.39 0.00	40.64 2.09 0.00	37.67 1.92 0.00	43.46 2.09 0.00	55.02 2.20 0.00	55.08 2.48 0.00	52.92 2.79 0.00	51.03 3.21 0.00	50.42 3.14 0.00	52.15 3.19 0.00	64.77 3.41 0.00	65.81 3.66 0.00	64.73 4.11 0.00	64.17 4.75 0.00	64.40 5.27 0.00	65.49 5.69 0.00	57.94 4.66 0.00	68.91 4.43 0.00	70.47 3.92 5.21	52.75 2.45 9.39	51.96 1.40 4.38	53.75 1.80 6.10
ASTORIA___5 23518	45.54 2.13 0.00	47.45 2.31 0.00	43.30 2.39 0.00	40.64 2.09 0.00	37.67 1.92 0.00	43.46 2.09 0.00	55.01 2.20 0.00	55.08 2.48 0.00	52.92 2.79 0.00	51.02 3.21 0.00	50.43 3.15 0.00	52.15 3.18 0.00	64.76 3.41 0.00	65.81 3.66 0.00	64.73 4.11 0.00	64.18 4.75 0.00	64.40 5.27 0.00	65.49 5.68 0.00	57.94 4.66 0.00	68.90 4.42 0.00	70.46 3.91 5.21	52.72 2.42 9.39	51.95 1.39 4.38	53.76 1.80 6.10
AST_ENERGY_2_CC3 323677	45.49 2.08 0.00	47.40 2.27 0.00	43.20 2.28 0.00	40.54 1.99 0.00	37.58 1.83 0.00	43.39 2.02 0.00	54.94 2.12 0.00	54.95 2.34 0.00	52.78 2.66 0.00	50.92 3.11 0.00	50.37 3.09 0.00	52.18 3.21 0.00	64.92 3.56 0.00	65.91 3.76 0.00	64.79 4.18 0.00	64.25 4.83 0.00	64.50 5.36 0.00	65.63 5.83 0.00	58.09 4.80 0.00	69.19 4.70 0.00	76.02 4.27 0.00	62.40 2.71 0.00	56.57 1.62 0.00	59.99 1.94 0.00
AST_ENERGY_2_CC4 323678	45.49 2.08 0.00	47.40 2.27 0.00	43.20 2.28 0.00	40.54 1.99 0.00	37.58 1.83 0.00	43.39 2.02 0.00	54.94 2.12 0.00	54.95 2.34 0.00	52.78 2.66 0.00	50.92 3.11 0.00	50.37 3.09 0.00	52.18 3.21 0.00	64.92 3.56 0.00	65.91 3.76 0.00	64.79 4.18 0.00	64.25 4.83 0.00	64.50 5.36 0.00	65.63 5.83 0.00	58.09 4.80 0.00	69.19 4.70 0.00	76.02 4.27 0.00	62.40 2.71 0.00	56.57 1.62 0.00	59.99 1.94 0.00

ATHENS_STG_1 23668	44.35 0.94 0.00	46.18 1.05 0.00	42.10 1.19 0.00	39.68 1.13 0.00	36.79 1.03 0.00	42.43 1.07 0.00	53.74 0.92 0.00	53.53 0.92 0.00	51.19 1.07 0.00	49.08 1.27 0.00	48.46 1.18 0.00	50.20 1.23 0.00	62.66 1.30 0.00	63.59 1.44 0.00	62.34 1.72 0.00	61.50 2.08 0.00	61.46 2.33 0.00	62.48 2.68 0.00	55.61 2.33 0.00	66.68 2.20 0.00	73.76 2.00 0.00	60.80 1.12 0.00	55.40 0.46 0.00	58.62 0.56 0.00
ATHENS_STG_2 23670	44.35 0.94 0.00	46.18 1.05 0.00	42.10 1.19 0.00	39.68 1.13 0.00	36.79 1.03 0.00	42.43 1.07 0.00	53.74 0.92 0.00	53.53 0.92 0.00	51.19 1.07 0.00	49.08 1.27 0.00	48.46 1.18 0.00	50.20 1.23 0.00	62.66 1.30 0.00	63.59 1.44 0.00	62.34 1.72 0.00	61.50 2.08 0.00	61.46 2.33 0.00	62.48 2.68 0.00	55.61 2.33 0.00	66.68 2.20 0.00	73.76 2.00 0.00	60.80 1.12 0.00	55.40 0.46 0.00	58.62 0.56 0.00
ATHENS_STG_3 23677	44.35 0.94 0.00	46.18 1.05 0.00	42.10 1.19 0.00	39.68 1.13 0.00	36.79 1.03 0.00	42.43 1.07 0.00	53.74 0.92 0.00	53.53 0.92 0.00	51.19 1.07 0.00	49.08 1.27 0.00	48.46 1.18 0.00	50.20 1.23 0.00	62.66 1.30 0.00	63.59 1.44 0.00	62.34 1.72 0.00	61.50 2.08 0.00	61.46 2.33 0.00	62.48 2.68 0.00	55.61 2.33 0.00	66.68 2.20 0.00	73.76 2.00 0.00	60.80 1.12 0.00	55.40 0.46 0.00	58.62 0.56 0.00
AUBURN____LFGE 323710	44.00 0.59 0.00	45.63 0.50 0.00	41.32 0.40 0.00	38.92 0.36 0.00	36.06 0.31 0.00	41.78 0.41 0.00	53.25 0.44 0.00	53.03 0.42 0.00	50.23 0.11 0.00	47.89 0.08 0.00	47.32 0.04 0.00	48.84 -0.13 0.00	61.45 0.09 0.00	62.29 0.14 0.00	60.82 0.20 0.00	59.69 0.27 0.00	59.52 0.38 0.00	60.60 0.79 0.00	54.34 1.06 0.00	65.82 1.33 0.00	73.18 1.42 0.00	60.76 1.07 0.00	55.64 0.69 0.00	58.80 0.75 0.00
BABYLON_RES_REC 323704	45.90 2.49 0.00	48.02 2.89 0.00	43.75 2.84 0.00	40.97 2.41 0.00	37.85 2.10 0.00	43.57 2.21 0.00	54.91 2.09 0.00	54.69 2.08 0.00	51.70 2.23 0.66	49.82 2.83 0.82	50.43 3.15 0.00	70.22 3.47 -17.78	73.53 4.00 -8.18	72.29 4.23 -5.91	78.57 4.85 -13.10	82.33 5.70 -17.20	158.26 6.52 -92.61	276.70 7.14 -209.76	212.50 5.82 -153.40	126.25 5.52 -56.24	89.37 4.66 -12.94	62.68 2.92 -0.08	56.66 2.05 0.33	46.99 2.30 13.36
BALL_HILL_WT_PWR 323825	43.41 0.00 0.00	44.83 -0.30 0.00	40.29 -0.63 0.00	37.88 -0.68 0.00	35.36 -0.40 0.00	40.97 -0.39 0.00	52.40 -0.42 0.00	51.52 -1.08 0.00	48.80 -1.33 0.00	46.85 -0.96 0.00	47.03 -0.24 0.00	48.92 -0.05 0.00	62.27 0.92 0.00	62.54 0.39 0.00	61.04 0.42 0.00	59.99 0.57 0.00	60.35 1.22 0.00	61.70 1.90 0.00	54.93 1.65 0.00	66.40 1.92 0.00	72.97 1.21 0.00	61.17 1.48 0.00	56.08 1.13 0.00	59.38 1.33 0.00
BARON_WINDS____WT_PWR 323822	43.79 0.38 0.00	45.24 0.11 0.00	40.80 -0.11 0.00	38.35 -0.21 0.00	35.81 0.06 0.00	41.46 0.10 0.00	52.81 -0.01 0.00	52.22 -0.39 0.00	49.48 -0.64 0.00	47.34 -0.48 0.00	47.03 -0.25 0.00	48.71 -0.26 0.00	61.76 0.40 0.00	62.27 0.12 0.00	60.85 0.23 0.00	59.68 0.25 0.00	60.10 0.97 0.00	61.70 1.90 0.00	55.08 1.80 0.00	66.57 2.08 0.00	73.33 1.58 0.00	61.22 1.53 0.00	55.92 0.98 0.00	59.15 1.10 0.00
BARRETT_IC_1 23704	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.98 2.98 -0.04	81.37 3.32 -16.69	65.62 3.46 -0.01	80.55 4.04 -15.89	94.05 4.73 -29.90	155.31 5.38 -90.80	261.60 5.77 -196.02	212.47 4.89 -154.29	241.22 4.88 -171.86	146.66 4.24 -70.66	158.43 2.80 -95.95	141.25 1.74 -84.57	180.25 1.95 -120.24
BARRETT_IC_10 23701	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.95 2.98 -0.01	68.71 3.32 -4.03	65.61 3.46 0.00	69.50 4.04 -4.83	73.37 4.73 -9.22	138.96 5.38 -74.45	198.11 5.77 -132.54	207.15 4.89 -148.98	145.59 4.88 -76.23	96.38 4.24 -20.38	107.71 2.80 -45.23	141.25 1.74 -84.57	180.25 1.95 -120.24
BARRETT_IC_11 23702	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.95 2.98 -0.01	68.71 3.32 -4.03	65.61 3.46 0.00	69.50 4.04 -4.83	73.37 4.73 -9.22	138.96 5.38 -74.45	198.11 5.77 -132.54	207.15 4.89 -148.98	145.59 4.88 -76.23	96.38 4.24 -20.38	107.71 2.80 -45.23	141.25 1.74 -84.57	180.25 1.95 -120.24
BARRETT_IC_12 23703	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.95 2.98 -0.01	68.71 3.32 -4.03	65.61 3.46 0.00	69.50 4.04 -4.83	73.37 4.73 -9.22	138.96 5.38 -74.45	198.11 5.77 -132.54	207.15 4.89 -148.98	145.59 4.88 -76.23	96.38 4.24 -20.38	107.71 2.80 -45.23	141.25 1.74 -84.57	180.25 1.95 -120.24
BARRETT_IC_2 23705	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.98 2.98 -0.04	81.37 3.32 -16.69	65.62 3.46 -0.01	80.55 4.04 -15.89	94.05 4.73 -29.90	155.31 5.38 -90.80	261.60 5.77 -196.02	212.47 4.89 -154.29	241.22 4.88 -171.86	146.66 4.24 -70.66	158.43 2.80 -95.95	141.25 1.74 -84.57	180.25 1.95 -120.24
BARRETT_IC_3 23706	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.98 2.98 -0.04	81.37 3.32 -16.69	65.62 3.46 -0.01	80.55 4.04 -15.89	94.05 4.73 -29.90	155.31 5.38 -90.80	261.60 5.77 -196.02	212.47 4.89 -154.29	241.22 4.88 -171.86	146.66 4.24 -70.66	158.43 2.80 -95.95	141.25 1.74 -84.57	180.25 1.95 -120.24
BARRETT_IC_4 23707	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.98 2.98 -0.04	81.37 3.32 -16.69	65.62 3.46 -0.01	80.55 4.04 -15.89	94.05 4.73 -29.90	155.31 5.38 -90.80	261.60 5.77 -196.02	212.47 4.89 -154.29	241.22 4.88 -171.86	146.66 4.24 -70.66	158.43 2.80 -95.95	141.25 1.74 -84.57	180.25 1.95 -120.24
BARRETT_IC_5 23708	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.98 2.98 -0.04	81.37 3.32 -16.69	65.62 3.46 -0.01	80.55 4.04 -15.89	94.05 4.73 -29.90	155.31 5.38 -90.80	261.60 5.77 -196.02	212.47 4.89 -154.29	241.22 4.88 -171.86	146.66 4.24 -70.66	158.43 2.80 -95.95	141.25 1.74 -84.57	180.25 1.95 -120.24

BARRETT_IC_6 23709	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.98 2.98 -0.04	81.37 3.32 -16.69	65.62 3.46 -0.01	80.55 4.04 -15.89	94.05 4.73 -29.90	155.31 5.38 -90.80	261.60 5.77 -196.02	212.47 4.89 -154.29	241.22 4.88 -171.86	146.66 4.24 -70.66	158.43 2.80 -95.95	141.25 1.74 -84.57	180.25 1.95 -120.24
BARRETT_IC_7 23710	45.43 2.02 0.00	47.60 2.47 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.27 1.91 0.00	54.49 1.67 0.00	54.23 1.63 0.00	52.02 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.97 2.97 -0.04	81.37 3.33 -16.69	65.63 3.47 -0.01	80.55 4.05 -15.89	94.05 4.73 -29.90	155.31 5.38 -90.80	261.60 5.77 -196.02	212.47 4.89 -154.29	241.22 4.88 -171.86	146.66 4.24 -70.66	158.46 2.82 -95.95	141.25 1.74 -84.57	180.25 1.96 -120.24
BARRETT_IC_8 23711	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.98 2.98 -0.04	81.37 3.32 -16.69	65.62 3.46 -0.01	80.55 4.04 -15.89	94.05 4.73 -29.90	155.31 5.38 -90.80	261.60 5.77 -196.02	212.47 4.89 -154.29	241.22 4.88 -171.86	146.66 4.24 -70.66	158.43 2.80 -95.95	141.25 1.74 -84.57	180.25 1.95 -120.24
BARRETT_IC_9 23700	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.95 2.98 -0.01	68.71 3.32 -4.03	65.61 3.46 0.00	69.50 4.04 -4.83	73.37 4.73 -9.22	138.96 5.38 -74.45	198.11 5.77 -132.54	207.15 4.89 -148.98	145.59 4.88 -76.23	96.38 4.24 -20.38	107.71 2.80 -45.23	141.25 1.74 -84.57	180.25 1.95 -120.24
BARRETT___1 23545	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.98 2.98 -0.04	81.37 3.32 -16.69	65.62 3.46 -0.01	80.55 4.04 -15.89	94.05 4.73 -29.90	155.31 5.38 -90.80	261.60 5.77 -196.02	212.47 4.89 -154.29	241.22 4.88 -171.86	146.66 4.24 -70.66	158.43 2.80 -95.95	141.25 1.74 -84.57	180.25 1.95 -120.24
BARRETT___2 23546	45.43 2.02 0.00	47.59 2.46 0.00	43.35 2.43 0.00	40.63 2.07 0.00	37.57 1.81 0.00	43.28 1.91 0.00	54.49 1.67 0.00	54.24 1.63 0.00	52.01 1.89 0.00	50.26 2.45 0.00	49.99 2.71 0.00	51.95 2.98 -0.01	68.71 3.32 -4.03	65.61 3.46 0.00	69.50 4.04 -4.83	73.37 4.73 -9.22	138.96 5.38 -74.45	198.11 5.77 -132.54	207.15 4.89 -148.98	145.59 4.88 -76.23	96.38 4.24 -20.38	107.71 2.80 -45.23	141.25 1.74 -84.57	180.25 1.95 -120.24
BATAVIA___115KV_TB1 55881	44.07 0.66 0.00	45.52 0.39 0.00	40.87 -0.05 0.00	38.45 -0.10 0.00	35.83 0.08 0.00	41.61 0.25 0.00	53.29 0.47 0.00	52.25 -0.35 0.00	49.38 -0.75 0.00	47.25 -0.56 0.00	47.24 -0.04 0.00	49.19 0.22 0.00	62.94 1.59 0.00	63.41 1.26 0.00	61.59 0.97 0.00	60.60 1.18 0.00	60.97 1.83 0.00	62.24 2.44 0.00	55.62 2.33 0.00	67.07 2.58 0.00	74.43 2.67 0.00	62.49 2.81 0.00	57.32 2.37 0.00	60.52 2.47 0.00
BAYONEEC___CTG1 323682	45.57 2.16 0.00	47.48 2.35 0.00	43.25 2.34 0.00	40.60 2.04 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.00 2.18 0.00	55.00 2.40 0.00	52.83 2.71 0.00	50.96 3.15 0.00	50.41 3.13 0.00	52.20 3.23 0.00	64.94 3.59 0.00	65.96 3.82 0.00	64.84 4.23 0.00	64.28 4.86 0.00	64.53 5.39 0.00	65.65 5.85 0.00	58.10 4.82 0.00	69.22 4.74 0.00	76.07 4.31 0.00	62.43 2.75 0.00	56.61 1.66 0.00	60.06 2.01 0.00
BAYONEEC___CTG10 323750	45.57 2.16 0.00	47.48 2.35 0.00	43.25 2.34 0.00	40.60 2.04 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.00 2.18 0.00	55.00 2.40 0.00	52.83 2.71 0.00	50.96 3.15 0.00	50.41 3.13 0.00	52.20 3.23 0.00	64.94 3.59 0.00	65.96 3.82 0.00	64.84 4.23 0.00	64.28 4.86 0.00	64.53 5.39 0.00	65.65 5.85 0.00	58.10 4.82 0.00	69.22 4.74 0.00	76.07 4.31 0.00	62.43 2.75 0.00	56.61 1.66 0.00	60.06 2.01 0.00
BAYONEEC___CTG2 323683	45.57 2.16 0.00	47.48 2.35 0.00	43.25 2.34 0.00	40.60 2.04 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.00 2.18 0.00	55.00 2.40 0.00	52.83 2.71 0.00	50.96 3.15 0.00	50.41 3.13 0.00	52.20 3.23 0.00	64.94 3.59 0.00	65.96 3.82 0.00	64.84 4.23 0.00	64.28 4.86 0.00	64.53 5.39 0.00	65.65 5.85 0.00	58.10 4.82 0.00	69.22 4.74 0.00	76.07 4.31 0.00	62.43 2.75 0.00	56.61 1.66 0.00	60.06 2.01 0.00
BAYONEEC___CTG3 323684	45.57 2.16 0.00	47.48 2.35 0.00	43.25 2.34 0.00	40.60 2.04 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.00 2.18 0.00	55.00 2.40 0.00	52.83 2.71 0.00	50.96 3.15 0.00	50.41 3.13 0.00	52.20 3.23 0.00	64.94 3.59 0.00	65.96 3.82 0.00	64.84 4.23 0.00	64.28 4.86 0.00	64.53 5.39 0.00	65.65 5.85 0.00	58.10 4.82 0.00	69.22 4.74 0.00	76.07 4.31 0.00	62.43 2.75 0.00	56.61 1.66 0.00	60.06 2.01 0.00
BAYONEEC___CTG4 323685	45.57 2.16 0.00	47.48 2.35 0.00	43.25 2.34 0.00	40.60 2.04 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.00 2.18 0.00	55.00 2.40 0.00	52.83 2.71 0.00	50.96 3.15 0.00	50.41 3.13 0.00	52.20 3.23 0.00	64.94 3.59 0.00	65.96 3.82 0.00	64.84 4.23 0.00	64.28 4.86 0.00	64.53 5.39 0.00	65.65 5.85 0.00	58.10 4.82 0.00	69.22 4.74 0.00	76.07 4.31 0.00	62.43 2.75 0.00	56.61 1.66 0.00	60.06 2.01 0.00
BAYONEEC___CTG5 323686	45.57 2.16 0.00	47.48 2.35 0.00	43.25 2.34 0.00	40.60 2.04 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.00 2.18 0.00	55.00 2.40 0.00	52.83 2.71 0.00	50.96 3.15 0.00	50.41 3.13 0.00	52.20 3.23 0.00	64.94 3.59 0.00	65.96 3.82 0.00	64.84 4.23 0.00	64.28 4.86 0.00	64.53 5.39 0.00	65.65 5.85 0.00	58.10 4.82 0.00	69.22 4.74 0.00	76.07 4.31 0.00	62.43 2.75 0.00	56.61 1.66 0.00	60.06 2.01 0.00
BAYONEEC___CTG6 323687	45.57 2.16 0.00	47.48 2.35 0.00	43.25 2.34 0.00	40.60 2.04 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.00 2.18 0.00	55.00 2.40 0.00	52.83 2.71 0.00	50.96 3.15 0.00	50.41 3.13 0.00	52.20 3.23 0.00	64.94 3.59 0.00	65.96 3.82 0.00	64.84 4.23 0.00	64.28 4.86 0.00	64.53 5.39 0.00	65.65 5.85 0.00	58.10 4.82 0.00	69.22 4.74 0.00	76.07 4.31 0.00	62.43 2.75 0.00	56.61 1.66 0.00	60.06 2.01 0.00
BAYONEEC___CTG7 323688	45.57 2.16 0.00	47.48 2.35 0.00	43.25 2.34 0.00	40.60 2.04 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.00 2.18 0.00	55.00 2.40 0.00	52.83 2.71 0.00	50.96 3.15 0.00	50.41 3.13 0.00	52.20 3.23 0.00	64.94 3.59 0.00	65.96 3.82 0.00	64.84 4.23 0.00	64.28 4.86 0.00	64.53 5.39 0.00	65.65 5.85 0.00	58.10 4.82 0.00	69.22 4.74 0.00	76.07 4.31 0.00	62.43 2.75 0.00	56.61 1.66 0.00	60.06 2.01 0.00

BAYONEEC___CTG8 323689	45.57 2.16 0.00	47.48 2.35 0.00	43.25 2.34 0.00	40.60 2.04 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.00 2.18 0.00	55.00 2.40 0.00	52.83 2.71 0.00	50.96 3.15 0.00	50.41 3.13 0.00	52.20 3.23 0.00	64.94 3.59 0.00	65.96 3.82 0.00	64.84 4.23 0.00	64.28 4.86 0.00	64.53 5.39 0.00	65.65 5.85 0.00	58.10 4.82 0.00	69.22 4.74 0.00	76.07 4.31 0.00	62.43 2.75 0.00	56.61 1.66 0.00	60.06 2.01 0.00
BAYONEEC___CTG9 323749	45.57 2.16 0.00	47.48 2.35 0.00	43.25 2.34 0.00	40.60 2.04 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.00 2.18 0.00	55.00 2.40 0.00	52.83 2.71 0.00	50.96 3.15 0.00	50.41 3.13 0.00	52.20 3.23 0.00	64.94 3.59 0.00	65.96 3.82 0.00	64.84 4.23 0.00	64.28 4.86 0.00	64.53 5.39 0.00	65.65 5.85 0.00	58.10 4.82 0.00	69.22 4.74 0.00	76.07 4.31 0.00	62.43 2.75 0.00	56.61 1.66 0.00	60.06 2.01 0.00
BEACON___LESR 323632	44.19 0.78 0.00	46.10 0.97 0.00	41.98 1.07 0.00	39.51 0.96 0.00	36.67 0.92 0.00	42.46 1.09 0.00	53.87 1.05 0.00	53.61 1.01 0.00	51.22 1.10 0.00	49.04 1.22 0.00	48.29 1.01 0.00	49.98 1.02 0.00	62.35 1.00 0.00	63.13 0.98 0.00	61.99 1.37 0.00	61.03 1.61 0.00	60.97 1.83 0.00	62.09 2.29 0.00	55.34 2.05 0.00	66.49 2.01 0.00	73.51 1.75 0.00	60.60 0.91 0.00	55.42 0.48 0.00	58.19 0.14 0.00
BEAVER RIVER___HYD 24048	45.28 1.87 0.00	46.96 1.83 0.00	42.42 1.51 0.00	39.88 1.33 0.00	37.07 1.32 0.00	43.01 1.65 0.00	55.12 2.30 0.00	54.86 2.26 0.00	51.76 1.63 0.00	48.55 0.74 0.00	47.76 0.48 0.00	49.30 0.34 0.00	61.43 0.07 0.00	62.09 -0.06 0.00	60.45 -0.17 0.00	59.26 -0.17 0.00	59.02 -0.11 0.00	59.84 0.04 0.00	53.81 0.53 0.00	66.25 1.77 0.00	75.42 3.66 0.00	63.23 3.54 0.00	58.32 3.37 0.00	61.28 3.23 0.00
BEEBEE_GT_13 23619	43.63 0.22 0.00	45.16 0.03 0.00	40.70 -0.21 0.00	38.30 -0.25 0.00	35.62 -0.13 0.00	41.28 -0.09 0.00	52.80 -0.02 0.00	52.16 -0.45 0.00	49.61 -0.52 0.00	47.50 -0.31 0.00	47.40 0.12 0.00	49.26 0.30 0.00	62.62 1.26 0.00	63.19 1.04 0.00	61.47 0.84 0.00	60.37 0.95 0.00	60.53 1.40 0.00	61.58 1.78 0.00	54.93 1.65 0.00	66.28 1.79 0.00	73.41 1.65 0.00	61.35 1.66 0.00	56.26 1.31 0.00	59.25 1.20 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.21 2.80 0.00	48.01 2.88 0.00	43.74 2.83 0.00	41.02 2.47 0.00	38.02 2.27 0.00	43.86 2.50 0.00	55.52 2.70 0.00	55.59 2.99 0.00	53.46 3.33 0.00	51.55 3.74 0.00	51.02 3.74 0.00	52.77 3.80 0.00	65.59 4.23 0.00	66.71 4.56 0.00	65.71 5.08 0.00	65.21 5.78 0.00	65.47 6.34 0.00	66.61 6.81 0.00	58.87 5.58 0.00	70.05 5.56 -0.01	76.88 5.11 -0.01	63.13 3.44 -0.01	57.22 2.28 0.00	60.64 2.72 0.13
BETHLEHEM___GRP 23843	43.56 0.15 0.00	45.41 0.28 0.00	41.41 0.49 0.00	39.02 0.47 0.00	36.19 0.43 0.00	41.78 0.41 0.00	52.97 0.15 0.00	52.74 0.13 0.00	50.39 0.26 0.00	48.25 0.43 0.00	47.48 0.20 0.00	49.09 0.13 0.00	61.26 -0.09 0.00	62.08 -0.07 0.00	60.88 0.26 0.00	59.94 0.52 0.00	59.72 0.59 0.00	60.72 0.92 0.00	54.16 0.87 0.00	65.03 0.55 0.00	72.08 0.32 0.00	59.51 -0.18 0.00	54.28 -0.67 0.00	57.27 -0.78 0.00
BETHLEHEM___GS1 323560	43.56 0.15 0.00	45.41 0.28 0.00	41.41 0.49 0.00	39.02 0.47 0.00	36.19 0.43 0.00	41.78 0.41 0.00	52.97 0.15 0.00	52.74 0.13 0.00	50.39 0.26 0.00	48.25 0.43 0.00	47.48 0.20 0.00	49.09 0.13 0.00	61.26 -0.09 0.00	62.08 -0.07 0.00	60.88 0.27 0.00	59.94 0.52 0.00	59.72 0.59 0.00	60.72 0.92 0.00	54.16 0.88 0.00	65.03 0.55 0.00	72.08 0.32 0.00	59.51 -0.18 0.00	54.28 -0.67 0.00	57.27 -0.78 0.00
BETHLEHEM___GS2 323561	43.56 0.15 0.00	45.41 0.28 0.00	41.41 0.49 0.00	39.02 0.47 0.00	36.19 0.43 0.00	41.78 0.41 0.00	52.97 0.15 0.00	52.74 0.13 0.00	50.39 0.26 0.00	48.25 0.43 0.00	47.48 0.20 0.00	49.09 0.13 0.00	61.26 -0.09 0.00	62.08 -0.07 0.00	60.88 0.27 0.00	59.94 0.52 0.00	59.72 0.59 0.00	60.72 0.92 0.00	54.16 0.88 0.00	65.03 0.55 0.00	72.08 0.32 0.00	59.51 -0.18 0.00	54.28 -0.67 0.00	57.27 -0.78 0.00
BETHLEHEM___GS3 323562	43.56 0.15 0.00	45.41 0.28 0.00	41.41 0.49 0.00	39.02 0.47 0.00	36.19 0.43 0.00	41.78 0.41 0.00	52.97 0.15 0.00	52.74 0.13 0.00	50.39 0.26 0.00	48.25 0.43 0.00	47.48 0.20 0.00	49.09 0.13 0.00	61.26 -0.09 0.00	62.08 -0.07 0.00	60.88 0.27 0.00	59.94 0.52 0.00	59.72 0.59 0.00	60.72 0.92 0.00	54.16 0.88 0.00	65.03 0.55 0.00	72.08 0.32 0.00	59.51 -0.18 0.00	54.28 -0.67 0.00	57.27 -0.78 0.00
BETHLEHEM___STEEL 23779	43.18 -0.23 0.00	44.62 -0.51 0.00	40.09 -0.83 0.00	37.73 -0.82 0.00	35.20 -0.56 0.00	40.78 -0.59 0.00	52.18 -0.64 0.00	51.20 -1.41 0.00	48.50 -1.63 0.00	46.58 -1.23 0.00	46.75 -0.53 0.00	48.63 -0.33 0.00	62.04 0.69 0.00	62.30 0.15 0.00	60.74 0.12 0.00	59.67 0.24 0.00	60.00 0.87 0.00	61.22 1.42 0.00	54.60 1.32 0.00	65.97 1.49 0.00	72.71 0.95 0.00	60.99 1.30 0.00	56.02 1.08 0.00	59.26 1.21 0.00
BETHLHEM_115KV_TB1 79974	43.65 0.24 0.00	45.54 0.40 0.00	41.52 0.60 0.00	39.12 0.57 0.00	36.28 0.53 0.00	41.89 0.52 0.00	53.10 0.28 0.00	52.86 0.25 0.00	50.51 0.39 0.00	48.36 0.55 0.00	47.61 0.33 0.00	49.22 0.26 0.00	61.44 0.08 0.00	62.26 0.11 0.00	61.04 0.42 0.00	60.11 0.69 0.00	59.89 0.77 0.00	60.88 1.08 0.00	54.29 1.01 0.00	65.19 0.71 0.00	72.26 0.50 0.00	59.67 -0.02 0.00	54.44 -0.51 0.00	57.45 -0.61 0.00
BETHPAGE_CC_5 323564	45.53 2.12 0.00	47.64 2.51 0.00	43.45 2.54 0.00	40.73 2.17 0.00	37.64 1.89 0.00	43.33 1.96 0.00	54.53 1.71 0.00	54.34 1.74 0.00	51.61 1.94 0.46	49.77 2.52 0.56	50.10 2.82 0.00	59.07 3.12 -6.98	67.52 3.54 -2.62	67.99 3.75 -2.10	69.96 4.39 -4.95	71.78 5.21 -7.14	152.55 5.87 -87.54	275.72 6.48 -209.44	207.83 5.43 -149.12	121.30 5.39 -51.42	84.58 4.65 -8.17	65.04 2.93 -2.43	58.88 1.68 -2.25	51.37 1.87 8.55
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.24 -0.16 0.00	44.68 -0.46 0.00	40.14 -0.78 0.00	37.78 -0.78 0.00	35.23 -0.52 0.00	40.83 -0.54 0.00	52.24 -0.58 0.00	51.29 -1.32 0.00	48.61 -1.51 0.00	46.71 -1.10 0.00	46.87 -0.41 0.00	48.76 -0.20 0.00	62.20 0.84 0.00	62.46 0.31 0.00	60.89 0.27 0.00	59.82 0.40 0.00	60.16 1.03 0.00	61.39 1.59 0.00	54.74 1.46 0.00	66.14 1.66 0.00	72.88 1.12 0.00	61.11 1.42 0.00	56.12 1.17 0.00	59.35 1.30 0.00
BINGHAMTON___COGEN 23790	43.92 0.51 0.00	45.53 0.40 0.00	41.27 0.36 0.00	38.86 0.30 0.00	36.15 0.39 0.00	41.76 0.40 0.00	53.11 0.29 0.00	52.83 0.22 0.00	50.31 0.19 0.00	48.25 0.43 0.00	47.74 0.46 0.00	49.38 0.42 0.00	62.03 0.68 0.00	62.78 0.63 0.00	61.40 0.78 0.00	60.38 0.95 0.00	60.45 1.32 0.00	61.65 1.85 0.00	54.91 1.63 0.00	66.34 1.86 0.00	73.16 1.40 0.00	60.79 1.10 0.00	55.54 0.59 0.00	58.69 0.64 0.00

BIXINCNT_115KV_LOAD 355685	43.61 0.20 0.00	45.01 -0.12 0.00	40.40 -0.52 0.00	38.08 -0.47 0.00	35.49 -0.27 0.00	41.12 -0.25 0.00	52.63 -0.19 0.00	51.82 -0.78 0.00	49.17 -0.95 0.00	47.26 -0.55 0.00	47.32 0.04 0.00	49.17 0.20 0.00	62.57 1.21 0.00	62.84 0.69 0.00	61.27 0.65 0.00	60.20 0.78 0.00	60.51 1.38 0.00	61.85 2.04 0.00	55.05 1.77 0.00	66.51 2.03 0.00	73.20 1.44 0.00	61.29 1.60 0.00	56.20 1.26 0.00	59.58 1.53 0.00
BLACK RIVER___HYD 24047	45.83 2.42 0.00	47.48 2.35 0.00	42.87 1.96 0.00	40.30 1.74 0.00	37.47 1.72 0.00	43.49 2.12 0.00	55.69 2.87 0.00	55.42 2.81 0.00	52.21 2.09 0.00	49.02 1.20 0.00	48.37 1.09 0.00	49.74 0.78 0.00	61.93 0.57 0.00	62.40 0.25 0.00	60.61 -0.01 0.00	59.46 0.03 0.00	59.27 0.14 0.00	60.40 0.60 0.00	54.48 1.20 0.00	67.43 2.95 0.00	76.92 5.17 0.00	64.50 4.81 0.00	59.32 4.37 0.00	62.15 4.10 0.00
BLACKRVR_115KV_TB2 79977	45.84 2.43 0.00	47.48 2.35 0.00	42.87 1.96 0.00	40.29 1.74 0.00	37.47 1.72 0.00	43.49 2.13 0.00	55.69 2.88 0.00	55.42 2.82 0.00	52.21 2.09 0.00	49.02 1.20 0.00	48.37 1.10 0.00	49.75 0.78 0.00	61.93 0.57 0.00	62.40 0.25 0.00	60.61 -0.01 0.00	59.45 0.03 0.00	59.27 0.14 0.00	60.40 0.60 0.00	54.48 1.20 0.00	67.43 2.94 0.00	76.92 5.17 0.00	64.50 4.81 0.00	59.32 4.37 0.00	62.15 4.09 0.00
BLDWN_LI_69_KV_BK4 356085	45.94 2.53 0.00	48.02 2.89 0.00	43.72 2.80 0.00	40.95 2.39 0.00	37.86 2.10 0.00	43.61 2.25 0.00	54.97 2.15 0.00	54.79 2.18 0.00	52.54 2.42 0.00	50.78 2.97 0.00	50.53 3.25 0.00	52.58 3.60 -0.01	69.93 4.15 -4.41	66.35 4.20 0.00	70.64 4.84 -5.18	74.89 5.60 -9.87	151.91 6.21 -86.56	273.55 6.69 -207.06	208.12 5.68 -149.15	149.69 5.95 -79.25	99.06 5.34 -21.96	89.38 3.73 -25.96	81.12 2.43 -23.75	87.60 2.60 -26.95
BLISS_WT_PWR 323608	43.59 0.18 0.00	44.97 -0.16 0.00	40.35 -0.56 0.00	38.06 -0.49 0.00	35.47 -0.29 0.00	41.10 -0.26 0.00	52.62 -0.20 0.00	51.83 -0.78 0.00	49.19 -0.94 0.00	47.29 -0.52 0.00	47.35 0.07 0.00	49.19 0.22 0.00	62.62 1.26 0.00	62.87 0.72 0.00	61.31 0.69 0.00	60.22 0.79 0.00	60.52 1.39 0.00	61.87 2.07 0.00	55.05 1.77 0.00	66.52 2.03 0.00	73.21 1.45 0.00	61.29 1.61 0.00	56.20 1.25 0.00	59.59 1.54 0.00
BLUESTONE___WT_PWR 323821	46.05 2.64 0.00	47.69 2.56 0.00	43.20 2.29 0.00	40.66 2.10 0.00	37.82 2.06 0.00	43.77 2.40 0.00	55.65 2.83 0.00	55.40 2.79 0.00	52.90 2.78 0.00	50.69 2.88 0.00	50.17 2.89 0.00	51.81 2.85 0.00	65.05 3.70 0.00	66.01 3.86 0.00	64.51 3.89 0.00	63.48 4.05 0.00	63.60 4.47 0.00	65.00 5.20 0.00	58.17 4.89 0.00	70.33 5.85 0.00	77.74 5.98 0.00	64.48 4.79 0.00	58.67 3.73 0.00	61.68 3.62 0.00
BLUE_CIRC_CHEM_DRP 24182	43.49 0.08 0.00	45.95 0.82 0.00	41.91 1.00 0.00	39.54 0.99 0.00	36.65 0.89 0.00	42.33 0.97 0.00	53.66 0.84 0.00	53.32 0.71 0.00	50.80 0.68 0.00	48.66 0.84 0.00	47.85 0.58 0.00	49.27 0.31 0.00	61.41 0.05 0.00	61.34 -0.81 0.00	60.17 -0.45 0.00	59.18 -0.25 0.00	58.92 -0.21 0.00	59.90 0.09 0.00	53.52 0.24 0.00	64.38 -0.10 0.00	71.44 -0.32 0.00	59.06 -0.63 0.00	53.93 -1.02 0.00	56.89 -1.17 0.00
BOC_GAS_DRP 24189	43.86 0.45 0.00	45.77 0.64 0.00	41.72 0.81 0.00	39.33 0.77 0.00	36.47 0.71 0.00	42.10 0.73 0.00	53.38 0.56 0.00	53.13 0.52 0.00	50.75 0.63 0.00	48.59 0.77 0.00	47.88 0.61 0.00	49.52 0.56 0.00	61.81 0.45 0.00	62.60 0.45 0.00	61.36 0.74 0.00	60.41 0.99 0.00	60.23 1.10 0.00	61.18 1.38 0.00	54.51 1.23 0.00	65.50 1.01 0.00	72.59 0.83 0.00	59.97 0.29 0.00	54.77 -0.18 0.00	57.86 -0.19 0.00
BOONVILLE_115KV_TB1 79983	45.02 1.61 0.00	46.70 1.57 0.00	42.26 1.35 0.00	39.79 1.23 0.00	36.94 1.19 0.00	42.82 1.45 0.00	54.71 1.89 0.00	54.52 1.92 0.00	51.72 1.60 0.00	49.08 1.27 0.00	48.39 1.11 0.00	50.06 1.10 0.00	62.55 1.20 0.00	63.42 1.27 0.00	61.95 1.33 0.00	60.85 1.43 0.00	60.67 1.54 0.00	61.50 1.70 0.00	55.20 1.92 0.00	67.20 2.72 0.00	75.27 3.51 0.00	62.68 3.00 0.00	57.53 2.59 0.00	60.53 2.48 0.00
BORALEX_4TH_BRANCH 23824	45.06 1.65 0.00	47.12 1.99 0.00	42.86 1.94 0.00	40.26 1.70 0.00	37.33 1.57 0.00	43.18 1.82 0.00	54.80 1.98 0.00	54.39 1.78 0.00	51.94 1.82 0.00	49.65 1.83 0.00	48.63 1.35 0.00	50.34 1.37 0.00	62.78 1.42 0.00	63.65 1.50 0.00	62.47 1.84 0.00	61.44 2.01 0.00	61.15 2.02 0.00	62.32 2.52 0.00	55.76 2.48 0.00	67.04 2.56 0.00	74.49 2.74 0.00	61.41 1.73 0.00	56.03 1.08 0.00	59.10 1.04 0.00
BOWLINE___1 23526	45.16 1.75 0.00	46.99 1.86 0.00	42.75 1.84 0.00	40.13 1.58 0.00	37.18 1.43 0.00	42.92 1.55 0.00	54.42 1.60 0.00	54.37 1.77 0.00	52.09 1.96 0.00	50.13 2.31 0.00	49.62 2.34 0.00	51.49 2.52 0.00	64.26 2.90 0.00	65.24 3.09 0.00	64.09 3.47 0.00	63.42 4.00 0.00	63.59 4.46 0.00	64.76 4.96 0.00	57.45 4.17 0.00	68.57 4.09 0.00	75.43 3.68 0.00	62.01 2.32 0.00	56.24 1.29 0.00	59.60 1.55 0.00
BOWLINE___2 23595	45.09 1.68 0.00	46.92 1.79 0.00	42.68 1.77 0.00	40.08 1.53 0.00	37.14 1.39 0.00	42.84 1.47 0.00	54.32 1.50 0.00	54.29 1.68 0.00	52.00 1.88 0.00	50.04 2.23 0.00	49.54 2.26 0.00	51.40 2.44 0.00	64.16 2.80 0.00	65.16 3.01 0.00	63.98 3.36 0.00	63.33 3.91 0.00	63.49 4.36 0.00	64.66 4.86 0.00	57.36 4.08 0.00	68.47 3.99 0.00	75.30 3.54 0.00	61.90 2.21 0.00	56.15 1.20 0.00	59.54 1.49 0.00
BRADY___115KV_TB2 356060	44.17 0.76 0.00	45.96 0.82 0.00	41.44 0.52 0.00	39.02 0.46 0.00	36.21 0.45 0.00	42.03 0.66 0.00	54.21 1.40 0.00	53.80 1.20 0.00	50.96 0.83 0.00	47.94 0.13 0.00	47.28 0.00 0.00	49.36 0.39 0.00	62.10 0.74 0.00	62.72 0.57 0.00	60.75 0.13 0.00	59.03 -0.39 0.00	58.52 -0.62 0.00	58.57 -1.24 0.00	52.35 -0.93 0.00	64.59 0.11 0.00	72.49 0.73 0.00	60.96 1.27 0.00	56.88 1.94 0.00	60.09 2.04 0.00
BRANSCOMB___SOLAR 323811	45.53 2.13 0.00	47.41 2.28 0.00	43.08 2.17 0.00	40.59 2.03 0.00	37.65 1.90 0.00	43.57 2.20 0.00	55.34 2.52 0.00	55.01 2.41 0.00	52.44 2.31 0.00	50.18 2.37 0.00	49.05 1.77 0.00	50.84 1.88 0.00	63.58 2.23 0.00	64.44 2.29 0.00	63.19 2.57 0.00	62.30 2.88 0.00	62.15 3.02 0.00	63.64 3.84 0.00	57.05 3.77 0.00	68.72 4.24 0.00	76.67 4.92 0.00	63.32 3.63 0.00	57.71 2.76 0.00	60.76 2.71 0.00
BRDGHMPT_69_KV_BK1 55812	47.18 3.77 0.00	49.55 4.42 0.00	45.16 4.25 0.00	42.22 3.66 0.00	38.78 3.03 0.00	44.44 3.07 0.00	55.96 3.14 0.00	55.45 2.84 0.00	52.11 3.18 1.20	50.27 4.12 1.66	52.07 4.79 0.00	305.87 5.41 -251.49	191.54 6.09 -124.09	161.37 6.41 -92.82	253.81 7.26 -185.94	293.36 8.16 -225.78	271.44 8.90 -203.41	286.63 9.73 -217.10	305.48 8.52 -243.68	274.65 8.91 -201.26	214.10 8.15 -134.19	61.98 5.87 3.58	54.21 3.92 4.66	40.77 4.00 21.28

BRENTWOD_69_KV_W. BRTWOOD 56703	45.99 2.58 0.00	48.13 3.00 0.00	43.85 2.94 0.00	41.07 2.52 0.00	37.92 2.17 0.00	43.63 2.27 0.00	54.97 2.15 0.00	54.67 2.07 0.00	50.84 2.23 1.52	48.59 2.87 2.10	50.35 3.07 0.00	109.54 3.42 -57.16	90.82 3.96 -25.50	88.46 4.08 -22.22	103.77 4.60 -38.55	113.09 5.37 -48.30	175.25 6.29 -109.82	277.76 6.86 -211.11	225.61 5.74 -166.59	144.39 5.67 -74.24	105.84 4.89 -29.19	59.30 3.35 3.73	52.97 1.98 3.96	40.35 2.31 20.01
BRISTLHL_115KV_TB1 79998	42.87 -0.54 0.00	44.46 -0.67 0.00	40.29 -0.62 0.00	37.95 -0.61 0.00	35.26 -0.50 0.00	40.75 -0.62 0.00	51.84 -0.98 0.00	51.62 -0.98 0.00	49.12 -1.00 0.00	46.84 -0.97 0.00	46.27 -1.01 0.00	47.83 -1.13 0.00	59.88 -1.48 0.00	60.66 -1.49 0.00	59.14 -1.48 0.00	58.08 -1.34 0.00	57.93 -1.20 0.00	58.85 -0.95 0.00	52.60 -0.68 0.00	63.61 -0.88 0.00	70.67 -1.09 0.00	58.95 -0.74 0.00	54.16 -0.79 0.00	57.12 -0.93 0.00
BROOKHAVEN___DRP 24191	45.94 2.53 0.00	48.12 2.99 0.00	43.84 2.93 0.00	41.03 2.47 0.00	37.84 2.09 0.00	43.51 2.15 0.00	54.81 1.99 0.00	54.50 1.89 0.00	51.04 2.10 1.18	48.98 2.79 1.63	50.42 3.15 0.00	304.23 3.54 -251.73	188.70 3.92 -123.42	158.23 4.11 -91.98	250.22 4.81 -184.78	289.57 5.68 -224.47	268.49 6.33 -203.04	283.86 7.01 -217.06	302.34 6.03 -243.03	270.87 6.09 -200.30	210.47 5.33 -133.38	59.43 3.34 3.60	52.07 1.79 4.67	38.65 1.91 21.32
BROOKLYN_NAVY_YARD 23515	45.58 2.17 0.00	47.49 2.36 0.00	43.26 2.35 0.00	40.61 2.05 0.00	37.63 1.88 0.00	43.44 2.07 0.00	55.04 2.22 0.00	55.07 2.47 0.00	52.89 2.77 0.00	51.03 3.21 0.00	50.44 3.17 0.00	52.27 3.31 0.00	65.06 3.70 0.00	66.03 3.89 0.00	64.91 4.29 0.00	64.38 4.96 0.00	64.84 5.50 -0.20	67.11 5.94 -1.37	58.19 4.91 0.00	69.31 4.83 0.00	76.17 4.41 0.00	62.54 2.86 0.00	56.70 1.76 0.00	60.11 2.06 0.00
BROOKLYN___ARMY_DRP 323595	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
BROOME_2_LFGE 323671	43.92 0.51 0.00	45.53 0.40 0.00	41.27 0.36 0.00	38.86 0.30 0.00	36.15 0.39 0.00	41.77 0.40 0.00	53.11 0.29 0.00	52.83 0.22 0.00	50.31 0.19 0.00	48.25 0.43 0.00	47.74 0.46 0.00	49.38 0.42 0.00	62.03 0.68 0.00	62.78 0.64 0.00	61.40 0.78 0.00	60.37 0.95 0.00	60.45 1.32 0.00	61.66 1.86 0.00	54.91 1.63 0.00	66.34 1.86 0.00	73.16 1.40 0.00	60.78 1.09 0.00	55.54 0.60 0.00	58.69 0.64 0.00
BROOME___LFGE 323600	43.92 0.51 0.00	45.53 0.40 0.00	41.27 0.36 0.00	38.86 0.30 0.00	36.15 0.39 0.00	41.77 0.40 0.00	53.11 0.29 0.00	52.83 0.22 0.00	50.31 0.19 0.00	48.25 0.43 0.00	47.74 0.46 0.00	49.38 0.42 0.00	62.03 0.68 0.00	62.78 0.64 0.00	61.40 0.78 0.00	60.37 0.95 0.00	60.45 1.32 0.00	61.66 1.86 0.00	54.91 1.63 0.00	66.34 1.86 0.00	73.16 1.40 0.00	60.78 1.09 0.00	55.54 0.60 0.00	58.69 0.64 0.00
BROWNFLS_115KV_TB 3_5 80003	44.44 1.03 0.00	46.15 1.02 0.00	41.65 0.74 0.00	39.19 0.63 0.00	36.42 0.67 0.00	42.28 0.91 0.00	54.34 1.52 0.00	54.08 1.48 0.00	51.11 0.98 0.00	48.02 0.21 0.00	47.25 -0.03 0.00	48.99 0.02 0.00	61.19 -0.17 0.00	61.83 -0.32 0.00	60.03 -0.60 0.00	58.57 -0.85 0.00	58.15 -0.99 0.00	58.60 -1.20 0.00	52.57 -0.72 0.00	64.67 0.19 0.00	73.24 1.48 0.00	61.56 1.87 0.00	57.20 2.25 0.00	60.32 2.27 0.00
BROWNSV1_27_KV_LOAD 356125	46.21 2.80 0.00	48.13 2.99 0.00	43.82 2.91 0.00	41.12 2.56 0.00	38.11 2.35 0.00	44.00 2.63 0.00	55.77 2.96 0.00	55.80 3.19 0.00	53.60 3.48 0.00	51.71 3.89 0.00	51.19 3.92 0.00	53.04 4.07 0.00	66.03 4.68 0.00	67.09 4.94 0.00	65.96 5.34 0.00	65.41 5.99 0.00	65.66 6.53 0.00	66.83 7.02 0.00	59.11 5.83 0.00	70.46 5.98 0.00	77.42 5.66 0.00	63.57 3.88 0.00	57.59 2.65 0.00	61.05 3.00 0.00
BURROWS___LYONSDAL 23803	45.07 1.66 0.00	46.75 1.62 0.00	42.30 1.39 0.00	39.81 1.25 0.00	36.97 1.22 0.00	42.84 1.48 0.00	54.80 1.98 0.00	54.59 1.98 0.00	51.72 1.59 0.00	48.96 1.15 0.00	48.25 0.97 0.00	49.88 0.91 0.00	62.28 0.92 0.00	63.11 0.96 0.00	61.63 1.01 0.00	60.52 1.10 0.00	60.33 1.21 0.00	61.16 1.36 0.00	54.90 1.62 0.00	67.00 2.52 0.00	75.30 3.54 0.00	62.80 3.12 0.00	57.71 2.76 0.00	60.69 2.64 0.00
CAITHNESS_CC_1 323624	45.86 2.45 0.00	48.04 2.91 0.00	43.77 2.86 0.00	40.98 2.42 0.00	37.80 2.05 0.00	43.47 2.11 0.00	54.76 1.94 0.00	54.44 1.84 0.00	51.00 2.03 1.16	48.91 2.70 1.60	50.34 3.06 0.00	304.38 3.44 -251.98	187.93 3.82 -122.75	157.27 3.99 -91.13	248.93 4.68 -183.63	288.12 5.54 -223.15	267.97 6.17 -202.66	283.65 6.84 -217.01	301.50 5.83 -242.39	269.65 5.84 -199.33	209.41 5.08 -132.57	59.19 3.13 3.62	51.90 1.65 4.69	38.49 1.78 21.34
CALPINE BETH_PAGE_GT4 24209	45.47 2.06 0.00	47.57 2.44 0.00	43.44 2.53 0.00	40.71 2.15 0.00	37.64 1.89 0.00	43.32 1.96 0.00	54.45 1.63 0.00	54.28 1.68 0.00	51.95 1.90 0.08	50.29 2.47 0.00	50.05 2.77 0.00	57.27 3.08 -5.22	67.41 3.49 -2.55	67.41 3.71 -1.55	69.51 4.34 -4.55	71.57 5.16 -6.98	152.08 5.81 -87.15	275.69 6.41 -209.49	207.57 5.39 -148.91	124.41 5.36 -54.57	86.00 4.63 -9.61	68.12 2.95 -5.48	61.88 1.66 -5.27	56.93 1.85 2.97
CALPINE_BETH_PAGE_GT_4 323586	45.47 2.06 0.00	47.57 2.44 0.00	43.44 2.53 0.00	40.71 2.15 0.00	37.64 1.89 0.00	43.32 1.95 0.00	54.45 1.63 0.00	54.28 1.68 0.00	51.94 1.90 0.08	50.28 2.47 0.00	50.05 2.77 0.00	57.26 3.08 -5.22	67.41 3.49 -2.55	67.41 3.70 -1.55	69.51 4.34 -4.55	71.57 5.16 -6.98	152.09 5.81 -87.15	275.68 6.40 -209.49	207.57 5.39 -148.91	124.41 5.35 -54.57	86.00 4.63 -9.61	68.08 2.91 -5.48	61.88 1.66 -5.27	56.91 1.83 2.97
CALPINE_BP_GT1 23823	45.47 2.06 0.00	47.57 2.44 0.00	43.44 2.53 0.00	40.71 2.15 0.00	37.64 1.89 0.00	43.32 1.95 0.00	54.45 1.63 0.00	54.28 1.68 0.00	51.94 1.90 0.08	50.28 2.47 0.00	50.05 2.77 0.00	57.26 3.08 -5.22	67.41 3.49 -2.55	67.41 3.70 -1.55	69.51 4.34 -4.55	71.57 5.16 -6.98	152.09 5.81 -87.15	275.68 6.40 -209.49	207.57 5.39 -148.91	124.41 5.35 -54.57	86.00 4.63 -9.61	68.08 2.91 -5.48	61.88 1.66 -5.27	56.91 1.83 2.97
CALSPAN___DRP 24200	43.18 -0.23 0.00	44.62 -0.51 0.00	40.09 -0.83 0.00	37.73 -0.82 0.00	35.20 -0.56 0.00	40.78 -0.59 0.00	52.18 -0.64 0.00	51.20 -1.41 0.00	48.50 -1.63 0.00	46.58 -1.23 0.00	46.75 -0.53 0.00	48.63 -0.33 0.00	62.04 0.69 0.00	62.30 0.15 0.00	60.74 0.12 0.00	59.67 0.24 0.00	60.00 0.87 0.00	61.22 1.42 0.00	54.60 1.32 0.00	65.97 1.49 0.00	72.71 0.95 0.00	60.99 1.30 0.00	56.02 1.08 0.00	59.26 1.21 0.00

CALVERTON___SOLAR 323806	46.08 2.67 0.00	48.27 3.14 0.00	43.98 3.06 0.00	41.14 2.59 0.00	37.94 2.19 0.00	43.61 2.24 0.00	54.92 2.11 0.00	54.59 1.98 0.00	51.14 2.20 1.19	49.08 2.91 1.64	50.59 3.31 0.00	304.43 3.73 -251.74	189.19 4.12 -123.71	158.79 4.33 -92.32	250.97 5.08 -185.27	290.43 5.98 -225.02	268.97 6.62 -203.22	284.20 7.32 -217.08	302.92 6.34 -243.30	271.64 6.46 -200.70	211.18 5.70 -133.72	59.72 3.63 3.59	52.34 2.07 4.67	38.88 2.14 21.31
CANDIGU_WT_PWR 323617	43.79 0.38 0.00	45.24 0.11 0.00	40.80 -0.11 0.00	38.35 -0.21 0.00	35.81 0.06 0.00	41.46 0.10 0.00	52.81 -0.01 0.00	52.22 -0.39 0.00	49.48 -0.64 0.00	47.34 -0.48 0.00	47.03 -0.25 0.00	48.71 -0.26 0.00	61.76 0.40 0.00	62.27 0.12 0.00	60.85 0.23 0.00	59.68 0.25 0.00	60.10 0.97 0.00	61.70 1.90 0.00	55.08 1.80 0.00	66.57 2.08 0.00	73.33 1.58 0.00	61.22 1.53 0.00	55.92 0.98 0.00	59.15 1.10 0.00
CARR STREET_E_SYR 24060	43.26 -0.15 0.00	44.86 -0.27 0.00	40.64 -0.27 0.00	38.28 -0.28 0.00	35.56 -0.20 0.00	41.11 -0.26 0.00	52.34 -0.48 0.00	52.14 -0.46 0.00	49.63 -0.49 0.00	47.38 -0.43 0.00	46.83 -0.45 0.00	48.29 -0.67 0.00	60.52 -0.83 0.00	61.32 -0.83 0.00	59.79 -0.83 0.00	58.71 -0.72 0.00	58.60 -0.53 0.00	59.57 -0.23 0.00	53.21 -0.07 0.00	64.25 -0.23 0.00	71.29 -0.47 0.00	59.35 -0.33 0.00	54.45 -0.50 0.00	57.42 -0.63 0.00
CARTHAGE___PAPER 23857	45.79 2.38 0.00	47.46 2.33 0.00	42.84 1.93 0.00	40.28 1.72 0.00	37.44 1.69 0.00	43.47 2.10 0.00	55.71 2.90 0.00	55.44 2.84 0.00	52.11 1.98 0.00	48.47 0.66 0.00	47.50 0.23 0.00	48.98 0.01 0.00	60.94 -0.42 0.00	61.55 -0.60 0.00	59.85 -0.77 0.00	58.73 -0.69 0.00	58.51 -0.62 0.00	59.40 -0.40 0.00	53.55 0.27 0.00	66.32 1.84 0.00	76.56 4.80 0.00	64.22 4.53 0.00	59.18 4.24 0.00	62.08 4.03 0.00
CASSADAGA_WT_PWR 323784	44.43 1.02 0.00	45.80 0.67 0.00	41.15 0.24 0.00	38.64 0.08 0.00	36.08 0.32 0.00	41.82 0.45 0.00	53.58 0.76 0.00	52.83 0.23 0.00	50.05 -0.07 0.00	48.05 0.23 0.00	48.27 1.00 0.00	50.26 1.30 0.00	63.83 2.47 0.00	64.12 1.97 0.00	62.66 2.03 0.00	61.64 2.22 0.00	62.04 2.91 0.00	63.56 3.76 0.00	56.54 3.26 0.00	68.30 3.82 0.00	74.91 3.15 0.00	62.74 3.05 0.00	57.38 2.43 0.00	60.73 2.68 0.00
CE_DUNWOOD___DRP 24194	45.43 2.02 0.00	47.28 2.15 0.00	43.04 2.13 0.00	40.41 1.85 0.00	37.44 1.69 0.00	43.21 1.85 0.00	54.78 1.96 0.00	54.74 2.13 0.00	52.49 2.36 0.00	50.55 2.73 0.00	50.04 2.76 0.00	51.88 2.92 0.00	64.66 3.30 0.00	65.68 3.53 0.00	64.54 3.92 0.00	63.92 4.50 0.00	64.12 4.99 0.00	65.28 5.48 0.00	57.88 4.60 0.00	69.06 4.58 0.00	75.95 4.19 0.00	62.40 2.71 0.00	56.57 1.62 0.00	59.94 1.88 0.00
CE_MILLWOOD___DRP 24193	45.33 1.92 0.00	47.18 2.05 0.00	42.95 2.03 0.00	40.32 1.76 0.00	37.35 1.60 0.00	43.12 1.76 0.00	54.65 1.84 0.00	54.62 2.02 0.00	52.36 2.23 0.00	50.40 2.58 0.00	49.88 2.60 0.00	51.72 2.76 0.00	64.48 3.13 0.00	65.51 3.36 0.00	64.35 3.73 0.00	63.72 4.30 0.00	63.91 4.78 0.00	65.06 5.26 0.00	57.71 4.43 0.00	68.88 4.40 0.00	75.75 3.99 0.00	62.25 2.57 0.00	56.46 1.51 0.00	59.82 1.76 0.00
CE_NYC2_DRP 24202	45.58 2.17 0.00	47.48 2.35 0.00	43.32 2.41 0.00	40.66 2.10 0.00	37.68 1.92 0.00	43.49 2.13 0.00	55.07 2.25 0.00	55.14 2.53 0.00	52.96 2.84 0.00	51.07 3.26 0.00	50.47 3.19 0.00	52.20 3.24 0.00	64.84 3.49 0.00	65.89 3.74 0.00	64.82 4.20 0.00	64.27 4.84 0.00	64.49 5.36 0.00	65.57 5.77 0.00	58.02 4.73 0.00	69.01 4.54 0.00	70.57 4.03 5.21	52.83 2.53 9.39	52.02 1.46 4.38	53.81 1.86 6.10
CE_NYC_DRP 24195	45.65 2.24 0.00	47.56 2.42 0.00	43.32 2.40 0.00	40.65 2.10 0.00	37.68 1.92 0.00	43.51 2.14 0.00	55.11 2.30 0.00	55.15 2.54 0.00	52.98 2.85 0.00	51.08 3.27 0.00	50.55 3.27 0.00	52.37 3.40 0.00	65.17 3.81 0.00	66.19 4.04 0.00	65.08 4.46 0.00	64.52 5.09 0.00	64.76 5.63 0.00	65.88 6.08 0.00	58.31 5.03 0.00	69.45 4.97 0.00	76.32 4.56 0.00	62.64 2.96 0.00	56.77 1.82 0.00	60.22 2.17 0.00
CHAFFEE___LFGE 323603	43.32 -0.09 0.00	44.75 -0.38 0.00	40.20 -0.72 0.00	37.82 -0.73 0.00	35.30 -0.46 0.00	40.89 -0.47 0.00	52.31 -0.50 0.00	51.39 -1.22 0.00	48.70 -1.43 0.00	46.78 -1.03 0.00	46.95 -0.33 0.00	48.85 -0.11 0.00	62.31 0.96 0.00	62.60 0.46 0.00	61.00 0.38 0.00	59.89 0.47 0.00	60.26 1.13 0.00	61.54 1.74 0.00	54.85 1.57 0.00	66.29 1.81 0.00	73.04 1.28 0.00	61.26 1.57 0.00	56.22 1.27 0.00	59.43 1.38 0.00
CHATEAUG_35_KV_LOAD 355732	43.18 -0.23 0.00	45.07 -0.06 0.00	40.66 -0.25 0.00	38.31 -0.25 0.00	35.52 -0.24 0.00	41.26 -0.10 0.00	53.09 0.27 0.00	52.50 -0.10 0.00	49.73 -0.39 0.00	47.17 -0.64 0.00	46.85 -0.43 0.00	48.55 -0.42 0.00	61.01 -0.35 0.00	61.51 -0.64 0.00	59.70 -0.92 0.00	58.19 -1.24 0.00	57.67 -1.47 0.00	57.82 -1.98 0.00	51.43 -1.85 0.00	62.91 -1.57 0.00	70.64 -1.12 0.00	59.28 -0.41 0.00	55.24 0.29 0.00	58.45 0.39 0.00
CHATEAUG_WT_PWR 323614	43.07 -0.34 0.00	45.00 -0.13 0.00	40.60 -0.31 0.00	38.25 -0.30 0.00	35.46 -0.29 0.00	41.21 -0.16 0.00	52.97 0.15 0.00	52.43 -0.17 0.00	49.65 -0.47 0.00	47.11 -0.70 0.00	46.78 -0.50 0.00	48.48 -0.49 0.00	60.90 -0.46 0.00	61.37 -0.78 0.00	59.57 -1.05 0.00	58.08 -1.34 0.00	57.60 -1.53 0.00	57.78 -2.02 0.00	51.40 -1.89 0.00	62.77 -1.71 0.00	70.33 -1.43 0.00	58.94 -0.75 0.00	54.96 0.01 0.00	58.22 0.17 0.00
CHAT_HIGH_FALL_HYD 323578	43.18 -0.23 0.00	45.07 -0.06 0.00	40.66 -0.25 0.00	38.31 -0.25 0.00	35.52 -0.24 0.00	41.26 -0.10 0.00	53.09 0.27 0.00	52.50 -0.10 0.00	49.73 -0.39 0.00	47.17 -0.64 0.00	46.85 -0.43 0.00	48.55 -0.42 0.00	61.01 -0.35 0.00	61.51 -0.64 0.00	59.70 -0.92 0.00	58.19 -1.24 0.00	57.67 -1.47 0.00	57.82 -1.98 0.00	51.43 -1.85 0.00	62.91 -1.57 0.00	70.64 -1.12 0.00	59.28 -0.41 0.00	55.24 0.29 0.00	58.45 0.39 0.00
CHAUTAUQUA___LFGE 323629	43.90 0.49 0.00	45.28 0.14 0.00	40.69 -0.22 0.00	38.22 -0.33 0.00	35.71 -0.04 0.00	41.39 0.02 0.00	52.96 0.14 0.00	52.17 -0.44 0.00	49.37 -0.76 0.00	47.37 -0.44 0.00	47.61 0.33 0.00	49.58 0.61 0.00	63.01 1.65 0.00	63.27 1.12 0.00	61.81 1.19 0.00	60.81 1.38 0.00	61.20 2.06 0.00	62.68 2.88 0.00	55.75 2.47 0.00	67.38 2.90 0.00	73.92 2.16 0.00	61.92 2.24 0.00	56.67 1.72 0.00	59.99 1.94 0.00
CHERRYST_13_KV_LD 356241	45.80 2.40 0.00	47.71 2.58 0.00	43.46 2.55 0.00	40.79 2.24 0.00	37.81 2.06 0.00	43.67 2.31 0.00	55.35 2.53 0.00	55.40 2.79 0.00	53.24 3.11 0.00	51.35 3.54 0.00	50.82 3.54 0.00	52.65 3.68 0.00	65.54 4.18 0.00	66.57 4.42 0.00	65.45 4.83 0.00	64.88 5.45 0.00	65.12 5.99 0.00	66.24 6.44 0.00	58.58 5.30 0.00	69.76 5.28 0.00	76.64 4.88 0.00	62.91 3.23 0.00	56.99 2.04 0.00	60.43 2.38 0.00

CHESTROR_138KV_BK263 355645	45.04 1.63 0.00	46.84 1.71 0.00	42.60 1.69 0.00	40.02 1.46 0.00	37.09 1.34 0.00	42.81 1.45 0.00	54.31 1.49 0.00	54.22 1.62 0.00	51.89 1.77 0.00	49.85 2.04 0.00	49.34 2.06 0.00	51.16 2.20 0.00	63.92 2.56 0.00	64.90 2.75 0.00	63.72 3.10 0.00	62.98 3.56 0.00	63.09 3.96 0.00	64.26 4.46 0.00	57.10 3.82 0.00	68.27 3.79 0.00	75.21 3.45 0.00	61.89 2.20 0.00	56.20 1.25 0.00	59.52 1.47 0.00
CH_MIDHUDSON___DRP 24192	45.40 2.00 0.00	47.21 2.08 0.00	42.96 2.05 0.00	40.35 1.79 0.00	37.38 1.63 0.00	43.16 1.79 0.00	54.73 1.92 0.00	54.69 2.08 0.00	52.39 2.27 0.00	50.32 2.51 0.00	49.76 2.48 0.00	51.60 2.64 0.00	64.36 3.01 0.00	65.30 3.15 0.00	64.15 3.53 0.00	63.45 4.03 0.00	63.61 4.48 0.00	64.78 4.99 0.00	57.55 4.27 0.00	68.78 4.30 0.00	75.70 3.94 0.00	62.20 2.51 0.00	56.48 1.54 0.00	59.95 1.89 0.00
CH_MISC_IPPS 23765	45.77 2.36 0.00	47.56 2.43 0.00	43.25 2.33 0.00	40.61 2.06 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.11 2.29 0.00	55.10 2.50 0.00	52.76 2.63 0.00	50.59 2.78 0.00	50.02 2.74 0.00	51.90 2.93 0.00	64.63 3.27 0.00	65.33 3.18 0.00	64.09 3.47 0.00	63.40 3.97 0.00	63.56 4.43 0.00	64.77 4.97 0.00	57.55 4.27 0.00	68.74 4.26 0.00	75.62 3.86 0.00	62.13 2.44 0.00	56.47 1.53 0.00	60.41 2.36 0.00
CH_RES_BVR_FALLS 23983	43.30 -0.11 0.00	45.04 -0.08 0.00	40.80 -0.12 0.00	38.44 -0.11 0.00	35.64 -0.11 0.00	41.27 -0.10 0.00	52.82 0.00 0.00	52.57 -0.03 0.00	50.04 -0.09 0.00	47.65 -0.16 0.00	47.12 -0.16 0.00	48.86 -0.11 0.00	61.29 -0.07 0.00	62.03 -0.12 0.00	60.43 -0.19 0.00	59.12 -0.30 0.00	58.76 -0.37 0.00	59.28 -0.52 0.00	52.77 -0.51 0.00	64.05 -0.43 0.00	71.44 -0.33 0.00	59.55 -0.14 0.00	55.03 0.08 0.00	58.16 0.11 0.00
CH_RES_NIAGARA 23895	41.98 -1.43 0.00	43.45 -1.68 0.00	39.04 -1.87 0.00	36.78 -1.77 0.00	34.27 -1.48 0.00	39.69 -1.68 0.00	50.83 -1.99 0.00	49.64 -2.97 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.03 -1.93 0.00	60.18 -1.18 0.00	60.34 -1.81 0.00	58.76 -1.86 0.00	57.66 -1.76 0.00	57.98 -1.15 0.00	59.01 -0.79 0.00	52.42 -0.86 0.00	63.25 -1.23 0.00	69.89 -1.87 0.00	58.80 -0.89 0.00	54.23 -0.72 0.00	57.39 -0.66 0.00
CH_RES_SYRACUSE 23985	43.52 0.11 0.00	45.13 0.00 0.00	40.88 -0.03 0.00	38.51 -0.05 0.00	35.76 0.00 0.00	41.34 -0.03 0.00	52.63 -0.19 0.00	52.43 -0.17 0.00	49.89 -0.24 0.00	47.57 -0.24 0.00	47.03 -0.25 0.00	48.59 -0.38 0.00	60.99 -0.37 0.00	61.79 -0.37 0.00	60.28 -0.34 0.00	59.16 -0.26 0.00	59.03 -0.10 0.00	60.02 0.22 0.00	53.66 0.38 0.00	64.86 0.38 0.00	72.00 0.24 0.00	59.95 0.27 0.00	54.99 0.04 0.00	58.02 -0.03 0.00
CLINTON_WT_PWR 323605	43.07 -0.34 0.00	45.00 -0.13 0.00	40.60 -0.31 0.00	38.25 -0.30 0.00	35.46 -0.29 0.00	41.21 -0.16 0.00	52.97 0.15 0.00	52.43 -0.17 0.00	49.65 -0.47 0.00	47.11 -0.70 0.00	46.78 -0.50 0.00	48.48 -0.49 0.00	60.90 -0.46 0.00	61.37 -0.78 0.00	59.57 -1.05 0.00	58.08 -1.34 0.00	57.60 -1.53 0.00	57.78 -2.02 0.00	51.40 -1.89 0.00	62.77 -1.71 0.00	70.33 -1.43 0.00	58.94 -0.75 0.00	54.96 0.01 0.00	58.22 0.17 0.00
CLINTON___LFGE 323618	43.27 -0.14 0.00	45.31 0.18 0.00	40.86 -0.05 0.00	38.48 -0.07 0.00	35.66 -0.09 0.00	41.52 0.16 0.00	53.31 0.49 0.00	52.49 -0.11 0.00	49.53 -0.60 0.00	46.99 -0.83 0.00	46.87 -0.41 0.00	48.50 -0.47 0.00	60.86 -0.49 0.00	61.11 -1.04 0.00	59.33 -1.29 0.00	57.93 -1.49 0.00	57.49 -1.64 0.00	57.71 -2.09 0.00	51.35 -1.93 0.00	62.87 -1.61 0.00	70.49 -1.26 0.00	59.22 -0.46 0.00	55.22 0.28 0.00	58.59 0.54 0.00
COBBLENY_34_KV_TB1 80064	43.33 -0.08 0.00	44.75 -0.38 0.00	40.19 -0.72 0.00	37.82 -0.73 0.00	35.30 -0.46 0.00	40.90 -0.47 0.00	52.32 -0.50 0.00	51.38 -1.22 0.00	48.70 -1.43 0.00	46.78 -1.03 0.00	46.95 -0.33 0.00	48.85 -0.12 0.00	62.32 0.96 0.00	62.61 0.46 0.00	61.00 0.38 0.00	59.90 0.48 0.00	60.27 1.14 0.00	61.54 1.74 0.00	54.85 1.57 0.00	66.28 1.80 0.00	73.04 1.28 0.00	61.25 1.56 0.00	56.22 1.28 0.00	59.43 1.38 0.00
COFFEEN___115KV_TB3 355620	46.12 2.71 0.00	47.75 2.62 0.00	43.11 2.20 0.00	40.53 1.97 0.00	37.68 1.93 0.00	43.74 2.38 0.00	56.01 3.19 0.00	55.73 3.12 0.00	52.51 2.38 0.00	49.37 1.56 0.00	48.76 1.49 0.00	50.10 1.13 0.00	62.28 0.92 0.00	62.67 0.52 0.00	60.82 0.20 0.00	59.66 0.24 0.00	59.48 0.35 0.00	60.72 0.92 0.00	54.85 1.57 0.00	67.99 3.51 0.00	77.63 5.87 0.00	65.10 5.42 0.00	59.82 4.88 0.00	62.61 4.56 0.00
COLDSPRG_115KV_BK1 355956	44.54 1.14 0.00	45.96 0.83 0.00	41.29 0.38 0.00	38.77 0.22 0.00	36.18 0.42 0.00	41.91 0.54 0.00	53.59 0.78 0.00	52.87 0.26 0.00	50.15 0.03 0.00	48.18 0.37 0.00	48.28 1.00 0.00	50.17 1.21 0.00	63.68 2.32 0.00	63.97 1.82 0.00	62.43 1.81 0.00	61.43 2.00 0.00	61.80 2.66 0.00	63.30 3.50 0.00	56.32 3.04 0.00	68.01 3.53 0.00	74.63 2.87 0.00	62.45 2.77 0.00	57.13 2.18 0.00	60.61 2.56 0.00
COLONIE_LFGE___ 323577	44.77 1.36 0.00	46.68 1.55 0.00	42.45 1.54 0.00	39.95 1.40 0.00	37.04 1.29 0.00	42.84 1.47 0.00	54.37 1.55 0.00	54.09 1.49 0.00	51.64 1.52 0.00	49.40 1.59 0.00	48.49 1.21 0.00	50.23 1.27 0.00	62.76 1.41 0.00	63.65 1.50 0.00	62.40 1.78 0.00	61.44 2.02 0.00	61.22 2.09 0.00	62.41 2.61 0.00	55.76 2.48 0.00	67.03 2.55 0.00	74.48 2.72 0.00	61.47 1.78 0.00	56.09 1.14 0.00	59.15 1.10 0.00
COOPERNY_115KV_TB1 80082	44.58 1.18 0.00	46.35 1.22 0.00	42.15 1.23 0.00	39.64 1.08 0.00	36.76 1.00 0.00	42.43 1.07 0.00	53.85 1.03 0.00	53.72 1.11 0.00	51.36 1.23 0.00	49.28 1.47 0.00	48.77 1.49 0.00	50.56 1.60 0.00	63.25 1.89 0.00	64.17 2.02 0.00	62.90 2.28 0.00	62.06 2.64 0.00	62.12 2.99 0.00	63.19 3.39 0.00	56.18 2.90 0.00	67.37 2.89 0.00	74.36 2.60 0.00	61.34 1.66 0.00	55.87 0.92 0.00	59.12 1.07 0.00
COPENHAGEN_WT_PWR 323753	45.54 2.13 0.00	47.19 2.06 0.00	42.61 1.70 0.00	40.06 1.51 0.00	37.25 1.50 0.00	43.22 1.86 0.00	55.32 2.50 0.00	55.05 2.45 0.00	51.92 1.79 0.00	48.80 0.98 0.00	48.16 0.88 0.00	49.56 0.60 0.00	61.72 0.36 0.00	62.21 0.06 0.00	60.46 -0.16 0.00	59.29 -0.13 0.00	59.10 -0.03 0.00	60.18 0.38 0.00	54.20 0.92 0.00	67.02 2.54 0.00	76.25 4.50 0.00	63.96 4.27 0.00	58.83 3.88 0.00	61.66 3.61 0.00
CORNELL_____ 23752	44.56 1.15 0.00	46.15 1.02 0.00	41.78 0.87 0.00	39.33 0.77 0.00	36.55 0.80 0.00	42.29 0.92 0.00	53.88 1.07 0.00	53.62 1.02 0.00	50.95 0.82 0.00	48.57 0.75 0.00	47.96 0.69 0.00	49.42 0.45 0.00	62.17 0.81 0.00	63.05 0.90 0.00	61.48 0.86 0.00	60.56 1.14 0.00	60.53 1.40 0.00	61.79 1.99 0.00	55.44 2.16 0.00	67.19 2.70 0.00	74.47 2.71 0.00	61.92 2.23 0.00	56.58 1.63 0.00	59.63 1.58 0.00

CORONA_V_69_KV_TB1 355595	46.00 2.59 0.00	48.04 2.91 0.00	43.72 2.81 0.00	40.97 2.42 0.00	37.89 2.14 0.00	43.66 2.29 0.00	55.09 2.27 0.00	54.92 2.31 0.00	52.67 2.54 0.00	50.88 3.07 0.00	50.63 3.35 0.00	52.61 3.63 -0.02	75.56 4.19 -10.01	66.59 4.43 -0.01	75.66 4.99 -10.05	84.00 5.58 -18.99	156.49 6.25 -91.11	281.36 6.77 -214.80	210.56 5.78 -151.49	191.75 5.85 -121.42	121.21 5.31 -44.14	120.87 3.64 -57.54	107.70 2.41 -50.34	131.52 2.60 -70.87
CORTLAND_115KV_TB3 80093	44.15 0.74 0.00	45.77 0.64 0.00	41.47 0.56 0.00	39.05 0.49 0.00	36.29 0.54 0.00	41.96 0.59 0.00	53.44 0.63 0.00	53.21 0.60 0.00	50.61 0.49 0.00	48.33 0.52 0.00	47.76 0.48 0.00	49.28 0.31 0.00	61.90 0.54 0.00	62.73 0.58 0.00	61.29 0.67 0.00	60.27 0.85 0.00	60.20 1.07 0.00	61.33 1.53 0.00	54.88 1.60 0.00	66.40 1.92 0.00	73.56 1.80 0.00	61.16 1.47 0.00	55.94 0.99 0.00	58.98 0.93 0.00
COXSACKIE___GT 23611	45.55 2.14 0.00	47.52 2.39 0.00	43.26 2.35 0.00	40.78 2.22 0.00	37.80 2.05 0.00	43.70 2.34 0.00	55.50 2.68 0.00	55.30 2.69 0.00	52.63 2.50 0.00	50.06 2.25 0.00	49.02 1.74 0.00	50.43 1.47 0.00	63.30 1.94 0.00	64.20 2.05 0.00	63.23 2.61 0.00	62.23 2.81 0.00	62.25 3.12 0.00	63.59 3.79 0.00	57.07 3.79 0.00	68.87 4.39 0.00	76.37 4.61 0.00	63.05 3.36 0.00	57.32 2.37 0.00	60.06 2.01 0.00
CPV_VALLEY___CC1 323721	44.65 1.24 0.00	46.44 1.31 0.00	42.25 1.34 0.00	39.69 1.14 0.00	36.81 1.05 0.00	42.48 1.11 0.00	53.89 1.07 0.00	53.78 1.18 0.00	51.48 1.35 0.00	49.45 1.63 0.00	48.92 1.64 0.00	50.73 1.77 0.00	63.37 2.01 0.00	64.31 2.17 0.00	63.12 2.50 0.00	62.35 2.93 0.00	62.46 3.32 0.00	63.57 3.77 0.00	56.46 3.18 0.00	67.55 3.07 0.00	74.46 2.71 0.00	61.31 1.62 0.00	55.74 0.80 0.00	59.03 0.98 0.00
CPV_VALLEY___CC2 323722	44.65 1.24 0.00	46.44 1.31 0.00	42.25 1.34 0.00	39.69 1.14 0.00	36.81 1.05 0.00	42.48 1.11 0.00	53.89 1.07 0.00	53.78 1.18 0.00	51.48 1.35 0.00	49.45 1.63 0.00	48.92 1.64 0.00	50.73 1.77 0.00	63.37 2.01 0.00	64.31 2.17 0.00	63.12 2.50 0.00	62.35 2.93 0.00	62.46 3.32 0.00	63.57 3.77 0.00	56.46 3.18 0.00	67.55 3.07 0.00	74.46 2.71 0.00	61.31 1.62 0.00	55.74 0.80 0.00	59.03 0.98 0.00
CRESCENT___HYD 24018	44.77 1.36 0.00	46.68 1.55 0.00	42.45 1.54 0.00	39.95 1.40 0.00	37.04 1.29 0.00	42.84 1.47 0.00	54.37 1.55 0.00	54.09 1.49 0.00	51.64 1.52 0.00	49.40 1.59 0.00	48.49 1.21 0.00	50.23 1.27 0.00	62.76 1.41 0.00	63.65 1.50 0.00	62.40 1.78 0.00	61.44 2.02 0.00	61.22 2.09 0.00	62.41 2.61 0.00	55.76 2.48 0.00	67.03 2.55 0.00	74.48 2.72 0.00	61.47 1.78 0.00	56.09 1.14 0.00	59.15 1.10 0.00
CRICKET___VALLEY_CC1 323756	44.74 1.33 0.00	46.53 1.40 0.00	42.36 1.44 0.00	39.77 1.21 0.00	36.83 1.08 0.00	42.54 1.17 0.00	53.95 1.13 0.00	53.90 1.30 0.00	51.64 1.51 0.00	49.58 1.77 0.00	48.91 1.63 0.00	50.69 1.72 0.00	63.23 1.88 0.00	64.21 2.06 0.00	63.09 2.47 0.00	62.36 2.94 0.00	62.50 3.37 0.00	63.64 3.84 0.00	56.60 3.32 0.00	67.69 3.20 0.00	74.54 2.78 0.00	61.18 1.49 0.00	55.61 0.66 0.00	58.87 0.81 0.00
CRICKET___VALLEY_CC2 323757	44.74 1.33 0.00	46.53 1.40 0.00	42.36 1.44 0.00	39.77 1.21 0.00	36.83 1.08 0.00	42.54 1.17 0.00	53.95 1.13 0.00	53.90 1.30 0.00	51.64 1.51 0.00	49.58 1.77 0.00	48.91 1.63 0.00	50.69 1.72 0.00	63.23 1.88 0.00	64.21 2.06 0.00	63.09 2.47 0.00	62.36 2.94 0.00	62.50 3.37 0.00	63.64 3.84 0.00	56.60 3.32 0.00	67.69 3.20 0.00	74.54 2.78 0.00	61.18 1.49 0.00	55.61 0.66 0.00	58.87 0.81 0.00
CRICKET___VALLEY_CC3 323758	44.74 1.33 0.00	46.53 1.40 0.00	42.36 1.44 0.00	39.77 1.21 0.00	36.83 1.08 0.00	42.54 1.17 0.00	53.95 1.13 0.00	53.90 1.30 0.00	51.64 1.51 0.00	49.58 1.77 0.00	48.91 1.63 0.00	50.69 1.72 0.00	63.23 1.88 0.00	64.21 2.06 0.00	63.09 2.47 0.00	62.36 2.94 0.00	62.50 3.37 0.00	63.64 3.84 0.00	56.60 3.32 0.00	67.69 3.20 0.00	74.54 2.78 0.00	61.18 1.49 0.00	55.61 0.66 0.00	58.87 0.81 0.00
CRUCIBLE_METL_DRP 24180	43.53 0.12 0.00	45.13 0.00 0.00	40.88 -0.03 0.00	38.51 -0.05 0.00	35.76 0.00 0.00	41.34 -0.03 0.00	52.63 -0.19 0.00	52.43 -0.17 0.00	49.89 -0.24 0.00	47.57 -0.24 0.00	47.03 -0.25 0.00	48.59 -0.37 0.00	60.99 -0.37 0.00	61.78 -0.37 0.00	60.28 -0.35 0.00	59.16 -0.26 0.00	59.03 -0.10 0.00	60.02 0.22 0.00	53.67 0.39 0.00	64.86 0.38 0.00	72.00 0.24 0.00	59.95 0.27 0.00	54.99 0.04 0.00	58.02 -0.03 0.00
DAHOWA___HYDRO 323763	45.79 2.38 0.00	47.66 2.53 0.00	43.29 2.38 0.00	40.79 2.23 0.00	37.85 2.09 0.00	43.82 2.46 0.00	55.66 2.85 0.00	55.37 2.77 0.00	52.81 2.68 0.00	50.51 2.70 0.00	49.34 2.06 0.00	51.13 2.17 0.00	63.97 2.61 0.00	64.80 2.65 0.00	63.55 2.93 0.00	62.69 3.27 0.00	62.55 3.42 0.00	64.09 4.29 0.00	57.52 4.24 0.00	69.27 4.79 0.00	77.41 5.65 0.00	63.91 4.22 0.00	58.23 3.28 0.00	61.28 3.22 0.00
DANC___LFGE 323619	44.53 1.12 0.00	46.15 1.02 0.00	41.72 0.81 0.00	39.25 0.69 0.00	36.48 0.73 0.00	42.28 0.91 0.00	54.00 1.18 0.00	53.74 1.13 0.00	50.84 0.71 0.00	48.04 0.23 0.00	47.43 0.15 0.00	48.88 -0.09 0.00	61.00 -0.36 0.00	61.58 -0.57 0.00	59.92 -0.70 0.00	58.78 -0.65 0.00	58.56 -0.57 0.00	59.57 -0.23 0.00	53.53 0.25 0.00	65.64 1.16 0.00	74.07 2.31 0.00	61.99 2.31 0.00	57.08 2.14 0.00	59.95 1.90 0.00
DANSKAMMER___1 23586	45.77 2.36 0.00	47.56 2.43 0.00	43.25 2.33 0.00	40.61 2.06 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.11 2.29 0.00	55.10 2.50 0.00	52.76 2.63 0.00	50.59 2.78 0.00	50.02 2.74 0.00	51.90 2.93 0.00	64.63 3.27 0.00	65.33 3.18 0.00	64.09 3.47 0.00	63.40 3.97 0.00	63.56 4.43 0.00	64.77 4.97 0.00	57.55 4.27 0.00	68.74 4.26 0.00	75.62 3.86 0.00	62.13 2.44 0.00	56.47 1.53 0.00	60.41 2.36 0.00
DANSKAMMER___2 23589	45.77 2.36 0.00	47.56 2.43 0.00	43.25 2.33 0.00	40.61 2.06 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.11 2.29 0.00	55.10 2.50 0.00	52.76 2.63 0.00	50.59 2.78 0.00	50.02 2.74 0.00	51.90 2.93 0.00	64.63 3.27 0.00	65.33 3.18 0.00	64.09 3.47 0.00	63.40 3.97 0.00	63.56 4.43 0.00	64.77 4.97 0.00	57.55 4.27 0.00	68.74 4.26 0.00	75.62 3.86 0.00	62.13 2.44 0.00	56.47 1.53 0.00	60.41 2.36 0.00
DANSKAMMER___3 23590	45.77 2.36 0.00	47.56 2.43 0.00	43.25 2.33 0.00	40.61 2.06 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.11 2.29 0.00	55.10 2.50 0.00	52.76 2.63 0.00	50.59 2.78 0.00	50.02 2.74 0.00	51.90 2.93 0.00	64.63 3.27 0.00	65.33 3.18 0.00	64.09 3.47 0.00	63.40 3.97 0.00	63.56 4.43 0.00	64.77 4.97 0.00	57.55 4.27 0.00	68.74 4.26 0.00	75.62 3.86 0.00	62.13 2.44 0.00	56.47 1.53 0.00	60.41 2.36 0.00

DANSKAMMER___4 23591	45.77 2.36 0.00	47.56 2.43 0.00	43.25 2.33 0.00	40.61 2.06 0.00	37.62 1.87 0.00	43.44 2.07 0.00	55.11 2.29 0.00	55.10 2.50 0.00	52.76 2.63 0.00	50.59 2.78 0.00	50.02 2.74 0.00	51.90 2.93 0.00	64.63 3.27 0.00	65.33 3.18 0.00	64.09 3.47 0.00	63.40 3.97 0.00	63.56 4.43 0.00	64.77 4.97 0.00	57.55 4.27 0.00	68.74 4.26 0.00	75.62 3.86 0.00	62.13 2.44 0.00	56.47 1.53 0.00	60.41 2.36 0.00
DANSKAMMER___DIESEL 23592	45.77 2.36 0.00	47.56 2.43 0.00	43.25 2.33 0.00	40.61 2.06 0.00	37.63 1.87 0.00	43.44 2.07 0.00	55.11 2.29 0.00	55.10 2.50 0.00	52.76 2.64 0.00	50.60 2.78 0.00	50.02 2.74 0.00	51.90 2.93 0.00	64.63 3.27 0.00	65.33 3.18 0.00	64.10 3.48 0.00	63.39 3.96 0.00	63.56 4.43 0.00	64.77 4.97 0.00	57.55 4.27 0.00	68.74 4.26 0.00	75.62 3.86 0.00	62.13 2.44 0.00	56.47 1.53 0.00	60.41 2.36 0.00
DARBY___SOLAR 323810	45.54 2.13 0.00	47.43 2.30 0.00	43.08 2.17 0.00	40.59 2.03 0.00	37.65 1.90 0.00	43.58 2.21 0.00	55.35 2.53 0.00	55.06 2.45 0.00	52.49 2.37 0.00	50.23 2.42 0.00	49.08 1.81 0.00	50.88 1.91 0.00	63.63 2.28 0.00	64.48 2.33 0.00	63.22 2.60 0.00	62.36 2.93 0.00	62.22 3.09 0.00	63.69 3.89 0.00	57.10 3.82 0.00	68.77 4.28 0.00	76.77 5.01 0.00	63.40 3.71 0.00	57.79 2.84 0.00	60.86 2.81 0.00
DASHVILLE___HYD 23610	45.26 1.86 0.00	47.01 1.88 0.00	42.79 1.87 0.00	40.23 1.67 0.00	37.27 1.52 0.00	43.02 1.65 0.00	54.54 1.72 0.00	54.49 1.88 0.00	52.18 2.06 0.00	50.09 2.28 0.00	49.54 2.27 0.00	51.37 2.41 0.00	64.14 2.79 0.00	65.21 3.06 0.00	64.19 3.57 0.00	63.51 4.09 0.00	63.67 4.54 0.00	64.66 4.87 0.00	57.45 4.17 0.00	68.68 4.20 0.00	75.63 3.87 0.00	62.17 2.48 0.00	56.48 1.53 0.00	59.88 1.82 0.00
DELAWARE___LFGE 323621	44.64 1.23 0.00	46.38 1.24 0.00	42.20 1.29 0.00	39.81 1.26 0.00	36.95 1.19 0.00	42.65 1.28 0.00	54.09 1.28 0.00	53.86 1.26 0.00	51.41 1.28 0.00	49.23 1.42 0.00	48.71 1.43 0.00	50.45 1.48 0.00	63.16 1.81 0.00	64.08 1.93 0.00	62.70 2.08 0.00	61.70 2.27 0.00	61.68 2.55 0.00	62.66 2.86 0.00	55.85 2.57 0.00	67.24 2.76 0.00	74.45 2.69 0.00	61.64 1.96 0.00	56.29 1.35 0.00	59.48 1.43 0.00
DERFIELD_115KV_TB7 355931	43.59 0.18 0.00	45.32 0.19 0.00	41.16 0.24 0.00	38.79 0.23 0.00	35.97 0.22 0.00	41.59 0.22 0.00	52.98 0.16 0.00	52.74 0.14 0.00	50.28 0.15 0.00	48.00 0.19 0.00	47.41 0.13 0.00	49.11 0.14 0.00	61.45 0.09 0.00	62.28 0.13 0.00	60.85 0.23 0.00	59.77 0.35 0.00	59.54 0.41 0.00	60.34 0.54 0.00	53.80 0.52 0.00	64.99 0.51 0.00	72.22 0.46 0.00	59.94 0.25 0.00	55.00 0.05 0.00	58.12 0.06 0.00
DOGLEVILLE___HYD 23807	44.40 0.99 0.00	46.30 1.16 0.00	42.16 1.24 0.00	39.72 1.16 0.00	36.83 1.08 0.00	42.56 1.19 0.00	53.70 0.89 0.00	53.20 0.59 0.00	50.47 0.34 0.00	48.48 0.67 0.00	47.28 0.01 0.00	49.10 0.14 0.00	60.91 -0.44 0.00	61.71 -0.44 0.00	60.86 0.23 0.00	60.34 0.92 0.00	60.04 0.91 0.00	62.19 2.39 0.00	56.06 2.78 0.00	67.67 3.19 0.00	75.22 3.46 0.00	61.80 2.11 0.00	55.97 1.03 0.00	58.73 0.68 0.00
DUNKIRK___115KV_TB_200 55889	43.81 0.40 0.00	45.18 0.05 0.00	40.61 -0.31 0.00	38.14 -0.41 0.00	35.64 -0.11 0.00	41.30 -0.07 0.00	52.83 0.01 0.00	52.04 -0.56 0.00	49.25 -0.87 0.00	47.27 -0.54 0.00	47.51 0.24 0.00	49.45 0.49 0.00	62.87 1.52 0.00	63.12 0.97 0.00	61.68 1.06 0.00	60.66 1.24 0.00	61.04 1.91 0.00	62.53 2.73 0.00	55.62 2.34 0.00	67.21 2.72 0.00	73.74 1.98 0.00	61.76 2.07 0.00	56.55 1.60 0.00	59.87 1.82 0.00
DUNKIRK___1 23563	43.81 0.40 0.00	45.18 0.05 0.00	40.61 -0.31 0.00	38.14 -0.41 0.00	35.64 -0.11 0.00	41.30 -0.07 0.00	52.83 0.01 0.00	52.04 -0.56 0.00	49.25 -0.87 0.00	47.27 -0.54 0.00	47.51 0.24 0.00	49.45 0.49 0.00	62.87 1.52 0.00	63.12 0.97 0.00	61.68 1.06 0.00	60.66 1.24 0.00	61.04 1.91 0.00	62.53 2.73 0.00	55.62 2.34 0.00	67.21 2.72 0.00	73.74 1.98 0.00	61.76 2.07 0.00	56.55 1.60 0.00	59.87 1.82 0.00
DUNKIRK___2 23564	43.81 0.40 0.00	45.18 0.05 0.00	40.61 -0.31 0.00	38.14 -0.41 0.00	35.64 -0.11 0.00	41.30 -0.07 0.00	52.83 0.01 0.00	52.04 -0.56 0.00	49.25 -0.87 0.00	47.27 -0.54 0.00	47.51 0.24 0.00	49.45 0.49 0.00	62.87 1.52 0.00	63.12 0.97 0.00	61.68 1.06 0.00	60.66 1.24 0.00	61.04 1.91 0.00	62.53 2.73 0.00	55.62 2.34 0.00	67.21 2.72 0.00	73.74 1.98 0.00	61.76 2.07 0.00	56.55 1.60 0.00	59.87 1.82 0.00
DUNKIRK___3 23565	43.53 0.12 0.00	44.93 -0.20 0.00	40.38 -0.53 0.00	37.95 -0.61 0.00	35.44 -0.32 0.00	41.07 -0.29 0.00	52.51 -0.31 0.00	51.68 -0.93 0.00	48.93 -1.19 0.00	46.98 -0.83 0.00	47.18 -0.10 0.00	49.07 0.11 0.00	62.42 1.06 0.00	62.69 0.54 0.00	61.21 0.59 0.00	60.19 0.76 0.00	60.55 1.42 0.00	61.95 2.15 0.00	55.13 1.85 0.00	66.63 2.15 0.00	73.17 1.41 0.00	61.29 1.61 0.00	56.17 1.22 0.00	59.48 1.43 0.00
DUNKIRK___4 23566	43.53 0.12 0.00	44.93 -0.20 0.00	40.38 -0.53 0.00	37.95 -0.61 0.00	35.44 -0.32 0.00	41.07 -0.29 0.00	52.51 -0.31 0.00	51.68 -0.93 0.00	48.93 -1.19 0.00	46.98 -0.83 0.00	47.18 -0.10 0.00	49.07 0.11 0.00	62.42 1.06 0.00	62.69 0.54 0.00	61.21 0.59 0.00	60.19 0.76 0.00	60.55 1.42 0.00	61.95 2.15 0.00	55.13 1.85 0.00	66.63 2.15 0.00	73.17 1.41 0.00	61.29 1.61 0.00	56.17 1.22 0.00	59.48 1.43 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.54 2.13 0.00	47.40 2.26 0.00	43.15 2.24 0.00	40.51 1.95 0.00	37.53 1.77 0.00	43.33 1.96 0.00	54.91 2.09 0.00	54.88 2.28 0.00	52.64 2.52 0.00	50.70 2.89 0.00	50.19 2.91 0.00	52.03 3.06 0.00	64.81 3.45 0.00	65.85 3.69 0.00	64.72 4.10 0.00	64.12 4.70 0.00	64.32 5.19 0.00	65.48 5.68 0.00	58.04 4.76 0.00	69.24 4.76 0.00	76.13 4.37 0.00	62.53 2.85 0.00	56.70 1.75 0.00	60.09 2.04 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.38 1.97 0.00	47.16 2.03 0.00	42.90 1.99 0.00	40.28 1.73 0.00	37.33 1.57 0.00	43.08 1.72 0.00	54.66 1.84 0.00	54.69 2.08 0.00	52.39 2.27 0.00	50.31 2.49 0.00	49.76 2.48 0.00	51.62 2.65 0.00	64.38 3.02 0.00	65.27 3.12 0.00	64.10 3.48 0.00	63.40 3.97 0.00	63.54 4.41 0.00	64.74 4.93 0.00	57.53 4.25 0.00	68.74 4.26 0.00	75.69 3.93 0.00	62.21 2.52 0.00	56.51 1.56 0.00	60.07 2.02 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.67 2.26 0.00	47.60 2.46 0.00	43.42 2.51 0.00	40.75 2.19 0.00	37.77 2.02 0.00	43.56 2.20 0.00	55.25 2.43 0.00	55.30 2.69 0.00	53.08 2.96 0.00	51.15 3.33 0.00	50.53 3.26 0.00	52.33 3.36 0.00	65.01 3.66 0.00	66.06 3.91 0.00	64.98 4.36 0.00	64.39 4.97 0.00	64.62 5.49 0.00	65.73 5.93 0.00	58.15 4.87 0.00	69.17 4.68 -0.01	75.97 4.20 -0.01	62.38 2.69 -0.01	56.57 1.62 -0.01	60.10 2.05 -0.01

E179THST_13_KV_LOAD 356214	46.00 2.59 0.00	47.91 2.79 0.00	43.69 2.78 0.00	41.00 2.45 0.00	38.00 2.25 0.00	43.83 2.47 0.00	55.61 2.79 0.00	55.67 3.06 0.00	53.43 3.31 0.00	51.50 3.69 0.00	50.88 3.61 0.00	52.70 3.73 0.00	65.50 4.14 0.00	66.56 4.41 0.00	65.47 4.85 0.00	64.88 5.46 0.00	65.10 5.97 0.00	66.24 6.44 0.00	58.62 5.34 0.00	69.74 5.25 -0.01	76.58 4.81 -0.01	62.89 3.20 -0.01	57.02 2.07 -0.01	60.56 2.50 -0.01
EAST HAMPTON___GT 23717	47.69 4.28 0.00	50.30 5.17 0.00	45.94 5.03 0.00	42.91 4.35 0.00	39.27 3.51 0.00	44.83 3.47 0.00	56.37 3.55 0.00	55.58 2.97 0.00	52.30 3.37 1.20	50.69 4.53 1.66	52.79 5.51 0.00	306.57 6.14 -251.46	192.18 6.71 -124.11	161.95 6.96 -92.84	254.53 7.94 -185.97	294.03 8.79 -225.82	272.13 9.58 -203.42	287.47 10.56 -217.11	306.29 9.31 -243.70	275.52 9.75 -201.29	214.96 8.99 -134.22	63.04 6.93 3.58	55.16 4.86 4.66	41.72 4.95 21.28
EAST RIVER___6 23660	45.60 2.19 0.00	47.51 2.38 0.00	43.27 2.36 0.00	40.61 2.06 0.00	37.64 1.89 0.00	43.46 2.10 0.00	55.06 2.24 0.00	55.09 2.48 0.00	52.93 2.80 0.00	51.06 3.24 0.00	50.52 3.24 0.00	52.34 3.37 0.00	65.12 3.76 0.00	66.15 4.00 0.00	65.03 4.41 0.00	64.47 5.04 0.00	64.71 5.58 0.00	65.83 6.03 0.00	58.26 4.98 0.00	69.42 4.93 0.00	76.27 4.51 0.00	62.58 2.90 0.00	56.72 1.77 0.00	60.16 2.11 0.00
EAST RIVER___7 23524	45.60 2.19 0.00	47.51 2.38 0.00	43.27 2.36 0.00	40.61 2.06 0.00	37.64 1.89 0.00	43.46 2.10 0.00	55.06 2.24 0.00	55.09 2.48 0.00	52.93 2.80 0.00	51.06 3.24 0.00	50.52 3.24 0.00	52.34 3.37 0.00	65.12 3.76 0.00	66.15 4.00 0.00	65.03 4.41 0.00	64.47 5.04 0.00	64.71 5.58 0.00	65.83 6.03 0.00	58.26 4.98 0.00	69.42 4.93 0.00	76.27 4.51 0.00	62.58 2.90 0.00	56.72 1.77 0.00	60.16 2.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.43 2.02 0.00	47.28 2.15 0.00	43.04 2.13 0.00	40.41 1.85 0.00	37.44 1.69 0.00	43.21 1.85 0.00	54.78 1.96 0.00	54.74 2.13 0.00	52.49 2.36 0.00	50.55 2.73 0.00	50.04 2.76 0.00	51.88 2.92 0.00	64.66 3.30 0.00	65.68 3.53 0.00	64.54 3.92 0.00	63.92 4.50 0.00	64.12 4.99 0.00	65.28 5.48 0.00	57.88 4.60 0.00	69.06 4.58 0.00	75.95 4.19 0.00	62.40 2.71 0.00	56.57 1.62 0.00	59.94 1.88 0.00
EAST_HAMPTON___DIESEL 23722	47.66 4.25 0.00	50.30 5.17 0.00	45.95 5.04 0.00	42.92 4.36 0.00	39.25 3.50 0.00	44.80 3.44 0.00	56.31 3.50 0.00	55.48 2.88 0.00	52.22 3.29 1.20	50.63 4.48 1.66	52.80 5.52 0.00	306.62 6.19 -251.46	192.24 6.77 -124.11	162.01 7.02 -92.84	254.60 8.01 -185.97	294.08 8.84 -225.82	272.18 9.63 -203.42	287.53 10.63 -217.11	306.36 9.38 -243.70	275.59 9.82 -201.29	215.03 9.05 -134.22	63.10 6.99 3.58	55.20 4.91 4.66	41.74 4.97 21.28
EAST_POINT___SOLAR 323840	46.66 3.25 0.00	48.28 3.14 0.00	43.68 2.77 0.00	41.21 2.65 0.00	38.25 2.49 0.00	44.31 2.94 0.00	56.07 3.25 0.00	55.57 2.97 0.00	51.77 1.64 0.00	49.13 1.32 0.00	47.83 0.55 0.00	50.03 1.06 0.00	61.96 0.60 0.00	63.55 1.40 0.00	62.19 1.57 0.00	60.86 1.43 0.00	60.80 1.67 0.00	62.83 3.03 0.00	57.11 3.83 0.00	69.80 5.32 0.00	78.28 6.52 0.00	65.14 5.46 0.00	59.72 4.77 0.00	62.89 4.84 0.00
EAST_PULASKI___ESR 323781	43.48 0.07 0.00	45.09 -0.04 0.00	40.82 -0.09 0.00	38.43 -0.12 0.00	35.71 -0.05 0.00	41.31 -0.05 0.00	52.64 -0.17 0.00	52.40 -0.21 0.00	49.72 -0.40 0.00	47.23 -0.58 0.00	46.65 -0.64 0.00	48.11 -0.86 0.00	60.19 -1.17 0.00	60.85 -1.30 0.00	59.29 -1.33 0.00	58.21 -1.22 0.00	57.98 -1.15 0.00	58.92 -0.88 0.00	52.83 -0.45 0.00	64.26 -0.22 0.00	71.86 0.11 0.00	60.03 0.35 0.00	55.27 0.32 0.00	58.19 0.14 0.00
EAST_RIVER___1 323558	45.65 2.24 0.00	47.56 2.43 0.00	43.31 2.40 0.00	40.65 2.10 0.00	37.68 1.93 0.00	43.50 2.14 0.00	55.11 2.29 0.00	55.15 2.54 0.00	52.98 2.85 0.00	51.08 3.27 0.00	50.54 3.27 0.00	52.37 3.41 0.00	65.17 3.81 0.00	66.20 4.05 0.00	65.08 4.46 0.00	64.52 5.10 0.00	64.76 5.63 0.00	65.87 6.07 0.00	58.31 5.03 0.00	69.45 4.97 0.00	76.32 4.56 0.00	62.64 2.95 0.00	56.77 1.83 0.00	60.22 2.17 0.00
EAST_RIVER___2 323559	45.60 2.19 0.00	47.51 2.38 0.00	43.27 2.36 0.00	40.61 2.06 0.00	37.64 1.89 0.00	43.46 2.10 0.00	55.06 2.24 0.00	55.09 2.48 0.00	52.93 2.80 0.00	51.06 3.24 0.00	50.52 3.24 0.00	52.34 3.37 0.00	65.12 3.76 0.00	66.15 4.00 0.00	65.03 4.41 0.00	64.47 5.04 0.00	64.71 5.58 0.00	65.83 6.03 0.00	58.26 4.98 0.00	69.42 4.93 0.00	76.27 4.51 0.00	62.58 2.90 0.00	56.72 1.77 0.00	60.16 2.11 0.00
EAST___DELAWARE_HYD 23607	44.16 0.75 0.00	45.81 0.67 0.00	41.63 0.72 0.00	39.11 0.55 0.00	36.23 0.48 0.00	41.82 0.46 0.00	53.07 0.25 0.00	53.04 0.43 0.00	50.79 0.66 0.00	48.76 0.94 0.00	48.23 0.95 0.00	49.96 0.99 0.00	62.56 1.20 0.00	63.64 1.49 0.00	62.47 1.85 0.00	61.76 2.34 0.00	61.96 2.83 0.00	63.14 3.34 0.00	56.24 2.96 0.00	67.30 2.82 0.00	74.10 2.35 0.00	60.90 1.21 0.00	55.29 0.34 0.00	58.50 0.45 0.00
EIGHT_POINT___WT_PWR 323820	44.49 1.08 0.00	45.93 0.80 0.00	41.38 0.47 0.00	38.90 0.34 0.00	36.33 0.57 0.00	42.11 0.74 0.00	53.68 0.85 0.00	53.03 0.42 0.00	50.19 0.07 0.00	47.97 0.16 0.00	47.53 0.25 0.00	49.29 0.33 0.00	62.65 1.29 0.00	63.14 0.98 0.00	61.64 1.01 0.00	60.46 1.03 0.00	60.94 1.81 0.00	62.67 2.87 0.00	56.07 2.79 0.00	67.78 3.30 0.00	74.77 3.01 0.00	62.51 2.83 0.00	57.09 2.14 0.00	60.25 2.20 0.00
ELBRIDGE_115KV_TB2 80188	43.30 -0.11 0.00	44.91 -0.22 0.00	40.69 -0.22 0.00	38.33 -0.23 0.00	35.57 -0.19 0.00	41.14 -0.22 0.00	52.38 -0.44 0.00	52.17 -0.44 0.00	49.57 -0.56 0.00	47.28 -0.54 0.00	46.73 -0.55 0.00	48.28 -0.69 0.00	60.62 -0.74 0.00	61.41 -0.74 0.00	59.89 -0.73 0.00	58.80 -0.62 0.00	58.67 -0.46 0.00	59.65 -0.15 0.00	53.33 0.04 0.00	64.46 -0.02 0.00	71.59 -0.16 0.00	59.60 -0.09 0.00	54.70 -0.25 0.00	57.75 -0.30 0.00
ELEC_TRO_TEK 24086	45.62 2.21 0.00	47.64 2.51 0.00	43.37 2.46 0.00	40.66 2.11 0.00	37.61 1.85 0.00	43.34 1.97 0.00	54.68 1.86 0.00	54.54 1.93 0.00	52.31 2.18 0.00	50.51 2.70 0.00	50.22 2.94 0.00	52.17 3.20 -0.01	68.73 3.63 -3.74	65.97 3.82 0.00	69.59 4.39 -4.58	73.29 5.11 -8.75	152.01 5.74 -87.14	277.75 6.27 -211.69	207.43 5.29 -148.86	143.79 5.25 -74.06	95.68 4.69 -19.24	84.48 3.06 -21.73	76.08 1.87 -19.27	85.19 2.09 -25.04
ELLENBURG_WT_PWR 323604	43.07 -0.34 0.00	45.00 -0.13 0.00	40.60 -0.31 0.00	38.25 -0.30 0.00	35.46 -0.29 0.00	41.21 -0.16 0.00	52.97 0.15 0.00	52.43 -0.17 0.00	49.65 -0.47 0.00	47.11 -0.70 0.00	46.78 -0.50 0.00	48.48 -0.49 0.00	60.90 -0.46 0.00	61.37 -0.78 0.00	59.57 -1.05 0.00	58.08 -1.34 0.00	57.60 -1.53 0.00	57.78 -2.02 0.00	51.40 -1.89 0.00	62.77 -1.71 0.00	70.33 -1.43 0.00	58.94 -0.75 0.00	54.96 0.01 0.00	58.22 0.17 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.99 -0.42 0.00	44.46 -0.67 0.00	39.94 -0.98 0.00	37.59 -0.96 0.00	35.06 -0.69 0.00	40.63 -0.74 0.00	51.99 -0.82 0.00	50.97 -1.63 0.00	48.31 -1.82 0.00	46.39 -1.42 0.00	46.56 -0.72 0.00	48.42 -0.54 0.00	61.80 0.44 0.00	62.01 -0.14 0.00	60.42 -0.20 0.00	59.34 -0.08 0.00	59.68 0.55 0.00	60.86 1.06 0.00	54.26 0.98 0.00	65.51 1.03 0.00	72.25 0.49 0.00	60.64 0.96 0.00	55.74 0.80 0.00	58.97 0.92 0.00
EMPIRE_CC_1 323656	44.13 0.72 0.00	46.04 0.91 0.00	41.93 1.01 0.00	39.48 0.93 0.00	36.60 0.84 0.00	42.30 0.93 0.00	53.61 0.79 0.00	53.36 0.75 0.00	50.98 0.85 0.00	48.77 0.96 0.00	47.93 0.65 0.00	49.60 0.63 0.00	61.91 0.55 0.00	62.78 0.63 0.00	61.55 0.93 0.00	60.50 1.07 0.00	60.01 0.87 0.00	61.04 1.24 0.00	54.48 1.20 0.00	65.37 0.89 0.00	72.51 0.75 0.00	59.84 0.15 0.00	54.61 -0.33 0.00	57.68 -0.38 0.00
EMPIRE_CC_2 323658	44.13 0.72 0.00	46.04 0.91 0.00	41.93 1.01 0.00	39.48 0.93 0.00	36.60 0.84 0.00	42.30 0.93 0.00	53.61 0.79 0.00	53.36 0.75 0.00	50.98 0.85 0.00	48.77 0.96 0.00	47.93 0.65 0.00	49.60 0.63 0.00	61.91 0.55 0.00	62.78 0.63 0.00	61.55 0.93 0.00	60.50 1.07 0.00	60.01 0.87 0.00	61.04 1.24 0.00	54.48 1.20 0.00	65.37 0.89 0.00	72.51 0.75 0.00	59.84 0.15 0.00	54.61 -0.33 0.00	57.68 -0.38 0.00
ENORWICH_115KV_TB1 80156	46.79 3.38 0.00	48.46 3.33 0.00	43.84 2.92 0.00	41.24 2.68 0.00	38.36 2.61 0.00	44.47 3.11 0.00	56.78 3.96 0.00	56.58 3.98 0.00	53.72 3.60 0.00	51.36 3.55 0.00	50.79 3.51 0.00	52.31 3.34 0.00	65.78 4.42 0.00	66.81 4.66 0.00	65.17 4.56 0.00	64.25 4.83 0.00	64.27 5.14 0.00	65.82 6.02 0.00	59.20 5.92 0.00	71.76 7.28 0.00	79.48 7.72 0.00	65.96 6.27 0.00	59.97 5.03 0.00	62.90 4.85 0.00
ERIE_ST__34_KV_TB1-2 80199	43.23 -0.18 0.00	44.63 -0.51 0.00	40.08 -0.83 0.00	37.69 -0.86 0.00	35.16 -0.59 0.00	40.75 -0.61 0.00	52.14 -0.68 0.00	51.26 -1.34 0.00	48.60 -1.53 0.00	46.76 -1.06 0.00	46.91 -0.37 0.00	48.81 -0.15 0.00	62.29 0.93 0.00	62.57 0.42 0.00	61.03 0.41 0.00	60.00 0.57 0.00	60.34 1.21 0.00	61.62 1.82 0.00	54.95 1.67 0.00	66.41 1.93 0.00	73.13 1.37 0.00	61.24 1.55 0.00	56.20 1.25 0.00	59.39 1.34 0.00
ERIE_WT_PWR 323693	43.21 -0.20 0.00	44.65 -0.49 0.00	40.11 -0.81 0.00	37.75 -0.80 0.00	35.23 -0.52 0.00	40.81 -0.56 0.00	52.21 -0.61 0.00	51.22 -1.38 0.00	48.53 -1.60 0.00	46.61 -1.20 0.00	46.76 -0.52 0.00	48.65 -0.31 0.00	62.04 0.68 0.00	62.34 0.19 0.00	60.79 0.17 0.00	59.72 0.30 0.00	60.04 0.90 0.00	61.27 1.47 0.00	54.64 1.36 0.00	66.03 1.54 0.00	72.77 1.01 0.00	61.08 1.39 0.00	56.07 1.12 0.00	59.30 1.25 0.00
ESPRGFLD_115KV_TB1 80157	45.73 2.33 0.00	47.35 2.22 0.00	42.88 1.96 0.00	40.43 1.87 0.00	37.53 1.78 0.00	43.43 2.06 0.00	55.35 2.53 0.00	55.20 2.59 0.00	52.34 2.22 0.00	49.88 2.07 0.00	49.43 2.15 0.00	51.29 2.33 0.00	64.24 2.89 0.00	65.34 3.19 0.00	63.70 3.08 0.00	62.38 2.95 0.00	62.31 3.17 0.00	63.15 3.35 0.00	56.56 3.28 0.00	68.68 4.19 0.00	76.31 4.55 0.00	63.56 3.88 0.00	58.45 3.51 0.00	61.76 3.70 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.47 1.06 0.00	46.07 0.94 0.00	41.72 0.81 0.00	39.27 0.72 0.00	36.50 0.74 0.00	42.23 0.87 0.00	53.79 0.97 0.00	53.53 0.93 0.00	50.86 0.73 0.00	48.51 0.70 0.00	47.90 0.62 0.00	49.37 0.40 0.00	62.11 0.75 0.00	62.96 0.81 0.00	61.40 0.78 0.00	60.47 1.05 0.00	60.44 1.31 0.00	61.65 1.85 0.00	55.29 2.01 0.00	66.99 2.51 0.00	74.25 2.49 0.00	61.74 2.05 0.00	56.43 1.48 0.00	59.48 1.42 0.00
ETNA____115KV_TB2 80207	44.47 1.06 0.00	46.07 0.94 0.00	41.72 0.81 0.00	39.27 0.72 0.00	36.50 0.74 0.00	42.23 0.87 0.00	53.79 0.97 0.00	53.53 0.93 0.00	50.86 0.73 0.00	48.51 0.70 0.00	47.90 0.62 0.00	49.37 0.40 0.00	62.11 0.75 0.00	62.96 0.81 0.00	61.40 0.78 0.00	60.47 1.05 0.00	60.44 1.31 0.00	61.65 1.85 0.00	55.29 2.01 0.00	66.99 2.51 0.00	74.25 2.49 0.00	61.74 2.05 0.00	56.43 1.48 0.00	59.48 1.42 0.00
EUCLID___115KV_TB2 356179	43.02 -0.39 0.00	44.63 -0.50 0.00	40.44 -0.47 0.00	38.09 -0.47 0.00	35.37 -0.39 0.00	40.90 -0.47 0.00	52.04 -0.78 0.00	51.82 -0.79 0.00	49.36 -0.76 0.00	47.12 -0.69 0.00	46.58 -0.70 0.00	48.15 -0.82 0.00	60.39 -0.96 0.00	61.18 -0.97 0.00	59.65 -0.98 0.00	58.55 -0.87 0.00	58.44 -0.70 0.00	59.36 -0.44 0.00	53.03 -0.25 0.00	64.05 -0.43 0.00	71.08 -0.68 0.00	59.20 -0.48 0.00	54.36 -0.59 0.00	57.32 -0.73 0.00
E_CANADA_CAP_HY 24051	46.13 2.72 0.00	47.75 2.62 0.00	43.17 2.26 0.00	40.72 2.16 0.00	37.79 2.04 0.00	43.76 2.39 0.00	55.76 2.94 0.00	55.49 2.89 0.00	52.28 2.16 0.00	49.69 1.87 0.00	48.99 1.71 0.00	50.97 2.01 0.00	63.60 2.25 0.00	64.75 2.60 0.00	63.13 2.52 0.00	61.75 2.33 0.00	61.47 2.34 0.00	62.45 2.65 0.00	56.28 3.00 0.00	68.67 4.19 0.00	76.66 4.90 0.00	63.96 4.28 0.00	59.00 4.06 0.00	62.33 4.28 0.00
E_CANADA_MHWK_HY 24050	44.40 0.99 0.00	46.29 1.16 0.00	42.16 1.24 0.00	39.72 1.16 0.00	36.83 1.08 0.00	42.56 1.19 0.00	53.70 0.89 0.00	53.20 0.59 0.00	50.47 0.34 0.00	48.48 0.67 0.00	47.29 0.01 0.00	49.11 0.14 0.00	60.91 -0.44 0.00	61.71 -0.44 0.00	60.86 0.23 0.00	60.34 0.92 0.00	60.04 0.91 0.00	62.19 2.39 0.00	56.06 2.77 0.00	67.67 3.19 0.00	75.22 3.46 0.00	61.80 2.11 0.00	55.97 1.03 0.00	58.73 0.68 0.00
E_FISHKILL___LBMP 23776	45.05 1.64 0.00	46.89 1.76 0.00	42.68 1.77 0.00	40.10 1.55 0.00	37.16 1.40 0.00	42.89 1.52 0.00	54.36 1.55 0.00	54.29 1.69 0.00	52.03 1.91 0.00	50.02 2.21 0.00	49.45 2.17 0.00	51.26 2.30 0.00	63.91 2.55 0.00	64.89 2.74 0.00	63.74 3.12 0.00	63.05 3.62 0.00	63.19 4.05 0.00	64.31 4.51 0.00	57.10 3.82 0.00	68.23 3.75 0.00	75.14 3.38 0.00	61.76 2.08 0.00	56.09 1.14 0.00	59.43 1.38 0.00
FALCON___SEABRD_CC1 323796	42.76 -0.66 0.00	44.90 -0.23 0.00	40.50 -0.41 0.00	38.15 -0.40 0.00	35.37 -0.39 0.00	41.20 -0.17 0.00	52.84 0.02 0.00	52.03 -0.58 0.00	49.04 -1.09 0.00	46.52 -1.30 0.00	46.31 -0.97 0.00	47.93 -1.04 0.00	60.11 -1.25 0.00	60.30 -1.84 0.00	58.54 -2.08 0.00	57.09 -2.33 0.00	56.61 -2.53 0.00	56.80 -3.00 0.00	50.51 -2.77 0.00	61.75 -2.73 0.00	69.20 -2.56 0.00	58.12 -1.57 0.00	54.40 -0.55 0.00	57.96 -0.09 0.00
FALCON___SEABRD_CC2 323797	42.76 -0.66 0.00	44.90 -0.23 0.00	40.50 -0.41 0.00	38.15 -0.40 0.00	35.37 -0.39 0.00	41.20 -0.17 0.00	52.84 0.02 0.00	52.03 -0.58 0.00	49.04 -1.09 0.00	46.52 -1.30 0.00	46.31 -0.97 0.00	47.93 -1.04 0.00	60.11 -1.25 0.00	60.30 -1.84 0.00	58.54 -2.08 0.00	57.09 -2.33 0.00	56.61 -2.53 0.00	56.80 -3.00 0.00	50.51 -2.77 0.00	61.75 -2.73 0.00	69.20 -2.56 0.00	58.12 -1.57 0.00	54.40 -0.55 0.00	57.96 -0.09 0.00

FAR ROCKAWAY___4 23548	46.48 3.07 0.00	48.53 3.40 0.00	44.14 3.23 0.00	41.36 2.80 0.00	38.25 2.49 0.00	44.07 2.70 0.00	55.62 2.80 0.00	55.45 2.85 0.00	53.19 3.07 0.00	51.45 3.64 0.00	51.24 3.96 0.00	53.24 4.25 -0.02	76.93 4.86 -10.72	67.27 5.12 -0.01	76.97 5.67 -10.68	85.57 6.00 -20.15	157.36 6.64 -91.60	282.25 7.15 -215.30	211.21 6.14 -151.79	197.50 6.23 -126.79	124.38 5.66 -46.96	125.29 4.02 -61.58	111.62 2.80 -53.88	136.88 2.99 -75.84
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.68 2.27 0.00	47.59 2.46 0.00	43.35 2.44 0.00	40.69 2.14 0.00	37.71 1.95 0.00	43.54 2.17 0.00	55.15 2.34 0.00	55.17 2.57 0.00	52.99 2.87 0.00	51.12 3.31 0.00	50.58 3.30 0.00	52.39 3.42 0.00	65.19 3.84 0.00	66.22 4.07 0.00	65.09 4.47 0.00	64.53 5.11 0.00	64.78 5.65 0.00	65.90 6.11 0.00	58.33 5.05 0.00	69.50 5.01 0.00	76.36 4.60 0.00	62.68 2.99 0.00	56.81 1.87 0.00	60.26 2.21 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.69 2.28 0.00	47.60 2.47 0.00	43.36 2.45 0.00	40.70 2.15 0.00	37.72 1.97 0.00	43.55 2.18 0.00	55.16 2.34 0.00	55.20 2.59 0.00	53.01 2.88 0.00	51.12 3.31 0.00	50.58 3.30 0.00	52.39 3.42 0.00	65.20 3.84 0.00	66.22 4.07 0.00	65.09 4.48 0.00	64.54 5.11 0.00	64.79 5.66 0.00	65.93 6.13 0.00	58.35 5.07 0.00	69.51 5.03 0.00	76.38 4.62 0.00	62.72 3.03 0.00	56.84 1.89 0.00	60.28 2.22 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.63 2.22 0.00	47.55 2.41 0.00	43.32 2.41 0.00	40.66 2.10 0.00	37.68 1.93 0.00	43.51 2.14 0.00	55.11 2.30 0.00	55.15 2.54 0.00	52.98 2.85 0.00	51.08 3.26 0.00	50.54 3.26 0.00	52.34 3.37 0.00	65.14 3.78 0.00	66.16 4.01 0.00	65.03 4.42 0.00	64.47 5.05 0.00	64.72 5.59 0.00	65.84 6.04 0.00	58.27 4.99 0.00	69.41 4.93 0.00	76.27 4.50 0.00	62.61 2.93 0.00	56.75 1.80 0.00	60.20 2.15 0.00
FARRAGUT___LBMP 323566	45.59 2.18 0.00	47.50 2.37 0.00	43.28 2.37 0.00	40.62 2.07 0.00	37.65 1.89 0.00	43.47 2.10 0.00	55.06 2.24 0.00	55.07 2.47 0.00	52.89 2.76 0.00	51.01 3.20 0.00	50.46 3.18 0.00	52.27 3.30 0.00	65.05 3.69 0.00	66.06 3.91 0.00	64.94 4.32 0.00	64.39 4.97 0.00	64.62 5.49 0.00	65.75 5.95 0.00	58.20 4.92 0.00	69.33 4.85 0.00	76.18 4.42 0.00	62.55 2.86 0.00	56.68 1.73 0.00	60.13 2.08 0.00
FENNER___WINDPWR 24204	44.57 1.16 0.00	46.21 1.08 0.00	41.84 0.93 0.00	39.41 0.85 0.00	36.59 0.84 0.00	42.36 1.00 0.00	54.04 1.22 0.00	53.83 1.23 0.00	51.21 1.08 0.00	48.84 1.02 0.00	48.22 0.94 0.00	49.81 0.85 0.00	62.40 1.04 0.00	63.34 1.19 0.00	61.94 1.32 0.00	60.84 1.42 0.00	60.71 1.58 0.00	61.62 1.82 0.00	55.22 1.94 0.00	66.98 2.50 0.00	74.46 2.70 0.00	61.87 2.19 0.00	56.66 1.71 0.00	59.65 1.60 0.00
FIBERTEK___ENERGY 23856	43.53 0.12 0.00	45.13 0.00 0.00	40.88 -0.03 0.00	38.51 -0.05 0.00	35.76 0.00 0.00	41.34 -0.03 0.00	52.63 -0.19 0.00	52.43 -0.17 0.00	49.89 -0.24 0.00	47.57 -0.24 0.00	47.03 -0.25 0.00	48.59 -0.37 0.00	60.99 -0.37 0.00	61.78 -0.37 0.00	60.28 -0.35 0.00	59.16 -0.26 0.00	59.03 -0.10 0.00	60.02 0.22 0.00	53.67 0.39 0.00	64.86 0.38 0.00	72.00 0.24 0.00	59.95 0.27 0.00	54.99 0.04 0.00	58.02 -0.03 0.00
FITZPATRICK___ 23598	42.32 -1.09 0.00	43.93 -1.20 0.00	39.81 -1.10 0.00	37.51 -1.04 0.00	34.81 -0.94 0.00	40.24 -1.13 0.00	51.24 -1.58 0.00	51.01 -1.60 0.00	48.55 -1.58 0.00	46.32 -1.49 0.00	45.76 -1.52 0.00	47.33 -1.63 0.00	59.33 -2.03 0.00	60.11 -2.04 0.00	58.55 -2.07 0.00	57.44 -1.99 0.00	57.28 -1.86 0.00	58.09 -1.71 0.00	51.89 -1.39 0.00	62.70 -1.78 0.00	69.67 -2.09 0.00	58.08 -1.61 0.00	53.41 -1.54 0.00	56.39 -1.66 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.89 2.48 0.00	47.69 2.56 0.00	43.36 2.44 0.00	40.70 2.14 0.00	37.70 1.95 0.00	43.53 2.17 0.00	55.25 2.43 0.00	55.23 2.63 0.00	52.90 2.78 0.00	50.77 2.96 0.00	50.22 2.94 0.00	52.11 3.14 0.00	64.94 3.59 0.00	65.74 3.59 0.00	64.55 3.93 0.00	63.86 4.43 0.00	64.04 4.90 0.00	65.26 5.46 0.00	57.95 4.67 0.00	69.22 4.74 0.00	76.16 4.40 0.00	62.55 2.86 0.00	56.83 1.88 0.00	60.59 2.54 0.00
FORT ORANGE___ 23900	43.77 0.37 0.00	45.68 0.55 0.00	41.64 0.72 0.00	39.24 0.68 0.00	36.38 0.63 0.00	42.01 0.65 0.00	53.28 0.46 0.00	53.03 0.42 0.00	50.59 0.46 0.00	48.36 0.55 0.00	47.55 0.28 0.00	49.16 0.19 0.00	61.28 -0.08 0.00	62.14 -0.01 0.00	60.98 0.36 0.00	60.06 0.64 0.00	59.79 0.66 0.00	60.85 1.05 0.00	54.38 1.09 0.00	65.35 0.87 0.00	72.45 0.70 0.00	59.88 0.20 0.00	54.58 -0.36 0.00	57.53 -0.52 0.00
FORT_DRUM_COGEN 23780	45.82 2.41 0.00	47.47 2.34 0.00	42.86 1.94 0.00	40.29 1.73 0.00	37.47 1.71 0.00	43.48 2.12 0.00	55.67 2.85 0.00	55.41 2.81 0.00	52.21 2.09 0.00	49.01 1.20 0.00	48.37 1.09 0.00	49.76 0.79 0.00	61.94 0.59 0.00	62.41 0.26 0.00	60.66 0.04 0.00	59.48 0.06 0.00	59.29 0.16 0.00	60.41 0.61 0.00	54.47 1.19 0.00	67.39 2.91 0.00	76.87 5.10 0.00	64.44 4.75 0.00	59.28 4.33 0.00	62.10 4.05 0.00
FOX_HILLS___ESR 323835	45.78 2.37 0.00	47.57 2.43 0.00	43.34 2.43 0.00	40.66 2.11 0.00	37.68 1.92 0.00	43.47 2.11 0.00	54.94 2.12 0.00	55.05 2.45 0.00	52.93 2.81 0.00	51.00 3.19 0.00	50.44 3.16 0.00	52.06 3.10 0.00	64.68 3.32 0.00	65.86 3.71 0.00	64.87 4.25 0.00	64.39 4.97 0.00	64.64 5.51 0.00	65.79 5.99 0.00	58.17 4.89 0.00	69.14 4.65 -0.01	75.88 4.12 -0.01	62.32 2.63 -0.01	56.50 1.55 0.00	59.95 2.02 0.13
FPL_FAR_ROCK_GT1 24212	46.48 3.07 0.00	48.53 3.40 0.00	44.14 3.23 0.00	41.36 2.80 0.00	38.25 2.49 0.00	44.07 2.70 0.00	55.61 2.79 0.00	55.45 2.85 0.00	53.19 3.06 0.00	51.44 3.63 0.00	51.24 3.96 0.00	53.24 4.25 -0.02	76.93 4.85 -10.72	67.28 5.12 -0.01	76.97 5.67 -10.68	85.57 6.00 -20.15	157.36 6.63 -91.60	282.25 7.15 -215.30	211.21 6.14 -151.79	197.50 6.23 -126.79	124.37 5.65 -46.96	125.25 3.99 -61.58	111.62 2.80 -53.88	136.87 2.97 -75.84
FPL_FAR_ROCK_GT2 23815	46.48 3.07 0.00	48.53 3.40 0.00	44.14 3.23 0.00	41.36 2.80 0.00	38.25 2.49 0.00	44.07 2.70 0.00	55.61 2.79 0.00	55.45 2.85 0.00	53.19 3.06 0.00	51.44 3.63 0.00	51.24 3.96 0.00	53.24 4.25 -0.02	76.93 4.85 -10.72	67.28 5.12 -0.01	76.97 5.67 -10.68	85.57 6.00 -20.15	157.36 6.63 -91.60	282.25 7.15 -215.30	211.21 6.14 -151.79	197.50 6.23 -126.79	124.37 5.65 -46.96	125.25 3.99 -61.58	111.62 2.80 -53.88	136.87 2.97 -75.84
FRANKLIN_FALL_HYD 24054	43.70 0.29 0.00	45.56 0.43 0.00	41.07 0.15 0.00	38.69 0.13 0.00	35.88 0.12 0.00	41.69 0.32 0.00	53.75 0.93 0.00	53.25 0.64 0.00	50.46 0.33 0.00	47.77 -0.05 0.00	47.46 0.18 0.00	49.11 0.14 0.00	61.66 0.30 0.00	62.16 0.01 0.00	60.34 -0.29 0.00	58.68 -0.74 0.00	58.24 -0.89 0.00	58.33 -1.47 0.00	52.02 -1.26 0.00	63.81 -0.67 0.00	71.67 -0.09 0.00	60.31 0.63 0.00	56.18 1.23 0.00	59.32 1.27 0.00

FREEPORT_EQUS_GT1 23764	45.94 2.53 0.00	48.01 2.88 0.00	43.71 2.80 0.00	40.94 2.39 0.00	37.86 2.10 0.00	43.61 2.25 0.00	54.96 2.14 0.00	54.81 2.20 0.00	52.56 2.43 0.00	50.79 2.98 0.00	50.56 3.28 0.00	52.62 3.64 -0.01	68.46 4.21 -2.91	66.36 4.21 0.00	69.35 4.87 -3.86	72.44 5.62 -7.40	151.51 6.24 -86.13	275.54 6.70 -209.04	207.48 5.68 -148.52	138.25 5.96 -67.81	93.05 5.34 -15.95	80.72 3.72 -17.31	73.60 2.42 -16.24	76.03 2.55 -15.42
FREEPORT___CT2 23818	45.94 2.53 0.00	48.01 2.88 0.00	43.71 2.80 0.00	40.94 2.39 0.00	37.86 2.10 0.00	43.61 2.25 0.00	54.96 2.14 0.00	54.81 2.20 0.00	52.56 2.43 0.00	50.79 2.98 0.00	50.56 3.28 0.00	52.62 3.64 -0.01	68.46 4.21 -2.91	66.36 4.21 0.00	69.35 4.87 -3.86	72.44 5.62 -7.40	151.51 6.24 -86.13	275.54 6.70 -209.04	207.48 5.68 -148.52	138.25 5.96 -67.81	93.05 5.34 -15.95	80.72 3.72 -17.31	73.60 2.42 -16.24	76.03 2.55 -15.42
FRESHKLS_33_KV_LOAD 356253	45.87 2.46 0.00	47.65 2.52 0.00	43.41 2.50 0.00	40.73 2.17 0.00	37.74 1.99 0.00	43.55 2.18 0.00	54.95 2.13 0.00	55.10 2.50 0.00	53.02 2.89 0.00	51.06 3.25 0.00	50.47 3.19 0.00	52.04 3.08 0.00	64.63 3.27 0.00	65.90 3.75 0.00	64.94 4.32 0.00	64.45 5.03 0.00	64.72 5.59 0.00	65.91 6.11 0.00	58.28 4.99 0.00	69.25 4.76 -0.01	76.01 4.24 -0.01	62.40 2.70 -0.01	56.57 1.62 0.00	60.00 2.08 0.13
FULTON COGEN____ 23766	42.87 -0.54 0.00	44.46 -0.67 0.00	40.29 -0.62 0.00	37.95 -0.61 0.00	35.26 -0.50 0.00	40.75 -0.62 0.00	51.84 -0.98 0.00	51.62 -0.98 0.00	49.12 -1.00 0.00	46.84 -0.97 0.00	46.27 -1.01 0.00	47.83 -1.13 0.00	59.88 -1.48 0.00	60.66 -1.49 0.00	59.14 -1.48 0.00	58.08 -1.34 0.00	57.93 -1.20 0.00	58.85 -0.95 0.00	52.60 -0.68 0.00	63.61 -0.88 0.00	70.67 -1.09 0.00	58.95 -0.74 0.00	54.16 -0.79 0.00	57.12 -0.93 0.00
FULTON___LFGE 323630	46.28 2.87 0.00	47.96 2.83 0.00	43.43 2.52 0.00	40.96 2.40 0.00	38.00 2.25 0.00	44.01 2.64 0.00	55.83 3.01 0.00	55.28 2.68 0.00	51.82 1.70 0.00	49.53 1.72 0.00	48.54 1.26 0.00	50.56 1.60 0.00	62.79 1.43 0.00	63.65 1.50 0.00	62.40 1.78 0.00	61.23 1.81 0.00	61.04 1.90 0.00	62.64 2.84 0.00	56.92 3.64 0.00	69.38 4.90 0.00	77.53 5.77 0.00	64.43 4.74 0.00	59.04 4.10 0.00	62.24 4.18 0.00
G.F.CEMENT___DRP 24184	46.07 2.66 0.00	47.96 2.83 0.00	43.53 2.62 0.00	41.05 2.50 0.00	38.10 2.35 0.00	44.12 2.76 0.00	56.09 3.27 0.00	55.90 3.30 0.00	53.39 3.26 0.00	51.06 3.24 0.00	49.80 2.52 0.00	51.60 2.64 0.00	64.55 3.19 0.00	65.39 3.24 0.00	64.18 3.56 0.00	63.28 3.85 0.00	63.15 4.02 0.00	64.78 4.98 0.00	58.20 4.92 0.00	70.06 5.58 0.00	78.64 6.88 0.00	64.97 5.28 0.00	59.18 4.24 0.00	62.21 4.16 0.00
GARDENVILLE___LBMP 24039	43.13 -0.27 0.00	44.59 -0.54 0.00	40.05 -0.86 0.00	37.69 -0.86 0.00	35.16 -0.59 0.00	40.75 -0.62 0.00	52.12 -0.69 0.00	51.11 -1.49 0.00	48.40 -1.73 0.00	46.46 -1.35 0.00	46.55 -0.72 0.00	48.42 -0.54 0.00	61.80 0.45 0.00	62.15 0.00 0.00	60.58 -0.04 0.00	59.50 0.08 0.00	59.85 0.72 0.00	61.06 1.26 0.00	54.46 1.18 0.00	65.77 1.29 0.00	72.50 0.74 0.00	60.82 1.13 0.00	55.88 0.93 0.00	59.12 1.07 0.00
GARDNVLA_35_KV_LD 355827	43.26 -0.15 0.00	44.69 -0.44 0.00	40.15 -0.76 0.00	37.79 -0.77 0.00	35.26 -0.49 0.00	40.84 -0.52 0.00	52.27 -0.55 0.00	51.29 -1.32 0.00	48.61 -1.52 0.00	46.69 -1.12 0.00	46.87 -0.41 0.00	48.77 -0.20 0.00	62.23 0.87 0.00	62.52 0.37 0.00	60.95 0.33 0.00	59.87 0.45 0.00	60.21 1.08 0.00	61.45 1.65 0.00	54.79 1.50 0.00	66.18 1.70 0.00	72.96 1.20 0.00	61.19 1.50 0.00	56.19 1.25 0.00	59.40 1.35 0.00
GELCKHM___115KV_LOAD 80723	43.20 -0.21 0.00	44.81 -0.32 0.00	40.59 -0.32 0.00	38.24 -0.32 0.00	35.51 -0.25 0.00	41.05 -0.31 0.00	52.25 -0.56 0.00	52.05 -0.56 0.00	49.54 -0.59 0.00	47.28 -0.54 0.00	46.75 -0.53 0.00	48.32 -0.65 0.00	60.63 -0.73 0.00	61.42 -0.73 0.00	59.89 -0.73 0.00	58.78 -0.64 0.00	58.65 -0.48 0.00	59.62 -0.18 0.00	53.27 -0.01 0.00	64.37 -0.11 0.00	71.43 -0.33 0.00	59.48 -0.20 0.00	54.59 -0.35 0.00	57.59 -0.46 0.00
GENERAL___MILLS 23808	43.18 -0.23 0.00	44.62 -0.51 0.00	40.09 -0.83 0.00	37.73 -0.82 0.00	35.20 -0.56 0.00	40.78 -0.59 0.00	52.18 -0.64 0.00	51.20 -1.41 0.00	48.50 -1.63 0.00	46.58 -1.23 0.00	46.75 -0.53 0.00	48.63 -0.33 0.00	62.04 0.69 0.00	62.30 0.15 0.00	60.74 0.12 0.00	59.67 0.24 0.00	60.00 0.87 0.00	61.22 1.42 0.00	54.60 1.32 0.00	65.97 1.49 0.00	72.71 0.95 0.00	60.99 1.30 0.00	56.02 1.08 0.00	59.26 1.21 0.00
GE_PLASTICS___DRP 24183	43.70 0.29 0.00	45.72 0.59 0.00	41.73 0.82 0.00	39.35 0.79 0.00	36.48 0.73 0.00	42.12 0.75 0.00	53.41 0.59 0.00	53.16 0.55 0.00	50.77 0.64 0.00	48.59 0.78 0.00	47.78 0.50 0.00	49.23 0.26 0.00	61.31 -0.05 0.00	62.06 -0.09 0.00	60.85 0.23 0.00	59.89 0.46 0.00	59.70 0.57 0.00	60.65 0.85 0.00	54.07 0.79 0.00	64.98 0.50 0.00	72.02 0.26 0.00	59.49 -0.20 0.00	54.30 -0.65 0.00	57.32 -0.74 0.00
GILBOA___1 23756	44.22 0.81 0.00	46.05 0.92 0.00	42.18 1.27 0.00	39.95 1.40 0.00	37.04 1.28 0.00	42.63 1.26 0.00	53.75 0.94 0.00	53.39 0.79 0.00	51.00 0.87 0.00	48.86 1.04 0.00	48.23 0.95 0.00	49.95 0.98 0.00	62.42 1.07 0.00	63.29 1.15 0.00	62.02 1.40 0.00	61.09 1.67 0.00	61.01 1.88 0.00	61.90 2.10 0.00	55.14 1.85 0.00	66.24 1.76 0.00	73.46 1.70 0.00	60.69 1.00 0.00	55.39 0.45 0.00	58.58 0.52 0.00
GILBOA___2 23757	44.22 0.81 0.00	46.05 0.92 0.00	42.18 1.27 0.00	39.95 1.40 0.00	37.04 1.28 0.00	42.63 1.26 0.00	53.75 0.94 0.00	53.39 0.79 0.00	51.00 0.87 0.00	48.86 1.04 0.00	48.23 0.95 0.00	49.95 0.98 0.00	62.42 1.07 0.00	63.29 1.15 0.00	62.02 1.40 0.00	61.09 1.67 0.00	61.01 1.88 0.00	61.90 2.10 0.00	55.14 1.85 0.00	66.24 1.76 0.00	73.46 1.70 0.00	60.69 1.00 0.00	55.39 0.45 0.00	58.58 0.52 0.00
GILBOA___3 23758	44.22 0.81 0.00	46.05 0.92 0.00	42.18 1.27 0.00	39.95 1.40 0.00	37.04 1.28 0.00	42.63 1.26 0.00	53.75 0.94 0.00	53.39 0.79 0.00	51.00 0.87 0.00	48.86 1.04 0.00	48.23 0.95 0.00	49.95 0.98 0.00	62.42 1.07 0.00	63.29 1.15 0.00	62.02 1.40 0.00	61.09 1.67 0.00	61.01 1.88 0.00	61.90 2.10 0.00	55.14 1.85 0.00	66.24 1.76 0.00	73.46 1.70 0.00	60.69 1.00 0.00	55.39 0.45 0.00	58.58 0.52 0.00
GILBOA___4 23759	44.22 0.81 0.00	46.05 0.92 0.00	42.18 1.27 0.00	39.95 1.40 0.00	37.04 1.28 0.00	42.63 1.26 0.00	53.75 0.94 0.00	53.39 0.79 0.00	51.00 0.87 0.00	48.86 1.04 0.00	48.23 0.95 0.00	49.95 0.98 0.00	62.42 1.07 0.00	63.29 1.15 0.00	62.02 1.40 0.00	61.09 1.67 0.00	61.01 1.88 0.00	61.90 2.10 0.00	55.14 1.85 0.00	66.24 1.76 0.00	73.46 1.70 0.00	60.69 1.00 0.00	55.39 0.45 0.00	58.58 0.52 0.00

GILBOA____ 23599	44.22 0.81 0.00	46.05 0.92 0.00	42.18 1.27 0.00	39.95 1.40 0.00	37.04 1.28 0.00	42.63 1.27 0.00	53.76 0.94 0.00	53.39 0.79 0.00	51.00 0.88 0.00	48.86 1.04 0.00	48.23 0.96 0.00	49.95 0.98 0.00	62.42 1.07 0.00	63.29 1.14 0.00	62.02 1.40 0.00	61.09 1.67 0.00	61.02 1.89 0.00	61.90 2.10 0.00	55.14 1.86 0.00	66.24 1.76 0.00	73.46 1.70 0.00	60.70 1.01 0.00	55.39 0.45 0.00	58.58 0.53 0.00
GINNA____ 23603	41.63 -1.78 0.00	43.10 -2.04 0.00	38.87 -2.04 0.00	36.58 -1.98 0.00	34.02 -1.73 0.00	39.41 -1.96 0.00	50.39 -2.43 0.00	49.90 -2.70 0.00	47.49 -2.63 0.00	45.45 -2.36 0.00	45.26 -2.02 0.00	47.02 -1.94 0.00	59.67 -1.68 0.00	60.34 -1.81 0.00	58.71 -1.91 0.00	57.66 -1.77 0.00	57.75 -1.38 0.00	58.75 -1.05 0.00	52.40 -0.88 0.00	63.24 -1.24 0.00	70.06 -1.70 0.00	58.47 -1.22 0.00	53.61 -1.33 0.00	56.42 -1.64 0.00
GLEN PARK____ 23778	46.03 2.62 0.00	47.68 2.55 0.00	43.03 2.12 0.00	40.45 1.90 0.00	37.62 1.87 0.00	43.67 2.30 0.00	55.91 3.09 0.00	55.63 3.03 0.00	52.41 2.29 0.00	49.27 1.45 0.00	48.66 1.38 0.00	50.01 1.04 0.00	62.18 0.82 0.00	62.60 0.45 0.00	60.76 0.14 0.00	59.60 0.17 0.00	59.41 0.28 0.00	60.63 0.83 0.00	54.75 1.46 0.00	67.83 3.35 0.00	77.42 5.66 0.00	64.93 5.24 0.00	59.68 4.73 0.00	62.48 4.43 0.00
GLENDALE_27_KV_LOAD 356172	45.85 2.44 0.00	47.76 2.62 0.00	43.56 2.65 0.00	40.88 2.32 0.00	37.89 2.14 0.00	43.73 2.37 0.00	55.38 2.57 0.00	55.46 2.86 0.00	53.30 3.17 0.00	51.41 3.59 0.00	50.79 3.51 0.00	52.56 3.59 0.00	65.31 3.96 0.00	66.37 4.22 0.00	65.29 4.68 0.00	64.73 5.31 0.00	64.98 5.85 0.00	66.06 6.26 0.00	58.46 5.18 0.00	69.53 5.05 0.00	71.50 4.59 4.85	53.95 3.01 8.75	52.75 1.89 4.08	54.63 2.27 5.69
GLENWOOD_IC_1_G5 23712	45.81 2.39 0.00	47.76 2.63 0.00	43.49 2.57 0.00	40.78 2.22 0.00	37.74 1.99 0.00	43.53 2.16 0.00	55.04 2.23 0.00	54.97 2.37 0.00	52.72 2.60 0.00	50.76 2.95 0.00	50.60 3.32 0.00	52.55 3.58 0.00	66.63 3.79 -1.48	66.17 4.02 0.00	67.78 4.55 -2.61	69.71 5.24 -5.05	150.77 5.83 -85.81	277.65 6.52 -211.34	206.53 5.34 -147.92	126.99 5.54 -56.97	87.06 5.04 -10.25	72.13 3.34 -9.11	65.31 2.04 -8.33	67.78 2.42 -7.31
GLENWOOD_IC_2_G1 23688	45.61 2.20 0.00	47.54 2.41 0.00	43.28 2.37 0.00	40.61 2.06 0.00	37.60 1.85 0.00	43.37 2.01 0.00	54.87 2.06 0.00	54.81 2.20 0.00	52.56 2.43 0.00	50.68 2.87 0.00	50.30 3.02 0.00	52.19 3.22 0.00	65.00 3.65 0.00	66.03 3.88 0.00	66.27 4.34 -1.31	67.03 4.98 -2.63	149.80 5.54 -85.13	277.92 6.06 -212.06	205.65 5.08 -147.29	115.35 5.12 -45.75	80.75 4.64 -4.35	63.42 3.04 -0.69	56.80 1.86 0.00	60.17 2.11 0.00
GLENWOOD_IC_3_G1 23689	45.61 2.20 0.00	47.54 2.41 0.00	43.28 2.37 0.00	40.61 2.06 0.00	37.60 1.85 0.00	43.37 2.01 0.00	54.87 2.06 0.00	54.81 2.20 0.00	52.56 2.43 0.00	50.68 2.87 0.00	50.30 3.02 0.00	52.19 3.22 0.00	65.00 3.65 0.00	66.03 3.88 0.00	66.27 4.34 -1.31	67.03 4.98 -2.63	149.80 5.54 -85.13	277.92 6.06 -212.06	205.65 5.08 -147.29	115.35 5.12 -45.75	80.75 4.64 -4.35	63.42 3.04 -0.69	56.80 1.86 0.00	60.17 2.11 0.00
GLENWOOD____4 23550	45.81 2.39 0.00	47.76 2.63 0.00	43.49 2.57 0.00	40.78 2.22 0.00	37.74 1.99 0.00	43.53 2.16 0.00	55.04 2.23 0.00	54.97 2.37 0.00	52.73 2.60 0.00	50.81 3.00 0.00	50.60 3.32 0.00	52.55 3.59 0.00	66.78 3.95 -1.48	66.32 4.17 0.00	67.92 4.69 -2.61	69.85 5.38 -5.05	150.89 5.95 -85.81	277.73 6.60 -211.34	206.65 5.46 -147.92	127.07 5.61 -56.97	87.14 5.13 -10.25	72.21 3.41 -9.11	65.38 2.10 -8.33	67.78 2.42 -7.31
GLENWOOD____5 23614	45.81 2.39 0.00	47.76 2.63 0.00	43.49 2.57 0.00	40.78 2.22 0.00	37.74 1.99 0.00	43.53 2.16 0.00	55.04 2.23 0.00	54.97 2.37 0.00	52.73 2.60 0.00	50.81 3.00 0.00	50.60 3.32 0.00	52.55 3.59 0.00	66.78 3.95 -1.48	66.32 4.17 0.00	67.92 4.69 -2.61	69.85 5.38 -5.05	150.89 5.95 -85.81	277.73 6.60 -211.34	206.65 5.46 -147.92	127.07 5.61 -56.97	87.14 5.13 -10.25	72.21 3.41 -9.11	65.38 2.10 -8.33	67.78 2.42 -7.31
GLOBAL GREEN_PORT_GT1 23814	47.67 4.27 0.00	50.16 5.02 0.00	45.74 4.83 0.00	42.74 4.18 0.00	39.19 3.44 0.00	44.83 3.47 0.00	56.43 3.61 0.00	55.80 3.20 0.00	52.48 3.55 1.20	50.74 4.59 1.66	52.72 5.44 0.00	306.25 5.86 -251.42	191.49 5.99 -124.15	161.34 6.30 -92.89	253.90 7.25 -186.03	293.48 8.17 -225.89	271.50 8.93 -203.43	286.77 9.86 -217.11	305.67 8.66 -243.73	274.80 8.97 -201.34	214.25 8.23 -134.26	62.98 6.86 3.57	55.09 4.80 4.66	41.63 4.86 21.28
GLOBE____DSASP 323697	41.90 -1.51 0.00	43.36 -1.77 0.00	38.96 -1.95 0.00	36.71 -1.85 0.00	34.21 -1.55 0.00	39.61 -1.76 0.00	50.72 -2.10 0.00	49.54 -3.07 0.00	46.81 -3.32 0.00	44.94 -2.87 0.00	45.10 -2.18 0.00	46.93 -2.04 0.00	60.05 -1.31 0.00	60.19 -1.96 0.00	58.60 -2.02 0.00	57.54 -1.89 0.00	57.85 -1.29 0.00	58.87 -0.92 0.00	52.28 -1.00 0.00	63.06 -1.42 0.00	69.68 -2.08 0.00	58.63 -1.05 0.00	54.08 -0.87 0.00	57.21 -0.84 0.00
GOETHSLN____LBMP 323567	45.38 1.97 0.00	47.28 2.15 0.00	43.07 2.16 0.00	40.41 1.86 0.00	37.46 1.70 0.00	43.24 1.87 0.00	54.73 1.92 0.00	54.77 2.16 0.00	52.59 2.47 0.00	50.72 2.91 0.00	50.19 2.91 0.00	51.98 3.02 0.00	64.64 3.29 0.00	65.66 3.51 0.00	64.52 3.90 0.00	63.98 4.56 0.00	64.20 5.07 0.00	65.33 5.53 0.00	57.82 4.54 0.00	68.89 4.41 0.00	75.70 3.94 0.00	62.15 2.46 0.00	56.31 1.37 0.01	59.62 1.71 0.14
GOLAH____69_KV_TB 1_2 80279	43.85 0.44 0.00	45.36 0.24 0.00	40.85 -0.06 0.00	38.44 -0.12 0.00	35.75 0.00 0.00	41.45 0.09 0.00	53.06 0.24 0.00	52.33 -0.28 0.00	49.67 -0.45 0.00	47.55 -0.26 0.00	47.44 0.16 0.00	49.28 0.32 0.00	62.72 1.37 0.00	63.33 1.18 0.00	61.58 0.96 0.00	60.52 1.10 0.00	60.72 1.59 0.00	61.89 2.09 0.00	55.23 1.95 0.00	66.60 2.12 0.00	73.87 2.11 0.00	61.79 2.10 0.00	56.68 1.74 0.00	59.70 1.64 0.00
GOODYEAR_LAKE_HYD 323669	45.18 1.77 0.00	46.87 1.74 0.00	42.58 1.67 0.00	40.16 1.60 0.00	37.27 1.52 0.00	43.06 1.70 0.00	54.71 1.90 0.00	54.54 1.94 0.00	51.99 1.87 0.00	49.74 1.92 0.00	49.26 1.99 0.00	51.02 2.06 0.00	63.92 2.56 0.00	64.92 2.77 0.00	63.45 2.83 0.00	62.35 2.93 0.00	62.35 3.22 0.00	63.30 3.50 0.00	56.51 3.23 0.00	68.19 3.71 0.00	75.53 3.77 0.00	62.64 2.95 0.00	57.30 2.35 0.00	60.50 2.44 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.94 0.53 0.00	45.54 0.41 0.00	41.28 0.36 0.00	38.85 0.29 0.00	36.16 0.40 0.00	41.79 0.42 0.00	53.12 0.30 0.00	52.83 0.22 0.00	50.31 0.19 0.00	48.31 0.50 0.00	47.75 0.47 0.00	49.38 0.41 0.00	62.02 0.66 0.00	62.76 0.61 0.00	61.40 0.78 0.00	60.38 0.95 0.00	60.46 1.33 0.00	61.69 1.89 0.00	54.93 1.64 0.00	66.39 1.91 0.00	73.18 1.42 0.00	60.79 1.11 0.00	55.54 0.60 0.00	58.72 0.66 0.00

GOUDEY___7 23579	43.94 0.53 0.00	45.54 0.41 0.00	41.28 0.36 0.00	38.85 0.29 0.00	36.16 0.40 0.00	41.79 0.42 0.00	53.12 0.30 0.00	52.83 0.22 0.00	50.31 0.19 0.00	48.31 0.50 0.00	47.75 0.47 0.00	49.38 0.41 0.00	62.02 0.66 0.00	62.76 0.61 0.00	61.40 0.78 0.00	60.38 0.95 0.00	60.46 1.33 0.00	61.69 1.89 0.00	54.93 1.64 0.00	66.39 1.91 0.00	73.18 1.42 0.00	60.79 1.11 0.00	55.54 0.60 0.00	58.72 0.66 0.00
GOUDEY___8 23580	43.94 0.53 0.00	45.54 0.41 0.00	41.28 0.36 0.00	38.85 0.29 0.00	36.16 0.40 0.00	41.79 0.42 0.00	53.12 0.30 0.00	52.83 0.22 0.00	50.31 0.19 0.00	48.31 0.50 0.00	47.75 0.47 0.00	49.38 0.41 0.00	62.02 0.66 0.00	62.76 0.61 0.00	61.40 0.78 0.00	60.38 0.95 0.00	60.46 1.33 0.00	61.69 1.89 0.00	54.93 1.64 0.00	66.39 1.91 0.00	73.18 1.42 0.00	60.79 1.11 0.00	55.54 0.60 0.00	58.72 0.66 0.00
GOWANUS_GT1_1 24077	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT1_2 24078	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT1_3 24079	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT1_4 24080	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT1_5 24084	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT1_6 24111	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT1_7 24112	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT1_8 24113	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT2_1 24114	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT2_2 24115	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT2_3 24116	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT2_4 24117	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT2_5 24118	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13

GOWANUS_GT2_6 24119	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT2_7 24120	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT2_8 24121	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT3_1 24122	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT3_2 24123	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT3_3 24124	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT3_4 24125	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT3_5 24126	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT3_6 24127	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT3_7 24128	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT3_8 24129	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
GOWANUS_GT4_1 24130	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT4_2 24131	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT4_3 24132	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT4_4 24133	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13

GOWANUS_GT4_5 24134	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT4_6 24135	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT4_7 24136	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GOWANUS_GT4_8 24137	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GREATVRV_69_KV_BK1 356245	46.57 3.16 0.00	48.72 3.59 0.00	44.35 3.44 0.00	41.51 2.96 0.00	38.32 2.56 0.00	44.10 2.73 0.00	55.59 2.77 0.00	55.35 2.74 0.00	51.75 2.93 1.30	49.61 3.59 1.79	51.23 3.95 0.00	197.48 4.39 -144.12	140.55 5.19 -74.00	125.96 5.36 -58.45	178.56 5.96 -111.98	202.33 6.75 -136.15	221.21 7.57 -154.51	282.29 8.35 -214.15	265.61 7.09 -205.24	209.82 7.27 -138.07	160.21 6.68 -81.77	61.49 4.57 2.77	54.49 2.99 3.45	42.15 3.17 19.07
GREENBSH_115KV_TB3 55895	43.73 0.32 0.00	45.63 0.49 0.00	41.60 0.68 0.00	39.20 0.64 0.00	36.35 0.60 0.00	41.97 0.61 0.00	53.21 0.40 0.00	52.97 0.37 0.00	50.61 0.48 0.00	48.45 0.64 0.00	47.66 0.38 0.00	49.26 0.30 0.00	61.46 0.10 0.00	62.28 0.14 0.00	61.10 0.48 0.00	60.15 0.73 0.00	59.92 0.79 0.00	60.92 1.12 0.00	54.35 0.77 0.00	65.26 1.07 0.00	72.34 0.58 0.00	59.72 0.03 0.00	54.47 -0.47 0.00	57.46 -0.59 0.00
GREENDGE_115KV_TB5 80291	44.26 0.85 0.00	45.76 0.63 0.00	41.34 0.43 0.00	38.86 0.31 0.00	36.24 0.48 0.00	41.96 0.60 0.00	53.17 0.35 0.00	52.81 0.20 0.00	50.46 0.33 0.00	48.18 0.36 0.00	47.65 0.37 0.00	49.12 0.16 0.00	61.97 0.62 0.00	62.66 0.51 0.00	61.22 0.60 0.00	60.09 0.67 0.00	60.20 1.06 0.00	61.68 1.88 0.00	55.20 1.92 0.00	66.87 2.39 0.00	73.76 2.00 0.00	61.44 1.76 0.00	56.13 1.18 0.00	59.17 1.12 0.00
GREENIDGE___3 23582	44.26 0.85 0.00	45.76 0.63 0.00	41.34 0.43 0.00	38.86 0.31 0.00	36.24 0.48 0.00	41.96 0.60 0.00	53.17 0.35 0.00	52.81 0.20 0.00	50.46 0.33 0.00	48.18 0.36 0.00	47.65 0.37 0.00	49.12 0.16 0.00	61.97 0.62 0.00	62.66 0.51 0.00	61.22 0.60 0.00	60.09 0.67 0.00	60.20 1.06 0.00	61.68 1.88 0.00	55.20 1.92 0.00	66.87 2.39 0.00	73.76 2.00 0.00	61.44 1.76 0.00	56.13 1.18 0.00	59.17 1.12 0.00
GREENIDGE___4 23583	44.26 0.85 0.00	45.77 0.63 0.00	41.34 0.43 0.00	38.86 0.30 0.00	36.24 0.48 0.00	41.96 0.60 0.00	53.17 0.35 0.00	52.81 0.20 0.00	50.45 0.33 0.00	48.18 0.37 0.00	47.65 0.37 0.00	49.12 0.16 0.00	61.98 0.62 0.00	62.66 0.51 0.00	61.22 0.60 0.00	60.09 0.66 0.00	60.19 1.06 0.00	61.68 1.88 0.00	55.20 1.92 0.00	66.87 2.39 0.00	73.76 2.00 0.00	61.45 1.76 0.00	56.13 1.18 0.00	59.16 1.11 0.00
GREENLWN_69_KV_BK 3 55738	45.06 1.65 0.00	47.25 2.12 0.00	43.10 2.18 0.00	40.38 1.83 0.00	37.32 1.56 0.00	42.96 1.59 0.00	54.02 1.20 0.00	53.65 1.05 0.00	47.19 1.14 4.08	45.10 1.80 4.51	49.37 2.09 0.00	31.57 2.41 19.81	37.01 2.65 26.99	36.23 2.91 28.83	21.74 3.69 42.58	15.75 4.59 48.27	128.78 5.24 -64.40	273.46 5.91 -207.75	181.83 5.12 -123.43	74.06 4.88 -4.70	47.18 3.93 28.51	57.63 2.17 4.23	51.82 0.86 3.98	39.03 0.93 19.96
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13
GRISSOM___SOLAR 323813	46.17 2.76 0.00	47.87 2.74 0.00	43.38 2.47 0.00	40.91 2.35 0.00	37.95 2.19 0.00	43.93 2.56 0.00	55.66 2.85 0.00	55.00 2.40 0.00	51.47 1.34 0.00	49.29 1.47 0.00	48.23 0.95 0.00	50.29 1.32 0.00	62.41 1.06 0.00	63.09 0.94 0.00	61.93 1.31 0.00	60.88 1.46 0.00	60.62 1.49 0.00	62.37 2.57 0.00	56.78 3.49 0.00	69.19 4.71 0.00	77.32 5.56 0.00	64.19 4.51 0.00	58.77 3.83 0.00	61.94 3.89 0.00
GROVEVILLE___HYD 323602	45.89 2.48 0.00	47.69 2.56 0.00	43.36 2.44 0.00	40.70 2.14 0.00	37.70 1.95 0.00	43.53 2.17 0.00	55.25 2.43 0.00	55.23 2.63 0.00	52.90 2.78 0.00	50.77 2.96 0.00	50.22 2.94 0.00	52.11 3.14 0.00	64.94 3.59 0.00	65.74 3.59 0.00	64.55 3.93 0.00	63.86 4.43 0.00	64.04 4.90 0.00	65.26 5.46 0.00	57.95 4.67 0.00	69.22 4.74 0.00	76.16 4.40 0.00	62.55 2.86 0.00	56.83 1.88 0.00	60.59 2.54 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.53 0.12 0.00	45.13 0.00 0.00	40.88 -0.03 0.00	38.51 -0.05 0.00	35.76 0.00 0.00	41.34 -0.03 0.00	52.63 -0.19 0.00	52.43 -0.17 0.00	49.89 -0.24 0.00	47.57 -0.24 0.00	47.03 -0.25 0.00	48.59 -0.37 0.00	60.99 -0.37 0.00	61.78 -0.37 0.00	60.28 -0.35 0.00	59.16 -0.26 0.00	59.03 -0.10 0.00	60.02 0.22 0.00	53.67 0.39 0.00	64.86 0.38 0.00	72.00 0.24 0.00	59.95 0.27 0.00	54.99 0.04 0.00	58.02 -0.03 0.00
HAMLTNNY_34_KV_TB 80303	43.68 0.27 0.00	45.30 0.17 0.00	41.01 0.10 0.00	38.60 0.05 0.00	35.84 0.09 0.00	41.46 0.09 0.00	52.81 -0.01 0.00	52.57 -0.04 0.00	49.94 -0.19 0.00	47.63 -0.18 0.00	47.14 -0.13 0.00	48.72 -0.24 0.00	61.33 -0.03 0.00	62.17 0.02 0.00	60.66 0.04 0.00	59.51 0.09 0.00	59.42 0.29 0.00	60.40 0.60 0.00	54.04 0.76 0.00	65.37 0.89 0.00	72.61 0.85 0.00	60.44 0.76 0.00	55.46 0.52 0.00	58.49 0.44 0.00

HAMPSHIRE___PAPER_HYD 323593	44.44 1.03 0.00	46.15 1.02 0.00	41.65 0.74 0.00	39.18 0.63 0.00	36.42 0.66 0.00	42.28 0.91 0.00	54.34 1.52 0.00	54.08 1.48 0.00	51.11 0.98 0.00	48.02 0.21 0.00	47.25 -0.03 0.00	48.99 0.02 0.00	61.19 -0.17 0.00	61.83 -0.32 0.00	60.03 -0.60 0.00	58.57 -0.85 0.00	58.14 -0.99 0.00	58.60 -1.20 0.00	52.57 -0.72 0.00	64.67 0.19 0.00	73.24 1.48 0.00	61.55 1.87 0.00	57.20 2.25 0.00	60.32 2.27 0.00
HARDSCRABBLE_WT_PWR 323673	44.30 0.89 0.00	46.17 1.04 0.00	42.02 1.10 0.00	39.57 1.02 0.00	36.71 0.96 0.00	42.42 1.05 0.00	53.64 0.82 0.00	53.23 0.63 0.00	50.56 0.43 0.00	48.50 0.68 0.00	47.45 0.17 0.00	49.24 0.28 0.00	61.22 -0.13 0.00	62.05 -0.10 0.00	61.05 0.43 0.00	60.41 0.99 0.00	60.12 0.99 0.00	61.97 2.16 0.00	55.71 2.43 0.00	67.28 2.80 0.00	74.75 2.99 0.00	61.56 1.87 0.00	55.91 0.97 0.00	58.76 0.70 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.58 2.18 0.00	47.39 2.25 0.00	43.07 2.16 0.00	40.42 1.87 0.00	37.46 1.71 0.00	43.25 1.88 0.00	54.88 2.06 0.00	54.83 2.22 0.00	52.55 2.43 0.00	50.56 2.75 0.00	50.10 2.82 0.00	52.00 3.04 0.00	65.00 3.65 0.00	66.05 3.90 0.00	64.87 4.25 0.00	64.19 4.77 0.00	64.37 5.24 0.00	65.61 5.81 0.00	58.22 4.94 0.00	69.52 5.03 0.00	76.46 4.70 0.00	62.86 3.18 0.00	56.98 2.04 0.00	60.27 2.21 0.00
HARSNRAD_115KV_TB1 81005	42.48 -0.93 0.00	43.96 -1.17 0.00	39.43 -1.48 0.00	37.14 -1.42 0.00	34.62 -1.14 0.00	40.16 -1.20 0.00	51.38 -1.44 0.00	50.14 -2.47 0.00	47.35 -2.78 0.00	45.45 -2.36 0.00	45.61 -1.67 0.00	47.46 -1.51 0.00	60.74 -0.61 0.00	60.95 -1.20 0.00	59.32 -1.30 0.00	58.26 -1.16 0.00	58.56 -0.57 0.00	59.61 -0.19 0.00	53.31 0.03 0.00	64.33 -0.15 0.00	71.10 -0.66 0.00	59.84 0.15 0.00	55.11 0.16 0.00	58.46 0.41 0.00
HARZA MOOSE___RIVER 24016	45.07 1.66 0.00	46.75 1.62 0.00	42.30 1.39 0.00	39.81 1.25 0.00	36.97 1.22 0.00	42.84 1.48 0.00	54.80 1.98 0.00	54.59 1.98 0.00	51.72 1.59 0.00	48.96 1.15 0.00	48.25 0.97 0.00	49.88 0.91 0.00	62.28 0.92 0.00	63.11 0.96 0.00	61.63 1.01 0.00	60.52 1.10 0.00	60.33 1.21 0.00	61.16 1.36 0.00	54.90 1.62 0.00	67.00 2.52 0.00	75.30 3.54 0.00	62.80 3.12 0.00	57.71 2.76 0.00	60.69 2.64 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	43.23 -0.18 0.00	44.83 -0.30 0.00	40.62 -0.29 0.00	38.25 -0.31 0.00	35.54 -0.22 0.00	41.08 -0.29 0.00	52.31 -0.51 0.00	52.09 -0.52 0.00	49.59 -0.54 0.00	47.36 -0.45 0.00	46.82 -0.46 0.00	48.35 -0.61 0.00	60.67 -0.69 0.00	61.47 -0.68 0.00	59.94 -0.68 0.00	58.85 -0.58 0.00	58.75 -0.38 0.00	59.71 -0.09 0.00	53.32 0.04 0.00	64.42 -0.06 0.00	71.45 -0.31 0.00	59.49 -0.20 0.00	54.59 -0.35 0.00	57.56 -0.50 0.00
HELLGATE_13_KV_LD 55870	45.99 2.58 0.00	47.92 2.79 0.00	43.71 2.80 0.00	41.02 2.46 0.00	38.02 2.27 0.00	43.87 2.50 0.00	55.57 2.76 0.00	55.65 3.05 0.00	53.46 3.34 0.00	51.56 3.75 0.00	50.97 3.69 0.00	52.74 3.78 0.00	65.52 4.17 0.00	66.58 4.43 0.00	65.48 4.86 0.00	64.93 5.51 0.00	65.17 6.04 0.00	66.28 6.48 0.00	58.63 5.35 0.00	69.74 5.26 0.00	73.15 4.83 3.44	56.69 3.20 6.19	54.10 2.05 2.89	56.49 2.46 4.02
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	45.99 2.58 0.00	47.92 2.79 0.00	43.71 2.80 0.00	41.02 2.46 0.00	38.02 2.27 0.00	43.87 2.50 0.00	55.57 2.76 0.00	55.65 3.05 0.00	53.46 3.34 0.00	51.56 3.75 0.00	50.97 3.69 0.00	52.74 3.78 0.00	65.52 4.17 0.00	66.58 4.43 0.00	65.48 4.86 0.00	64.93 5.51 0.00	65.17 6.04 0.00	66.28 6.48 0.00	58.63 5.35 0.00	69.74 5.26 0.00	73.15 4.83 3.44	56.69 3.20 6.19	54.10 2.05 2.89	56.49 2.46 4.02
HEMPSTEAD___ 23647	45.57 2.16 0.00	47.59 2.45 0.00	43.36 2.44 0.00	40.63 2.07 0.00	37.59 1.83 0.00	43.30 1.93 0.00	54.63 1.81 0.00	54.49 1.89 0.00	52.27 2.14 0.00	50.46 2.64 0.00	50.22 2.95 0.00	52.20 3.23 0.00	66.80 3.61 -1.83	65.96 3.81 0.00	67.93 4.39 -2.92	70.20 5.13 -5.64	150.65 5.75 -85.77	276.08 6.32 -209.97	206.64 5.29 -148.07	129.49 5.32 -59.69	88.15 4.71 -11.68	73.96 3.04 -11.23	67.68 1.81 -10.92	68.72 2.01 -8.66
HICKLING___1 23621	44.10 0.68 0.00	45.56 0.43 0.00	41.16 0.24 0.00	38.65 0.09 0.00	36.11 0.36 0.00	41.79 0.43 0.00	53.19 0.38 0.00	52.80 0.20 0.00	50.16 0.04 0.00	48.04 0.23 0.00	47.79 0.51 0.00	49.43 0.46 0.00	62.48 1.13 0.00	63.03 0.87 0.00	61.69 1.07 0.00	60.59 1.17 0.00	60.93 1.80 0.00	62.54 2.74 0.00	55.64 2.36 0.00	67.35 2.87 0.00	73.86 2.10 0.00	61.49 1.80 0.00	56.08 1.14 0.00	59.28 1.23 0.00
HICKLING___2 23622	44.10 0.68 0.00	45.56 0.43 0.00	41.16 0.24 0.00	38.65 0.09 0.00	36.11 0.36 0.00	41.79 0.43 0.00	53.19 0.38 0.00	52.80 0.20 0.00	50.16 0.04 0.00	48.04 0.23 0.00	47.79 0.51 0.00	49.43 0.46 0.00	62.48 1.13 0.00	63.03 0.87 0.00	61.69 1.07 0.00	60.59 1.17 0.00	60.93 1.80 0.00	62.54 2.74 0.00	55.64 2.36 0.00	67.35 2.87 0.00	73.86 2.10 0.00	61.49 1.80 0.00	56.08 1.14 0.00	59.28 1.23 0.00
HIGH FALLS___HY 23754	45.88 2.47 0.00	47.53 2.40 0.00	43.19 2.27 0.00	40.54 1.98 0.00	37.56 1.81 0.00	43.36 1.99 0.00	55.01 2.19 0.00	55.02 2.42 0.00	52.72 2.59 0.00	50.64 2.83 0.00	50.12 2.84 0.00	51.94 2.97 0.00	65.05 3.69 0.00	66.27 4.12 0.00	65.07 4.46 0.00	64.41 4.99 0.00	64.68 5.55 0.00	66.01 6.21 0.00	58.71 5.44 0.00	70.14 5.66 0.00	77.10 5.34 0.00	63.31 3.62 0.00	57.41 2.46 0.00	60.83 2.78 0.00
HIGH_RIVER___SOLAR 323847	45.23 1.82 0.00	46.99 1.85 0.00	42.65 1.73 0.00	40.23 1.68 0.00	37.30 1.55 0.00	43.14 1.78 0.00	54.73 1.91 0.00	54.19 1.59 0.00	51.24 1.11 0.00	48.80 0.98 0.00	47.80 0.52 0.00	49.79 0.82 0.00	61.90 0.54 0.00	62.75 0.60 0.00	61.41 0.79 0.00	60.51 1.08 0.00	60.44 1.31 0.00	61.82 2.02 0.00	55.84 2.56 0.00	67.68 3.20 0.00	75.49 3.73 0.00	62.58 2.89 0.00	57.24 2.29 0.00	60.39 2.33 0.00
HILLBURN___GT 23639	45.36 1.95 0.00	47.17 2.04 0.00	42.90 1.99 0.00	40.25 1.69 0.00	37.29 1.54 0.00	43.05 1.68 0.00	54.61 1.79 0.00	54.59 1.98 0.00	52.31 2.18 0.00	50.33 2.52 0.00	49.87 2.59 0.00	51.77 2.81 0.00	64.65 3.30 0.00	65.67 3.52 0.00	64.48 3.86 0.00	63.82 4.40 0.00	64.01 4.87 0.00	65.20 5.40 0.00	57.82 4.54 0.00	69.00 4.52 0.00	75.87 4.11 0.00	62.36 2.67 0.00	56.52 1.58 0.00	59.88 1.83 0.00
HILLSIDE_115KV_TB1 80332	43.44 0.03 0.00	44.90 -0.24 0.00	40.59 -0.32 0.00	38.12 -0.43 0.00	35.62 -0.14 0.00	41.19 -0.18 0.00	52.36 -0.46 0.00	52.05 -0.56 0.00	49.49 -0.64 0.00	47.41 -0.41 0.00	47.19 -0.09 0.00	48.77 -0.20 0.00	61.47 0.11 0.00	62.04 -0.11 0.00	60.78 0.17 0.00	59.74 0.31 0.00	60.03 0.90 0.00	61.53 1.73 0.00	54.66 1.38 0.00	66.22 1.74 0.00	72.53 0.77 0.00	60.31 0.62 0.00	54.97 0.02 0.00	58.23 0.17 0.00

HISHELDN_WT_PWR 323625	43.22 -0.19 0.00	44.64 -0.49 0.00	40.13 -0.79 0.00	37.76 -0.80 0.00	35.23 -0.52 0.00	40.84 -0.53 0.00	52.18 -0.64 0.00	51.24 -1.36 0.00	48.49 -1.64 0.00	46.48 -1.34 0.00	46.41 -0.87 0.00	48.22 -0.74 0.00	61.47 0.11 0.00	61.83 -0.32 0.00	60.28 -0.34 0.00	59.17 -0.26 0.00	59.57 0.44 0.00	60.92 1.12 0.00	54.41 1.13 0.00	65.70 1.22 0.00	72.51 0.75 0.00	60.79 1.10 0.00	55.77 0.82 0.00	59.01 0.96 0.00
HOLTSVILLE_IC_1 23690	45.73 2.32 0.00	47.92 2.79 0.00	43.66 2.75 0.00	40.89 2.33 0.00	37.74 1.98 0.00	43.42 2.05 0.00	54.67 1.85 0.00	54.35 1.74 0.00	50.93 1.93 1.12	48.85 2.59 1.55	50.20 2.92 0.00	304.96 3.26 -252.73	186.82 3.67 -121.80	155.77 3.80 -89.82	247.06 4.47 -181.97	286.00 5.31 -221.27	267.28 5.95 -202.21	283.39 6.64 -216.94	300.33 5.60 -241.45	267.99 5.57 -197.94	208.03 4.87 -131.40	59.02 2.99 3.66	51.80 1.58 4.72	38.38 1.72 21.40
HOLTSVILLE_IC_10 23699	46.05 2.65 0.00	48.24 3.11 0.00	43.94 3.03 0.00	41.13 2.57 0.00	37.96 2.20 0.00	43.67 2.30 0.00	55.01 2.19 0.00	54.72 2.11 0.00	50.97 2.30 1.46	48.77 2.97 2.01	50.62 3.34 0.00	297.31 3.73 -244.61	196.09 4.25 -130.49	168.09 4.34 -101.60	262.77 4.93 -197.22	303.63 5.60 -238.61	271.46 6.18 -206.14	284.48 7.11 -217.57	309.54 6.15 -250.11	281.34 6.11 -210.75	219.54 5.60 -142.18	60.01 3.60 3.28	52.58 2.06 4.43	39.39 2.20 20.86
HOLTSVILLE_IC_2 23691	45.73 2.32 0.00	47.92 2.79 0.00	43.66 2.75 0.00	40.89 2.33 0.00	37.74 1.98 0.00	43.42 2.05 0.00	54.67 1.85 0.00	54.35 1.74 0.00	50.93 1.93 1.12	48.85 2.59 1.55	50.20 2.92 0.00	304.96 3.26 -252.73	186.82 3.67 -121.80	155.77 3.80 -89.82	247.06 4.47 -181.97	286.00 5.31 -221.27	267.28 5.95 -202.21	283.39 6.64 -216.94	300.33 5.60 -241.45	267.99 5.57 -197.94	208.03 4.87 -131.40	59.02 2.99 3.66	51.80 1.58 4.72	38.38 1.72 21.40
HOLTSVILLE_IC_3 23692	45.73 2.32 0.00	47.92 2.79 0.00	43.66 2.75 0.00	40.89 2.33 0.00	37.74 1.98 0.00	43.42 2.05 0.00	54.67 1.85 0.00	54.35 1.74 0.00	50.93 1.93 1.12	48.85 2.59 1.55	50.20 2.92 0.00	304.96 3.26 -252.73	186.82 3.67 -121.80	155.77 3.80 -89.82	247.06 4.47 -181.97	286.00 5.31 -221.27	267.28 5.95 -202.21	283.39 6.64 -216.94	300.33 5.60 -241.45	267.99 5.57 -197.94	208.03 4.87 -131.40	59.02 2.99 3.66	51.80 1.58 4.72	38.38 1.72 21.40
HOLTSVILLE_IC_4 23693	45.73 2.32 0.00	47.92 2.79 0.00	43.66 2.75 0.00	40.89 2.33 0.00	37.74 1.98 0.00	43.42 2.05 0.00	54.67 1.85 0.00	54.35 1.74 0.00	50.93 1.93 1.12	48.85 2.59 1.55	50.20 2.92 0.00	304.96 3.26 -252.73	186.82 3.67 -121.80	155.77 3.80 -89.82	247.06 4.47 -181.97	286.00 5.31 -221.27	267.28 5.95 -202.21	283.39 6.64 -216.94	300.33 5.60 -241.45	267.99 5.57 -197.94	208.03 4.87 -131.40	59.02 2.99 3.66	51.80 1.58 4.72	38.38 1.72 21.40
HOLTSVILLE_IC_5 23694	45.73 2.32 0.00	47.92 2.79 0.00	43.66 2.75 0.00	40.89 2.33 0.00	37.74 1.98 0.00	43.42 2.05 0.00	54.67 1.85 0.00	54.35 1.74 0.00	50.93 1.93 1.12	48.85 2.59 1.55	50.20 2.92 0.00	304.96 3.26 -252.73	186.82 3.67 -121.80	155.77 3.80 -89.82	247.06 4.47 -181.97	286.00 5.31 -221.27	267.28 5.95 -202.21	283.39 6.64 -216.94	300.33 5.60 -241.45	267.99 5.57 -197.94	208.03 4.87 -131.40	59.02 2.99 3.66	51.80 1.58 4.72	38.38 1.72 21.40
HOLTSVILLE_IC_6 23695	46.05 2.65 0.00	48.24 3.11 0.00	43.94 3.03 0.00	41.13 2.57 0.00	37.96 2.20 0.00	43.67 2.30 0.00	55.01 2.19 0.00	54.72 2.11 0.00	50.97 2.30 1.46	48.77 2.97 2.01	50.62 3.34 0.00	297.31 3.73 -244.61	196.09 4.25 -130.49	168.09 4.34 -101.60	262.77 4.93 -197.22	303.63 5.60 -238.61	271.46 6.18 -206.14	284.48 7.11 -217.57	309.54 6.15 -250.11	281.34 6.11 -210.75	219.54 5.60 -142.18	60.01 3.60 3.28	52.58 2.06 4.43	39.39 2.20 20.86
HOLTSVILLE_IC_7 23696	46.05 2.65 0.00	48.24 3.11 0.00	43.94 3.03 0.00	41.13 2.57 0.00	37.96 2.20 0.00	43.67 2.30 0.00	55.01 2.19 0.00	54.72 2.11 0.00	50.97 2.30 1.46	48.77 2.97 2.01	50.62 3.34 0.00	297.31 3.73 -244.61	196.09 4.25 -130.49	168.09 4.34 -101.60	262.77 4.93 -197.22	303.63 5.60 -238.61	271.46 6.18 -206.14	284.48 7.11 -217.57	309.54 6.15 -250.11	281.34 6.11 -210.75	219.54 5.60 -142.18	60.01 3.60 3.28	52.58 2.06 4.43	39.39 2.20 20.86
HOLTSVILLE_IC_8 23697	46.05 2.65 0.00	48.24 3.11 0.00	43.94 3.03 0.00	41.13 2.57 0.00	37.96 2.20 0.00	43.67 2.30 0.00	55.01 2.19 0.00	54.72 2.11 0.00	50.97 2.30 1.46	48.77 2.97 2.01	50.62 3.34 0.00	297.31 3.73 -244.61	196.09 4.25 -130.49	168.09 4.34 -101.60	262.77 4.93 -197.22	303.63 5.60 -238.61	271.46 6.18 -206.14	284.48 7.11 -217.57	309.54 6.15 -250.11	281.34 6.11 -210.75	219.54 5.60 -142.18	60.01 3.60 3.28	52.58 2.06 4.43	39.39 2.20 20.86
HOLTSVILLE_IC_9 23698	46.05 2.65 0.00	48.24 3.11 0.00	43.94 3.03 0.00	41.13 2.57 0.00	37.96 2.20 0.00	43.67 2.30 0.00	55.01 2.19 0.00	54.72 2.11 0.00	50.97 2.30 1.46	48.77 2.97 2.01	50.62 3.34 0.00	297.31 3.73 -244.61	196.09 4.25 -130.49	168.09 4.34 -101.60	262.77 4.93 -197.22	303.63 5.60 -238.61	271.46 6.18 -206.14	284.48 7.11 -217.57	309.54 6.15 -250.11	281.34 6.11 -210.75	219.54 5.60 -142.18	60.01 3.60 3.28	52.58 2.06 4.43	39.39 2.20 20.86
HOMER_HL_115KV_TB2 355744	43.43 0.01 0.00	44.94 -0.19 0.00	40.44 -0.47 0.00	37.97 -0.58 0.00	35.37 -0.38 0.00	40.92 -0.45 0.00	52.06 -0.76 0.00	51.29 -1.31 0.00	48.65 -1.48 0.00	46.73 -1.09 0.00	46.62 -0.66 0.00	48.24 -0.73 0.00	61.20 -0.16 0.00	61.41 -0.74 0.00	59.89 -0.73 0.00	58.95 -0.47 0.00	59.23 0.10 0.00	60.61 0.81 0.00	53.95 0.67 0.00	65.17 0.69 0.00	71.60 -0.16 0.00	59.85 0.16 0.00	54.82 -0.12 0.00	58.57 0.52 0.00
HOWARD_WT_PWR 323690	44.57 1.16 0.00	46.01 0.88 0.00	41.45 0.54 0.00	38.96 0.41 0.00	36.40 0.64 0.00	42.17 0.80 0.00	53.76 0.94 0.00	53.11 0.51 0.00	50.28 0.16 0.00	48.06 0.25 0.00	47.63 0.35 0.00	49.38 0.42 0.00	62.78 1.42 0.00	63.25 1.10 0.00	61.73 1.10 0.00	60.56 1.14 0.00	61.03 1.89 0.00	62.76 2.96 0.00	56.15 2.87 0.00	67.87 3.39 0.00	74.87 3.11 0.00	62.62 2.94 0.00	57.18 2.24 0.00	60.36 2.31 0.00
HQ_GEN_CEDARS 23644	43.59 0.18 0.00	45.38 0.25 0.00	40.94 0.03 0.00	38.57 0.01 0.00	35.77 0.02 0.00	41.49 0.13 0.00	53.50 0.68 0.00	53.30 0.69 0.00	50.58 0.46 0.00	47.77 -0.05 0.00	47.10 -0.18 0.00	49.21 0.25 0.00	61.89 0.54 0.00	62.54 0.39 0.00	60.53 -0.09 0.00	58.90 -0.52 0.00	58.33 -0.80 0.00	58.44 -1.36 0.00	52.04 -1.24 0.00	63.68 -0.80 0.00	71.43 -0.33 0.00	59.95 0.26 0.00	55.94 0.99 0.00	59.15 1.10 0.00
HQ_GEN_CEDARS_PROXY 323590	43.29 0.18 0.31	45.38 0.25 0.00	40.94 0.03 0.00	38.57 0.01 0.00	35.77 0.02 0.00	40.86 0.13 0.64	59.98 0.68 -6.48	53.30 0.69 0.00	50.58 0.45 0.00	47.77 -0.05 0.00	47.10 -0.18 0.00	48.62 0.25 0.59	62.33 0.54 -0.43	62.54 0.39 0.00	60.54 -0.08 0.00	58.89 -0.52 0.00	58.33 -0.81 0.00	58.44 -1.36 0.00	52.04 -1.24 0.00	63.68 -0.80 0.00	71.43 -0.33 0.00	59.95 0.26 0.00	55.94 0.99 0.00	59.15 1.10 0.00

HQ_GEN_IMPORT 323601	42.09 -0.24 1.08	44.90 -0.23 0.00	40.56 -0.36 0.00	38.22 -0.33 0.00	35.43 -0.33 0.00	34.18 -0.28 6.91	61.09 0.05 -8.21	52.67 0.06 0.00	50.12 0.00 0.00	47.63 -0.19 0.00	47.19 -0.09 0.00	48.50 -0.04 0.43	61.86 0.09 -0.41	62.16 0.01 0.00	60.43 -0.19 0.00	58.93 -0.49 0.00	58.39 -0.75 0.00	58.20 -1.19 0.41	52.13 -1.15 0.00	63.54 -0.94 0.00	71.07 -0.70 0.00	59.41 -0.28 0.00	55.18 0.23 0.00	58.33 0.27 0.00
HQ_GEN_WHEEL 23651	42.09 -0.24 1.08	44.90 -0.23 0.00	40.56 -0.36 0.00	38.22 -0.33 0.00	35.43 -0.33 0.00	34.18 -0.28 6.91	61.09 0.05 -8.21	52.67 0.06 0.00	50.12 0.00 0.00	47.63 -0.19 0.00	47.19 -0.09 0.00	48.50 -0.04 0.43	61.86 0.09 -0.41	62.16 0.01 0.00	60.43 -0.19 0.00	58.93 -0.49 0.00	58.39 -0.75 0.00	58.20 -1.19 0.41	52.13 -1.15 0.00	63.54 -0.94 0.00	71.07 -0.70 0.00	59.41 -0.28 0.00	55.18 0.23 0.00	58.33 0.27 0.00
HUDSON_AVE_GT_3 23810	45.70 2.29 0.00	47.60 2.47 0.00	43.36 2.45 0.00	40.70 2.15 0.00	37.72 1.97 0.00	43.56 2.19 0.00	55.17 2.35 0.00	55.21 2.60 0.00	53.04 2.91 0.00	51.15 3.34 0.00	50.60 3.32 0.00	52.42 3.45 0.00	65.23 3.87 0.00	66.25 4.10 0.00	65.14 4.52 0.00	64.58 5.15 0.00	64.82 5.69 0.00	65.95 6.15 0.00	58.36 5.08 0.00	69.53 5.05 0.00	76.40 4.64 0.00	62.73 3.04 0.00	56.85 1.90 0.00	60.28 2.23 0.00
HUDSON_AVE_GT_4 23540	45.70 2.29 0.00	47.60 2.47 0.00	43.36 2.45 0.00	40.70 2.15 0.00	37.72 1.97 0.00	43.56 2.19 0.00	55.17 2.35 0.00	55.21 2.60 0.00	53.04 2.91 0.00	51.15 3.34 0.00	50.60 3.32 0.00	52.42 3.45 0.00	65.23 3.87 0.00	66.25 4.10 0.00	65.14 4.52 0.00	64.58 5.15 0.00	64.82 5.69 0.00	65.95 6.15 0.00	58.36 5.08 0.00	69.53 5.05 0.00	76.40 4.64 0.00	62.73 3.04 0.00	56.85 1.90 0.00	60.28 2.23 0.00
HUDSON_AVE_GT_5 23657	45.70 2.29 0.00	47.60 2.47 0.00	43.36 2.45 0.00	40.70 2.15 0.00	37.72 1.97 0.00	43.56 2.19 0.00	55.17 2.35 0.00	55.21 2.60 0.00	53.04 2.91 0.00	51.15 3.34 0.00	50.60 3.32 0.00	52.42 3.45 0.00	65.23 3.87 0.00	66.25 4.10 0.00	65.14 4.52 0.00	64.58 5.15 0.00	64.82 5.69 0.00	65.95 6.15 0.00	58.36 5.08 0.00	69.53 5.05 0.00	76.40 4.64 0.00	62.73 3.04 0.00	56.85 1.90 0.00	60.28 2.23 0.00
HUDSON_AVE_10 24168	45.58 2.17 0.00	47.49 2.36 0.00	43.26 2.35 0.00	40.61 2.05 0.00	37.63 1.88 0.00	43.44 2.07 0.00	55.04 2.23 0.00	55.07 2.47 0.00	52.89 2.77 0.00	51.03 3.21 0.00	50.44 3.16 0.00	52.27 3.31 0.00	65.06 3.70 0.00	66.03 3.88 0.00	64.91 4.29 0.00	64.38 4.96 0.00	64.83 5.50 -0.20	67.11 5.94 -1.37	58.19 4.91 0.00	69.31 4.83 0.00	76.17 4.41 0.00	62.55 2.87 0.00	56.70 1.75 0.00	60.11 2.06 0.00
HUDSON___115KV_TB 4 355613	44.61 1.20 0.00	46.53 1.39 0.00	42.39 1.48 0.00	39.96 1.41 0.00	37.05 1.30 0.00	42.81 1.44 0.00	54.33 1.51 0.00	54.02 1.42 0.00	51.41 1.28 0.00	48.98 1.17 0.00	48.09 0.81 0.00	49.69 0.72 0.00	62.01 0.66 0.00	62.93 0.77 0.00	61.88 1.26 0.00	60.98 1.56 0.00	60.80 1.67 0.00	62.02 2.23 0.00	55.60 2.32 0.00	66.96 2.48 0.00	74.25 2.49 0.00	61.31 1.63 0.00	55.82 0.88 0.00	58.71 0.66 0.00
HUNTER MOUNT___DRP 323613	44.80 1.39 0.00	46.79 1.65 0.00	42.63 1.71 0.00	40.19 1.64 0.00	37.26 1.51 0.00	43.06 1.69 0.00	54.66 1.84 0.00	54.37 1.77 0.00	51.76 1.64 0.00	49.33 1.51 0.00	48.38 1.11 0.00	49.88 0.92 0.00	62.35 1.00 0.00	63.22 1.07 0.00	62.25 1.63 0.00	61.30 1.87 0.00	61.14 2.01 0.00	62.30 2.50 0.00	55.85 2.57 0.00	67.31 2.83 0.00	74.68 2.92 0.00	61.69 2.00 0.00	56.17 1.22 0.00	58.97 0.92 0.00
HUNTINGTON_RES_REC 323705	45.55 2.14 0.00	47.74 2.61 0.00	43.51 2.59 0.00	40.69 2.14 0.00	37.59 1.83 0.00	43.25 1.88 0.00	54.42 1.60 0.00	54.07 1.47 0.00	47.56 1.61 4.18	44.25 2.29 5.85	49.91 2.63 0.00	468.39 3.02 -416.41	366.59 3.39 -301.84	341.08 3.61 -275.32	538.10 4.40 -473.07	623.55 5.29 -558.83	407.76 5.94 -342.69	295.03 6.67 -228.57	458.22 5.78 -399.16	511.43 5.65 -441.31	411.77 4.80 -335.21	60.86 2.87 1.69	51.95 1.43 4.43	38.77 1.53 20.81
HUNTLEY___63 23557	42.94 -0.47 0.00	44.40 -0.73 0.00	39.84 -1.07 0.00	37.52 -1.04 0.00	34.97 -0.79 0.00	40.54 -0.83 0.00	51.89 -0.93 0.00	50.78 -1.83 0.00	48.02 -2.10 0.00	46.16 -1.65 0.00	46.35 -0.93 0.00	48.26 -0.70 0.00	61.70 0.34 0.00	61.92 -0.22 0.00	60.32 -0.30 0.00	59.14 -0.28 0.00	59.45 0.32 0.00	60.57 0.77 0.00	53.99 0.71 0.00	65.17 0.69 0.00	71.98 0.22 0.00	60.47 0.78 0.00	55.68 0.73 0.00	58.93 0.88 0.00
HUNTLEY___64 23558	42.94 -0.47 0.00	44.40 -0.73 0.00	39.84 -1.07 0.00	37.52 -1.04 0.00	34.97 -0.79 0.00	40.54 -0.83 0.00	51.89 -0.93 0.00	50.78 -1.83 0.00	48.02 -2.10 0.00	46.16 -1.65 0.00	46.35 -0.93 0.00	48.26 -0.70 0.00	61.70 0.34 0.00	61.92 -0.22 0.00	60.32 -0.30 0.00	59.14 -0.28 0.00	59.45 0.32 0.00	60.57 0.77 0.00	53.99 0.71 0.00	65.17 0.69 0.00	71.98 0.22 0.00	60.47 0.78 0.00	55.68 0.73 0.00	58.93 0.88 0.00
HUNTLEY___65 23559	42.94 -0.47 0.00	44.40 -0.73 0.00	39.84 -1.07 0.00	37.52 -1.04 0.00	34.97 -0.79 0.00	40.54 -0.83 0.00	51.89 -0.93 0.00	50.78 -1.83 0.00	48.02 -2.10 0.00	46.16 -1.65 0.00	46.35 -0.93 0.00	48.26 -0.70 0.00	61.70 0.34 0.00	61.92 -0.22 0.00	60.32 -0.30 0.00	59.14 -0.28 0.00	59.45 0.32 0.00	60.57 0.77 0.00	53.99 0.71 0.00	65.17 0.69 0.00	71.98 0.22 0.00	60.47 0.78 0.00	55.68 0.73 0.00	58.93 0.88 0.00
HUNTLEY___66 23560	42.94 -0.47 0.00	44.40 -0.73 0.00	39.84 -1.07 0.00	37.52 -1.04 0.00	34.97 -0.79 0.00	40.54 -0.83 0.00	51.89 -0.93 0.00	50.78 -1.83 0.00	48.02 -2.10 0.00	46.16 -1.65 0.00	46.35 -0.93 0.00	48.26 -0.70 0.00	61.70 0.34 0.00	61.92 -0.22 0.00	60.32 -0.30 0.00	59.14 -0.28 0.00	59.45 0.32 0.00	60.57 0.77 0.00	53.99 0.71 0.00	65.17 0.69 0.00	71.98 0.22 0.00	60.47 0.78 0.00	55.68 0.73 0.00	58.93 0.88 0.00
HUNTLEY___67 23561	42.70 -0.71 0.00	44.15 -0.98 0.00	39.68 -1.23 0.00	37.35 -1.20 0.00	34.82 -0.93 0.00	40.36 -1.01 0.00	51.63 -1.18 0.00	50.57 -2.03 0.00	47.92 -2.20 0.00	46.01 -1.81 0.00	46.17 -1.11 0.00	48.01 -0.96 0.00	61.32 -0.03 0.00	61.51 -0.64 0.00	59.89 -0.73 0.00	58.84 -0.58 0.00	59.14 0.01 0.00	60.28 0.48 0.00	53.76 0.48 0.00	64.92 0.44 0.00	71.65 -0.11 0.00	60.17 0.48 0.00	55.37 0.42 0.00	58.58 0.52 0.00
HUNTLEY___68 23562	42.70 -0.71 0.00	44.15 -0.98 0.00	39.68 -1.23 0.00	37.35 -1.20 0.00	34.82 -0.93 0.00	40.36 -1.01 0.00	51.63 -1.18 0.00	50.57 -2.03 0.00	47.92 -2.20 0.00	46.01 -1.81 0.00	46.17 -1.11 0.00	48.01 -0.96 0.00	61.32 -0.03 0.00	61.51 -0.64 0.00	59.89 -0.73 0.00	58.84 -0.58 0.00	59.14 0.01 0.00	60.28 0.48 0.00	53.76 0.48 0.00	64.92 0.44 0.00	71.65 -0.11 0.00	60.17 0.48 0.00	55.37 0.42 0.00	58.58 0.52 0.00

HYLAND___LFGE 323620	46.19 2.78 0.00	47.55 2.42 0.00	42.73 1.82 0.00	40.18 1.63 0.00	37.53 1.77 0.00	43.55 2.19 0.00	55.85 3.04 0.00	55.13 2.52 0.00	51.68 1.56 0.00	48.76 0.94 0.00	48.44 1.16 0.00	50.15 1.18 0.00	63.92 2.56 0.00	64.57 2.42 0.00	62.89 2.26 0.00	61.58 2.16 0.00	61.83 2.70 0.00	63.51 3.71 0.00	57.57 4.28 0.00	69.54 5.06 0.00	78.24 6.48 0.00	65.70 6.01 0.00	59.91 4.96 0.00	62.82 4.76 0.00
INDECK___CORINTH 23802	45.98 2.57 0.00	47.94 2.81 0.00	43.51 2.60 0.00	41.02 2.47 0.00	38.07 2.31 0.00	44.08 2.71 0.00	56.04 3.22 0.00	55.85 3.25 0.00	53.35 3.23 0.00	51.02 3.21 0.00	49.74 2.46 0.00	51.56 2.60 0.00	64.46 3.10 0.00	65.32 3.17 0.00	64.12 3.50 0.00	63.19 3.77 0.00	63.08 3.95 0.00	64.66 4.86 0.00	58.17 4.88 0.00	70.04 5.56 0.00	78.55 6.79 0.00	64.88 5.19 0.00	59.10 4.15 0.00	62.12 4.06 0.00
INDECK___ILION 23567	44.01 0.59 0.00	45.80 0.67 0.00	41.64 0.72 0.00	39.22 0.67 0.00	36.38 0.62 0.00	42.05 0.68 0.00	53.36 0.54 0.00	53.03 0.43 0.00	50.46 0.34 0.00	48.31 0.50 0.00	47.48 0.20 0.00	49.23 0.26 0.00	61.41 0.06 0.00	62.24 0.09 0.00	61.03 0.41 0.00	60.18 0.76 0.00	59.93 0.80 0.00	61.29 1.49 0.00	54.90 1.61 0.00	66.27 1.79 0.00	73.66 1.90 0.00	60.88 1.19 0.00	55.55 0.61 0.00	58.51 0.46 0.00
INDECK___OLEAN 23982	43.43 0.02 0.00	44.94 -0.19 0.00	40.44 -0.48 0.00	37.97 -0.58 0.00	35.37 -0.38 0.00	40.92 -0.45 0.00	52.05 -0.77 0.00	51.29 -1.32 0.00	48.64 -1.48 0.00	46.72 -1.09 0.00	46.61 -0.67 0.00	48.24 -0.72 0.00	61.20 -0.16 0.00	61.41 -0.74 0.00	59.89 -0.73 0.00	58.94 -0.48 0.00	59.23 0.10 0.00	60.61 0.81 0.00	53.95 0.67 0.00	65.18 0.70 0.00	71.60 -0.16 0.00	59.86 0.17 0.00	54.82 -0.12 0.00	58.57 0.52 0.00
INDECK___OSWEGO 23783	42.39 -1.02 0.00	44.00 -1.13 0.00	39.90 -1.02 0.00	37.58 -0.98 0.00	34.89 -0.86 0.00	40.32 -1.04 0.00	51.27 -1.55 0.00	51.03 -1.58 0.00	48.50 -1.62 0.00	46.19 -1.62 0.00	45.59 -1.69 0.00	47.06 -1.91 0.00	58.88 -2.48 0.00	59.61 -2.54 0.00	58.11 -2.52 0.00	57.04 -2.39 0.00	56.85 -2.28 0.00	57.73 -2.07 0.00	51.62 -1.66 0.00	62.46 -2.03 0.00	69.55 -2.20 0.00	58.08 -1.60 0.00	53.45 -1.50 0.00	56.43 -1.62 0.00
INDECK___YERKES 23781	42.98 -0.43 0.00	44.44 -0.69 0.00	39.88 -1.03 0.00	37.55 -1.01 0.00	35.00 -0.75 0.00	40.58 -0.78 0.00	51.94 -0.88 0.00	50.83 -1.78 0.00	48.06 -2.07 0.00	46.19 -1.62 0.00	46.40 -0.88 0.00	48.31 -0.65 0.00	61.77 0.41 0.00	61.99 -0.16 0.00	60.38 -0.24 0.00	59.20 -0.23 0.00	59.52 0.38 0.00	60.64 0.84 0.00	54.05 0.76 0.00	65.24 0.76 0.00	72.05 0.29 0.00	60.54 0.85 0.00	55.73 0.79 0.00	58.99 0.94 0.00
INDIAN POINT_GT_1 24139	45.31 1.90 0.00	47.15 2.02 0.00	42.91 2.00 0.00	40.27 1.72 0.00	37.31 1.56 0.00	43.08 1.72 0.00	54.60 1.79 0.00	54.58 1.97 0.00	52.30 2.18 0.00	50.34 2.53 0.00	49.82 2.55 0.00	51.69 2.73 0.00	64.47 3.11 0.00	65.47 3.32 0.00	64.33 3.71 0.00	63.68 4.26 0.00	63.88 4.75 0.00	65.04 5.24 0.00	57.68 4.39 0.00	68.85 4.36 0.00	75.73 3.97 0.00	62.24 2.55 0.00	56.42 1.48 0.00	59.80 1.75 0.00
INDIAN POINT_GT_2 23659	45.31 1.90 0.00	47.15 2.02 0.00	42.91 2.00 0.00	40.27 1.72 0.00	37.31 1.56 0.00	43.08 1.72 0.00	54.60 1.79 0.00	54.58 1.97 0.00	52.30 2.18 0.00	50.34 2.53 0.00	49.82 2.55 0.00	51.69 2.73 0.00	64.47 3.11 0.00	65.47 3.32 0.00	64.33 3.71 0.00	63.68 4.26 0.00	63.88 4.75 0.00	65.04 5.24 0.00	57.68 4.39 0.00	68.85 4.36 0.00	75.73 3.97 0.00	62.24 2.55 0.00	56.42 1.48 0.00	59.80 1.75 0.00
INDIAN POINT_GT_3 24019	45.31 1.90 0.00	47.15 2.02 0.00	42.91 2.00 0.00	40.27 1.72 0.00	37.31 1.56 0.00	43.08 1.72 0.00	54.60 1.79 0.00	54.58 1.97 0.00	52.30 2.18 0.00	50.34 2.53 0.00	49.82 2.55 0.00	51.69 2.73 0.00	64.47 3.11 0.00	65.47 3.32 0.00	64.33 3.71 0.00	63.68 4.26 0.00	63.88 4.75 0.00	65.04 5.24 0.00	57.68 4.39 0.00	68.85 4.36 0.00	75.73 3.97 0.00	62.24 2.55 0.00	56.42 1.48 0.00	59.80 1.75 0.00
INDIAN POINT___2 23530	45.26 1.85 0.00	47.10 1.97 0.00	42.86 1.95 0.00	40.22 1.66 0.00	37.28 1.52 0.00	43.02 1.65 0.00	54.54 1.72 0.00	54.50 1.89 0.00	52.23 2.10 0.00	50.27 2.45 0.00	49.76 2.48 0.00	51.62 2.65 0.00	64.40 3.05 0.00	65.40 3.26 0.00	64.23 3.61 0.00	63.59 4.16 0.00	63.77 4.64 0.00	64.93 5.13 0.00	57.59 4.31 0.00	68.74 4.26 0.00	75.59 3.83 0.00	62.14 2.45 0.00	56.35 1.40 0.00	59.71 1.66 0.00
INDIAN POINT___3 23531	45.23 1.82 0.00	47.08 1.94 0.00	42.84 1.93 0.00	40.22 1.66 0.00	37.27 1.52 0.00	43.00 1.64 0.00	54.53 1.72 0.00	54.49 1.88 0.00	52.23 2.10 0.00	50.25 2.44 0.00	49.74 2.47 0.00	51.60 2.64 0.00	64.35 3.00 0.00	65.36 3.21 0.00	64.21 3.59 0.00	63.55 4.13 0.00	63.73 4.59 0.00	64.88 5.08 0.00	57.56 4.27 0.00	68.70 4.21 0.00	75.58 3.82 0.00	62.10 2.42 0.00	56.32 1.37 0.00	59.70 1.65 0.00
INGHAM_C_115KV_TB7 356103	44.40 0.99 0.00	46.30 1.16 0.00	42.16 1.24 0.00	39.72 1.16 0.00	36.83 1.08 0.00	42.56 1.19 0.00	53.70 0.89 0.00	53.20 0.59 0.00	50.47 0.34 0.00	48.48 0.67 0.00	47.28 0.01 0.00	49.10 0.14 0.00	60.91 -0.44 0.00	61.71 -0.44 0.00	60.86 0.23 0.00	60.34 0.92 0.00	60.04 0.91 0.00	62.19 2.39 0.00	56.06 2.78 0.00	67.67 3.19 0.00	75.22 3.46 0.00	61.80 2.11 0.00	55.97 1.03 0.00	58.73 0.68 0.00
IP CORINTH___1 23988	46.02 2.61 0.00	47.94 2.81 0.00	43.51 2.60 0.00	41.02 2.47 0.00	38.07 2.31 0.00	44.08 2.71 0.00	56.04 3.22 0.00	55.85 3.24 0.00	53.35 3.23 0.00	51.02 3.21 0.00	49.74 2.46 0.00	51.56 2.60 0.00	64.46 3.11 0.00	65.32 3.17 0.00	64.12 3.50 0.00	63.19 3.76 0.00	63.08 3.95 0.00	64.66 4.86 0.00	58.17 4.88 0.00	70.04 5.56 0.00	78.55 6.79 0.00	64.88 5.19 0.00	59.10 4.15 0.00	62.12 4.06 0.00
IP___TICONDEROGA 23804	46.31 2.90 0.00	48.16 3.03 0.00	43.63 2.72 0.00	41.20 2.64 0.00	38.28 2.53 0.00	44.48 3.12 0.00	56.61 3.79 0.00	56.82 4.22 0.00	54.50 4.37 0.00	51.88 4.07 0.00	50.46 3.18 0.00	52.30 3.33 0.00	65.39 4.03 0.00	66.28 4.13 0.00	65.08 4.46 0.00	63.92 4.50 0.00	63.53 4.40 0.00	65.85 6.05 0.00	59.17 5.89 0.00	71.48 7.00 0.00	81.92 10.16 0.00	68.26 8.57 0.00	62.04 7.09 0.00	64.96 6.91 0.00
ISLIP_RES_REC 323679	46.38 2.97 0.00	48.54 3.41 0.00	44.21 3.29 0.00	41.38 2.82 0.00	38.18 2.43 0.00	43.92 2.56 0.00	55.34 2.52 0.00	55.09 2.49 0.00	51.38 2.68 1.42	49.24 3.40 1.97	51.07 3.79 0.00	276.85 4.20 -223.69	185.04 4.87 -118.81	159.83 4.98 -92.71	245.82 5.60 -179.61	283.13 6.28 -217.43	261.48 6.90 -195.44	284.53 7.88 -216.86	300.90 6.78 -240.84	267.06 6.84 -195.73	207.80 6.34 -129.70	60.67 4.15 3.17	53.28 2.55 4.22	40.23 2.67 20.48

JAMAICA__27_KV_LOAD 355505	46.02 2.61 0.00	47.95 2.82 0.00	43.63 2.71 0.00	40.95 2.40 0.00	37.97 2.21 0.00	43.85 2.48 0.00	55.60 2.78 0.00	55.63 3.03 0.00	53.42 3.29 0.00	51.52 3.71 0.00	50.82 3.55 0.00	52.70 3.73 0.00	65.70 4.34 0.00	66.56 4.41 0.00	65.41 4.79 0.00	64.93 5.51 0.00	65.48 6.10 -0.25	68.08 6.57 -1.71	58.81 5.53 0.00	70.04 5.56 0.00	77.02 5.26 0.00	63.30 3.61 0.00	57.42 2.48 0.00	60.78 2.73 0.00
JANIS__SOLAR 323808	45.68 2.27 0.00	47.30 2.17 0.00	42.78 1.87 0.00	40.25 1.69 0.00	37.43 1.68 0.00	43.36 1.99 0.00	55.34 2.52 0.00	55.03 2.42 0.00	52.09 1.97 0.00	49.58 1.77 0.00	48.92 1.64 0.00	50.28 1.31 0.00	63.36 2.00 0.00	64.25 2.10 0.00	62.61 1.99 0.00	61.74 2.31 0.00	61.74 2.61 0.00	63.18 3.38 0.00	57.01 3.73 0.00	69.34 4.86 0.00	76.98 5.22 0.00	64.01 4.32 0.00	58.36 3.42 0.00	61.31 3.26 0.00
JARVIS____ 23743	43.59 0.18 0.00	45.33 0.19 0.00	41.16 0.25 0.00	38.79 0.23 0.00	35.97 0.22 0.00	41.59 0.22 0.00	52.98 0.16 0.00	52.74 0.13 0.00	50.28 0.15 0.00	48.00 0.19 0.00	47.41 0.13 0.00	49.11 0.15 0.00	61.45 0.09 0.00	62.28 0.13 0.00	60.85 0.23 0.00	59.78 0.35 0.00	59.55 0.42 0.00	60.34 0.54 0.00	53.80 0.52 0.00	64.99 0.51 0.00	72.22 0.46 0.00	59.94 0.26 0.00	55.00 0.05 0.00	58.12 0.06 0.00
JENNISON____1 23625	45.82 2.41 0.00	47.47 2.33 0.00	43.00 2.09 0.00	40.48 1.92 0.00	37.65 1.89 0.00	43.56 2.19 0.00	55.43 2.61 0.00	55.20 2.60 0.00	52.62 2.49 0.00	50.40 2.58 0.00	49.88 2.61 0.00	51.49 2.53 0.00	64.63 3.27 0.00	65.58 3.43 0.00	64.06 3.44 0.00	63.08 3.65 0.00	63.18 4.05 0.00	64.55 4.75 0.00	57.77 4.49 0.00	69.85 5.36 0.00	77.23 5.47 0.00	64.06 4.37 0.00	58.32 3.38 0.00	61.35 3.30 0.00
JENNISON____2 23626	45.82 2.41 0.00	47.47 2.33 0.00	43.00 2.09 0.00	40.48 1.92 0.00	37.65 1.89 0.00	43.56 2.19 0.00	55.43 2.61 0.00	55.20 2.60 0.00	52.62 2.49 0.00	50.40 2.58 0.00	49.88 2.61 0.00	51.49 2.53 0.00	64.63 3.27 0.00	65.58 3.43 0.00	64.06 3.44 0.00	63.08 3.65 0.00	63.18 4.05 0.00	64.55 4.75 0.00	57.77 4.49 0.00	69.85 5.36 0.00	77.23 5.47 0.00	64.06 4.37 0.00	58.32 3.38 0.00	61.35 3.30 0.00
JERICOHO_RISE_WT_PWR 323719	43.09 -0.31 0.00	44.98 -0.15 0.00	40.58 -0.33 0.00	38.24 -0.32 0.00	35.43 -0.33 0.00	41.18 -0.18 0.00	53.00 0.18 0.00	52.48 -0.12 0.00	49.73 -0.39 0.00	47.17 -0.65 0.00	46.85 -0.43 0.00	48.55 -0.42 0.00	61.01 -0.35 0.00	61.51 -0.64 0.00	59.69 -0.93 0.00	58.18 -1.24 0.00	57.66 -1.47 0.00	57.82 -1.99 0.00	51.43 -1.85 0.00	62.85 -1.63 0.00	70.45 -1.31 0.00	59.08 -0.60 0.00	55.08 0.13 0.00	58.29 0.24 0.00
KATONAH__115KV_46KV_TB4 355592	45.58 2.18 0.00	47.43 2.30 0.00	43.15 2.23 0.00	40.50 1.95 0.00	37.53 1.77 0.00	43.33 1.97 0.00	54.96 2.14 0.00	54.94 2.33 0.00	52.68 2.56 0.00	50.70 2.89 0.00	50.20 2.92 0.00	52.09 3.12 0.00	64.97 3.61 0.00	66.03 3.88 0.00	64.91 4.29 0.00	64.28 4.85 0.00	64.48 5.34 0.00	65.66 5.86 0.00	58.24 4.95 0.00	69.48 5.00 0.00	76.39 4.63 0.00	62.76 3.08 0.00	56.89 1.95 0.00	60.24 2.19 0.00
KCE_NY_1 323755	45.57 2.17 0.00	47.48 2.35 0.00	43.14 2.23 0.00	40.64 2.09 0.00	37.68 1.93 0.00	43.62 2.25 0.00	55.48 2.66 0.00	55.17 2.56 0.00	52.56 2.44 0.00	50.28 2.46 0.00	49.34 2.06 0.00	51.19 2.22 0.00	64.03 2.68 0.00	64.93 2.78 0.00	63.63 3.02 0.00	62.71 3.28 0.00	62.67 3.54 0.00	64.03 4.23 0.00	57.30 4.01 0.00	69.01 4.53 0.00	76.82 5.06 0.00	63.41 3.73 0.00	57.78 2.84 0.00	60.87 2.81 0.00
KCE_NY_6_ESR 323823	43.21 -0.20 0.00	44.65 -0.49 0.00	40.11 -0.81 0.00	37.75 -0.80 0.00	35.23 -0.52 0.00	40.81 -0.56 0.00	52.21 -0.61 0.00	51.22 -1.38 0.00	48.53 -1.60 0.00	46.61 -1.20 0.00	46.76 -0.52 0.00	48.65 -0.31 0.00	62.04 0.68 0.00	62.34 0.19 0.00	60.79 0.17 0.00	59.72 0.30 0.00	60.04 0.90 0.00	61.27 1.47 0.00	54.64 1.36 0.00	66.03 1.54 0.00	72.77 1.01 0.00	61.08 1.39 0.00	56.07 1.12 0.00	59.30 1.25 0.00
KEDC PORT_JEFF_GT2 24210	45.82 2.41 0.00	48.07 2.94 0.00	43.80 2.89 0.00	41.00 2.45 0.00	37.84 2.08 0.00	43.54 2.17 0.00	54.83 2.01 0.00	54.54 1.93 0.00	50.55 2.04 1.61	48.23 2.66 2.24	50.31 3.03 0.00	318.47 3.38 -266.13	210.35 3.64 -145.35	181.42 3.67 -115.60	285.63 4.40 -220.61	330.55 5.23 -265.90	284.11 5.84 -219.14	284.88 6.59 -218.49	321.48 5.62 -262.58	300.28 5.53 -230.27	235.03 4.77 -158.50	59.42 2.99 3.26	51.96 1.56 4.54	38.86 1.87 21.07
KEDC PORT_JEFF_GT3 24211	45.82 2.41 0.00	48.07 2.94 0.00	43.80 2.89 0.00	41.00 2.45 0.00	37.84 2.08 0.00	43.54 2.17 0.00	54.83 2.01 0.00	54.54 1.93 0.00	50.55 2.04 1.61	48.23 2.66 2.24	50.31 3.03 0.00	318.47 3.38 -266.13	210.35 3.64 -145.35	181.42 3.67 -115.60	285.63 4.40 -220.61	330.55 5.23 -265.90	284.11 5.84 -219.14	284.88 6.59 -218.49	321.48 5.62 -262.58	300.28 5.53 -230.27	235.03 4.77 -158.50	59.42 2.99 3.26	51.96 1.56 4.54	38.86 1.87 21.07
KEDC_GLWD_GT4 24219	45.80 2.39 0.00	47.76 2.63 0.00	43.49 2.58 0.00	40.78 2.22 0.00	37.74 1.99 0.00	43.53 2.16 0.00	55.04 2.22 0.00	54.97 2.37 0.00	52.72 2.59 0.00	50.76 2.94 0.00	50.60 3.32 0.00	52.55 3.58 0.00	66.63 3.79 -1.48	66.17 4.02 0.00	67.78 4.55 -2.61	69.71 5.24 -5.05	150.77 5.83 -85.81	277.65 6.52 -211.34	206.53 5.34 -147.92	126.99 5.53 -56.97	87.06 5.04 -10.25	72.11 3.31 -9.11	65.31 2.04 -8.33	67.78 2.42 -7.31
KEDC_GLWD_GT5 24220	45.80 2.39 0.00	47.76 2.63 0.00	43.49 2.58 0.00	40.78 2.22 0.00	37.74 1.99 0.00	43.53 2.16 0.00	55.04 2.22 0.00	54.97 2.37 0.00	52.72 2.59 0.00	50.76 2.94 0.00	50.60 3.32 0.00	52.55 3.58 0.00	66.63 3.79 -1.48	66.17 4.02 0.00	67.78 4.55 -2.61	69.71 5.24 -5.05	150.77 5.83 -85.81	277.65 6.52 -211.34	206.53 5.34 -147.92	126.99 5.53 -56.97	87.06 5.04 -10.25	72.11 3.31 -9.11	65.31 2.04 -8.33	67.78 2.42 -7.31
KENSICO____ 23655	45.43 2.02 0.00	47.28 2.15 0.00	43.04 2.13 0.00	40.41 1.85 0.00	37.44 1.69 0.00	43.21 1.85 0.00	54.78 1.96 0.00	54.74 2.13 0.00	52.49 2.36 0.00	50.55 2.73 0.00	50.04 2.76 0.00	51.88 2.92 0.00	64.66 3.30 0.00	65.68 3.53 0.00	64.54 3.92 0.00	63.92 4.50 0.00	64.12 4.99 0.00	65.28 5.48 0.00	57.88 4.60 0.00	69.06 4.58 0.00	75.95 4.19 0.00	62.40 2.71 0.00	56.57 1.62 0.00	59.94 1.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.73 2.33 0.00	47.42 2.29 0.00	43.09 2.17 0.00	40.45 1.90 0.00	37.48 1.73 0.00	43.27 1.90 0.00	54.90 2.08 0.00	54.89 2.29 0.00	52.57 2.45 0.00	50.47 2.66 0.00	49.91 2.64 0.00	51.70 2.74 0.00	64.79 3.44 0.00	65.94 3.79 0.00	64.75 4.13 0.00	64.06 4.64 0.00	64.29 5.16 0.00	65.58 5.78 0.00	58.38 5.10 0.00	69.79 5.31 0.00	76.79 5.03 0.00	63.07 3.39 0.00	57.21 2.27 0.00	60.59 2.54 0.00

KIAC_JFK_GT1 23816	45.64 2.23 0.00	47.58 2.44 0.00	43.30 2.38 0.00	40.64 2.09 0.00	37.68 1.92 0.00	43.51 2.15 0.00	55.17 2.36 0.00	55.22 2.61 0.00	53.03 2.91 0.00	51.14 3.33 0.00	50.44 3.16 0.00	52.30 3.34 0.00	65.16 3.80 0.00	66.04 3.89 0.00	64.90 4.28 0.00	64.39 4.97 0.00	64.95 5.57 -0.25	67.52 6.02 -1.71	58.30 5.02 0.00	69.43 4.95 0.00	76.34 4.58 0.00	62.73 3.05 0.00	56.92 1.97 0.00	60.27 2.21 0.00
KIAC_JFK_GT2 23817	45.64 2.23 0.00	47.58 2.44 0.00	43.30 2.38 0.00	40.64 2.09 0.00	37.68 1.92 0.00	43.51 2.15 0.00	55.17 2.36 0.00	55.22 2.61 0.00	53.03 2.91 0.00	51.14 3.33 0.00	50.44 3.16 0.00	52.30 3.34 0.00	65.16 3.80 0.00	66.04 3.89 0.00	64.90 4.28 0.00	64.39 4.97 0.00	64.95 5.57 -0.25	67.52 6.02 -1.71	58.30 5.02 0.00	69.43 4.95 0.00	76.34 4.58 0.00	62.73 3.05 0.00	56.92 1.97 0.00	60.27 2.21 0.00
KIAC_JFK____ 323774	45.64 2.23 0.00	47.57 2.44 0.00	43.29 2.38 0.00	40.64 2.09 0.00	37.68 1.93 0.00	43.51 2.14 0.00	55.17 2.35 0.00	55.22 2.61 0.00	53.03 2.91 0.00	51.14 3.33 0.00	50.44 3.16 0.00	52.30 3.34 0.00	65.16 3.80 0.00	66.04 3.89 0.00	64.90 4.28 0.00	64.39 4.97 0.00	64.95 5.57 -0.25	67.52 6.02 -1.71	58.30 5.02 0.00	69.43 4.95 0.00	76.34 4.58 0.00	62.73 3.04 0.00	56.92 1.97 0.00	60.27 2.21 0.00
KINTIGH__24_KV_GSU 356498	42.84 -0.57 0.00	44.36 -0.77 0.00	39.92 -0.99 0.00	37.59 -0.97 0.00	34.99 -0.76 0.00	40.55 -0.82 0.00	51.88 -0.94 0.00	50.93 -1.67 0.00	48.31 -1.81 0.00	46.33 -1.48 0.00	46.35 -0.92 0.00	48.15 -0.82 0.00	61.35 -0.01 0.00	61.67 -0.48 0.00	59.98 -0.64 0.00	58.92 -0.50 0.00	59.16 0.03 0.00	60.23 0.43 0.00	53.71 0.42 0.00	64.83 0.34 0.00	71.68 -0.08 0.00	60.11 0.43 0.00	55.29 0.34 0.00	58.45 0.40 0.00
KINTIGH____ 23543	42.80 -0.60 0.00	44.32 -0.81 0.00	39.89 -1.02 0.00	37.56 -1.00 0.00	34.96 -0.79 0.00	40.51 -0.86 0.00	51.83 -0.99 0.00	50.88 -1.72 0.00	48.27 -1.86 0.00	46.29 -1.52 0.00	46.31 -0.97 0.00	48.11 -0.86 0.00	61.30 -0.06 0.00	61.61 -0.54 0.00	59.94 -0.69 0.00	58.88 -0.54 0.00	59.11 -0.02 0.00	60.16 0.36 0.00	53.67 0.39 0.00	64.78 0.30 0.00	71.63 -0.13 0.00	60.06 0.38 0.00	55.23 0.28 0.00	58.41 0.36 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.27 -0.14 0.00	45.31 0.18 0.00	40.86 -0.05 0.00	38.48 -0.07 0.00	35.66 -0.09 0.00	41.52 0.15 0.00	53.31 0.50 0.00	52.49 -0.11 0.00	49.52 -0.60 0.00	46.98 -0.83 0.00	46.87 -0.41 0.00	48.50 -0.47 0.00	60.86 -0.50 0.00	61.11 -1.04 0.00	59.34 -1.28 0.00	57.93 -1.49 0.00	57.49 -1.64 0.00	57.71 -2.09 0.00	51.36 -1.93 0.00	62.87 -1.61 0.00	70.50 -1.26 0.00	59.22 -0.46 0.00	55.22 0.28 0.00	58.59 0.54 0.00
LACHUTE____HYDRO 323717	46.31 2.90 0.00	48.16 3.03 0.00	43.63 2.72 0.00	41.20 2.64 0.00	38.28 2.53 0.00	44.48 3.12 0.00	56.61 3.79 0.00	56.82 4.22 0.00	54.50 4.37 0.00	51.88 4.07 0.00	50.46 3.18 0.00	52.30 3.33 0.00	65.39 4.03 0.00	66.28 4.13 0.00	65.08 4.46 0.00	63.92 4.50 0.00	63.53 4.40 0.00	65.85 6.05 0.00	59.17 5.89 0.00	71.48 7.00 0.00	81.92 10.16 0.00	68.26 8.57 0.00	62.04 7.09 0.00	64.96 6.91 0.00
LAWRNCALV_115KV_TB1 80681	43.75 0.34 0.00	45.53 0.40 0.00	41.05 0.14 0.00	38.66 0.11 0.00	35.92 0.16 0.00	41.69 0.33 0.00	53.79 0.97 0.00	53.53 0.93 0.00	50.73 0.60 0.00	47.77 -0.05 0.00	47.11 -0.17 0.00	49.13 0.17 0.00	61.64 0.28 0.00	62.24 0.09 0.00	60.22 -0.40 0.00	58.39 -1.04 0.00	57.74 -1.39 0.00	57.74 -2.06 0.00	51.56 -1.72 0.00	63.35 -1.13 0.00	71.24 -0.52 0.00	60.04 0.35 0.00	56.28 1.33 0.00	59.57 1.52 0.00
LEDERLE____ 23769	45.52 2.11 0.00	47.34 2.21 0.00	43.04 2.13 0.00	40.38 1.83 0.00	37.42 1.67 0.00	43.20 1.83 0.00	54.80 1.98 0.00	54.78 2.17 0.00	52.50 2.37 0.00	50.53 2.72 0.00	50.07 2.79 0.00	51.98 3.02 0.00	64.92 3.57 0.00	65.94 3.79 0.00	64.77 4.15 0.00	64.12 4.70 0.00	64.30 5.16 0.00	65.50 5.69 0.00	58.07 4.79 0.00	69.30 4.82 0.00	76.21 4.45 0.00	62.62 2.94 0.00	56.75 1.81 0.00	60.10 2.05 0.00
LIGHTHSE_115KV_TB6 355974	43.78 0.37 0.00	45.40 0.27 0.00	41.09 0.18 0.00	38.66 0.11 0.00	35.94 0.18 0.00	41.59 0.22 0.00	53.02 0.20 0.00	52.78 0.17 0.00	50.07 -0.06 0.00	47.51 -0.30 0.00	46.94 -0.34 0.00	48.40 -0.57 0.00	60.52 -0.84 0.00	61.17 -0.98 0.00	59.58 -1.04 0.00	58.47 -0.95 0.00	58.24 -0.89 0.00	59.20 -0.60 0.00	53.09 -0.20 0.00	64.67 0.18 0.00	72.45 0.69 0.00	60.54 0.85 0.00	55.77 0.83 0.00	58.67 0.62 0.00
LINDEN COGEN____ 23786	45.36 1.95 0.00	47.25 2.12 0.00	43.04 2.13 0.00	40.39 1.83 0.00	37.44 1.68 0.00	43.21 1.84 0.00	54.71 1.89 0.00	54.74 2.14 0.00	52.59 2.46 0.00	50.70 2.89 0.00	50.16 2.88 0.00	51.95 2.99 0.00	64.60 3.25 0.00	65.62 3.47 0.00	64.50 3.88 0.00	63.93 4.51 0.00	64.17 5.04 0.00	65.29 5.49 0.00	57.78 4.49 0.00	68.86 4.38 0.00	75.66 3.91 0.00	62.11 2.42 0.00	56.28 1.34 0.01	59.59 1.67 0.14
LINDHRST_69_KV_BK1 356055	46.19 2.78 0.00	48.30 3.17 0.00	43.99 3.08 0.00	41.19 2.64 0.00	38.05 2.30 0.00	43.80 2.43 0.00	55.22 2.40 0.00	55.00 2.39 0.00	52.11 2.60 0.61	50.19 3.16 0.79	50.79 3.51 0.00	75.06 3.90 -22.20	76.74 4.52 -10.86	74.47 4.74 -7.58	82.94 5.37 -16.95	87.71 6.19 -22.10	160.96 6.96 -94.87	277.35 7.67 -209.87	215.15 6.45 -155.42	130.80 6.54 -59.77	93.46 5.88 -15.82	63.89 3.97 -0.23	57.25 2.57 0.27	47.87 2.75 12.93
LIPA_MISC_IPP 23656	45.94 2.53 0.00	48.12 2.99 0.00	43.84 2.93 0.00	41.03 2.47 0.00	37.84 2.09 0.00	43.51 2.15 0.00	54.81 1.99 0.00	54.50 1.89 0.00	51.04 2.10 1.18	48.98 2.79 1.63	50.42 3.15 0.00	304.23 3.54 -251.73	188.70 3.92 -123.42	158.23 4.11 -91.98	250.22 4.81 -184.78	289.57 5.68 -224.47	268.49 6.33 -203.04	283.86 7.01 -217.06	302.34 6.03 -243.03	270.87 6.09 -200.30	210.47 5.33 -133.38	59.43 3.34 3.60	52.07 1.79 4.67	38.65 1.91 21.32
LISF____SOLAR 323691	46.09 2.69 0.00	48.27 3.14 0.00	43.98 3.06 0.00	41.14 2.59 0.00	37.96 2.20 0.00	43.64 2.27 0.00	54.98 2.16 0.00	54.67 2.06 0.00	51.14 2.25 1.24	49.03 2.93 1.71	50.55 3.27 0.00	302.94 3.68 -250.29	190.54 4.13 -125.05	160.61 4.31 -94.15	253.28 5.03 -187.63	293.03 5.90 -227.70	269.46 6.55 -203.78	284.23 7.26 -217.17	304.19 6.26 -244.65	273.54 6.38 -202.68	212.79 5.64 -135.39	59.72 3.56 3.53	52.33 2.01 4.62	38.95 2.11 21.22
LITTLE FALLS____HYD 24013	44.40 0.99 0.00	46.30 1.16 0.00	42.16 1.24 0.00	39.72 1.16 0.00	36.83 1.08 0.00	42.56 1.19 0.00	53.70 0.89 0.00	53.20 0.59 0.00	50.47 0.34 0.00	48.48 0.67 0.00	47.28 0.01 0.00	49.10 0.14 0.00	60.91 -0.44 0.00	61.71 -0.44 0.00	60.86 0.23 0.00	60.34 0.92 0.00	60.04 0.91 0.00	62.19 2.39 0.00	56.06 2.78 0.00	67.67 3.19 0.00	75.22 3.46 0.00	61.80 2.11 0.00	55.97 1.03 0.00	58.73 0.68 0.00

LITTLRIV_115KV_TB1 356100	44.47 1.06 0.00	46.25 1.12 0.00	41.66 0.75 0.00	39.22 0.66 0.00	36.44 0.68 0.00	42.31 0.95 0.00	54.65 1.83 0.00	54.26 1.65 0.00	51.29 1.16 0.00	48.06 0.24 0.00	47.44 0.16 0.00	49.45 0.49 0.00	62.10 0.74 0.00	62.70 0.55 0.00	60.66 0.04 0.00	58.78 -0.64 0.00	58.11 -1.02 0.00	58.16 -1.64 0.00	52.19 -1.09 0.00	64.56 0.07 0.00	72.64 0.88 0.00	61.26 1.58 0.00	57.38 2.43 0.00	60.65 2.59 0.00
LI_NEWBRDGE___DRP 323616	45.36 1.95 0.00	47.42 2.29 0.00	43.20 2.29 0.00	40.48 1.93 0.00	37.43 1.68 0.00	43.11 1.75 0.00	54.35 1.54 0.00	54.14 1.54 0.00	51.89 1.77 0.00	50.16 2.34 0.00	49.86 2.58 0.00	51.80 2.84 0.00	63.18 3.17 1.35	65.50 3.35 0.00	64.75 3.96 -0.17	64.61 4.70 -0.48	148.40 5.35 -83.92	274.52 5.94 -208.78	205.02 5.00 -146.74	105.20 4.88 -35.84	75.07 4.17 0.86	54.60 2.59 7.67	48.79 1.40 7.55	33.04 1.59 26.61
LOCKPORT_115KV_TB60_63_64 80432	42.64 -0.77 0.00	44.11 -1.02 0.00	39.54 -1.37 0.00	37.26 -1.30 0.00	34.72 -1.04 0.00	40.30 -1.07 0.00	51.54 -1.28 0.00	50.27 -2.34 0.00	47.45 -2.68 0.00	45.55 -2.26 0.00	45.71 -1.57 0.00	47.58 -1.39 0.00	60.89 -0.46 0.00	61.10 -1.05 0.00	59.46 -1.16 0.00	58.40 -1.02 0.00	58.74 -0.40 0.00	59.78 -0.02 0.00	53.47 0.19 0.00	64.53 0.05 0.00	71.32 -0.43 0.00	60.04 0.35 0.00	55.27 0.33 0.00	58.68 0.63 0.00
LOCKPORT___CC1 323769	42.48 -0.93 0.00	43.97 -1.16 0.00	39.43 -1.48 0.00	37.14 -1.41 0.00	34.62 -1.14 0.00	40.17 -1.20 0.00	51.38 -1.44 0.00	50.14 -2.46 0.00	47.35 -2.78 0.00	45.45 -2.36 0.00	45.61 -1.67 0.00	47.46 -1.51 0.00	60.74 -0.61 0.00	60.95 -1.20 0.00	59.32 -1.30 0.00	58.25 -1.17 0.00	58.56 -0.57 0.00	59.61 -0.19 0.00	53.31 0.03 0.00	64.33 -0.15 0.00	71.11 -0.66 0.00	59.85 0.16 0.00	55.11 0.17 0.00	58.46 0.40 0.00
LOCKPORT___CC2 323770	42.48 -0.93 0.00	43.97 -1.16 0.00	39.43 -1.48 0.00	37.14 -1.41 0.00	34.62 -1.14 0.00	40.17 -1.20 0.00	51.38 -1.44 0.00	50.14 -2.46 0.00	47.35 -2.78 0.00	45.45 -2.36 0.00	45.61 -1.67 0.00	47.46 -1.51 0.00	60.74 -0.61 0.00	60.95 -1.20 0.00	59.32 -1.30 0.00	58.25 -1.17 0.00	58.56 -0.57 0.00	59.61 -0.19 0.00	53.31 0.03 0.00	64.33 -0.15 0.00	71.11 -0.66 0.00	59.85 0.16 0.00	55.11 0.17 0.00	58.46 0.40 0.00
LOCKPORT___CC3 323771	42.48 -0.93 0.00	43.97 -1.16 0.00	39.43 -1.48 0.00	37.14 -1.41 0.00	34.62 -1.14 0.00	40.17 -1.20 0.00	51.38 -1.44 0.00	50.14 -2.46 0.00	47.35 -2.78 0.00	45.45 -2.36 0.00	45.61 -1.67 0.00	47.46 -1.51 0.00	60.74 -0.61 0.00	60.95 -1.20 0.00	59.32 -1.30 0.00	58.25 -1.17 0.00	58.56 -0.57 0.00	59.61 -0.19 0.00	53.31 0.03 0.00	64.33 -0.15 0.00	71.11 -0.66 0.00	59.85 0.16 0.00	55.11 0.17 0.00	58.46 0.40 0.00
LOCUSVLY_69_KV_BK2 55797	45.86 2.45 0.00	47.90 2.77 0.00	43.61 2.70 0.00	40.86 2.30 0.00	37.79 2.04 0.00	43.57 2.20 0.00	55.00 2.18 0.00	54.88 2.28 0.00	52.64 2.51 0.00	50.81 3.00 0.00	50.60 3.32 0.00	52.63 3.67 0.00	66.47 4.17 -0.95	66.56 4.40 0.00	67.81 5.04 -2.15	69.41 5.80 -4.19	150.90 6.38 -85.39	277.24 7.02 -210.42	206.86 5.89 -147.70	123.48 6.00 -53.00	85.34 5.42 -8.17	69.14 3.56 -5.88	62.50 2.20 -5.35	60.96 2.43 -0.48
LONG_LAKE_PHOENIX 24014	42.87 -0.54 0.00	44.46 -0.67 0.00	40.29 -0.62 0.00	37.95 -0.61 0.00	35.26 -0.50 0.00	40.75 -0.62 0.00	51.84 -0.98 0.00	51.62 -0.98 0.00	49.12 -1.00 0.00	46.84 -0.97 0.00	46.27 -1.01 0.00	47.83 -1.13 0.00	59.88 -1.48 0.00	60.66 -1.49 0.00	59.14 -1.48 0.00	58.08 -1.34 0.00	57.93 -1.20 0.00	58.85 -0.95 0.00	52.60 -0.68 0.00	63.61 -0.88 0.00	70.67 -1.09 0.00	58.95 -0.74 0.00	54.16 -0.79 0.00	57.12 -0.93 0.00
LOVETT___3 23632	45.17 1.76 0.00	47.01 1.88 0.00	42.77 1.85 0.00	40.15 1.59 0.00	37.21 1.45 0.00	42.92 1.56 0.00	54.43 1.61 0.00	54.40 1.79 0.00	52.12 2.00 0.00	50.16 2.34 0.00	49.66 2.38 0.00	51.51 2.55 0.00	64.28 2.93 0.00	65.28 3.14 0.00	64.11 3.49 0.00	63.46 4.04 0.00	63.64 4.50 0.00	64.81 5.01 0.00	57.46 4.18 0.00	68.60 4.12 0.00	75.44 3.68 0.00	62.02 2.33 0.00	56.24 1.30 0.00	59.61 1.55 0.00
LOVETT___4 23642	45.17 1.76 0.00	47.01 1.88 0.00	42.77 1.85 0.00	40.15 1.59 0.00	37.21 1.45 0.00	42.92 1.56 0.00	54.43 1.61 0.00	54.40 1.79 0.00	52.12 2.00 0.00	50.16 2.34 0.00	49.66 2.38 0.00	51.51 2.55 0.00	64.28 2.93 0.00	65.28 3.14 0.00	64.11 3.49 0.00	63.46 4.04 0.00	63.64 4.50 0.00	64.81 5.01 0.00	57.46 4.18 0.00	68.60 4.12 0.00	75.44 3.68 0.00	62.02 2.33 0.00	56.24 1.30 0.00	59.61 1.55 0.00
LOVETT___5 23593	45.17 1.76 0.00	47.01 1.88 0.00	42.77 1.85 0.00	40.15 1.59 0.00	37.21 1.45 0.00	42.92 1.56 0.00	54.43 1.61 0.00	54.40 1.79 0.00	52.12 2.00 0.00	50.16 2.34 0.00	49.66 2.38 0.00	51.51 2.55 0.00	64.28 2.93 0.00	65.28 3.14 0.00	64.11 3.49 0.00	63.46 4.04 0.00	63.64 4.50 0.00	64.81 5.01 0.00	57.46 4.18 0.00	68.60 4.12 0.00	75.44 3.68 0.00	62.02 2.33 0.00	56.24 1.30 0.00	59.61 1.55 0.00
LOWER RAQUET___HYD 24057	43.81 0.40 0.00	45.58 0.45 0.00	41.09 0.18 0.00	38.69 0.13 0.00	35.97 0.22 0.00	41.75 0.39 0.00	53.90 1.08 0.00	53.61 1.01 0.00	50.77 0.64 0.00	47.77 -0.05 0.00	47.12 -0.16 0.00	49.11 0.14 0.00	61.54 0.19 0.00	62.15 0.00 0.00	60.13 -0.48 0.00	58.23 -1.20 0.00	57.54 -1.60 0.00	57.53 -2.27 0.00	51.41 -1.88 0.00	63.24 -1.24 0.00	71.19 -0.56 0.00	60.07 0.39 0.00	56.40 1.45 0.00	59.71 1.66 0.00
LOWER___HUDSON 24059	44.77 1.36 0.00	46.68 1.55 0.00	42.45 1.54 0.00	39.95 1.40 0.00	37.04 1.29 0.00	42.84 1.47 0.00	54.37 1.55 0.00	54.09 1.49 0.00	51.64 1.52 0.00	49.40 1.59 0.00	48.49 1.21 0.00	50.23 1.27 0.00	62.76 1.41 0.00	63.65 1.50 0.00	62.40 1.78 0.00	61.44 2.02 0.00	61.22 2.09 0.00	62.41 2.61 0.00	55.76 2.48 0.00	67.03 2.55 0.00	74.48 2.72 0.00	61.47 1.78 0.00	56.09 1.14 0.00	59.15 1.10 0.00
LOWVILLE_115KV_TB2 356335	45.33 1.92 0.00	47.00 1.87 0.00	42.49 1.58 0.00	39.97 1.41 0.00	37.13 1.38 0.00	43.07 1.70 0.00	55.15 2.33 0.00	54.91 2.31 0.00	51.88 1.76 0.00	48.85 1.03 0.00	48.08 0.80 0.00	49.63 0.67 0.00	61.89 0.54 0.00	62.63 0.48 0.00	61.13 0.50 0.00	60.01 0.59 0.00	59.83 0.70 0.00	60.62 0.82 0.00	54.47 1.19 0.00	66.82 2.34 0.00	75.63 3.87 0.00	63.28 3.60 0.00	58.27 3.32 0.00	61.25 3.20 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	45.59 2.18 0.00	47.47 2.34 0.00	43.14 2.23 0.00	40.64 2.09 0.00	37.69 1.94 0.00	43.61 2.25 0.00	55.42 2.60 0.00	55.12 2.52 0.00	52.56 2.43 0.00	50.30 2.49 0.00	49.31 2.03 0.00	51.12 2.16 0.00	63.95 2.59 0.00	64.84 2.69 0.00	63.57 2.95 0.00	62.64 3.22 0.00	62.51 3.38 0.00	63.90 4.10 0.00	57.19 3.91 0.00	68.89 4.41 0.00	76.70 4.94 0.00	63.34 3.65 0.00	57.75 2.80 0.00	60.81 2.76 0.00

LUTHERNY_35_KV_BK2 355980	45.57 2.17 0.00	47.48 2.35 0.00	43.15 2.23 0.00	40.64 2.09 0.00	37.68 1.93 0.00	43.62 2.26 0.00	55.49 2.67 0.00	55.17 2.56 0.00	52.56 2.44 0.00	50.28 2.47 0.00	49.34 2.06 0.00	51.19 2.22 0.00	64.03 2.68 0.00	64.93 2.78 0.00	63.64 3.02 0.00	62.71 3.29 0.00	62.67 3.54 0.00	64.03 4.23 0.00	57.29 4.01 0.00	69.01 4.52 0.00	76.83 5.07 0.00	63.41 3.73 0.00	57.78 2.84 0.00	60.87 2.81 0.00
LWR___OSWEGATCHIE_HYD 23850	44.44 1.03 0.00	46.15 1.02 0.00	41.65 0.74 0.00	39.19 0.63 0.00	36.42 0.67 0.00	42.28 0.91 0.00	54.34 1.52 0.00	54.08 1.48 0.00	51.11 0.98 0.00	48.02 0.21 0.00	47.25 -0.03 0.00	48.99 0.02 0.00	61.19 -0.17 0.00	61.83 -0.32 0.00	60.03 -0.60 0.00	58.57 -0.85 0.00	58.15 -0.99 0.00	58.60 -1.20 0.00	52.57 -0.72 0.00	64.67 0.19 0.00	73.24 1.48 0.00	61.56 1.87 0.00	57.20 2.25 0.00	60.32 2.27 0.00
LYONS_FALL_HYD 23570	45.07 1.66 0.00	46.75 1.62 0.00	42.30 1.39 0.00	39.80 1.25 0.00	36.97 1.22 0.00	42.84 1.48 0.00	54.80 1.98 0.00	54.59 1.98 0.00	51.71 1.59 0.00	48.96 1.15 0.00	48.25 0.97 0.00	49.88 0.91 0.00	62.28 0.93 0.00	63.11 0.96 0.00	61.64 1.01 0.00	60.52 1.10 0.00	60.34 1.21 0.00	61.16 1.36 0.00	54.90 1.62 0.00	67.00 2.52 0.00	75.30 3.54 0.00	62.80 3.11 0.00	57.71 2.76 0.00	60.69 2.63 0.00
MADISON___COUNTY_LFGE 323628	44.92 1.51 0.00	46.57 1.44 0.00	42.17 1.26 0.00	39.71 1.16 0.00	36.89 1.13 0.00	42.71 1.34 0.00	54.50 1.68 0.00	54.29 1.69 0.00	51.64 1.52 0.00	49.23 1.42 0.00	48.58 1.30 0.00	50.21 1.24 0.00	62.83 1.48 0.00	63.83 1.68 0.00	62.47 1.85 0.00	61.36 1.94 0.00	61.21 2.08 0.00	62.06 2.26 0.00	55.70 2.41 0.00	67.64 3.15 0.00	75.26 3.50 0.00	62.52 2.83 0.00	57.20 2.26 0.00	60.17 2.12 0.00
MALONE___115KV_TB1 356076	43.70 0.29 0.00	45.56 0.43 0.00	41.07 0.15 0.00	38.69 0.13 0.00	35.88 0.12 0.00	41.69 0.32 0.00	53.75 0.93 0.00	53.25 0.64 0.00	50.46 0.33 0.00	47.77 -0.05 0.00	47.46 0.18 0.00	49.11 0.14 0.00	61.66 0.30 0.00	62.16 0.01 0.00	60.34 -0.29 0.00	58.68 -0.74 0.00	58.24 -0.89 0.00	58.33 -1.47 0.00	52.02 -1.26 0.00	63.81 -0.67 0.00	71.67 -0.09 0.00	60.31 0.63 0.00	56.18 1.23 0.00	59.32 1.27 0.00
MAPLEWOD_115KV_TB3 80458	44.55 1.14 0.00	46.40 1.26 0.00	42.25 1.33 0.00	39.79 1.24 0.00	36.90 1.15 0.00	42.63 1.26 0.00	54.06 1.25 0.00	53.83 1.22 0.00	51.42 1.30 0.00	49.25 1.43 0.00	48.45 1.17 0.00	50.13 1.16 0.00	62.62 1.27 0.00	63.49 1.34 0.00	62.31 1.69 0.00	61.36 1.94 0.00	61.11 1.98 0.00	62.22 2.42 0.00	55.53 2.25 0.00	66.70 2.22 0.00	73.96 2.20 0.00	61.05 1.37 0.00	55.67 0.72 0.00	58.70 0.65 0.00
MAPLE_RIDGE_WT_1 323574	43.36 -0.05 0.00	45.12 -0.02 0.00	40.87 -0.04 0.00	38.52 -0.04 0.00	35.72 -0.04 0.00	41.33 -0.04 0.00	52.86 0.04 0.00	52.61 0.00 0.00	50.08 -0.04 0.00	47.72 -0.10 0.00	47.19 -0.09 0.00	48.91 -0.06 0.00	61.32 -0.04 0.00	62.09 -0.06 0.00	60.49 -0.13 0.00	59.24 -0.18 0.00	58.94 -0.19 0.00	59.52 -0.28 0.00	53.01 -0.27 0.00	64.27 -0.21 0.00	71.62 -0.14 0.00	59.63 -0.05 0.00	55.01 0.06 0.00	58.11 0.06 0.00
MAPLE_RIDGE_WT_2 323611	43.36 -0.05 0.00	45.12 -0.02 0.00	40.87 -0.04 0.00	38.52 -0.04 0.00	35.72 -0.04 0.00	41.33 -0.04 0.00	52.86 0.04 0.00	52.61 0.00 0.00	50.08 -0.04 0.00	47.72 -0.10 0.00	47.19 -0.09 0.00	48.91 -0.06 0.00	61.32 -0.04 0.00	62.09 -0.06 0.00	60.49 -0.13 0.00	59.24 -0.18 0.00	58.94 -0.19 0.00	59.52 -0.28 0.00	53.01 -0.27 0.00	64.27 -0.21 0.00	71.62 -0.14 0.00	59.63 -0.05 0.00	55.01 0.06 0.00	58.11 0.06 0.00
MARBLE_RIVER_WT_PWR 323696	43.07 -0.34 0.00	45.00 -0.13 0.00	40.59 -0.32 0.00	38.25 -0.30 0.00	35.46 -0.29 0.00	41.22 -0.14 0.00	52.97 0.15 0.00	52.42 -0.19 0.00	49.64 -0.49 0.00	47.08 -0.73 0.00	46.77 -0.50 0.00	48.45 -0.51 0.00	60.87 -0.48 0.00	61.33 -0.82 0.00	59.56 -1.06 0.00	58.06 -1.36 0.00	57.55 -1.58 0.00	57.76 -2.04 0.00	51.37 -1.91 0.00	62.74 -1.74 0.00	70.29 -1.47 0.00	58.92 -0.76 0.00	54.95 0.01 0.00	58.22 0.17 0.00
MARSHVLE_115KV_TB1 80742	46.22 2.81 0.00	47.85 2.72 0.00	43.27 2.36 0.00	40.82 2.27 0.00	37.89 2.13 0.00	43.87 2.50 0.00	55.84 3.02 0.00	55.51 2.91 0.00	52.23 2.10 0.00	49.66 1.84 0.00	48.87 1.59 0.00	50.89 1.92 0.00	63.39 2.04 0.00	64.58 2.43 0.00	63.01 2.39 0.00	61.66 2.23 0.00	61.44 2.30 0.00	62.59 2.79 0.00	56.52 3.24 0.00	68.94 4.46 0.00	77.01 5.25 0.00	64.20 4.52 0.00	59.12 4.17 0.00	62.41 4.36 0.00
MARSH_HILL_WT_PWR 323713	44.49 1.08 0.00	45.93 0.80 0.00	41.38 0.47 0.00	38.90 0.34 0.00	36.33 0.57 0.00	42.11 0.74 0.00	53.68 0.85 0.00	53.03 0.42 0.00	50.19 0.07 0.00	47.97 0.16 0.00	47.53 0.25 0.00	49.29 0.33 0.00	62.65 1.29 0.00	63.14 0.98 0.00	61.64 1.01 0.00	60.46 1.03 0.00	60.94 1.81 0.00	62.67 2.87 0.00	56.07 2.79 0.00	67.78 3.30 0.00	74.76 3.00 0.00	62.51 2.83 0.00	57.09 2.14 0.00	60.25 2.20 0.00
MCINTYRE_115KV_TB2 80467	44.65 1.24 0.00	46.43 1.30 0.00	41.82 0.90 0.00	39.37 0.81 0.00	36.56 0.80 0.00	42.46 1.09 0.00	54.86 2.04 0.00	54.41 1.81 0.00	51.41 1.29 0.00	48.10 0.29 0.00	47.49 0.22 0.00	49.54 0.57 0.00	62.32 0.97 0.00	62.93 0.78 0.00	60.92 0.30 0.00	59.10 -0.32 0.00	58.47 -0.66 0.00	58.51 -1.29 0.00	52.52 -0.76 0.00	65.14 0.66 0.00	73.22 1.46 0.00	61.73 2.04 0.00	57.72 2.78 0.00	60.93 2.87 0.00
MECO_____69_KV_BK1 80468	46.74 3.33 0.00	48.42 3.29 0.00	43.82 2.91 0.00	41.35 2.79 0.00	38.37 2.62 0.00	44.42 3.05 0.00	56.39 3.57 0.00	55.77 3.16 0.00	52.27 2.15 0.00	49.93 2.12 0.00	48.84 1.56 0.00	50.99 2.02 0.00	63.07 1.72 0.00	63.98 1.83 0.00	62.79 2.17 0.00	61.64 2.22 0.00	61.61 2.48 0.00	63.26 3.47 0.00	57.62 4.34 0.00	70.26 5.78 0.00	78.54 6.78 0.00	65.21 5.52 0.00	59.67 4.73 0.00	62.82 4.77 0.00
MENANDS___115KV_TB5 355628	44.16 0.75 0.00	46.04 0.91 0.00	41.94 1.03 0.00	39.51 0.95 0.00	36.64 0.88 0.00	42.32 0.95 0.00	53.66 0.84 0.00	53.42 0.82 0.00	51.06 0.94 0.00	48.91 1.10 0.00	48.15 0.87 0.00	49.81 0.85 0.00	62.14 0.79 0.00	63.00 0.85 0.00	61.79 1.17 0.00	60.83 1.41 0.00	60.57 1.44 0.00	61.61 1.81 0.00	54.97 1.69 0.00	65.97 1.49 0.00	73.15 1.39 0.00	60.37 0.68 0.00	55.04 0.10 0.00	58.07 0.02 0.00
MG INDUSTRY___DRP 24185	43.49 0.08 0.00	45.95 0.82 0.00	41.91 1.00 0.00	39.54 0.99 0.00	36.65 0.89 0.00	42.33 0.97 0.00	53.66 0.84 0.00	53.32 0.71 0.00	50.80 0.68 0.00	48.66 0.84 0.00	47.85 0.58 0.00	49.27 0.31 0.00	61.41 0.05 0.00	61.34 -0.81 0.00	60.17 -0.45 0.00	59.18 -0.25 0.00	58.92 -0.21 0.00	59.90 0.09 0.00	53.52 0.24 0.00	64.38 -0.10 0.00	71.44 -0.32 0.00	59.06 -0.63 0.00	53.93 -1.02 0.00	56.89 -1.17 0.00

MID___OSWEGATCHIE_HYD 23849	44.44 1.03 0.00	46.15 1.02 0.00	41.65 0.74 0.00	39.19 0.63 0.00	36.42 0.67 0.00	42.28 0.91 0.00	54.34 1.52 0.00	54.08 1.48 0.00	51.11 0.98 0.00	48.02 0.21 0.00	47.25 -0.03 0.00	48.99 0.02 0.00	61.19 -0.17 0.00	61.83 -0.32 0.00	60.03 -0.60 0.00	58.57 -0.85 0.00	58.15 -0.99 0.00	58.60 -1.20 0.00	52.57 -0.72 0.00	64.67 0.19 0.00	73.24 1.48 0.00	61.56 1.87 0.00	57.20 2.25 0.00	60.32 2.27 0.00
MID___RAQUETTE_HYD 23851	43.81 0.40 0.00	45.58 0.45 0.00	41.09 0.18 0.00	38.69 0.13 0.00	35.97 0.22 0.00	41.75 0.39 0.00	53.90 1.08 0.00	53.61 1.01 0.00	50.77 0.64 0.00	47.77 -0.05 0.00	47.12 -0.16 0.00	49.10 0.14 0.00	61.54 0.18 0.00	62.15 0.00 0.00	60.14 -0.49 0.00	58.23 -1.19 0.00	57.54 -1.60 0.00	57.53 -2.27 0.00	51.41 -1.88 0.00	63.25 -1.24 0.00	71.20 -0.56 0.00	60.07 0.39 0.00	56.40 1.45 0.00	59.71 1.66 0.00
MILLIKEN___1 23584	44.50 1.09 0.00	46.09 0.96 0.00	41.75 0.84 0.00	39.31 0.75 0.00	36.51 0.76 0.00	42.25 0.88 0.00	53.84 1.02 0.00	53.58 0.97 0.00	50.89 0.76 0.00	48.51 0.70 0.00	47.91 0.63 0.00	49.39 0.42 0.00	62.12 0.76 0.00	62.98 0.82 0.00	61.42 0.80 0.00	60.47 1.04 0.00	60.38 1.25 0.00	61.58 1.78 0.00	55.24 1.96 0.00	66.94 2.46 0.00	74.24 2.49 0.00	61.72 2.04 0.00	56.44 1.49 0.00	59.52 1.46 0.00
MILLIKEN___2 23585	44.50 1.09 0.00	46.09 0.96 0.00	41.75 0.84 0.00	39.31 0.75 0.00	36.51 0.76 0.00	42.25 0.88 0.00	53.84 1.02 0.00	53.58 0.97 0.00	50.89 0.76 0.00	48.51 0.70 0.00	47.91 0.63 0.00	49.39 0.42 0.00	62.12 0.76 0.00	62.98 0.82 0.00	61.42 0.80 0.00	60.47 1.04 0.00	60.38 1.25 0.00	61.58 1.78 0.00	55.24 1.96 0.00	66.94 2.46 0.00	74.24 2.49 0.00	61.72 2.04 0.00	56.44 1.49 0.00	59.52 1.46 0.00
MILLIKEN___DIESEL 23629	44.50 1.09 0.00	46.09 0.96 0.00	41.75 0.84 0.00	39.31 0.75 0.00	36.51 0.76 0.00	42.25 0.88 0.00	53.84 1.02 0.00	53.58 0.97 0.00	50.89 0.76 0.00	48.51 0.70 0.00	47.91 0.63 0.00	49.39 0.42 0.00	62.12 0.76 0.00	62.98 0.82 0.00	61.42 0.80 0.00	60.47 1.04 0.00	60.38 1.25 0.00	61.58 1.78 0.00	55.24 1.96 0.00	66.94 2.46 0.00	74.24 2.49 0.00	61.72 2.04 0.00	56.44 1.49 0.00	59.52 1.46 0.00
MILLSEAT___LFGE 323607	43.63 0.22 0.00	45.07 -0.06 0.00	40.45 -0.46 0.00	38.07 -0.48 0.00	35.48 -0.27 0.00	41.20 -0.17 0.00	52.73 -0.08 0.00	51.62 -0.98 0.00	48.75 -1.38 0.00	46.71 -1.11 0.00	46.76 -0.52 0.00	48.69 -0.27 0.00	62.30 0.94 0.00	62.69 0.54 0.00	60.94 0.32 0.00	59.91 0.49 0.00	60.29 1.16 0.00	61.49 1.69 0.00	54.96 1.68 0.00	66.27 1.79 0.00	73.48 1.72 0.00	61.77 2.08 0.00	56.70 1.75 0.00	59.97 1.91 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.33 1.92 0.00	47.18 2.05 0.00	42.95 2.03 0.00	40.32 1.76 0.00	37.35 1.60 0.00	43.12 1.76 0.00	54.65 1.84 0.00	54.62 2.02 0.00	52.36 2.23 0.00	50.40 2.58 0.00	49.88 2.60 0.00	51.72 2.76 0.00	64.48 3.13 0.00	65.51 3.36 0.00	64.35 3.73 0.00	63.72 4.30 0.00	63.91 4.78 0.00	65.06 5.26 0.00	57.71 4.43 0.00	68.88 4.40 0.00	75.75 3.99 0.00	62.25 2.57 0.00	56.46 1.51 0.00	59.82 1.76 0.00
MILLWOOD_13_KV_LOAD 356217	45.43 2.02 0.00	47.28 2.15 0.00	43.03 2.12 0.00	40.39 1.83 0.00	37.42 1.67 0.00	43.20 1.83 0.00	54.76 1.95 0.00	54.73 2.13 0.00	52.47 2.35 0.00	50.51 2.70 0.00	50.00 2.72 0.00	51.86 2.89 0.00	64.66 3.30 0.00	65.69 3.54 0.00	64.55 3.93 0.00	63.91 4.49 0.00	64.11 4.98 0.00	65.28 5.48 0.00	57.88 4.60 0.00	69.10 4.62 0.00	76.02 4.26 0.00	62.44 2.75 0.00	56.60 1.66 0.00	59.97 1.91 0.00
MODEL_CITY_ENERGY 24167	42.36 -1.05 0.00	43.83 -1.30 0.00	39.28 -1.64 0.00	37.00 -1.55 0.00	34.50 -1.26 0.00	40.04 -1.32 0.00	51.18 -1.64 0.00	49.85 -2.76 0.00	47.01 -3.11 0.00	45.14 -2.67 0.00	45.30 -1.98 0.00	47.14 -1.82 0.00	60.33 -1.02 0.00	60.49 -1.66 0.00	58.86 -1.76 0.00	57.82 -1.60 0.00	58.17 -0.97 0.00	59.18 -0.62 0.00	52.95 -0.33 0.00	63.89 -0.60 0.00	70.58 -1.18 0.00	59.46 -0.23 0.00	54.80 -0.15 0.00	58.29 0.24 0.00
MODERN_LFGE___ 323580	42.36 -1.05 0.00	43.83 -1.30 0.00	39.28 -1.64 0.00	37.00 -1.55 0.00	34.50 -1.26 0.00	40.04 -1.32 0.00	51.18 -1.64 0.00	49.85 -2.76 0.00	47.01 -3.11 0.00	45.14 -2.67 0.00	45.30 -1.98 0.00	47.14 -1.82 0.00	60.33 -1.02 0.00	60.49 -1.66 0.00	58.86 -1.76 0.00	57.82 -1.60 0.00	58.17 -0.97 0.00	59.18 -0.62 0.00	52.95 -0.33 0.00	63.89 -0.60 0.00	70.58 -1.18 0.00	59.46 -0.23 0.00	54.80 -0.15 0.00	58.29 0.24 0.00
MOHAWK_PAPER___DRP 24187	44.55 1.14 0.00	46.40 1.26 0.00	42.25 1.33 0.00	39.79 1.24 0.00	36.90 1.15 0.00	42.63 1.26 0.00	54.06 1.25 0.00	53.83 1.22 0.00	51.42 1.30 0.00	49.25 1.43 0.00	48.45 1.17 0.00	50.13 1.16 0.00	62.62 1.27 0.00	63.49 1.34 0.00	62.31 1.69 0.00	61.36 1.94 0.00	61.11 1.98 0.00	62.22 2.42 0.00	55.53 2.25 0.00	66.70 2.22 0.00	73.96 2.20 0.00	61.05 1.37 0.00	55.67 0.72 0.00	58.70 0.65 0.00
MOHICAN___35_KV_115KV_LD 80490	46.07 2.66 0.00	47.96 2.83 0.00	43.53 2.62 0.00	41.05 2.50 0.00	38.10 2.35 0.00	44.12 2.76 0.00	56.09 3.27 0.00	55.90 3.30 0.00	53.39 3.26 0.00	51.06 3.24 0.00	49.80 2.52 0.00	51.60 2.64 0.00	64.55 3.19 0.00	65.39 3.24 0.00	64.18 3.56 0.00	63.28 3.85 0.00	63.15 4.02 0.00	64.78 4.98 0.00	58.20 4.92 0.00	70.06 5.58 0.00	78.64 6.88 0.00	64.97 5.28 0.00	59.18 4.24 0.00	62.21 4.16 0.00
MONGAUP___HYD 23641	45.72 2.31 0.00	47.49 2.36 0.00	43.14 2.23 0.00	40.52 1.96 0.00	37.56 1.80 0.00	43.37 2.00 0.00	55.07 2.25 0.00	54.89 2.29 0.00	52.29 2.17 0.00	49.93 2.11 0.00	49.35 2.07 0.00	50.78 1.81 0.00	63.92 2.57 0.00	65.23 3.08 0.00	64.00 3.38 0.00	62.90 3.48 0.00	63.01 3.88 0.00	64.33 4.53 0.00	57.70 4.42 0.00	69.10 4.62 0.00	76.84 5.08 0.00	63.19 3.50 0.00	57.34 2.40 0.00	60.54 2.49 0.00
MONTAUK___DIESEL 23721	47.69 4.28 0.00	50.30 5.17 0.00	45.94 5.03 0.00	42.91 4.35 0.00	39.26 3.51 0.00	44.83 3.47 0.00	56.37 3.55 0.00	55.58 2.97 0.00	52.30 3.38 1.20	50.69 4.54 1.66	52.79 5.51 0.00	306.58 6.15 -251.46	192.18 6.71 -124.11	161.97 6.97 -92.84	254.53 7.94 -185.97	294.04 8.79 -225.82	272.13 9.58 -203.42	287.45 10.54 -217.11	306.29 9.31 -243.70	275.52 9.75 -201.29	214.96 8.98 -134.22	63.08 6.97 3.58	55.15 4.86 4.66	41.73 4.96 21.28
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.43 1.02 0.00	45.80 0.67 0.00	41.14 0.23 0.00	38.64 0.08 0.00	36.08 0.32 0.00	41.82 0.45 0.00	53.56 0.75 0.00	52.84 0.23 0.00	50.05 -0.08 0.00	48.05 0.23 0.00	48.27 1.00 0.00	50.26 1.30 0.00	63.83 2.48 0.00	64.12 1.97 0.00	62.65 2.03 0.00	61.65 2.22 0.00	62.04 2.91 0.00	63.56 3.76 0.00	56.54 3.26 0.00	68.30 3.82 0.00	74.91 3.15 0.00	62.73 3.04 0.00	57.37 2.43 0.00	60.72 2.67 0.00

MORRIS_RIDGE___SOLAR 323848	43.64 0.23 0.00	45.07 -0.07 0.00	40.59 -0.32 0.00	38.16 -0.39 0.00	35.64 -0.12 0.00	41.28 -0.09 0.00	52.65 -0.17 0.00	51.87 -0.74 0.00	49.03 -1.09 0.00	46.91 -0.91 0.00	46.55 -0.73 0.00	48.29 -0.67 0.00	61.43 0.08 0.00	61.91 -0.24 0.00	60.41 -0.21 0.00	59.19 -0.23 0.00	59.69 0.56 0.00	61.33 1.53 0.00	54.87 1.59 0.00	66.20 1.72 0.00	73.15 1.40 0.00	61.21 1.53 0.00	56.01 1.07 0.00	59.24 1.18 0.00
MORTIMER_115KV_TB3 55949	43.53 0.13 0.00	45.06 -0.07 0.00	40.61 -0.30 0.00	38.22 -0.34 0.00	35.55 -0.21 0.00	41.19 -0.18 0.00	52.69 -0.13 0.00	52.03 -0.58 0.00	49.47 -0.66 0.00	47.37 -0.44 0.00	47.24 -0.04 0.00	49.08 0.12 0.00	62.39 1.03 0.00	62.96 0.82 0.00	61.25 0.63 0.00	60.16 0.74 0.00	60.32 1.19 0.00	61.36 1.56 0.00	54.75 1.46 0.00	66.06 1.58 0.00	73.18 1.43 0.00	61.16 1.47 0.00	56.12 1.17 0.00	59.12 1.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.56 2.15 0.00	47.46 2.33 0.00	43.25 2.34 0.00	40.60 2.05 0.00	37.63 1.88 0.00	43.44 2.07 0.00	55.03 2.21 0.00	55.04 2.43 0.00	52.83 2.71 0.00	50.92 3.11 0.00	50.38 3.11 0.00	52.19 3.23 0.00	64.96 3.60 0.00	65.98 3.83 0.00	64.85 4.23 0.00	64.28 4.86 0.00	64.51 5.38 0.00	65.64 5.84 0.00	58.14 4.86 0.00	69.28 4.80 0.00	76.14 4.38 0.00	62.53 2.85 0.00	56.68 1.73 0.00	60.12 2.07 0.00
MUNSVILLE_WIND_PWR 323609	47.09 3.69 0.00	48.78 3.65 0.00	44.11 3.20 0.00	41.49 2.93 0.00	38.60 2.85 0.00	44.77 3.40 0.00	57.19 4.37 0.00	57.02 4.42 0.00	54.15 4.02 0.00	51.78 3.97 0.00	51.20 3.93 0.00	52.74 3.78 0.00	66.33 4.97 0.00	67.40 5.25 0.00	65.76 5.14 0.00	64.80 5.38 0.00	64.80 5.67 0.00	66.41 6.61 0.00	59.75 6.46 0.00	72.40 7.92 0.00	80.18 8.43 0.00	66.54 6.85 0.00	60.46 5.51 0.00	63.35 5.30 0.00
N SALMON___HYD 24042	43.70 0.29 0.00	45.56 0.43 0.00	41.07 0.16 0.00	38.69 0.13 0.00	35.88 0.13 0.00	41.69 0.32 0.00	53.74 0.93 0.00	53.25 0.65 0.00	50.46 0.33 0.00	47.77 -0.05 0.00	47.46 0.18 0.00	49.11 0.14 0.00	61.66 0.30 0.00	62.16 0.01 0.00	60.34 -0.29 0.00	58.68 -0.74 0.00	58.24 -0.89 0.00	58.33 -1.47 0.00	52.02 -1.26 0.00	63.81 -0.67 0.00	71.67 -0.09 0.00	60.31 0.63 0.00	56.17 1.23 0.00	59.32 1.27 0.00
N.AKRON__115KV_KNAPP 355671	43.37 -0.04 0.00	44.83 -0.30 0.00	40.20 -0.71 0.00	37.85 -0.70 0.00	35.28 -0.47 0.00	40.96 -0.40 0.00	52.42 -0.40 0.00	51.27 -1.34 0.00	48.42 -1.70 0.00	46.41 -1.40 0.00	46.51 -0.77 0.00	48.44 -0.52 0.00	61.99 0.63 0.00	62.31 0.16 0.00	60.59 -0.03 0.00	59.57 0.15 0.00	59.91 0.78 0.00	61.04 1.24 0.00	54.58 1.30 0.00	65.82 1.34 0.00	72.90 1.14 0.00	61.29 1.60 0.00	56.32 1.37 0.00	59.63 1.58 0.00
N.E_GEN_SANDY PD 24062	43.53 1.20 1.08	46.51 1.37 0.00	42.33 1.42 0.00	39.77 1.21 0.00	36.86 1.11 0.00	36.25 1.24 6.36	62.12 1.22 -8.08	53.84 1.24 0.00	51.51 1.39 0.00	49.34 1.53 0.00	48.53 1.25 0.00	49.85 1.31 0.43	63.13 1.37 -0.41	63.64 1.49 0.00	62.46 1.84 0.00	61.58 2.16 0.00	61.48 2.35 0.00	62.18 2.79 0.41	55.80 2.52 0.00	66.85 2.37 0.00	73.97 2.21 0.00	61.21 1.18 -0.35	55.01 0.49 0.43	56.42 0.54 2.17
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.36 1.95 0.00	47.18 2.05 0.00	42.91 2.00 0.00	40.26 1.71 0.00	37.31 1.56 0.00	43.05 1.68 0.00	54.59 1.77 0.00	54.58 1.97 0.00	52.29 2.17 0.00	50.33 2.52 0.00	49.86 2.58 0.00	51.75 2.79 0.00	64.62 3.26 0.00	65.63 3.48 0.00	64.47 3.85 0.00	63.81 4.39 0.00	64.00 4.87 0.00	65.20 5.39 0.00	57.79 4.51 0.00	68.98 4.50 0.00	75.86 4.10 0.00	62.33 2.64 0.00	56.51 1.57 0.00	59.86 1.81 0.00
N.QUEENS_27_KV_LOAD 356247	45.86 2.45 0.00	47.67 2.54 0.00	43.48 2.57 0.00	40.80 2.24 0.00	37.81 2.06 0.00	43.60 2.24 0.00	55.29 2.48 0.00	55.38 2.77 0.00	53.16 3.03 0.00	51.26 3.45 0.00	50.61 3.33 0.00	52.38 3.41 0.00	65.02 3.66 0.00	66.17 4.02 0.00	65.09 4.48 0.00	64.53 5.10 0.00	64.89 5.62 -0.13	66.77 6.05 -0.92	58.26 4.98 0.00	69.33 4.84 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.72 1.76 -0.01	60.30 2.24 -0.01
N.TROY___115KV_TB1 355778	44.77 1.36 0.00	46.68 1.55 0.00	42.45 1.54 0.00	39.95 1.40 0.00	37.04 1.29 0.00	42.84 1.48 0.00	54.37 1.55 0.00	54.10 1.49 0.00	51.64 1.52 0.00	49.40 1.59 0.00	48.49 1.21 0.00	50.24 1.27 0.00	62.76 1.41 0.00	63.65 1.50 0.00	62.40 1.78 0.00	61.44 2.02 0.00	61.23 2.09 0.00	62.40 2.60 0.00	55.76 2.48 0.00	67.03 2.55 0.00	74.48 2.72 0.00	61.47 1.78 0.00	56.09 1.14 0.00	59.15 1.10 0.00
NARROWS_GT1_1 24228	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT1_2 24229	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT1_3 24230	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT1_4 24231	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT1_5 24232	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13

NARROWS_GT1_6 24233	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT1_7 24234	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT1_8 24235	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT2_1 24236	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT2_2 24237	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT2_3 24238	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT2_4 24239	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT2_5 24240	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT2_6 24241	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT2_7 24242	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NARROWS_GT2_8 24243	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.98 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.59 5.17 0.00	64.84 5.70 0.00	65.94 6.14 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.34 -0.01	62.47 2.78 -0.01	56.66 1.71 0.00	60.10 2.18 0.13
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.80 1.39 0.00	46.79 1.65 0.00	42.63 1.71 0.00	40.19 1.64 0.00	37.26 1.51 0.00	43.06 1.69 0.00	54.66 1.84 0.00	54.37 1.77 0.00	51.76 1.64 0.00	49.33 1.51 0.00	48.38 1.11 0.00	49.88 0.92 0.00	62.35 1.00 0.00	63.22 1.07 0.00	62.25 1.63 0.00	61.30 1.87 0.00	61.14 2.01 0.00	62.30 2.50 0.00	55.85 2.57 0.00	67.31 2.83 0.00	74.68 2.92 0.00	61.69 2.00 0.00	56.17 1.22 0.00	58.97 0.92 0.00
NCHELSEA_115KV_TR2 355582	45.80 2.39 0.00	47.61 2.47 0.00	43.28 2.36 0.00	40.64 2.08 0.00	37.66 1.90 0.00	43.47 2.10 0.00	55.16 2.34 0.00	55.13 2.52 0.00	52.80 2.68 0.00	50.67 2.86 0.00	50.10 2.83 0.00	51.98 3.02 0.00	64.78 3.42 0.00	65.53 3.38 0.00	64.33 3.71 0.00	63.62 4.20 0.00	63.80 4.67 0.00	65.01 5.21 0.00	57.76 4.48 0.00	68.99 4.50 0.00	75.89 4.13 0.00	62.34 2.65 0.00	56.64 1.69 0.00	60.46 2.41 0.00
NEG CAPITAL___MECHNVIL 23645	45.65 2.24 0.00	47.55 2.42 0.00	43.19 2.27 0.00	40.67 2.12 0.00	37.72 1.97 0.00	43.64 2.28 0.00	55.46 2.64 0.00	55.18 2.58 0.00	52.64 2.51 0.00	50.39 2.58 0.00	49.42 2.14 0.00	51.27 2.31 0.00	64.14 2.79 0.00	65.04 2.89 0.00	63.78 3.16 0.00	62.87 3.45 0.00	62.73 3.60 0.00	64.10 4.30 0.00	57.35 4.07 0.00	69.04 4.56 0.00	76.79 5.03 0.00	63.38 3.70 0.00	57.76 2.81 0.00	60.81 2.76 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.83 -0.58 0.00	44.31 -0.82 0.00	40.00 -0.91 0.00	37.66 -0.90 0.00	35.00 -0.75 0.00	40.56 -0.81 0.00	51.85 -0.97 0.00	51.34 -1.27 0.00	48.87 -1.26 0.00	46.75 -1.07 0.00	46.54 -0.73 0.00	48.31 -0.65 0.00	61.26 -0.09 0.00	61.93 -0.22 0.00	60.28 -0.34 0.00	59.19 -0.23 0.00	59.26 0.13 0.00	60.33 0.53 0.00	53.84 0.56 0.00	64.97 0.49 0.00	71.97 0.21 0.00	60.08 0.39 0.00	55.07 0.13 0.00	57.97 -0.08 0.00

NEG CENTRAL___DRP 24199	43.97 0.56 0.00	45.54 0.41 0.00	41.18 0.27 0.00	38.74 0.19 0.00	36.04 0.29 0.00	41.72 0.35 0.00	53.09 0.27 0.00	52.79 0.18 0.00	50.25 0.13 0.00	47.95 0.14 0.00	47.43 0.15 0.00	48.98 0.01 0.00	61.75 0.40 0.00	62.53 0.38 0.00	61.05 0.43 0.00	59.88 0.45 0.00	59.79 0.66 0.00	61.04 1.24 0.00	54.62 1.34 0.00	66.09 1.61 0.00	73.14 1.38 0.00	60.89 1.20 0.00	55.72 0.78 0.00	58.72 0.67 0.00
NEG CENTRAL___INDECK 23768	45.43 2.02 0.00	46.85 1.72 0.00	42.14 1.23 0.00	39.63 1.08 0.00	36.99 1.23 0.00	42.90 1.53 0.00	54.97 2.15 0.00	54.27 1.67 0.00	51.14 1.02 0.00	48.72 0.90 0.00	48.44 1.16 0.00	50.15 1.18 0.00	63.92 2.56 0.00	64.57 2.42 0.00	62.89 2.26 0.00	61.58 2.16 0.00	61.83 2.70 0.00	63.51 3.71 0.00	57.17 3.89 0.00	68.98 4.49 0.00	76.91 5.16 0.00	64.42 4.74 0.00	58.78 3.83 0.00	61.76 3.71 0.00
NEG CENTRAL___SENECA 23627	44.23 0.82 0.00	45.74 0.61 0.00	41.32 0.41 0.00	38.86 0.30 0.00	36.21 0.45 0.00	41.92 0.56 0.00	53.28 0.47 0.00	52.93 0.32 0.00	50.47 0.35 0.00	48.21 0.39 0.00	47.72 0.44 0.00	49.29 0.32 0.00	62.25 0.89 0.00	62.99 0.84 0.00	61.52 0.90 0.00	60.35 0.93 0.00	60.40 1.27 0.00	61.81 2.01 0.00	55.28 2.00 0.00	66.89 2.41 0.00	73.86 2.10 0.00	61.52 1.84 0.00	56.22 1.28 0.00	59.24 1.19 0.00
NEG CENTRAL___STATE_STREET 24147	44.00 0.59 0.00	45.63 0.50 0.00	41.32 0.40 0.00	38.92 0.36 0.00	36.06 0.31 0.00	41.78 0.41 0.00	53.25 0.44 0.00	53.03 0.42 0.00	50.23 0.11 0.00	47.89 0.08 0.00	47.32 0.04 0.00	48.84 -0.13 0.00	61.45 0.09 0.00	62.29 0.14 0.00	60.82 0.20 0.00	59.69 0.27 0.00	59.52 0.38 0.00	60.60 0.79 0.00	54.34 1.06 0.00	65.82 1.33 0.00	73.18 1.42 0.00	60.76 1.07 0.00	55.64 0.69 0.00	58.80 0.75 0.00
NEG MILLWOOD___DRP 24198	45.89 2.48 0.00	47.70 2.56 0.00	43.37 2.46 0.00	40.72 2.16 0.00	37.73 1.98 0.00	43.56 2.19 0.00	55.27 2.45 0.00	55.26 2.66 0.00	52.99 2.86 0.00	50.93 3.12 0.00	50.42 3.14 0.00	52.31 3.35 0.00	65.25 3.89 0.00	66.25 4.10 0.00	65.18 4.56 0.00	64.54 5.11 0.00	64.72 5.59 0.00	65.94 6.14 0.00	58.53 5.25 0.00	69.83 5.35 0.00	76.77 5.01 0.00	63.07 3.39 0.00	57.19 2.25 0.00	60.66 2.61 0.00
NEG NORTH_FLCN_SEA 23793	42.75 -0.66 0.00	44.90 -0.23 0.00	40.50 -0.41 0.00	38.15 -0.40 0.00	35.37 -0.39 0.00	41.20 -0.17 0.00	52.84 0.02 0.00	52.03 -0.58 0.00	49.04 -1.09 0.00	46.51 -1.30 0.00	46.31 -0.97 0.00	47.93 -1.04 0.00	60.11 -1.25 0.00	60.30 -1.85 0.00	58.54 -2.08 0.00	57.09 -2.33 0.00	56.60 -2.53 0.00	56.80 -3.01 0.00	50.51 -2.77 0.00	61.75 -2.73 0.00	69.20 -2.56 0.00	58.12 -1.57 0.00	54.40 -0.55 0.00	57.96 -0.09 0.00
NEG NORTH_KES_CHATEGAY 23792	43.18 -0.23 0.00	45.07 -0.06 0.00	40.66 -0.25 0.00	38.31 -0.25 0.00	35.52 -0.24 0.00	41.26 -0.10 0.00	53.09 0.27 0.00	52.50 -0.10 0.00	49.73 -0.39 0.00	47.17 -0.64 0.00	46.85 -0.43 0.00	48.55 -0.42 0.00	61.01 -0.35 0.00	61.51 -0.64 0.00	59.70 -0.92 0.00	58.19 -1.24 0.00	57.67 -1.47 0.00	57.82 -1.98 0.00	51.43 -1.85 0.00	62.91 -1.57 0.00	70.64 -1.12 0.00	59.28 -0.41 0.00	55.24 0.29 0.00	58.45 0.39 0.00
NEG NORTH___ALICE_FALLS 23915	43.27 -0.14 0.00	45.31 0.18 0.00	40.86 -0.05 0.00	38.48 -0.07 0.00	35.66 -0.09 0.00	41.52 0.15 0.00	53.31 0.50 0.00	52.49 -0.11 0.00	49.52 -0.60 0.00	46.98 -0.83 0.00	46.87 -0.41 0.00	48.50 -0.47 0.00	60.86 -0.50 0.00	61.11 -1.04 0.00	59.34 -1.28 0.00	57.93 -1.49 0.00	57.49 -1.64 0.00	57.71 -2.09 0.00	51.36 -1.93 0.00	62.87 -2.73 0.00	70.50 -2.61 0.00	59.22 -0.46 0.00	55.22 0.28 0.00	58.59 0.54 0.00
NEG NORTH___LWR_SARANAC 23913	43.27 -0.14 0.00	45.31 0.18 0.00	40.86 -0.05 0.00	38.48 -0.07 0.00	35.66 -0.09 0.00	41.52 0.15 0.00	53.31 0.50 0.00	52.49 -0.11 0.00	49.52 -0.60 0.00	46.98 -0.83 0.00	46.87 -0.41 0.00	48.50 -0.47 0.00	60.86 -0.50 0.00	61.11 -1.04 0.00	59.34 -1.28 0.00	57.93 -1.49 0.00	57.49 -1.64 0.00	57.71 -2.09 0.00	51.36 -1.93 0.00	62.87 -2.73 0.00	70.50 -2.61 0.00	59.22 -0.46 0.00	55.22 0.28 0.00	58.59 0.54 0.00
NEG NORTH___PLATTSBURG 23628	43.27 -0.14 0.00	45.31 0.18 0.00	40.86 -0.05 0.00	38.48 -0.07 0.00	35.66 -0.09 0.00	41.52 0.16 0.00	53.31 0.49 0.00	52.49 -0.11 0.00	49.53 -0.60 0.00	46.99 -0.83 0.00	46.87 -0.41 0.00	48.50 -0.47 0.00	60.86 -0.49 0.00	61.11 -1.04 0.00	59.33 -1.29 0.00	57.93 -1.49 0.00	57.49 -1.64 0.00	57.71 -2.09 0.00	51.35 -1.93 0.00	62.87 -2.73 0.00	70.49 -2.61 0.00	59.22 -0.46 0.00	55.22 0.28 0.00	58.59 0.54 0.00
NEG WEST_LEA_LOCKPORT 23791	42.48 -0.93 0.00	43.96 -1.17 0.00	39.43 -1.48 0.00	37.14 -1.42 0.00	34.62 -1.14 0.00	40.16 -1.20 0.00	51.38 -1.44 0.00	50.14 -2.47 0.00	47.35 -2.78 0.00	45.45 -2.36 0.00	45.61 -1.67 0.00	47.46 -1.51 0.00	60.74 -0.61 0.00	60.95 -1.20 0.00	59.32 -1.30 0.00	58.26 -1.16 0.00	58.56 -0.57 0.00	59.61 -0.19 0.00	53.31 0.03 0.00	64.33 -0.15 0.00	71.10 -0.66 0.00	59.84 0.15 0.00	55.11 0.16 0.00	58.46 0.41 0.00
NEG WEST___LANCASTR 23811	42.72 -0.69 0.00	44.16 -0.98 0.00	39.70 -1.21 0.00	37.36 -1.19 0.00	34.84 -0.91 0.00	40.36 -1.01 0.00	51.56 -1.26 0.00	50.73 -1.88 0.00	48.11 -2.01 0.00	46.22 -1.59 0.00	46.28 -0.99 0.00	48.09 -0.87 0.00	61.27 -0.09 0.00	61.53 -0.62 0.00	59.99 -0.63 0.00	58.97 -0.45 0.00	59.26 0.13 0.00	60.51 0.71 0.00	53.91 0.62 0.00	65.14 0.66 0.00	71.73 -0.03 0.00	60.07 0.38 0.00	55.14 0.19 0.00	58.38 0.32 0.00
NEG_PENN_ALLEGHNY 23528	44.03 0.62 0.00	45.66 0.53 0.00	41.38 0.46 0.00	38.95 0.40 0.00	36.25 0.50 0.00	41.88 0.51 0.00	53.26 0.44 0.00	52.98 0.37 0.00	50.46 0.33 0.00	48.42 0.61 0.00	47.90 0.62 0.00	49.55 0.59 0.00	62.28 0.93 0.00	63.04 0.89 0.00	61.67 1.05 0.00	60.65 1.22 0.00	60.69 1.56 0.00	61.93 2.13 0.00	55.11 1.83 0.00	66.61 2.13 0.00	73.41 1.65 0.00	61.00 1.31 0.00	55.73 0.79 0.00	58.86 0.80 0.00
NEG___GEN_MONROE 24207	43.85 0.44 0.00	45.36 0.24 0.00	40.85 -0.06 0.00	38.44 -0.12 0.00	35.75 0.00 0.00	41.45 0.09 0.00	53.06 0.24 0.00	52.33 -0.28 0.00	49.67 -0.45 0.00	47.55 -0.26 0.00	47.44 0.16 0.00	49.28 0.32 0.00	62.72 1.37 0.00	63.33 1.18 0.00	61.58 0.96 0.00	60.52 1.10 0.00	60.72 1.59 0.00	61.89 2.09 0.00	55.23 1.95 0.00	66.60 2.12 0.00	73.87 2.11 0.00	61.79 2.10 0.00	56.68 1.74 0.00	59.70 1.64 0.00
NEPA___ENERGY 23901	43.45 0.04 0.00	44.82 -0.31 0.00	40.32 -0.59 0.00	37.84 -0.72 0.00	35.38 -0.37 0.00	40.99 -0.38 0.00	52.32 -0.50 0.00	51.67 -0.94 0.00	48.90 -1.23 0.00	46.96 -0.86 0.00	47.17 -0.11 0.00	49.00 0.04 0.00	62.21 0.85 0.00	62.52 0.37 0.00	61.15 0.53 0.00	60.13 0.71 0.00	60.53 1.40 0.00	62.04 2.24 0.00	55.06 1.78 0.00	66.68 2.19 0.00	72.86 1.10 0.00	60.92 1.23 0.00	55.68 0.73 0.00	59.08 1.03 0.00

NEVERSINK___HYD 23608	44.57 1.16 0.00	46.25 1.12 0.00	42.02 1.11 0.00	39.46 0.90 0.00	36.57 0.82 0.00	42.21 0.85 0.00	53.58 0.76 0.00	53.54 0.93 0.00	51.25 1.13 0.00	49.22 1.40 0.00	48.68 1.40 0.00	50.43 1.47 0.00	63.16 1.81 0.00	64.25 2.10 0.00	63.06 2.44 0.00	62.32 2.90 0.00	62.55 3.41 0.00	63.72 3.92 0.00	56.76 3.48 0.00	67.90 3.42 0.00	74.78 3.03 0.00	61.49 1.80 0.00	55.83 0.89 0.00	59.07 1.02 0.00
NEWKRMKL_115KV_TB1 55635	43.96 0.55 0.00	45.82 0.69 0.00	41.76 0.85 0.00	39.35 0.80 0.00	36.50 0.75 0.00	42.14 0.77 0.00	53.44 0.62 0.00	53.21 0.60 0.00	50.86 0.73 0.00	48.71 0.90 0.00	47.94 0.66 0.00	49.59 0.62 0.00	61.91 0.55 0.00	62.75 0.60 0.00	61.55 0.93 0.00	60.62 1.20 0.00	60.40 1.27 0.00	61.43 1.63 0.00	54.78 1.50 0.00	65.77 1.29 0.00	72.88 1.12 0.00	60.18 0.49 0.00	54.87 -0.08 0.00	57.87 -0.19 0.00
NEWTON___FALLS_HYD 23847	44.44 1.03 0.00	46.15 1.02 0.00	41.65 0.74 0.00	39.19 0.63 0.00	36.42 0.67 0.00	42.28 0.91 0.00	54.34 1.52 0.00	54.08 1.48 0.00	51.11 0.98 0.00	48.02 0.21 0.00	47.25 -0.03 0.00	48.99 0.02 0.00	61.19 -0.17 0.00	61.83 -0.32 0.00	60.03 -0.60 0.00	58.57 -0.85 0.00	58.15 -0.99 0.00	58.60 -1.20 0.00	52.57 -0.72 0.00	64.67 0.19 0.00	73.24 1.48 0.00	61.56 1.87 0.00	57.20 2.25 0.00	60.32 2.27 0.00
NGRID_A1_DSASP 323792	41.98 -1.42 0.00	43.45 -1.68 0.00	39.04 -1.87 0.00	36.78 -1.77 0.00	34.27 -1.48 0.00	39.70 -1.67 0.00	50.82 -2.00 0.00	49.64 -2.97 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.04 -1.93 0.00	60.18 -1.17 0.00	60.34 -1.81 0.00	58.76 -1.86 0.00	57.65 -1.77 0.00	57.98 -1.15 0.00	59.02 -0.79 0.00	52.42 -0.86 0.00	63.25 -1.23 0.00	69.88 -1.88 0.00	58.81 -0.87 0.00	54.23 -0.72 0.00	57.39 -0.66 0.00
NGRID_A2_DSASP 323793	41.98 -1.42 0.00	43.45 -1.68 0.00	39.04 -1.87 0.00	36.78 -1.77 0.00	34.27 -1.48 0.00	39.70 -1.67 0.00	50.82 -2.00 0.00	49.64 -2.97 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.04 -1.93 0.00	60.18 -1.17 0.00	60.34 -1.81 0.00	58.76 -1.86 0.00	57.65 -1.77 0.00	57.98 -1.15 0.00	59.02 -0.79 0.00	52.42 -0.86 0.00	63.25 -1.23 0.00	69.88 -1.88 0.00	58.81 -0.87 0.00	54.23 -0.72 0.00	57.39 -0.66 0.00
NGRID_A4_DSASP 323807	41.98 -1.42 0.00	43.45 -1.68 0.00	39.04 -1.87 0.00	36.78 -1.77 0.00	34.27 -1.48 0.00	39.70 -1.67 0.00	50.82 -2.00 0.00	49.64 -2.97 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.04 -1.93 0.00	60.18 -1.17 0.00	60.34 -1.81 0.00	58.76 -1.86 0.00	57.65 -1.77 0.00	57.98 -1.15 0.00	59.02 -0.79 0.00	52.42 -0.86 0.00	63.25 -1.23 0.00	69.88 -1.88 0.00	58.81 -0.87 0.00	54.23 -0.72 0.00	57.39 -0.66 0.00
NIAGARA_115E_LBMP 323715	42.21 -1.20 0.00	43.69 -1.45 0.00	39.14 -1.78 0.00	36.87 -1.68 0.00	34.38 -1.37 0.00	39.91 -1.45 0.00	51.00 -1.82 0.00	49.61 -2.99 0.00	46.77 -3.36 0.00	44.90 -2.91 0.00	45.07 -2.21 0.00	46.90 -2.06 0.00	60.03 -1.33 0.00	60.14 -2.01 0.00	58.53 -2.09 0.00	57.50 -1.93 0.00	57.85 -1.28 0.00	58.84 -0.96 0.00	52.67 -0.61 0.00	63.52 -0.96 0.00	70.16 -1.60 0.00	59.14 -0.55 0.00	54.54 -0.41 0.00	58.09 0.04 0.00
NIAGARA_115W_LBMP 323714	41.90 -1.51 0.00	43.36 -1.77 0.00	38.96 -1.95 0.00	36.71 -1.85 0.00	34.21 -1.55 0.00	39.62 -1.75 0.00	50.72 -2.10 0.00	49.53 -3.07 0.00	46.80 -3.32 0.00	44.94 -2.87 0.00	45.10 -2.18 0.00	46.94 -2.03 0.00	60.05 -1.31 0.00	60.19 -1.96 0.00	58.61 -2.01 0.00	57.53 -1.90 0.00	57.85 -1.28 0.00	58.88 -0.92 0.00	52.28 -1.00 0.00	63.06 -1.42 0.00	69.68 -2.08 0.00	58.63 -1.05 0.00	54.08 -0.87 0.00	57.23 -0.82 0.00
NIAGARA_230_LBMP 323716	42.21 -1.20 0.00	43.70 -1.44 0.00	39.27 -1.64 0.00	36.99 -1.56 0.00	34.46 -1.29 0.00	39.93 -1.43 0.00	51.11 -1.70 0.00	49.96 -2.65 0.00	47.32 -2.81 0.00	45.41 -2.40 0.00	45.55 -1.73 0.00	47.35 -1.61 0.00	60.54 -0.81 0.00	60.68 -1.47 0.00	59.03 -1.59 0.00	57.99 -1.44 0.00	58.28 -0.85 0.00	59.34 -0.46 0.00	52.91 -0.37 0.00	63.89 -0.60 0.00	70.58 -1.18 0.00	59.34 -0.35 0.00	54.68 -0.26 0.00	57.90 -0.15 0.00
NIAGARA___115KV_198_GIBSON 55903	41.90 -1.51 0.00	43.36 -1.77 0.00	38.96 -1.95 0.00	36.71 -1.85 0.00	34.21 -1.55 0.00	39.61 -1.76 0.00	50.72 -2.10 0.00	49.54 -3.07 0.00	46.81 -3.32 0.00	44.94 -2.87 0.00	45.10 -2.18 0.00	46.93 -2.04 0.00	60.05 -1.31 0.00	60.19 -1.96 0.00	58.60 -2.02 0.00	57.54 -1.89 0.00	57.85 -1.29 0.00	58.87 -0.92 0.00	52.28 -1.00 0.00	63.06 -1.42 0.00	69.68 -2.08 0.00	58.63 -1.05 0.00	54.08 -0.87 0.00	57.21 -0.84 0.00
NIAGARA____ 23760	42.21 -1.20 0.00	43.70 -1.44 0.00	39.27 -1.64 0.00	36.99 -1.56 0.00	34.46 -1.29 0.00	39.93 -1.43 0.00	51.11 -1.70 0.00	49.96 -2.65 0.00	47.32 -2.81 0.00	45.41 -2.40 0.00	45.55 -1.73 0.00	47.35 -1.61 0.00	60.54 -0.81 0.00	60.68 -1.47 0.00	59.03 -1.59 0.00	57.99 -1.44 0.00	58.28 -0.85 0.00	59.34 -0.46 0.00	52.91 -0.37 0.00	63.89 -0.60 0.00	70.58 -1.18 0.00	59.34 -0.35 0.00	54.68 -0.26 0.00	57.90 -0.15 0.00
NINE_MILE_1 23575	42.32 -1.09 0.00	43.93 -1.20 0.00	39.81 -1.10 0.00	37.51 -1.05 0.00	34.81 -0.94 0.00	40.24 -1.13 0.00	51.24 -1.58 0.00	51.01 -1.60 0.00	48.55 -1.58 0.00	46.32 -1.49 0.00	45.76 -1.52 0.00	47.33 -1.63 0.00	59.33 -2.03 0.00	60.11 -2.04 0.00	58.55 -2.07 0.00	57.44 -1.98 0.00	57.28 -1.86 0.00	58.10 -1.70 0.00	51.90 -1.38 0.00	62.70 -1.78 0.00	69.67 -2.09 0.00	58.08 -1.60 0.00	53.41 -1.54 0.00	56.40 -1.65 0.00
NINE_MILE_2 23744	42.32 -1.09 0.00	43.93 -1.20 0.00	39.81 -1.10 0.00	37.51 -1.05 0.00	34.81 -0.94 0.00	40.24 -1.13 0.00	51.24 -1.58 0.00	51.01 -1.60 0.00	48.55 -1.58 0.00	46.32 -1.49 0.00	45.76 -1.52 0.00	47.33 -1.63 0.00	59.33 -2.03 0.00	60.11 -2.04 0.00	58.55 -2.07 0.00	57.44 -1.99 0.00	57.28 -1.86 0.00	58.09 -1.71 0.00	51.89 -1.39 0.00	62.70 -1.78 0.00	69.67 -2.09 0.00	58.08 -1.60 0.00	53.41 -1.54 0.00	56.40 -1.65 0.00
NM_CAPITAL___DRP 24208	44.03 0.63 0.00	45.92 0.78 0.00	41.83 0.92 0.00	39.41 0.85 0.00	36.55 0.79 0.00	42.22 0.85 0.00	53.53 0.71 0.00	53.29 0.68 0.00	50.93 0.80 0.00	48.78 0.96 0.00	48.00 0.72 0.00	49.67 0.70 0.00	61.97 0.61 0.00	62.82 0.67 0.00	61.61 0.99 0.00	60.65 1.23 0.00	60.39 1.26 0.00	61.43 1.63 0.00	54.79 1.51 0.00	65.78 1.29 0.00	72.91 1.14 0.00	60.18 0.49 0.00	54.88 -0.07 0.00	57.91 -0.14 0.00
NM_CENTRAL___DRP 24181	43.31 -0.10 0.00	44.90 -0.23 0.00	40.68 -0.24 0.00	38.30 -0.25 0.00	35.58 -0.17 0.00	41.15 -0.22 0.00	52.39 -0.43 0.00	52.19 -0.41 0.00	49.68 -0.44 0.00	47.44 -0.38 0.00	46.89 -0.39 0.00	48.43 -0.54 0.00	60.76 -0.59 0.00	61.56 -0.59 0.00	60.03 -0.59 0.00	58.94 -0.49 0.00	58.83 -0.30 0.00	59.80 0.00 0.00	53.42 0.14 0.00	64.51 0.03 0.00	71.57 -0.19 0.00	59.60 -0.09 0.00	54.68 -0.27 0.00	57.65 -0.40 0.00

NM_FRONTIER___DRP 24179	41.90 -1.51 0.00	43.36 -1.77 0.00	38.96 -1.95 0.00	36.71 -1.85 0.00	34.21 -1.55 0.00	39.61 -1.76 0.00	50.72 -2.10 0.00	49.54 -3.07 0.00	46.81 -3.32 0.00	44.94 -2.87 0.00	45.10 -2.18 0.00	46.93 -2.04 0.00	60.05 -1.31 0.00	60.19 -1.96 0.00	58.60 -2.02 0.00	57.54 -1.89 0.00	57.85 -1.29 0.00	58.87 -0.92 0.00	52.28 -1.00 0.00	63.06 -1.42 0.00	69.68 -2.08 0.00	58.63 -1.05 0.00	54.08 -0.87 0.00	57.21 -0.84 0.00
NM_ST_REGIS___HYD 24053	43.79 0.38 0.00	45.60 0.47 0.00	41.10 0.18 0.00	38.71 0.15 0.00	35.96 0.20 0.00	41.76 0.39 0.00	53.89 1.07 0.00	53.51 0.91 0.00	50.68 0.55 0.00	47.75 -0.06 0.00	47.19 -0.09 0.00	49.10 0.13 0.00	61.57 0.21 0.00	62.13 -0.02 0.00	60.18 -0.45 0.00	58.33 -1.09 0.00	57.70 -1.43 0.00	57.71 -2.09 0.00	51.55 -1.73 0.00	63.39 -1.09 0.00	71.34 -0.42 0.00	60.17 0.48 0.00	56.37 1.43 0.00	59.66 1.61 0.00
NORTHPORT___1 23551	44.98 1.57 0.00	47.18 2.05 0.00	43.04 2.13 0.00	40.33 1.78 0.00	37.25 1.50 0.00	42.85 1.49 0.00	53.89 1.07 0.00	53.50 0.90 0.00	34.48 1.07 16.71	26.90 1.73 22.65	49.30 2.03 0.01	39.24 2.32 12.05	42.53 2.50 21.33	14.18 2.71 50.68	47.20 3.38 16.80	44.83 4.19 18.78	140.31 4.94 -76.23	275.15 5.68 -209.67	207.80 4.69 -149.83	111.94 4.36 -43.11	71.59 3.50 3.67	56.22 1.92 5.39	50.38 0.67 5.24	36.51 0.82 22.36
NORTHPORT___2 23552	44.98 1.57 0.00	47.18 2.05 0.00	43.04 2.13 0.00	40.33 1.78 0.00	37.25 1.50 0.00	42.85 1.49 0.00	53.89 1.07 0.00	53.50 0.90 0.00	34.48 1.07 16.71	26.90 1.73 22.65	49.30 2.03 0.01	39.24 2.32 12.05	42.53 2.50 21.33	14.18 2.71 50.68	47.20 3.38 16.80	44.83 4.19 18.78	140.31 4.94 -76.23	275.15 5.68 -209.67	207.80 4.69 -149.83	111.94 4.36 -43.11	71.59 3.50 3.67	56.22 1.92 5.39	50.38 0.67 5.24	36.51 0.82 22.36
NORTHPORT___3 23553	44.78 1.37 0.00	47.04 1.91 0.00	42.93 2.02 0.00	40.23 1.67 0.00	37.17 1.42 0.00	42.77 1.41 0.00	53.76 0.94 0.00	53.33 0.72 0.00	34.19 0.77 16.71	26.58 1.41 22.64	48.97 1.69 0.00	38.89 1.98 12.06	42.03 2.06 21.39	13.70 2.26 50.71	46.86 3.06 16.82	44.58 3.97 18.81	139.97 4.64 -76.19	273.77 5.32 -208.65	195.39 4.64 -137.48	93.21 4.33 -24.39	63.70 3.33 11.39	55.81 1.61 5.49	49.97 0.37 5.35	36.05 0.42 22.43
NORTHPORT___4 23650	44.78 1.37 0.00	47.04 1.91 0.00	42.93 2.02 0.00	40.23 1.67 0.00	37.17 1.42 0.00	42.77 1.41 0.00	53.76 0.94 0.00	53.33 0.72 0.00	34.19 0.77 16.71	26.58 1.41 22.64	48.97 1.69 0.00	38.89 1.98 12.06	42.03 2.06 21.39	13.70 2.26 50.71	46.86 3.06 16.82	44.58 3.97 18.81	139.97 4.64 -76.19	273.77 5.32 -208.65	195.39 4.64 -137.48	93.21 4.33 -24.39	63.70 3.33 11.39	55.81 1.61 5.49	49.97 0.37 5.35	36.05 0.42 22.43
NORTHPORT___IC 23718	44.97 1.56 0.00	47.18 2.04 0.00	43.04 2.13 0.00	40.33 1.78 0.00	37.25 1.50 0.00	42.86 1.49 0.00	53.89 1.07 0.00	53.50 0.90 0.00	34.48 1.07 16.71	26.91 1.74 22.65	49.30 2.03 0.01	39.24 2.32 12.05	42.54 2.51 21.33	14.18 2.71 50.68	47.20 3.38 16.80	44.83 4.19 18.78	140.31 4.95 -76.23	275.14 5.68 -209.67	207.80 4.69 -149.83	111.94 4.36 -43.11	71.59 3.50 3.67	56.25 1.95 5.39	50.38 0.67 5.24	36.53 0.83 22.36
NORTH___COUNTRY_ESR 323785	43.09 -0.31 0.00	44.98 -0.15 0.00	40.58 -0.33 0.00	38.24 -0.32 0.00	35.43 -0.33 0.00	41.18 -0.18 0.00	53.00 0.18 0.00	52.48 -0.12 0.00	49.73 -0.39 0.00	47.17 -0.65 0.00	46.85 -0.43 0.00	48.55 -0.42 0.00	61.01 -0.35 0.00	61.51 -0.64 0.00	59.69 -0.93 0.00	58.18 -1.24 0.00	57.66 -1.47 0.00	57.82 -1.99 0.00	51.43 -1.85 0.00	62.85 -1.63 0.00	70.45 -1.31 0.00	59.08 -0.60 0.00	55.08 0.13 0.00	58.29 0.24 0.00
NPX_GEN_1385_PROXY 323591	44.46 1.36 0.31	46.79 1.65 0.00	42.44 1.53 0.00	39.88 1.33 0.00	36.81 1.05 0.00	41.58 0.85 0.64	59.85 0.55 -6.48	53.13 0.53 0.00	34.39 0.98 16.71	27.02 1.86 22.65	49.55 2.28 0.01	38.86 2.54 12.64	43.18 2.72 20.90	14.34 2.87 50.68	47.87 4.04 16.80	45.41 4.77 18.78	140.78 5.42 -76.23	275.52 6.05 -209.67	207.91 4.80 -149.83	111.34 3.75 -43.11	70.88 2.80 3.67	55.96 1.66 5.39	50.49 0.79 5.24	36.62 0.92 22.36
NPX_GEN_CSC 323557	45.50 2.40 0.31	47.98 2.85 0.00	43.71 2.79 0.00	40.89 2.34 0.00	37.70 1.95 0.00	42.70 1.97 0.64	61.07 1.78 -6.48	54.27 1.67 0.00	50.84 1.90 1.19	48.80 2.63 1.64	50.31 3.03 0.00	303.83 3.43 -251.43	189.31 3.66 -124.30	146.77 3.86 -80.76	246.81 4.62 -181.57	290.24 5.51 -225.30	266.78 6.17 -201.48	283.76 6.88 -217.08	300.41 5.99 -241.14	271.45 6.06 -200.90	210.25 5.27 -133.22	59.36 3.26 3.59	51.99 1.72 4.67	38.52 1.77 21.31
NSINS_S_GLNS_FALLS 23858	46.09 2.69 0.00	47.99 2.86 0.00	43.56 2.65 0.00	41.08 2.52 0.00	38.12 2.37 0.00	44.14 2.77 0.00	56.11 3.30 0.00	55.94 3.33 0.00	53.43 3.31 0.00	51.09 3.28 0.00	49.83 2.55 0.00	51.65 2.68 0.00	64.59 3.23 0.00	65.44 3.29 0.00	64.24 3.62 0.00	63.33 3.91 0.00	63.21 4.08 0.00	64.81 5.01 0.00	58.24 4.96 0.00	70.12 5.63 0.00	78.69 6.93 0.00	65.00 5.31 0.00	59.20 4.26 0.00	62.21 4.16 0.00
NUCOR_STEEL___DRP 24197	43.93 0.52 0.00	45.57 0.44 0.00	41.27 0.36 0.00	38.88 0.32 0.00	36.01 0.25 0.00	41.72 0.35 0.00	53.20 0.38 0.00	52.98 0.37 0.00	50.15 0.03 0.00	47.80 -0.01 0.00	47.23 -0.05 0.00	48.75 -0.21 0.00	61.33 -0.03 0.00	62.17 0.02 0.00	60.66 0.04 0.00	59.57 0.14 0.00	59.39 0.26 0.00	60.45 0.65 0.00	54.18 0.89 0.00	65.56 1.08 0.00	72.97 1.21 0.00	60.59 0.90 0.00	55.52 0.57 0.00	58.72 0.67 0.00
NUMBER_THREE_WT_PWR 323818	45.31 1.90 0.00	46.99 1.85 0.00	42.47 1.56 0.00	39.94 1.38 0.00	37.11 1.36 0.00	43.05 1.69 0.00	55.13 2.31 0.00	54.89 2.29 0.00	51.84 1.71 0.00	48.81 0.99 0.00	48.04 0.76 0.00	49.60 0.63 0.00	61.84 0.48 0.00	62.57 0.42 0.00	61.04 0.41 0.00	59.91 0.49 0.00	59.71 0.58 0.00	60.51 0.71 0.00	54.38 1.10 0.00	66.74 2.26 0.00	75.57 3.81 0.00	63.23 3.54 0.00	58.25 3.30 0.00	61.21 3.16 0.00
NYISO_LBMP_REFERENCE 24008	43.41 0.00 0.00	45.13 0.00 0.00	40.91 0.00 0.00	38.56 0.00 0.00	35.75 0.00 0.00	41.37 0.00 0.00	52.82 0.00 0.00	52.60 0.00 0.00	50.12 0.00 0.00	47.81 0.00 0.00	47.28 0.00 0.00	48.97 0.00 0.00	61.36 0.00 0.00	62.15 0.00 0.00	60.62 0.00 0.00	59.42 0.00 0.00	59.13 0.00 0.00	59.80 0.00 0.00	53.28 0.00 0.00	64.48 0.00 0.00	71.76 0.00 0.00	59.69 0.00 0.00	54.95 0.00 0.00	58.05 0.00 0.00
NYPA_BRENTWD____GT 24164	45.99 2.58 0.00	48.13 3.00 0.00	43.85 2.94 0.00	41.07 2.51 0.00	37.93 2.18 0.00	43.63 2.27 0.00	54.97 2.15 0.00	54.67 2.06 0.00	50.83 2.22 1.52	48.58 2.86 2.10	50.36 3.08 0.00	109.54 3.41 -25.16	90.81 3.96 -25.50	88.45 4.08 -22.22	103.77 4.60 -38.55	113.09 5.37 -48.30	175.24 6.29 -109.82	277.77 6.86 -211.11	225.61 5.73 -166.59	144.39 5.67 -74.24	105.84 4.89 -29.19	59.27 3.32 3.73	52.98 2.00 3.96	40.34 2.29 20.01

NYPA_GOWANUS____GT5 24156	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.97 3.61 0.00	66.08 3.93 0.00	65.07 4.45 0.00	64.57 5.15 0.00	64.81 5.67 0.00	65.92 6.12 0.00	58.28 4.99 0.00	69.32 4.83 -0.01	76.08 4.32 -0.01	62.46 2.77 -0.01	56.65 1.70 0.00	60.10 2.18 0.13
NYPA_GOWANUS____GT6 24157	45.84 2.43 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.20 0.00	55.13 2.32 0.00	55.21 2.60 0.00	53.06 2.93 0.00	51.15 3.34 0.00	50.59 3.32 0.00	52.30 3.34 0.00	64.97 3.61 0.00	66.08 3.93 0.00	65.07 4.45 0.00	64.57 5.15 0.00	64.81 5.67 0.00	65.92 6.12 0.00	58.28 4.99 0.00	69.32 4.83 -0.01	76.08 4.32 -0.01	62.46 2.77 -0.01	56.65 1.70 0.00	60.10 2.18 0.13
NYPA_HARLEM__RVR__GT1 24160	45.72 2.31 0.00	47.57 2.44 0.00	43.39 2.47 0.00	40.72 2.16 0.00	37.74 1.99 0.00	43.52 2.15 0.00	55.18 2.36 0.00	55.25 2.65 0.00	53.04 2.91 0.00	51.14 3.32 0.00	50.48 3.20 0.00	52.24 3.27 0.00	64.84 3.47 -0.01	65.96 3.81 0.00	64.88 4.26 0.00	64.31 4.89 0.00	64.54 5.41 -0.01	65.64 5.83 -0.01	58.08 4.79 -0.01	69.09 4.61 -0.01	75.85 4.08 -0.01	62.27 2.58 -0.01	56.52 1.56 -0.01	60.11 2.06 -0.01
NYPA_HARLEM__RVR__GT2 24161	45.72 2.31 0.00	47.57 2.44 0.00	43.39 2.47 0.00	40.72 2.16 0.00	37.74 1.99 0.00	43.52 2.15 0.00	55.18 2.36 0.00	55.25 2.65 0.00	53.04 2.91 0.00	51.14 3.32 0.00	50.48 3.20 0.00	52.24 3.27 0.00	64.84 3.47 -0.01	65.96 3.81 0.00	64.88 4.26 0.00	64.31 4.89 0.00	64.54 5.41 -0.01	65.64 5.83 -0.01	58.08 4.79 -0.01	69.09 4.61 -0.01	75.85 4.08 -0.01	62.27 2.58 -0.01	56.52 1.56 -0.01	60.11 2.06 -0.01
NYPA_KENT____GT 24152	45.73 2.32 0.00	47.59 2.45 0.00	43.40 2.48 0.00	40.72 2.16 0.00	37.75 1.99 0.00	43.55 2.19 0.00	55.12 2.30 0.00	55.19 2.59 0.00	53.05 2.92 0.00	51.13 3.32 0.00	50.56 3.28 0.00	52.29 3.32 0.00	64.91 3.56 0.00	65.99 3.84 0.00	64.95 4.33 0.00	64.43 5.00 0.00	64.68 5.55 0.00	65.74 5.94 0.00	58.15 4.87 0.00	69.16 4.68 0.00	74.11 4.18 1.82	59.05 2.65 3.29	54.99 1.59 1.54	57.89 2.05 2.21
NYPA_POUCH1____GT 24155	45.78 2.36 0.00	47.57 2.44 0.00	43.34 2.43 0.00	40.66 2.11 0.00	37.68 1.93 0.00	43.48 2.11 0.00	54.94 2.12 0.00	55.05 2.45 0.00	52.94 2.81 0.00	51.01 3.20 0.00	50.44 3.16 0.00	52.08 3.11 0.00	64.68 3.32 0.00	65.85 3.70 0.00	64.86 4.24 0.00	64.39 4.96 0.00	64.64 5.51 0.00	65.79 5.99 0.00	58.17 4.88 0.00	69.14 4.65 -0.01	75.88 4.11 -0.01	62.30 2.60 -0.01	56.48 1.54 0.00	59.96 2.03 0.13
NYPA_VERNON____GT2 24162	45.61 2.20 0.00	47.53 2.39 0.00	43.35 2.44 0.00	40.69 2.14 0.00	37.72 1.97 0.00	43.54 2.17 0.00	55.12 2.30 0.00	55.19 2.58 0.00	53.02 2.90 0.00	51.13 3.31 0.00	50.53 3.25 0.00	52.26 3.30 0.00	64.91 3.55 0.00	65.95 3.81 0.00	64.88 4.26 0.00	64.33 4.91 0.00	64.56 5.43 0.00	65.63 5.83 0.00	58.06 4.78 0.00	69.08 4.60 0.00	72.20 4.10 3.65	55.67 2.57 6.58	53.38 1.51 3.07	55.67 1.92 4.30
NYPA_VERNON____GT3 24163	45.61 2.20 0.00	47.53 2.39 0.00	43.35 2.44 0.00	40.69 2.14 0.00	37.72 1.97 0.00	43.54 2.17 0.00	55.12 2.30 0.00	55.19 2.58 0.00	53.02 2.90 0.00	51.13 3.31 0.00	50.53 3.25 0.00	52.26 3.30 0.00	64.91 3.55 0.00	65.95 3.81 0.00	64.88 4.26 0.00	64.33 4.91 0.00	64.56 5.43 0.00	65.63 5.83 0.00	58.06 4.78 0.00	69.08 4.60 0.00	72.20 4.10 3.65	55.67 2.57 6.58	53.38 1.51 3.07	55.67 1.92 4.30
NYPA____ASTORIA_CC1 323568	45.54 2.13 0.00	47.45 2.32 0.00	43.30 2.39 0.00	40.64 2.09 0.00	37.67 1.92 0.00	43.46 2.09 0.00	55.01 2.20 0.00	55.08 2.48 0.00	52.92 2.80 0.00	51.03 3.21 0.00	50.43 3.15 0.00	52.15 3.18 0.00	64.77 3.41 0.00	65.81 3.66 0.00	64.73 4.11 0.00	64.18 4.75 0.00	64.40 5.27 0.00	65.49 5.68 0.00	57.94 4.66 0.00	68.91 4.43 0.00	70.47 3.92 5.21	52.73 2.43 9.39	51.95 1.39 4.38	53.76 1.81 6.10
NYPA____ASTORIA_CC2 323569	45.54 2.13 0.00	47.45 2.32 0.00	43.30 2.39 0.00	40.64 2.09 0.00	37.67 1.92 0.00	43.46 2.09 0.00	55.01 2.20 0.00	55.08 2.48 0.00	52.92 2.80 0.00	51.03 3.21 0.00	50.43 3.15 0.00	52.15 3.18 0.00	64.77 3.41 0.00	65.81 3.66 0.00	64.73 4.11 0.00	64.18 4.75 0.00	64.40 5.27 0.00	65.49 5.68 0.00	57.94 4.66 0.00	68.91 4.43 0.00	70.47 3.92 5.21	52.73 2.43 9.39	51.95 1.39 4.38	53.76 1.81 6.10
NYPA____HOLTSVILL 23794	45.72 2.31 0.00	47.90 2.77 0.00	43.66 2.74 0.00	40.88 2.32 0.00	37.73 1.97 0.00	43.40 2.03 0.00	54.66 1.84 0.00	54.33 1.73 0.00	50.91 1.90 1.12	48.83 2.57 1.55	50.18 2.90 0.00	304.94 3.25 -252.73	186.80 3.64 -121.80	155.75 3.78 -89.82	247.03 4.44 -181.97	285.98 5.29 -221.27	267.27 5.93 -202.21	283.38 6.63 -216.94	300.33 5.60 -241.45	267.98 5.56 -197.94	207.99 4.83 -131.40	58.99 2.96 3.66	51.77 1.55 4.72	38.35 1.70 21.40
NYPA____HELLGATE_GT1 24158	45.72 2.31 0.00	47.57 2.44 0.00	43.39 2.47 0.00	40.72 2.16 0.00	37.74 1.99 0.00	43.52 2.15 0.00	55.18 2.36 0.00	55.25 2.65 0.00	53.04 2.91 0.00	51.14 3.32 0.00	50.48 3.20 0.00	52.24 3.27 0.00	64.84 3.47 -0.01	65.96 3.81 0.00	64.88 4.26 0.00	64.31 4.89 0.00	64.54 5.41 -0.01	65.64 5.83 -0.01	58.08 4.79 -0.01	69.09 4.61 -0.01	75.85 4.08 -0.01	62.27 2.58 -0.01	56.52 1.56 -0.01	60.11 2.06 -0.01
NYPA____HELLGATE_GT2 24159	45.72 2.31 0.00	47.57 2.44 0.00	43.39 2.47 0.00	40.72 2.16 0.00	37.74 1.99 0.00	43.52 2.15 0.00	55.18 2.36 0.00	55.25 2.65 0.00	53.04 2.91 0.00	51.14 3.32 0.00	50.48 3.20 0.00	52.24 3.27 0.00	64.84 3.47 -0.01	65.96 3.81 0.00	64.88 4.26 0.00	64.31 4.89 0.00	64.54 5.41 -0.01	65.64 5.83 -0.01	58.08 4.79 -0.01	69.09 4.61 -0.01	75.85 4.08 -0.01	62.27 2.58 -0.01	56.52 1.56 -0.01	60.11 2.06 -0.01
NYS_BARGE____HYD 23848	42.64 -0.77 0.00	44.11 -1.02 0.00	39.54 -1.37 0.00	37.26 -1.30 0.00	34.72 -1.04 0.00	40.30 -1.07 0.00	51.54 -1.28 0.00	50.27 -2.34 0.00	47.45 -2.68 0.00	45.55 -2.26 0.00	45.71 -1.57 0.00	47.58 -1.39 0.00	60.89 -0.46 0.00	61.10 -1.05 0.00	59.46 -1.16 0.00	58.40 -1.02 0.00	58.74 -0.40 0.00	59.78 -0.02 0.00	53.47 0.19 0.00	64.53 0.04 0.00	71.33 -0.43 0.00	60.05 0.36 0.00	55.27 0.33 0.00	58.68 0.63 0.00
OAK ORCHARD____HYD 24046	43.53 0.12 0.00	45.06 -0.07 0.00	40.62 -0.30 0.00	38.22 -0.33 0.00	35.55 -0.21 0.00	41.19 -0.18 0.00	52.69 -0.12 0.00	52.02 -0.58 0.00	49.47 -0.66 0.00	47.36 -0.45 0.00	47.25 -0.03 0.00	49.09 0.12 0.00	62.38 1.03 0.00	62.96 0.82 0.00	61.25 0.63 0.00	60.16 0.73 0.00	60.32 1.19 0.00	61.36 1.56 0.00	54.74 1.46 0.00	66.06 1.58 0.00	73.18 1.42 0.00	61.17 1.48 0.00	56.12 1.17 0.00	59.12 1.06 0.00

OAKDALE___35_KV_LOAD 356122	43.84 0.43 0.00	45.44 0.31 0.00	41.20 0.29 0.00	38.79 0.23 0.00	36.08 0.33 0.00	41.70 0.33 0.00	53.00 0.19 0.00	52.72 0.11 0.00	50.21 0.08 0.00	48.17 0.36 0.00	47.65 0.37 0.00	49.28 0.32 0.00	61.91 0.55 0.00	62.65 0.50 0.00	61.27 0.65 0.00	60.24 0.82 0.00	60.32 1.19 0.00	61.50 1.70 0.00	54.76 1.48 0.00	66.16 1.67 0.00	72.97 1.21 0.00	60.62 0.93 0.00	55.40 0.45 0.00	58.56 0.51 0.00
OCC_CHEM___DRP 24175	41.98 -1.43 0.00	43.45 -1.68 0.00	39.04 -1.87 0.00	36.78 -1.77 0.00	34.27 -1.48 0.00	39.69 -1.68 0.00	50.83 -1.99 0.00	49.64 -2.97 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.03 -1.93 0.00	60.18 -1.18 0.00	60.34 -1.81 0.00	58.76 -1.86 0.00	57.66 -1.76 0.00	57.98 -1.15 0.00	59.01 -0.79 0.00	52.42 -0.86 0.00	63.25 -1.23 0.00	69.89 -1.87 0.00	58.80 -0.89 0.00	54.23 -0.72 0.00	57.39 -0.66 0.00
OH_GEN_PROXY 24063	41.93 -1.17 0.31	43.72 -1.41 0.00	39.31 -1.61 0.00	37.02 -1.53 0.00	34.48 -1.27 0.00	39.32 -1.41 0.64	57.62 -1.68 -6.48	50.06 -2.55 0.00	47.44 -2.69 0.00	45.52 -2.29 0.00	45.66 -1.62 0.00	46.86 -1.52 0.59	128.13 -0.73 -67.51	60.79 -1.36 0.00	59.15 -1.47 0.00	58.10 -1.32 0.00	58.40 -0.73 0.00	59.46 -0.34 0.00	53.01 -0.27 0.00	64.01 -0.47 0.00	70.71 -1.05 0.00	59.41 -0.28 0.00	104.82 -0.25 -50.12	57.88 -0.17 0.00
OLIN_CORP_DRP 24177	42.27 -1.14 0.00	43.74 -1.39 0.00	39.20 -1.72 0.00	36.93 -1.62 0.00	34.43 -1.33 0.00	39.97 -1.40 0.00	51.08 -1.74 0.00	49.72 -2.88 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.03 -1.93 0.00	60.18 -1.18 0.00	60.31 -1.84 0.00	58.69 -1.93 0.00	57.66 -1.77 0.00	58.01 -1.12 0.00	59.00 -0.80 0.00	52.79 -0.49 0.00	63.69 -0.79 0.00	70.33 -1.43 0.00	59.26 -0.42 0.00	54.64 -0.31 0.00	58.14 0.09 0.00
OLIN_CORP_DSASP 323712	41.98 -1.42 0.00	43.45 -1.68 0.00	39.04 -1.87 0.00	36.78 -1.77 0.00	34.27 -1.48 0.00	39.70 -1.67 0.00	50.82 -2.00 0.00	49.64 -2.97 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.04 -1.93 0.00	60.18 -1.17 0.00	60.34 -1.81 0.00	58.76 -1.86 0.00	57.65 -1.77 0.00	57.98 -1.15 0.00	59.02 -0.79 0.00	52.42 -0.86 0.00	63.25 -1.23 0.00	69.88 -1.88 0.00	58.81 -0.87 0.00	54.23 -0.72 0.00	57.39 -0.66 0.00
ONEIDA_HERK_LFGE 323681	44.94 1.53 0.00	46.63 1.50 0.00	42.22 1.31 0.00	39.74 1.19 0.00	36.90 1.14 0.00	42.75 1.38 0.00	54.61 1.79 0.00	54.43 1.82 0.00	51.66 1.53 0.00	49.03 1.21 0.00	48.35 1.07 0.00	50.02 1.05 0.00	62.51 1.15 0.00	63.39 1.24 0.00	61.92 1.30 0.00	60.81 1.39 0.00	60.63 1.50 0.00	61.45 1.65 0.00	55.12 1.84 0.00	67.10 2.61 0.00	75.12 3.36 0.00	62.55 2.86 0.00	57.42 2.47 0.00	60.41 2.36 0.00
ONEIDA___115KV_TB4 55905	44.92 1.51 0.00	46.57 1.44 0.00	42.17 1.26 0.00	39.71 1.16 0.00	36.89 1.13 0.00	42.71 1.34 0.00	54.50 1.68 0.00	54.29 1.69 0.00	51.64 1.52 0.00	49.23 1.42 0.00	48.58 1.30 0.00	50.21 1.24 0.00	62.83 1.48 0.00	63.83 1.68 0.00	62.47 1.85 0.00	61.36 1.94 0.00	61.21 2.08 0.00	62.06 2.26 0.00	55.70 2.41 0.00	67.64 3.15 0.00	75.26 3.50 0.00	62.52 2.83 0.00	57.20 2.26 0.00	60.17 2.12 0.00
ONONDAGA_REF_OCCRA 23987	43.60 0.19 0.00	45.20 0.06 0.00	40.94 0.03 0.00	38.56 0.00 0.00	35.81 0.06 0.00	41.41 0.04 0.00	52.73 -0.09 0.00	52.52 -0.08 0.00	50.01 -0.11 0.00	47.73 -0.08 0.00	47.20 -0.08 0.00	48.74 -0.22 0.00	61.17 -0.18 0.00	61.98 -0.17 0.00	60.49 -0.13 0.00	59.39 -0.03 0.00	59.29 0.16 0.00	60.31 0.51 0.00	53.90 0.62 0.00	65.15 0.67 0.00	72.22 0.46 0.00	60.12 0.43 0.00	55.13 0.19 0.00	58.12 0.07 0.00
ONONDAGA___COGEN 23986	43.53 0.12 0.00	45.13 0.00 0.00	40.88 -0.03 0.00	38.51 -0.05 0.00	35.76 0.00 0.00	41.34 -0.03 0.00	52.63 -0.19 0.00	52.43 -0.17 0.00	49.89 -0.24 0.00	47.57 -0.24 0.00	47.03 -0.25 0.00	48.59 -0.37 0.00	60.99 -0.37 0.00	61.78 -0.37 0.00	60.28 -0.35 0.00	59.16 -0.26 0.00	59.03 -0.10 0.00	60.02 0.22 0.00	53.67 0.39 0.00	64.86 0.38 0.00	72.00 0.24 0.00	59.95 0.27 0.00	54.99 0.04 0.00	58.02 -0.03 0.00
ONTARIO___LFGE 23819	44.22 0.82 0.00	45.74 0.61 0.00	41.32 0.41 0.00	38.86 0.30 0.00	36.21 0.45 0.00	41.92 0.56 0.00	53.28 0.46 0.00	52.93 0.33 0.00	50.47 0.35 0.00	48.20 0.39 0.00	47.72 0.44 0.00	49.29 0.33 0.00	62.25 0.89 0.00	62.99 0.84 0.00	61.52 0.90 0.00	60.34 0.92 0.00	60.40 1.26 0.00	61.82 2.02 0.00	55.28 2.00 0.00	66.89 2.41 0.00	73.86 2.10 0.00	61.52 1.84 0.00	56.22 1.27 0.00	59.24 1.19 0.00
ORANGEVILLE_WT_PWR 323706	43.32 -0.09 0.00	44.73 -0.40 0.00	40.24 -0.68 0.00	37.85 -0.71 0.00	35.32 -0.43 0.00	40.95 -0.42 0.00	52.29 -0.52 0.00	51.41 -1.19 0.00	48.63 -1.49 0.00	46.59 -1.22 0.00	46.43 -0.85 0.00	48.22 -0.74 0.00	61.45 0.09 0.00	61.82 -0.33 0.00	60.30 -0.32 0.00	59.17 -0.26 0.00	59.60 0.46 0.00	61.02 1.22 0.00	54.52 1.24 0.00	65.84 1.36 0.00	72.67 0.91 0.00	60.89 1.20 0.00	55.82 0.87 0.00	59.04 0.99 0.00
ORANGEVILLE___ESR 323794	43.32 -0.09 0.00	44.73 -0.40 0.00	40.24 -0.68 0.00	37.85 -0.71 0.00	35.32 -0.43 0.00	40.95 -0.42 0.00	52.29 -0.52 0.00	51.41 -1.19 0.00	48.63 -1.49 0.00	46.59 -1.22 0.00	46.43 -0.85 0.00	48.22 -0.74 0.00	61.45 0.09 0.00	61.82 -0.33 0.00	60.30 -0.32 0.00	59.17 -0.26 0.00	59.60 0.46 0.00	61.02 1.22 0.00	54.52 1.24 0.00	65.84 1.36 0.00	72.67 0.91 0.00	60.89 1.20 0.00	55.82 0.87 0.00	59.04 0.99 0.00
OSWEGATCHIE___HYD 24044	44.44 1.03 0.00	46.15 1.02 0.00	41.65 0.74 0.00	39.18 0.63 0.00	36.42 0.66 0.00	42.28 0.91 0.00	54.34 1.52 0.00	54.08 1.48 0.00	51.11 0.98 0.00	48.02 0.21 0.00	47.25 -0.03 0.00	48.99 0.02 0.00	61.19 -0.17 0.00	61.83 -0.32 0.00	60.03 -0.60 0.00	58.57 -0.85 0.00	58.14 -0.99 0.00	58.60 -1.20 0.00	52.57 -0.72 0.00	64.67 0.19 0.00	73.24 1.48 0.00	61.55 1.87 0.00	57.20 2.25 0.00	60.32 2.27 0.00
OSWEGO___5 23606	42.65 -0.76 0.00	44.27 -0.86 0.00	40.12 -0.80 0.00	37.78 -0.77 0.00	35.07 -0.68 0.00	40.56 -0.81 0.00	51.61 -1.21 0.00	51.37 -1.24 0.00	48.86 -1.27 0.00	46.58 -1.24 0.00	46.01 -1.27 0.00	47.55 -1.42 0.00	59.59 -1.77 0.00	60.32 -1.83 0.00	58.78 -1.84 0.00	57.68 -1.74 0.00	57.52 -1.61 0.00	58.37 -1.43 0.00	52.14 -1.14 0.00	63.02 -1.47 0.00	70.06 -1.70 0.00	58.46 -1.22 0.00	53.80 -1.15 0.00	56.82 -1.23 0.00
OSWEGO___6 23613	42.65 -0.76 0.00	44.27 -0.86 0.00	40.12 -0.80 0.00	37.78 -0.77 0.00	35.07 -0.68 0.00	40.56 -0.81 0.00	51.61 -1.21 0.00	51.37 -1.24 0.00	48.86 -1.27 0.00	46.58 -1.24 0.00	46.01 -1.27 0.00	47.55 -1.42 0.00	59.59 -1.77 0.00	60.32 -1.83 0.00	58.78 -1.84 0.00	57.68 -1.74 0.00	57.52 -1.61 0.00	58.37 -1.43 0.00	52.14 -1.14 0.00	63.02 -1.47 0.00	70.06 -1.70 0.00	58.46 -1.22 0.00	53.80 -1.15 0.00	56.82 -1.23 0.00

OUTOKUMPU-AB___DRP 24206	42.94 -0.47 0.00	44.40 -0.73 0.00	39.84 -1.07 0.00	37.52 -1.04 0.00	34.97 -0.79 0.00	40.54 -0.83 0.00	51.89 -0.93 0.00	50.78 -1.83 0.00	48.02 -2.10 0.00	46.16 -1.65 0.00	46.35 -0.93 0.00	48.26 -0.70 0.00	61.70 0.34 0.00	61.92 -0.22 0.00	60.32 -0.30 0.00	59.14 -0.28 0.00	59.45 0.32 0.00	60.57 0.77 0.00	53.99 0.71 0.00	65.17 0.69 0.00	71.98 0.22 0.00	60.47 0.78 0.00	55.68 0.73 0.00	58.93 0.88 0.00
OXBOW___BTM 323836	42.46 -0.95 0.00	43.92 -1.21 0.00	39.43 -1.49 0.00	37.14 -1.41 0.00	34.61 -1.15 0.00	40.10 -1.26 0.00	51.35 -1.47 0.00	50.21 -2.40 0.00	47.47 -2.66 0.00	45.61 -2.20 0.00	45.81 -1.47 0.00	47.69 -1.28 0.00	60.99 -0.36 0.00	61.19 -0.96 0.00	59.60 -1.02 0.00	58.25 -1.17 0.00	58.57 -0.56 0.00	59.63 -0.17 0.00	53.08 -0.20 0.00	64.07 -0.41 0.00	70.75 -1.01 0.00	59.51 -0.18 0.00	54.93 -0.01 0.00	58.18 0.13 0.00
OXBOW___ 24026	42.46 -0.95 0.00	43.92 -1.21 0.00	39.43 -1.48 0.00	37.14 -1.42 0.00	34.61 -1.15 0.00	40.10 -1.26 0.00	51.34 -1.48 0.00	50.20 -2.40 0.00	47.47 -2.66 0.00	45.61 -2.20 0.00	45.81 -1.47 0.00	47.69 -1.28 0.00	60.99 -0.36 0.00	61.19 -0.96 0.00	59.59 -1.03 0.00	58.25 -1.17 0.00	58.57 -0.56 0.00	59.62 -0.18 0.00	53.08 -0.20 0.00	64.07 -0.41 0.00	70.76 -1.00 0.00	59.50 -0.19 0.00	54.93 -0.02 0.00	58.19 0.13 0.00
OXY_CHEM_DSASP 323612	41.98 -1.43 0.00	43.45 -1.68 0.00	39.04 -1.87 0.00	36.78 -1.77 0.00	34.27 -1.48 0.00	39.69 -1.68 0.00	50.83 -1.99 0.00	49.64 -2.97 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.03 -1.93 0.00	60.18 -1.18 0.00	60.34 -1.81 0.00	58.76 -1.86 0.00	57.66 -1.76 0.00	57.98 -1.15 0.00	59.01 -0.79 0.00	52.42 -0.86 0.00	63.25 -1.23 0.00	69.89 -1.87 0.00	58.80 -0.89 0.00	54.23 -0.72 0.00	57.39 -0.66 0.00
OZONE_PARK_ESR 323760	46.09 2.68 0.00	48.00 2.87 0.00	43.71 2.80 0.00	41.01 2.46 0.00	38.01 2.26 0.00	43.89 2.52 0.00	55.63 2.81 0.00	55.65 3.04 0.00	53.45 3.32 0.00	51.55 3.73 0.00	51.03 3.75 0.00	52.87 3.91 0.00	65.82 4.46 0.00	66.85 4.71 0.00	65.74 5.12 0.00	65.19 5.76 0.00	65.44 6.31 0.00	66.59 6.79 0.00	58.95 5.66 0.00	70.24 5.76 0.00	77.18 5.42 0.00	63.39 3.70 0.00	57.43 2.48 0.00	60.89 2.84 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	41.98 -1.43 0.00	43.45 -1.68 0.00	39.04 -1.87 0.00	36.78 -1.77 0.00	34.27 -1.48 0.00	39.69 -1.68 0.00	50.83 -1.99 0.00	49.64 -2.97 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.03 -1.93 0.00	60.18 -1.18 0.00	60.34 -1.81 0.00	58.76 -1.86 0.00	57.66 -1.76 0.00	57.98 -1.15 0.00	59.01 -0.79 0.00	52.42 -0.86 0.00	63.25 -1.23 0.00	69.89 -1.87 0.00	58.80 -0.89 0.00	54.23 -0.72 0.00	57.39 -0.66 0.00
PACKARD___115KV_DUPONT_184 80571	41.98 -1.43 0.00	43.45 -1.68 0.00	39.04 -1.87 0.00	36.78 -1.77 0.00	34.27 -1.48 0.00	39.69 -1.68 0.00	50.83 -1.99 0.00	49.64 -2.97 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.03 -1.93 0.00	60.18 -1.18 0.00	60.34 -1.81 0.00	58.76 -1.86 0.00	57.66 -1.76 0.00	57.98 -1.15 0.00	59.01 -0.79 0.00	52.42 -0.86 0.00	63.25 -1.23 0.00	69.89 -1.87 0.00	58.80 -0.89 0.00	54.23 -0.72 0.00	57.39 -0.66 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.67 2.26 0.00	47.61 2.48 0.00	43.43 2.52 0.00	40.76 2.20 0.00	37.78 2.02 0.00	43.57 2.20 0.00	55.25 2.43 0.00	55.32 2.72 0.00	53.08 2.96 0.00	51.15 3.34 0.00	50.53 3.26 0.00	52.34 3.37 0.00	65.03 3.68 0.00	66.07 3.92 0.00	64.99 4.37 0.00	64.40 4.98 0.00	64.62 5.49 0.00	65.73 5.93 0.00	58.17 4.88 0.00	69.19 4.70 -0.01	75.98 4.21 -0.01	62.39 2.69 -0.01	56.58 1.62 -0.01	60.11 2.05 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.38 3.97 0.00	49.35 4.22 0.00	44.99 4.07 0.00	42.25 3.69 0.00	39.18 3.43 0.00	45.22 3.85 0.00	57.46 4.64 0.00	57.44 4.83 0.00	55.08 4.95 0.00	53.01 5.20 0.00	52.42 5.14 0.00	54.23 5.27 0.00	67.42 6.07 0.00	68.49 6.34 0.00	67.31 6.69 0.00	66.72 7.30 0.00	66.66 7.52 0.00	67.77 7.97 0.00	60.19 6.91 0.00	71.69 7.20 -0.01	78.75 6.98 -0.01	64.84 5.15 -0.01	58.83 3.87 -0.01	62.45 4.40 -0.01
PATROON___115KV_TB1 80586	44.13 0.72 0.00	46.00 0.86 0.00	41.91 1.00 0.00	39.50 0.94 0.00	36.63 0.87 0.00	42.30 0.94 0.00	53.65 0.83 0.00	53.42 0.82 0.00	51.06 0.93 0.00	48.90 1.09 0.00	48.13 0.85 0.00	49.81 0.84 0.00	62.18 0.82 0.00	63.02 0.87 0.00	61.85 1.23 0.00	60.90 1.48 0.00	60.68 1.55 0.00	61.73 1.93 0.00	55.04 1.76 0.00	66.06 1.58 0.00	73.23 1.47 0.00	60.45 0.76 0.00	55.10 0.15 0.00	58.12 0.07 0.00
PATTRSNVILLE___SOLAR 323815	45.07 1.66 0.00	46.85 1.71 0.00	42.53 1.62 0.00	40.12 1.56 0.00	37.19 1.44 0.00	43.00 1.64 0.00	54.56 1.75 0.00	54.14 1.54 0.00	51.37 1.24 0.00	49.01 1.20 0.00	48.13 0.86 0.00	50.04 1.08 0.00	62.34 0.99 0.00	63.21 1.06 0.00	61.89 1.27 0.00	60.95 1.53 0.00	60.83 1.69 0.00	62.05 2.25 0.00	55.80 2.52 0.00	67.52 3.04 0.00	75.20 3.44 0.00	62.28 2.60 0.00	56.97 2.02 0.00	60.10 2.05 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.04 -0.37 0.00	44.46 -0.67 0.00	39.96 -0.95 0.00	37.60 -0.96 0.00	35.06 -0.70 0.00	40.64 -0.73 0.00	51.96 -0.86 0.00	51.06 -1.55 0.00	48.42 -1.70 0.00	46.54 -1.27 0.00	46.67 -0.61 0.00	48.54 -0.43 0.00	61.90 0.54 0.00	62.18 0.03 0.00	60.61 -0.01 0.00	59.56 0.13 0.00	59.87 0.74 0.00	61.14 1.34 0.00	54.51 1.23 0.00	65.87 1.39 0.00	72.53 0.77 0.00	60.76 1.08 0.00	55.77 0.82 0.00	58.99 0.94 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.89 2.48 0.00	47.70 2.56 0.00	43.37 2.46 0.00	40.72 2.16 0.00	37.73 1.98 0.00	43.56 2.19 0.00	55.27 2.45 0.00	55.26 2.66 0.00	52.99 2.86 0.00	50.93 3.12 0.00	50.42 3.14 0.00	52.31 3.35 0.00	65.25 3.89 0.00	66.25 4.10 0.00	65.18 4.56 0.00	64.54 5.11 0.00	64.72 5.59 0.00	65.94 6.14 0.00	58.53 5.25 0.00	69.83 5.35 0.00	76.77 5.01 0.00	63.07 3.39 0.00	57.19 2.25 0.00	60.66 2.61 0.00
PEEKSKILL___ 23653	45.31 1.90 0.00	47.15 2.02 0.00	42.91 2.00 0.00	40.27 1.72 0.00	37.32 1.56 0.00	43.08 1.72 0.00	54.59 1.78 0.00	54.58 1.97 0.00	52.31 2.18 0.00	50.34 2.53 0.00	49.82 2.54 0.00	51.69 2.73 0.00	64.47 3.11 0.00	65.47 3.32 0.00	64.33 3.71 0.00	63.69 4.26 0.00	63.87 4.74 0.00	65.04 5.23 0.00	57.67 4.39 0.00	68.85 4.36 0.00	75.73 3.97 0.00	62.23 2.54 0.00	56.42 1.48 0.00	59.80 1.74 0.00
PGE MADISON___WINDPWR 24146	47.09 3.69 0.00	48.78 3.65 0.00	44.11 3.20 0.00	41.49 2.93 0.00	38.60 2.85 0.00	44.77 3.40 0.00	57.19 4.37 0.00	57.02 4.42 0.00	54.15 4.02 0.00	51.78 3.97 0.00	51.20 3.93 0.00	52.74 3.78 0.00	66.33 4.97 0.00	67.40 5.25 0.00	65.76 5.14 0.00	64.80 5.38 0.00	64.80 5.67 0.00	66.41 6.61 0.00	59.75 6.46 0.00	72.40 7.92 0.00	80.18 8.43 0.00	66.54 6.85 0.00	60.46 5.51 0.00	63.35 5.30 0.00

PIERCEFIELD___HYD 23852	43.81 0.40 0.00	45.58 0.45 0.00	41.09 0.18 0.00	38.69 0.13 0.00	35.97 0.22 0.00	41.75 0.39 0.00	53.90 1.08 0.00	53.61 1.01 0.00	50.77 0.64 0.00	47.77 -0.05 0.00	47.12 -0.16 0.00	49.10 0.14 0.00	61.54 0.18 0.00	62.15 0.00 0.00	60.14 -0.49 0.00	58.23 -1.19 0.00	57.54 -1.60 0.00	57.53 -2.27 0.00	51.41 -1.88 0.00	63.25 -1.24 0.00	71.20 -0.56 0.00	60.07 0.39 0.00	56.40 1.45 0.00	59.71 1.66 0.00
PINELAWN_CC_1 323563	45.90 2.49 0.00	48.02 2.89 0.00	43.75 2.84 0.00	40.97 2.41 0.00	37.85 2.10 0.00	43.57 2.21 0.00	54.91 2.09 0.00	54.69 2.08 0.00	51.70 2.23 0.66	49.82 2.83 0.82	50.43 3.15 0.00	70.22 3.47 -17.78	73.53 4.00 -8.18	72.29 4.23 -5.91	78.57 4.85 -13.10	82.33 5.70 -17.20	158.26 6.52 -92.61	276.70 7.14 -209.76	212.50 5.82 -153.40	126.25 5.52 -56.24	89.37 4.66 -12.94	62.68 2.92 -0.08	56.66 2.05 0.33	46.99 2.30 13.36
PJM_GEN_HTTP_PROXY 323702	44.47 2.14 1.08	47.45 2.32 0.00	43.22 2.31 0.00	40.57 2.01 0.00	37.60 1.85 0.00	36.51 2.04 6.91	63.21 2.18 -8.21	55.01 2.40 0.00	52.83 2.70 0.00	50.93 3.12 0.00	50.40 3.12 0.00	51.79 3.25 0.43	65.40 3.63 -0.41	66.03 3.88 0.00	64.91 4.29 0.00	64.34 4.92 0.00	64.60 5.46 0.00	65.29 5.90 0.41	58.15 4.87 0.00	69.28 4.79 0.00	76.13 4.37 0.00	62.49 2.81 0.00	56.65 1.70 0.00	60.08 2.03 0.00
PJM_GEN_KEystone 24065	54.39 0.57 -10.42	45.64 0.51 0.00	41.33 0.41 0.00	38.79 0.23 0.00	36.06 0.31 0.00	34.78 0.32 6.91	61.21 0.18 -8.21	52.67 0.07 0.00	50.23 0.11 0.00	48.27 0.46 0.00	48.01 0.73 0.00	49.36 0.82 0.43	62.98 1.21 -0.41	63.25 1.10 0.00	61.95 1.33 0.00	61.13 1.71 0.00	61.36 2.23 0.00	62.20 2.81 0.41	55.56 2.28 0.00	66.73 2.24 0.00	71.53 1.52 1.75	61.37 1.00 -0.68	52.46 0.31 2.80	58.61 0.57 0.01
PJM_GEN_NEPTUNE_PROXY 323594	44.24 1.91 1.08	47.39 2.26 0.00	43.17 2.26 0.00	40.46 1.91 0.00	37.41 1.66 0.00	36.18 1.72 6.91	62.53 1.50 -8.21	54.11 1.51 0.00	51.86 1.73 0.00	50.11 2.30 0.00	49.83 2.55 0.00	51.33 2.79 0.43	63.53 3.12 0.94	65.44 3.29 0.00	64.70 3.91 -0.17	64.58 4.68 -0.48	148.37 5.32 -83.92	274.06 5.89 -208.37	204.99 4.96 -146.74	105.15 4.83 -35.84	75.03 4.12 0.86	54.52 2.51 7.67	48.75 1.36 7.55	32.98 1.54 26.61
PJM_GEN_VFT_PROXY 323633	44.28 1.95 1.08	47.25 2.12 0.00	43.04 2.13 0.00	40.39 1.83 0.00	37.44 1.68 0.00	36.30 1.84 6.91	62.92 1.89 -8.21	54.74 2.14 0.00	52.59 2.46 0.00	50.70 2.89 0.00	50.16 2.99 0.43	51.53 3.25 -0.41	65.02 3.47 0.00	65.62 3.88 0.00	64.50 3.91 0.00	63.93 4.51 0.00	64.17 5.04 0.00	64.87 5.49 0.41	57.78 4.49 0.00	68.86 4.38 0.00	75.66 3.91 0.00	62.11 2.42 0.00	56.28 1.34 0.01	59.59 1.67 0.14
PLATSBURG_115KV_PMLD1 355749	42.98 -0.43 0.00	45.06 -0.07 0.00	40.65 -0.26 0.00	38.30 -0.25 0.00	35.50 -0.25 0.00	41.36 -0.01 0.00	53.03 0.21 0.00	52.23 -0.37 0.00	49.30 -0.82 0.00	46.77 -1.04 0.00	46.55 -0.73 0.00	48.17 -0.79 0.00	60.46 -0.89 0.00	60.74 -1.41 0.00	58.97 -1.65 0.00	57.50 -1.92 0.00	57.02 -2.11 0.00	57.21 -2.59 0.00	50.87 -2.41 0.00	62.19 -2.29 0.00	69.70 -2.05 0.00	58.49 -1.19 0.00	54.68 -0.26 0.00	58.13 0.08 0.00
PLEASANTVLY___LBMP 24000	45.01 1.60 0.00	46.84 1.71 0.00	42.64 1.73 0.00	40.06 1.51 0.00	37.12 1.37 0.00	42.85 1.48 0.00	54.32 1.50 0.00	54.24 1.64 0.00	51.97 1.85 0.00	49.95 2.14 0.00	49.37 2.09 0.00	51.17 2.21 0.00	63.80 2.45 0.00	64.78 2.63 0.00	63.64 3.01 0.00	62.93 3.51 0.00	63.07 3.94 0.00	64.19 4.39 0.00	57.01 3.73 0.00	68.15 3.67 0.00	75.06 3.30 0.00	61.69 2.00 0.00	56.03 1.08 0.00	59.35 1.29 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.45 2.05 0.00	47.32 2.19 0.00	43.07 2.16 0.00	40.42 1.87 0.00	37.46 1.70 0.00	43.25 1.88 0.00	54.85 2.03 0.00	54.80 2.20 0.00	52.55 2.43 0.00	50.59 2.77 0.00	50.05 2.77 0.00	51.91 2.94 0.00	64.70 3.35 0.00	65.73 3.58 0.00	64.60 3.98 0.00	63.97 4.55 0.00	64.17 5.04 0.00	65.31 5.52 0.00	57.93 4.65 0.00	69.12 4.64 0.00	76.02 4.27 0.00	62.48 2.80 0.00	56.62 1.67 0.00	60.02 1.97 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.45 2.05 0.00	47.32 2.19 0.00	43.07 2.16 0.00	40.42 1.87 0.00	37.46 1.70 0.00	43.25 1.88 0.00	54.85 2.03 0.00	54.80 2.20 0.00	52.55 2.43 0.00	50.59 2.77 0.00	50.05 2.77 0.00	51.91 2.94 0.00	64.70 3.35 0.00	65.73 3.58 0.00	64.60 3.98 0.00	63.97 4.55 0.00	64.17 5.04 0.00	65.31 5.52 0.00	57.93 4.65 0.00	69.12 4.64 0.00	76.02 4.27 0.00	62.48 2.80 0.00	56.62 1.67 0.00	60.02 1.97 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.59 2.18 0.00	47.37 2.24 0.00	43.10 2.19 0.00	40.47 1.91 0.00	37.49 1.74 0.00	43.28 1.92 0.00	54.93 2.11 0.00	54.89 2.28 0.00	52.59 2.46 0.00	50.53 2.72 0.00	49.96 2.68 0.00	51.82 2.86 0.00	64.67 3.32 0.00	65.66 3.51 0.00	64.50 3.88 0.00	63.80 4.38 0.00	64.00 4.87 0.00	65.22 5.42 0.00	57.96 4.68 0.00	69.26 4.78 0.00	76.20 4.43 0.00	62.58 2.89 0.00	56.80 1.85 0.00	60.24 2.19 0.00
POLETTI_____ 23519	45.49 2.08 0.00	47.40 2.27 0.00	43.20 2.28 0.00	40.56 2.00 0.00	37.58 1.83 0.00	43.39 2.02 0.00	54.95 2.13 0.00	54.96 2.35 0.00	52.78 2.66 0.00	50.92 3.11 0.00	50.37 3.09 0.00	52.17 3.21 0.00	64.92 3.56 0.00	65.92 3.77 0.00	64.81 4.19 0.00	64.26 4.84 0.00	64.50 5.37 0.00	65.63 5.83 0.00	58.10 4.82 0.00	69.19 4.70 0.00	76.03 4.27 0.00	62.41 2.72 0.00	56.57 1.62 0.00	60.00 1.95 0.00
POMONA___ESR 323819	45.36 1.95 0.00	47.18 2.05 0.00	42.91 2.00 0.00	40.26 1.71 0.00	37.31 1.56 0.00	43.05 1.68 0.00	54.59 1.78 0.00	54.57 1.97 0.00	52.30 2.17 0.00	50.33 2.51 0.00	49.86 2.58 0.00	51.75 2.79 0.00	64.62 3.26 0.00	65.62 3.47 0.00	64.47 3.85 0.00	63.82 4.40 0.00	64.00 4.87 0.00	65.20 5.39 0.00	57.79 4.51 0.00	68.98 4.50 0.00	75.86 4.10 0.00	62.33 2.64 0.00	56.51 1.56 0.00	59.86 1.81 0.00
PORT_JEFF_3 23555	45.69 2.28 0.00	47.96 2.83 0.00	43.74 2.82 0.00	40.94 2.39 0.00	37.79 2.04 0.00	43.47 2.10 0.00	54.76 1.94 0.00	54.44 1.83 0.00	50.80 1.91 1.23	48.60 2.49 1.70	50.14 2.86 0.00	307.13 3.16 -255.00	191.64 3.50 -126.78	161.19 3.60 -95.44	255.11 4.29 -190.20	295.30 5.13 -230.74	270.60 5.77 -205.70	283.56 6.49 -217.27	304.74 5.50 -245.96	274.70 5.40 -204.82	213.59 4.66 -137.17	58.97 2.85 3.56	51.70 1.43 4.67	38.42 1.68 21.31
PORT_JEFF_4 23616	45.69 2.28 0.00	47.96 2.83 0.00	43.74 2.82 0.00	40.94 2.39 0.00	37.79 2.04 0.00	43.47 2.10 0.00	54.76 1.94 0.00	54.44 1.83 0.00	50.80 1.91 1.23	48.60 2.49 1.70	50.14 2.86 0.00	307.13 3.16 -255.00	191.64 3.50 -126.78	161.19 3.60 -95.44	255.11 4.29 -190.20	295.30 5.13 -230.74	270.60 5.77 -205.70	283.56 6.49 -217.27	304.74 5.50 -245.96	274.70 5.40 -204.82	213.59 4.66 -137.17	58.97 2.85 3.56	51.70 1.43 4.67	38.42 1.68 21.31

PORT_JEFF_IC 23713	45.82 2.41 0.00	48.07 2.94 0.00	43.80 2.89 0.00	41.00 2.45 0.00	37.84 2.08 0.00	43.54 2.17 0.00	54.83 2.01 0.00	54.53 1.93 0.00	50.56 2.05 1.61	48.25 2.68 2.24	50.31 3.03 0.00	318.47 3.38 -266.13	210.35 3.64 -145.36	181.43 3.68 -115.60	285.63 4.40 -220.61	330.55 5.23 -265.90	284.12 5.84 -219.14	284.88 6.58 -218.49	321.48 5.62 -262.58	300.27 5.52 -230.27	235.03 4.77 -158.50	59.45 3.03 3.26	51.96 1.56 4.54	38.87 1.89 21.07
PPL PILGRIM_ST_GT1 24216	45.99 2.58 0.00	48.13 3.00 0.00	43.85 2.94 0.00	41.07 2.51 0.00	37.93 2.18 0.00	43.63 2.27 0.00	54.97 2.15 0.00	54.67 2.06 0.00	50.83 2.22 1.52	48.58 2.86 2.10	50.36 3.08 0.00	109.54 3.41 -57.16	90.81 3.96 -25.50	88.45 4.08 -22.22	103.77 4.60 -38.55	113.09 5.37 -48.30	175.24 6.29 -109.82	277.77 6.86 -211.11	225.61 5.73 -166.59	144.39 5.67 -74.24	105.84 4.89 -29.19	59.27 3.32 3.73	52.98 2.00 3.96	40.34 2.29 20.01
PPL PILGRIM_ST_GT2 24217	45.99 2.58 0.00	48.13 3.00 0.00	43.85 2.94 0.00	41.07 2.51 0.00	37.93 2.18 0.00	43.63 2.27 0.00	54.97 2.15 0.00	54.67 2.06 0.00	50.83 2.22 1.52	48.58 2.86 2.10	50.36 3.08 0.00	109.54 3.41 -57.16	90.81 3.96 -25.50	88.45 4.08 -22.22	103.77 4.60 -38.55	113.09 5.37 -48.30	175.24 6.29 -109.82	277.77 6.86 -211.11	225.61 5.73 -166.59	144.39 5.67 -74.24	105.84 4.89 -29.19	59.27 3.32 3.73	52.98 2.00 3.96	40.34 2.29 20.01
PPL_SHRM_GT3 24213	45.84 2.43 0.00	48.02 2.89 0.00	43.74 2.83 0.00	40.92 2.37 0.00	37.73 1.97 0.00	43.36 2.00 0.00	54.63 1.81 0.00	54.32 1.71 0.00	50.74 1.93 1.31	48.63 2.64 1.82	50.31 3.03 0.00	306.23 3.44 -253.82	194.35 3.72 -129.28	164.70 3.96 -98.59	259.84 4.74 -194.48	300.75 5.69 -235.64	272.50 6.34 -207.02	284.28 7.03 -217.45	307.75 6.10 -248.37	279.13 6.23 -208.41	217.38 5.43 -140.19	59.55 3.34 3.48	52.13 1.79 4.61	38.69 1.83 21.19
PPL_SHRM_GT4 24214	45.84 2.43 0.00	48.02 2.89 0.00	43.74 2.83 0.00	40.92 2.37 0.00	37.73 1.97 0.00	43.36 2.00 0.00	54.63 1.81 0.00	54.32 1.71 0.00	50.74 1.93 1.31	48.63 2.64 1.82	50.31 3.03 0.00	306.23 3.44 -253.82	194.35 3.72 -129.28	164.70 3.96 -98.59	259.84 4.74 -194.48	300.75 5.69 -235.64	272.50 6.34 -207.02	284.28 7.03 -217.45	307.75 6.10 -248.37	279.13 6.23 -208.41	217.38 5.43 -140.19	59.55 3.34 3.48	52.13 1.79 4.61	38.69 1.83 21.19
PROJECT___ORANGE 1 24174	43.32 -0.09 0.00	44.92 -0.21 0.00	40.69 -0.23 0.00	38.32 -0.23 0.00	35.60 -0.15 0.00	41.15 -0.21 0.00	52.41 -0.41 0.00	52.20 -0.41 0.00	49.71 -0.42 0.00	47.46 -0.36 0.00	46.93 -0.35 0.00	48.47 -0.49 0.00	60.81 -0.54 0.00	61.61 -0.54 0.00	60.08 -0.54 0.00	58.99 -0.44 0.00	58.89 -0.24 0.00	59.86 0.06 0.00	53.46 0.18 0.00	64.56 0.08 0.00	71.62 -0.14 0.00	59.62 -0.07 0.00	54.70 -0.24 0.00	57.67 -0.38 0.00
PROJECT___ORANGE 2 24166	43.32 -0.09 0.00	44.92 -0.21 0.00	40.69 -0.23 0.00	38.32 -0.23 0.00	35.60 -0.15 0.00	41.15 -0.21 0.00	52.41 -0.41 0.00	52.20 -0.41 0.00	49.71 -0.42 0.00	47.46 -0.36 0.00	46.93 -0.35 0.00	48.47 -0.49 0.00	60.81 -0.54 0.00	61.61 -0.54 0.00	60.08 -0.54 0.00	58.99 -0.44 0.00	58.89 -0.24 0.00	59.86 0.06 0.00	53.46 0.18 0.00	64.56 0.08 0.00	71.62 -0.14 0.00	59.62 -0.07 0.00	54.70 -0.24 0.00	57.67 -0.38 0.00
PUCKETT___SOLAR 323809	44.64 1.23 0.00	46.26 1.13 0.00	41.92 1.01 0.00	39.45 0.89 0.00	36.70 0.95 0.00	42.44 1.08 0.00	53.97 1.16 0.00	53.68 1.07 0.00	51.06 0.94 0.00	48.92 1.11 0.00	48.41 1.13 0.00	49.95 0.99 0.00	62.67 1.31 0.00	63.56 1.41 0.00	62.05 1.43 0.00	61.11 1.68 0.00	61.21 2.08 0.00	62.60 2.80 0.00	55.92 2.64 0.00	67.66 3.17 0.00	74.69 2.93 0.00	62.03 2.35 0.00	56.59 1.64 0.00	59.69 1.64 0.00
PYRITES___HYD 24023	44.66 1.25 0.00	46.44 1.31 0.00	41.82 0.91 0.00	39.37 0.82 0.00	36.58 0.83 0.00	42.49 1.12 0.00	54.91 2.09 0.00	54.48 1.87 0.00	51.45 1.32 0.00	48.12 0.31 0.00	47.51 0.24 0.00	49.53 0.56 0.00	62.26 0.90 0.00	62.87 0.72 0.00	60.84 0.22 0.00	58.93 -0.49 0.00	58.25 -0.88 0.00	58.33 -1.47 0.00	52.41 -0.87 0.00	64.95 0.47 0.00	73.07 1.32 0.00	61.64 1.95 0.00	57.69 2.75 0.00	60.94 2.89 0.00
QUAKERRD_115KV_BK1 80622	42.59 -0.82 0.00	44.09 -1.04 0.00	39.80 -1.12 0.00	37.45 -1.10 0.00	34.82 -0.93 0.00	40.34 -1.03 0.00	51.55 -1.27 0.00	51.02 -1.59 0.00	48.54 -1.59 0.00	46.45 -1.37 0.00	46.23 -1.04 0.00	47.98 -0.98 0.00	60.84 -0.51 0.00	61.49 -0.66 0.00	59.85 -0.77 0.00	58.78 -0.65 0.00	58.84 -0.29 0.00	59.87 0.07 0.00	53.41 0.13 0.00	64.47 -0.01 0.00	71.42 -0.34 0.00	59.64 -0.05 0.00	54.72 -0.22 0.00	57.64 -0.41 0.00
QUENSBRY_115KV_TB8 356137	46.10 2.70 0.00	47.99 2.86 0.00	43.55 2.64 0.00	41.07 2.51 0.00	38.11 2.36 0.00	44.15 2.78 0.00	56.13 3.31 0.00	55.99 3.38 0.00	53.52 3.39 0.00	51.16 3.35 0.00	49.87 2.59 0.00	51.73 2.76 0.00	64.73 3.37 0.00	65.58 3.43 0.00	64.37 3.75 0.00	63.46 4.04 0.00	63.34 4.21 0.00	64.99 5.19 0.00	58.40 5.11 0.00	70.29 5.80 0.00	79.00 7.24 0.00	65.27 5.58 0.00	59.45 4.50 0.00	62.47 4.41 0.00
RAMAPO___LBMP 323565	45.14 1.73 0.00	46.96 1.83 0.00	42.71 1.80 0.00	40.08 1.52 0.00	37.14 1.39 0.00	42.87 1.51 0.00	54.37 1.56 0.00	54.33 1.72 0.00	52.03 1.91 0.00	50.04 2.23 0.00	49.57 2.29 0.00	51.43 2.47 0.00	64.21 2.85 0.00	65.19 3.04 0.00	64.02 3.39 0.00	63.34 3.92 0.00	63.50 4.37 0.00	64.68 4.88 0.00	57.38 4.10 0.00	68.49 4.01 0.00	75.37 3.61 0.00	61.96 2.27 0.00	56.19 1.24 0.00	59.57 1.51 0.00
RANKINE____ 23646	43.18 -0.23 0.00	44.62 -0.51 0.00	40.09 -0.83 0.00	37.73 -0.82 0.00	35.20 -0.56 0.00	40.78 -0.59 0.00	52.18 -0.64 0.00	51.20 -1.41 0.00	48.50 -1.63 0.00	46.58 -1.23 0.00	46.75 -0.53 0.00	48.63 -0.33 0.00	62.04 0.69 0.00	62.30 0.15 0.00	60.74 0.12 0.00	59.67 0.24 0.00	60.00 0.87 0.00	61.22 1.42 0.00	54.60 1.32 0.00	65.97 1.49 0.00	72.71 0.95 0.00	60.99 1.30 0.00	56.02 1.08 0.00	59.26 1.21 0.00
RAVENSWOOD_GT2_1 24244	45.54 2.13 0.00	47.46 2.33 0.00	43.25 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.45 2.08 0.00	55.04 2.22 0.00	55.05 2.45 0.00	52.87 2.74 0.00	50.97 3.16 0.00	50.40 3.13 0.00	52.22 3.26 0.00	64.98 3.62 0.00	65.98 3.83 0.00	64.86 4.24 0.00	64.29 4.87 0.00	64.53 5.40 0.00	65.65 5.85 0.00	58.13 4.85 0.00	69.25 4.77 0.00	76.09 4.33 0.00	62.49 2.80 0.00	56.64 1.69 0.00	60.09 2.04 0.00
RAVENSWOOD_GT2_2 24245	45.54 2.13 0.00	47.46 2.33 0.00	43.25 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.45 2.08 0.00	55.04 2.22 0.00	55.05 2.45 0.00	52.87 2.74 0.00	50.97 3.16 0.00	50.40 3.13 0.00	52.22 3.26 0.00	64.98 3.62 0.00	65.98 3.83 0.00	64.86 4.24 0.00	64.29 4.87 0.00	64.53 5.40 0.00	65.65 5.85 0.00	58.13 4.85 0.00	69.25 4.77 0.00	76.09 4.33 0.00	62.49 2.80 0.00	56.64 1.69 0.00	60.09 2.04 0.00

RAVENSWOOD_GT2_3 24246	45.58 2.17 0.00	47.50 2.37 0.00	43.28 2.37 0.00	40.64 2.08 0.00	37.65 1.90 0.00	43.47 2.11 0.00	55.07 2.25 0.00	55.09 2.49 0.00	52.89 2.76 0.00	51.00 3.19 0.00	50.45 3.17 0.00	52.26 3.30 0.00	65.01 3.66 0.00	66.03 3.88 0.00	64.91 4.29 0.00	64.34 4.92 0.00	64.58 5.45 0.00	65.70 5.90 0.00	58.17 4.89 0.00	69.31 4.83 0.00	76.15 4.39 0.00	62.54 2.85 0.00	56.68 1.73 0.00	60.13 2.08 0.00
RAVENSWOOD_GT2_4 24247	45.58 2.17 0.00	47.50 2.37 0.00	43.28 2.37 0.00	40.64 2.08 0.00	37.65 1.90 0.00	43.47 2.11 0.00	55.07 2.25 0.00	55.09 2.49 0.00	52.89 2.76 0.00	51.00 3.19 0.00	50.45 3.17 0.00	52.26 3.30 0.00	65.01 3.66 0.00	66.03 3.88 0.00	64.91 4.29 0.00	64.34 4.92 0.00	64.58 5.45 0.00	65.70 5.90 0.00	58.17 4.89 0.00	69.31 4.83 0.00	76.15 4.39 0.00	62.54 2.85 0.00	56.68 1.73 0.00	60.13 2.08 0.00
RAVENSWOOD_GT3_1 24248	45.55 2.14 0.00	47.46 2.33 0.00	43.25 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.45 2.08 0.00	55.04 2.22 0.00	55.05 2.45 0.00	52.87 2.75 0.00	50.97 3.16 0.00	50.41 3.13 0.00	52.22 3.26 0.00	64.98 3.62 0.00	65.98 3.83 0.00	64.86 4.24 0.00	64.30 4.87 0.00	64.54 5.40 0.00	65.65 5.85 0.00	58.14 4.86 0.00	69.25 4.77 0.00	76.10 4.34 0.00	62.49 2.80 0.00	56.64 1.69 0.00	60.09 2.04 0.00
RAVENSWOOD_GT3_2 24249	45.55 2.14 0.00	47.46 2.33 0.00	43.25 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.45 2.08 0.00	55.04 2.22 0.00	55.05 2.45 0.00	52.87 2.75 0.00	50.97 3.16 0.00	50.41 3.13 0.00	52.22 3.26 0.00	64.98 3.62 0.00	65.98 3.83 0.00	64.86 4.24 0.00	64.30 4.87 0.00	64.54 5.40 0.00	65.65 5.85 0.00	58.14 4.86 0.00	69.25 4.77 0.00	76.10 4.34 0.00	62.49 2.80 0.00	56.64 1.69 0.00	60.09 2.04 0.00
RAVENSWOOD_GT3_3 24250	45.65 2.24 0.00	47.56 2.43 0.00	43.35 2.43 0.00	40.69 2.14 0.00	37.71 1.96 0.00	43.54 2.17 0.00	55.15 2.34 0.00	55.17 2.56 0.00	52.98 2.86 0.00	51.08 3.27 0.00	50.54 3.26 0.00	52.36 3.39 0.00	65.13 3.78 0.00	66.16 4.01 0.00	65.03 4.42 0.00	64.47 5.04 0.00	64.71 5.58 0.00	65.83 6.03 0.00	58.28 5.00 0.00	69.44 4.96 0.00	76.29 4.53 0.00	62.66 2.97 0.00	56.78 1.83 0.00	60.24 2.19 0.00
RAVENSWOOD_GT3_4 24251	45.65 2.24 0.00	47.56 2.43 0.00	43.35 2.43 0.00	40.69 2.14 0.00	37.71 1.96 0.00	43.54 2.17 0.00	55.15 2.34 0.00	55.17 2.56 0.00	52.98 2.86 0.00	51.08 3.27 0.00	50.54 3.26 0.00	52.36 3.39 0.00	65.13 3.78 0.00	66.16 4.01 0.00	65.03 4.42 0.00	64.47 5.04 0.00	64.71 5.58 0.00	65.83 6.03 0.00	58.28 5.00 0.00	69.44 4.96 0.00	76.29 4.53 0.00	62.66 2.97 0.00	56.78 1.83 0.00	60.24 2.19 0.00
RAVENSWOOD_GT_1 23729	45.61 2.20 0.00	47.53 2.39 0.00	43.35 2.44 0.00	40.69 2.14 0.00	37.71 1.96 0.00	43.53 2.17 0.00	55.12 2.30 0.00	55.19 2.58 0.00	53.02 2.90 0.00	51.13 3.32 0.00	50.53 3.25 0.00	52.26 3.29 0.00	64.91 3.55 0.00	65.95 3.81 0.00	64.88 4.26 0.00	64.33 4.91 0.00	64.56 5.43 0.00	65.64 5.84 0.00	58.06 4.78 0.00	69.08 4.60 0.00	72.20 4.10 3.65	55.70 2.59 6.58	53.38 1.51 3.07	55.67 1.92 4.30
RAVENSWOOD_GT_10 24258	45.55 2.14 0.00	47.46 2.33 0.00	43.25 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.45 2.09 0.00	55.05 2.23 0.00	55.05 2.45 0.00	52.87 2.74 0.00	50.97 3.16 0.00	50.41 3.13 0.00	52.23 3.26 0.00	64.98 3.62 0.00	65.99 3.84 0.00	64.88 4.26 0.00	64.30 4.88 0.00	64.54 5.41 0.00	65.67 5.87 0.00	58.15 4.87 0.00	69.28 4.79 0.00	75.78 4.36 0.34	61.88 2.81 0.62	56.37 1.71 0.29	59.71 2.06 0.40
RAVENSWOOD_GT_11 24259	45.55 2.14 0.00	47.46 2.33 0.00	43.25 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.45 2.09 0.00	55.05 2.23 0.00	55.05 2.45 0.00	52.87 2.74 0.00	50.97 3.16 0.00	50.41 3.13 0.00	52.23 3.26 0.00	64.98 3.62 0.00	65.99 3.84 0.00	64.88 4.26 0.00	64.30 4.88 0.00	64.54 5.41 0.00	65.67 5.87 0.00	58.15 4.87 0.00	69.28 4.79 0.00	75.78 4.36 0.34	61.88 2.81 0.62	56.37 1.71 0.29	59.71 2.06 0.40
RAVENSWOOD_GT_4 24252	45.55 2.14 0.00	47.46 2.33 0.00	43.26 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.46 2.09 0.00	55.04 2.23 0.00	55.05 2.45 0.00	52.86 2.74 0.00	50.96 3.15 0.00	50.42 3.14 0.00	52.24 3.27 0.00	65.02 3.66 0.00	66.03 3.88 0.00	64.91 4.29 0.00	64.34 4.92 0.00	64.58 5.45 0.00	65.70 5.90 0.00	58.19 4.91 0.00	69.34 4.86 0.00	73.43 4.46 2.78	57.57 2.89 5.01	54.37 1.77 2.34	56.90 2.12 3.27
RAVENSWOOD_GT_5 24254	45.55 2.14 0.00	47.46 2.33 0.00	43.26 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.46 2.09 0.00	55.04 2.23 0.00	55.05 2.45 0.00	52.86 2.74 0.00	50.96 3.15 0.00	50.42 3.14 0.00	52.24 3.27 0.00	65.02 3.66 0.00	66.03 3.88 0.00	64.91 4.29 0.00	64.34 4.92 0.00	64.58 5.45 0.00	65.70 5.90 0.00	58.19 4.91 0.00	69.34 4.86 0.00	73.43 4.46 2.78	57.57 2.89 5.01	54.37 1.77 2.34	56.90 2.12 3.27
RAVENSWOOD_GT_6 24253	45.55 2.14 0.00	47.46 2.33 0.00	43.26 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.46 2.09 0.00	55.04 2.23 0.00	55.05 2.45 0.00	52.86 2.74 0.00	50.96 3.15 0.00	50.42 3.14 0.00	52.24 3.27 0.00	65.02 3.66 0.00	66.03 3.88 0.00	64.91 4.29 0.00	64.34 4.92 0.00	64.58 5.45 0.00	65.70 5.90 0.00	58.19 4.91 0.00	69.34 4.86 0.00	73.43 4.46 2.78	57.57 2.89 5.01	54.37 1.77 2.34	56.90 2.12 3.27
RAVENSWOOD_GT_7 24255	45.55 2.14 0.00	47.46 2.33 0.00	43.26 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.46 2.09 0.00	55.04 2.23 0.00	55.05 2.45 0.00	52.86 2.74 0.00	50.96 3.15 0.00	50.42 3.14 0.00	52.24 3.27 0.00	65.02 3.66 0.00	66.03 3.88 0.00	64.91 4.29 0.00	64.34 4.92 0.00	64.58 5.45 0.00	65.70 5.90 0.00	58.19 4.91 0.00	69.34 4.86 0.00	73.43 4.46 2.78	57.57 2.89 5.01	54.37 1.77 2.34	56.90 2.12 3.27
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.55 2.14 0.00	47.46 2.33 0.00	43.25 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.45 2.09 0.00	55.05 2.23 0.00	55.05 2.45 0.00	52.87 2.74 0.00	50.97 3.16 0.00	50.41 3.13 0.00	52.23 3.26 0.00	64.98 3.62 0.00	65.99 3.84 0.00	64.88 4.26 0.00	64.30 4.88 0.00	64.54 5.41 0.00	65.67 5.87 0.00	58.15 4.87 0.00	69.28 4.79 0.00	75.78 4.36 0.34	61.88 2.81 0.62	56.37 1.71 0.29	59.71 2.06 0.40
RAVENSWOOD_GT_9 24257	45.55 2.14 0.00	47.46 2.33 0.00	43.25 2.34 0.00	40.61 2.06 0.00	37.64 1.88 0.00	43.45 2.09 0.00	55.05 2.23 0.00	55.05 2.45 0.00	52.87 2.74 0.00	50.97 3.16 0.00	50.41 3.13 0.00	52.23 3.26 0.00	64.98 3.62 0.00	65.99 3.84 0.00	64.88 4.26 0.00	64.30 4.88 0.00	64.54 5.41 0.00	65.67 5.87 0.00	58.15 4.87 0.00	69.28 4.79 0.00	75.78 4.36 0.34	61.88 2.81 0.62	56.37 1.71 0.29	59.71 2.06 0.40

RAVENSWOOD___1 23533	45.58 2.17 0.00	47.48 2.35 0.00	43.32 2.41 0.00	40.66 2.10 0.00	37.69 1.93 0.00	43.49 2.13 0.00	55.07 2.25 0.00	55.14 2.53 0.00	52.98 2.85 0.00	51.08 3.27 0.00	50.48 3.20 0.00	52.21 3.25 0.00	64.88 3.53 0.00	65.91 3.76 0.00	64.82 4.20 0.00	64.28 4.85 0.00	64.50 5.37 0.00	65.58 5.78 0.00	58.03 4.75 0.00	69.02 4.55 0.00	70.61 4.04 5.19	52.85 2.53 9.36	52.05 1.47 4.37	53.84 1.87 6.08
RAVENSWOOD___2 23534	45.34 1.93 0.00	47.35 2.21 0.00	43.22 2.30 0.00	40.56 2.01 0.00	37.61 1.85 0.00	43.40 2.03 0.00	54.95 2.13 0.00	55.01 2.41 0.00	52.85 2.72 0.00	50.95 3.14 0.00	50.25 2.97 0.00	51.98 3.01 0.00	64.45 3.09 0.00	65.42 3.27 0.00	64.33 3.71 0.00	63.80 4.38 0.00	64.03 4.90 0.00	65.04 5.24 0.00	57.56 4.28 0.00	68.45 3.97 0.00	69.93 3.41 5.23	52.25 2.00 9.44	51.53 0.99 4.41	53.27 1.35 6.13
RAVENSWOOD___3 23535	45.55 2.14 0.00	47.46 2.33 0.00	43.25 2.34 0.00	40.61 2.06 0.00	37.64 1.89 0.00	43.45 2.09 0.00	55.05 2.23 0.00	55.05 2.45 0.00	52.87 2.75 0.00	50.97 3.16 0.00	50.41 3.13 0.00	52.23 3.26 0.00	64.98 3.62 0.00	65.98 3.83 0.00	64.87 4.25 0.00	64.30 4.88 0.00	64.54 5.41 0.00	65.66 5.86 0.00	58.14 4.85 0.00	69.26 4.78 0.00	76.11 4.35 0.00	62.49 2.80 0.00	56.64 1.69 0.00	60.09 2.04 0.00
RAVENSWOOD___4 23820	45.54 2.13 0.00	47.44 2.31 0.00	43.28 2.37 0.00	40.63 2.08 0.00	37.66 1.91 0.00	43.45 2.09 0.00	55.02 2.20 0.00	55.09 2.48 0.00	52.93 2.80 0.00	51.03 3.22 0.00	50.43 3.15 0.00	52.18 3.21 0.00	64.82 3.46 0.00	65.87 3.72 0.00	64.77 4.15 0.00	64.22 4.80 0.00	64.45 5.32 0.00	65.53 5.73 0.00	57.98 4.70 0.00	68.98 4.50 0.01	68.99 3.99 6.76	50.00 2.49 12.18	50.70 1.44 5.69	51.98 1.82 7.89
RCPL_TRUST___DRP 24196	45.60 2.19 0.00	47.51 2.38 0.00	43.28 2.37 0.00	40.62 2.07 0.00	37.65 1.89 0.00	43.47 2.11 0.00	55.08 2.27 0.00	55.10 2.50 0.00	52.93 2.81 0.00	51.04 3.22 0.00	50.50 3.22 0.00	52.32 3.35 0.00	65.11 3.76 0.00	66.15 4.00 0.00	65.03 4.41 0.00	64.46 5.03 0.00	64.71 5.58 0.00	65.82 6.02 0.00	58.24 4.96 0.00	69.37 4.89 0.00	76.22 4.46 0.00	62.58 2.90 0.00	56.71 1.76 0.00	60.15 2.09 0.00
RED___ROCHESTER 323720	43.92 0.51 0.00	45.44 0.31 0.00	40.95 0.04 0.00	38.52 -0.03 0.00	35.83 0.07 0.00	41.52 0.15 0.00	53.12 0.30 0.00	52.48 -0.13 0.00	49.95 -0.18 0.00	47.85 0.04 0.00	47.77 0.49 0.00	49.67 0.71 0.00	63.17 1.81 0.00	63.77 1.62 0.00	62.02 1.40 0.00	60.91 1.49 0.00	61.11 1.98 0.00	62.17 2.38 0.00	55.45 2.17 0.00	66.90 2.42 0.00	74.07 2.31 0.00	61.88 2.19 0.00	56.71 1.76 0.00	59.69 1.63 0.00
REGAN___SOLAR 323812	46.48 3.07 0.00	48.18 3.04 0.00	43.63 2.72 0.00	41.16 2.61 0.00	38.19 2.44 0.00	44.21 2.84 0.00	56.03 3.21 0.00	55.22 2.62 0.00	51.51 1.39 0.00	49.40 1.59 0.00	48.12 0.83 0.00	50.29 1.33 0.00	62.19 0.83 0.00	62.87 0.72 0.00	61.75 1.14 0.00	60.71 1.29 0.00	60.63 1.49 0.00	62.57 2.77 0.00	57.13 3.85 0.00	69.76 5.28 0.00	78.02 6.26 0.00	64.74 5.06 0.00	59.25 4.30 0.00	62.39 4.34 0.00
RENSSELAER___COGEN 23796	43.73 0.32 0.00	45.63 0.49 0.00	41.60 0.68 0.00	39.20 0.64 0.00	36.35 0.60 0.00	41.97 0.61 0.00	53.22 0.40 0.00	52.98 0.37 0.00	50.61 0.48 0.00	48.45 0.64 0.00	47.66 0.38 0.00	49.26 0.30 0.00	61.46 0.10 0.00	62.29 0.14 0.00	61.09 0.47 0.00	60.16 0.74 0.00	59.92 0.79 0.00	60.92 1.12 0.00	54.35 1.07 0.00	65.26 0.77 0.00	72.34 0.58 0.00	59.72 0.03 0.00	54.46 -0.48 0.00	57.46 -0.59 0.00
REPUBLIC_115KV_BARTNBRK 55605	46.71 3.30 0.00	48.57 3.44 0.00	44.00 3.09 0.00	41.56 3.01 0.00	38.64 2.88 0.00	44.89 3.52 0.00	57.16 4.34 0.00	57.39 4.78 0.00	55.05 4.92 0.00	52.45 4.64 0.00	51.01 3.73 0.00	52.88 3.91 0.00	66.14 4.79 0.00	67.08 4.93 0.00	65.90 5.28 0.00	64.71 5.28 0.00	64.25 5.12 0.00	66.61 6.81 0.00	59.80 6.52 0.00	72.27 7.79 0.00	82.78 11.02 0.00	68.97 9.28 0.00	62.64 7.69 0.00	65.53 7.47 0.00
REVERE_CPPR_DRP 24186	45.46 2.05 0.00	47.10 1.97 0.00	42.63 1.71 0.00	40.14 1.59 0.00	37.29 1.53 0.00	43.20 1.83 0.00	55.17 2.35 0.00	55.02 2.42 0.00	52.23 2.10 0.00	49.73 1.92 0.00	49.07 1.79 0.00	50.75 1.79 0.00	63.45 2.09 0.00	64.46 2.31 0.00	63.09 2.47 0.00	61.97 2.55 0.00	61.79 2.66 0.00	62.65 2.85 0.00	56.40 3.12 0.00	68.58 4.10 0.00	76.41 4.65 0.00	63.50 3.82 0.00	58.13 3.18 0.00	61.03 2.99 0.00
REYNLDPA_13_KV_LD 356490	43.54 0.13 0.00	45.34 0.20 0.00	40.93 0.02 0.00	38.56 0.00 0.00	35.74 -0.01 0.00	41.44 0.08 0.00	53.37 0.56 0.00	53.09 0.48 0.00	50.45 0.32 0.00	47.83 0.02 0.00	47.52 0.24 0.00	49.24 0.28 0.00	61.90 0.54 0.00	62.57 0.42 0.00	60.73 0.11 0.00	59.17 -0.26 0.00	58.68 -0.46 0.00	58.89 -0.91 0.00	51.92 -1.36 0.00	63.25 -1.23 0.00	70.84 -0.92 0.00	59.32 -0.37 0.00	55.72 0.78 0.00	58.97 0.92 0.00
REYNOLDS_115KV_TB3 80639	44.14 0.73 0.00	46.04 0.91 0.00	41.94 1.03 0.00	39.49 0.93 0.00	36.62 0.87 0.00	42.31 0.94 0.00	53.64 0.82 0.00	53.39 0.78 0.00	51.03 0.90 0.00	48.84 1.03 0.00	48.01 0.74 0.00	49.68 0.72 0.00	62.05 0.70 0.00	62.91 0.76 0.00	61.71 1.09 0.00	60.73 1.31 0.00	60.44 1.31 0.00	61.48 1.68 0.00	54.85 1.56 0.00	65.83 1.35 0.00	72.99 1.23 0.00	60.24 0.55 0.00	54.95 0.00 0.00	57.98 -0.07 0.00
RIVERBAY____ 323610	47.38 3.97 0.00	49.35 4.22 0.00	44.99 4.07 0.00	42.25 3.69 0.00	39.18 3.43 0.00	45.22 3.85 0.00	57.46 4.64 0.00	57.44 4.83 0.00	55.08 4.95 0.00	53.01 5.20 0.00	52.42 5.14 0.00	54.23 5.27 0.00	67.42 6.07 0.00	68.49 6.34 0.00	67.31 6.69 0.00	66.72 7.30 0.00	66.66 7.52 0.00	67.77 7.97 0.00	60.19 6.91 0.00	71.69 7.20 -0.01	78.75 6.98 -0.01	64.84 5.15 -0.01	58.83 3.87 -0.01	62.45 4.40 -0.01
RIVERSDE_115KV_TB3 55908	44.03 0.63 0.00	45.92 0.78 0.00	41.83 0.92 0.00	39.41 0.85 0.00	36.55 0.79 0.00	42.22 0.85 0.00	53.53 0.71 0.00	53.29 0.68 0.00	50.93 0.80 0.00	48.78 0.96 0.00	48.00 0.72 0.00	49.67 0.70 0.00	61.97 0.61 0.00	62.82 0.67 0.00	61.61 0.99 0.00	60.65 1.23 0.00	60.39 1.26 0.00	61.43 1.63 0.00	54.79 1.51 0.00	65.78 1.29 0.00	72.91 1.14 0.00	60.18 0.49 0.00	54.88 -0.07 0.00	57.91 -0.14 0.00
ROARING___BROOK_WT_PWR 323790	43.36 -0.05 0.00	45.12 -0.02 0.00	40.87 -0.04 0.00	38.52 -0.04 0.00	35.72 -0.04 0.00	41.33 -0.04 0.00	52.86 0.04 0.00	52.61 0.00 0.00	50.08 -0.04 0.00	47.72 -0.10 0.00	47.19 -0.09 0.00	48.91 -0.06 0.00	61.32 -0.04 0.00	62.09 -0.06 0.00	60.49 -0.13 0.00	59.24 -0.18 0.00	58.94 -0.19 0.00	59.52 -0.28 0.00	53.01 -0.27 0.00	64.27 -0.21 0.00	71.62 -0.14 0.00	59.63 -0.05 0.00	55.01 0.06 0.00	58.11 0.06 0.00

ROCHESRG_115KV_T4 355643	43.33 -0.08 0.00	44.86 -0.27 0.00	40.44 -0.47 0.00	38.06 -0.50 0.00	35.40 -0.36 0.00	41.01 -0.36 0.00	52.43 -0.39 0.00	51.78 -0.82 0.00	49.22 -0.90 0.00	47.14 -0.68 0.00	47.00 -0.28 0.00	48.81 -0.15 0.00	62.02 0.66 0.00	62.56 0.41 0.00	60.87 0.25 0.00	59.79 0.37 0.00	59.92 0.79 0.00	60.97 1.17 0.00	54.38 1.10 0.00	65.63 1.15 0.00	72.72 0.96 0.00	60.78 1.09 0.00	55.79 0.84 0.00	58.80 0.75 0.00
ROCHESTER_9_IC 23652	43.63 0.22 0.00	45.16 0.03 0.00	40.70 -0.21 0.00	38.30 -0.25 0.00	35.62 -0.13 0.00	41.28 -0.09 0.00	52.80 -0.02 0.00	52.16 -0.45 0.00	49.61 -0.52 0.00	47.50 -0.31 0.00	47.40 0.12 0.00	49.26 0.30 0.00	62.62 1.26 0.00	63.19 1.04 0.00	61.47 0.84 0.00	60.37 0.95 0.00	60.53 1.40 0.00	61.58 1.78 0.00	54.93 1.65 0.00	66.28 1.79 0.00	73.41 1.65 0.00	61.35 1.66 0.00	56.26 1.31 0.00	59.25 1.20 0.00
ROCKVIEW_13_KV_LD 356306	45.76 2.35 0.00	47.60 2.47 0.00	43.32 2.41 0.00	40.65 2.10 0.00	37.68 1.92 0.00	43.49 2.13 0.00	55.12 2.31 0.00	55.10 2.50 0.00	52.85 2.72 0.00	50.91 3.10 0.00	50.42 3.14 0.00	52.28 3.32 0.00	65.15 3.79 0.00	66.18 4.03 0.00	65.06 4.45 0.00	64.46 5.04 0.00	64.68 5.55 0.00	65.87 6.07 0.00	58.37 5.09 0.00	69.64 5.15 0.00	76.55 4.79 0.00	62.97 3.28 0.00	57.02 2.08 0.00	60.44 2.39 0.00
ROME____115KV_TB2 80656	45.46 2.05 0.00	47.10 1.97 0.00	42.63 1.71 0.00	40.14 1.59 0.00	37.29 1.53 0.00	43.20 1.83 0.00	55.17 2.35 0.00	55.02 2.42 0.00	52.23 2.10 0.00	49.73 1.92 0.00	49.07 1.79 0.00	50.75 1.79 0.00	63.45 2.09 0.00	64.46 2.31 0.00	63.09 2.47 0.00	61.97 2.55 0.00	61.79 2.66 0.00	62.65 2.85 0.00	56.40 3.12 0.00	68.58 4.10 0.00	76.41 4.65 0.00	63.50 3.82 0.00	58.13 3.18 0.00	61.03 2.99 0.00
ROSETON____1 23587	44.94 1.53 0.00	46.76 1.63 0.00	42.57 1.66 0.00	40.00 1.44 0.00	37.06 1.31 0.00	42.79 1.42 0.00	54.23 1.41 0.00	54.15 1.55 0.00	51.87 1.75 0.00	49.85 2.03 0.00	49.28 2.00 0.00	51.08 2.12 0.00	63.68 2.32 0.00	64.68 2.53 0.00	63.50 2.88 0.00	62.81 3.39 0.00	62.93 3.79 0.00	64.05 4.25 0.00	56.88 3.60 0.00	68.00 3.51 0.00	74.90 3.14 0.00	61.59 1.90 0.00	55.96 1.01 0.00	59.29 1.24 0.00
ROSETON____2 23588	44.94 1.53 0.00	46.76 1.63 0.00	42.57 1.66 0.00	40.00 1.44 0.00	37.06 1.31 0.00	42.79 1.42 0.00	54.23 1.41 0.00	54.15 1.55 0.00	51.87 1.75 0.00	49.85 2.03 0.00	49.28 2.00 0.00	51.08 2.12 0.00	63.68 2.32 0.00	64.68 2.53 0.00	63.50 2.88 0.00	62.81 3.39 0.00	62.93 3.79 0.00	64.05 4.25 0.00	56.88 3.60 0.00	68.00 3.51 0.00	74.90 3.14 0.00	61.59 1.90 0.00	55.96 1.01 0.00	59.29 1.24 0.00
ROTRRDAM_115KV_TB3 80664	44.62 1.21 0.00	46.43 1.29 0.00	42.21 1.30 0.00	39.79 1.23 0.00	36.90 1.15 0.00	42.63 1.26 0.00	54.13 1.31 0.00	53.85 1.25 0.00	51.32 1.20 0.00	49.07 1.26 0.00	48.30 1.03 0.00	50.07 1.11 0.00	62.61 1.25 0.00	63.48 1.33 0.00	62.17 1.55 0.00	61.20 1.77 0.00	61.07 1.93 0.00	62.14 2.34 0.00	55.55 2.27 0.00	66.92 2.44 0.00	74.36 2.60 0.00	61.52 1.83 0.00	56.22 1.27 0.00	59.33 1.28 0.00
RUSSELL____1 23602	43.92 0.51 0.00	45.44 0.31 0.00	40.95 0.04 0.00	38.52 -0.03 0.00	35.83 0.07 0.00	41.52 0.16 0.00	53.12 0.30 0.00	52.49 -0.12 0.00	49.95 -0.18 0.00	47.85 0.04 0.00	47.76 0.48 0.00	49.67 0.70 0.00	63.17 1.81 0.00	63.77 1.62 0.00	62.02 1.40 0.00	60.91 1.49 0.00	61.10 1.97 0.00	62.17 2.36 0.00	55.45 2.17 0.00	66.91 2.42 0.00	74.07 2.31 0.00	61.87 2.18 0.00	56.71 1.77 0.00	59.69 1.63 0.00
RUSSELL____2 23532	43.92 0.51 0.00	45.44 0.31 0.00	40.95 0.04 0.00	38.52 -0.03 0.00	35.83 0.07 0.00	41.52 0.16 0.00	53.12 0.30 0.00	52.49 -0.12 0.00	49.95 -0.18 0.00	47.85 0.04 0.00	47.76 0.48 0.00	49.67 0.70 0.00	63.17 1.81 0.00	63.77 1.62 0.00	62.02 1.40 0.00	60.91 1.49 0.00	61.10 1.97 0.00	62.17 2.36 0.00	55.45 2.17 0.00	66.91 2.42 0.00	74.07 2.31 0.00	61.87 2.18 0.00	56.71 1.77 0.00	59.69 1.63 0.00
RUSSELL____3 23549	43.92 0.51 0.00	45.44 0.31 0.00	40.95 0.04 0.00	38.52 -0.03 0.00	35.83 0.07 0.00	41.52 0.16 0.00	53.12 0.30 0.00	52.49 -0.12 0.00	49.95 -0.18 0.00	47.85 0.04 0.00	47.76 0.48 0.00	49.67 0.70 0.00	63.17 1.81 0.00	63.77 1.62 0.00	62.02 1.40 0.00	60.91 1.49 0.00	61.10 1.97 0.00	62.17 2.36 0.00	55.45 2.17 0.00	66.91 2.42 0.00	74.07 2.31 0.00	61.87 2.18 0.00	56.71 1.77 0.00	59.69 1.63 0.00
RUSSELL____4 23556	43.92 0.51 0.00	45.44 0.31 0.00	40.95 0.04 0.00	38.52 -0.03 0.00	35.83 0.07 0.00	41.52 0.16 0.00	53.12 0.30 0.00	52.49 -0.12 0.00	49.95 -0.18 0.00	47.85 0.04 0.00	47.76 0.48 0.00	49.67 0.70 0.00	63.17 1.81 0.00	63.77 1.62 0.00	62.02 1.40 0.00	60.91 1.49 0.00	61.10 1.97 0.00	62.17 2.36 0.00	55.45 2.17 0.00	66.91 2.42 0.00	74.07 2.31 0.00	61.87 2.18 0.00	56.71 1.77 0.00	59.69 1.63 0.00
RUSSELL____STATION 23914	43.92 0.51 0.00	45.44 0.31 0.00	40.95 0.04 0.00	38.52 -0.03 0.00	35.83 0.07 0.00	41.52 0.16 0.00	53.12 0.30 0.00	52.49 -0.12 0.00	49.95 -0.18 0.00	47.85 0.04 0.00	47.76 0.48 0.00	49.67 0.70 0.00	63.17 1.81 0.00	63.77 1.62 0.00	62.02 1.40 0.00	60.91 1.49 0.00	61.10 1.97 0.00	62.17 2.36 0.00	55.45 2.17 0.00	66.91 2.42 0.00	74.07 2.31 0.00	61.87 2.18 0.00	56.71 1.77 0.00	59.69 1.63 0.00
S SALMON____HYD 24043	43.78 0.37 0.00	45.40 0.27 0.00	41.09 0.18 0.00	38.66 0.11 0.00	35.94 0.18 0.00	41.59 0.23 0.00	53.02 0.20 0.00	52.78 0.17 0.00	50.07 -0.06 0.00	47.52 -0.30 0.00	46.94 -0.34 0.00	48.40 -0.57 0.00	60.52 -0.84 0.00	61.16 -0.98 0.00	59.58 -1.04 0.00	58.47 -0.95 0.00	58.25 -0.88 0.00	59.19 -0.61 0.00	53.09 -0.19 0.00	64.67 0.18 0.00	72.45 0.69 0.00	60.54 0.85 0.00	55.77 0.82 0.00	58.67 0.62 0.00
S.PERRY__115KV_TB1 80734	45.43 2.02 0.00	46.85 1.72 0.00	42.14 1.23 0.00	39.63 1.07 0.00	36.99 1.23 0.00	42.90 1.54 0.00	54.96 2.14 0.00	54.27 1.67 0.00	51.14 1.02 0.00	48.72 0.91 0.00	48.44 1.16 0.00	50.15 1.18 0.00	63.91 2.56 0.00	64.58 2.42 0.00	62.88 2.25 0.00	61.59 2.17 0.00	61.83 2.70 0.00	63.51 3.71 0.00	57.16 3.88 0.00	68.98 4.50 0.00	76.91 5.15 0.00	64.43 4.74 0.00	58.78 3.83 0.00	61.76 3.71 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	42.82 -0.59 0.00	44.29 -0.84 0.00	39.79 -1.13 0.00	37.46 -1.10 0.00	34.92 -0.83 0.00	40.46 -0.91 0.00	51.78 -1.03 0.00	50.72 -1.89 0.00	48.06 -2.06 0.00	46.16 -1.66 0.00	46.32 -0.96 0.00	48.19 -0.78 0.00	61.54 0.18 0.00	61.75 -0.40 0.00	60.12 -0.50 0.00	59.05 -0.38 0.00	59.37 0.24 0.00	60.52 0.72 0.00	53.98 0.69 0.00	65.18 0.70 0.00	71.94 0.18 0.00	60.41 0.73 0.00	55.56 0.62 0.00	58.79 0.74 0.00

SAWYER___23_KV_LOAD 55526	42.82 -0.59 0.00	44.29 -0.84 0.00	39.79 -1.13 0.00	37.46 -1.10 0.00	34.92 -0.83 0.00	40.46 -0.91 0.00	51.78 -1.03 0.00	50.72 -1.89 0.00	48.06 -2.06 0.00	46.16 -1.66 0.00	46.32 -0.96 0.00	48.19 -0.78 0.00	61.54 0.18 0.00	61.75 -0.40 0.00	60.12 -0.50 0.00	59.05 -0.38 0.00	59.37 0.24 0.00	60.52 0.72 0.00	53.98 0.69 0.00	65.18 0.70 0.00	71.94 0.18 0.00	60.41 0.73 0.00	55.56 0.62 0.00	58.79 0.74 0.00
SELKIRK___I 23801	43.49 0.08 0.00	45.95 0.82 0.00	41.91 1.00 0.00	39.54 0.99 0.00	36.65 0.90 0.00	42.33 0.96 0.00	53.66 0.84 0.00	53.32 0.71 0.00	50.80 0.67 0.00	48.66 0.84 0.00	47.85 0.57 0.00	49.28 0.31 0.00	61.41 0.06 0.00	61.34 -0.81 0.00	60.17 -0.45 0.00	59.18 -0.24 0.00	58.93 -0.20 0.00	59.90 0.10 0.00	53.52 0.24 0.00	64.38 -0.10 0.00	71.45 -0.32 0.00	59.06 -0.63 0.00	53.93 -1.02 0.00	56.89 -1.17 0.00
SELKIRK___II 23799	43.70 0.29 0.00	45.72 0.59 0.00	41.73 0.82 0.00	39.35 0.79 0.00	36.48 0.73 0.00	42.12 0.75 0.00	53.40 0.58 0.00	53.16 0.55 0.00	50.77 0.64 0.00	48.59 0.78 0.00	47.78 0.50 0.00	49.23 0.26 0.00	61.31 -0.05 0.00	62.06 -0.09 0.00	60.85 0.23 0.00	59.89 0.46 0.00	59.70 0.57 0.00	60.65 0.85 0.00	54.07 0.79 0.00	64.98 0.50 0.00	72.02 0.26 0.00	59.49 -0.20 0.00	54.30 -0.65 0.00	57.32 -0.74 0.00
SENECA OSWGO___HYD 24041	42.87 -0.54 0.00	44.46 -0.67 0.00	40.29 -0.62 0.00	37.95 -0.61 0.00	35.26 -0.50 0.00	40.75 -0.62 0.00	51.84 -0.98 0.00	51.62 -0.98 0.00	49.12 -1.00 0.00	46.84 -0.97 0.00	46.27 -1.01 0.00	47.84 -1.13 0.00	59.88 -1.48 0.00	60.66 -1.49 0.00	59.14 -1.48 0.00	58.09 -1.34 0.00	57.93 -1.20 0.00	58.85 -0.95 0.00	52.60 -0.68 0.00	63.61 -0.88 0.00	70.67 -1.09 0.00	58.95 -0.74 0.00	54.16 -0.79 0.00	57.13 -0.93 0.00
SENECA___115KV_TB3 355854	43.25 -0.16 0.00	44.69 -0.44 0.00	40.15 -0.76 0.00	37.79 -0.77 0.00	35.27 -0.49 0.00	40.86 -0.51 0.00	52.27 -0.55 0.00	51.29 -1.32 0.00	48.60 -1.53 0.00	46.68 -1.13 0.00	46.84 -0.44 0.00	48.74 -0.23 0.00	62.18 0.82 0.00	62.44 0.29 0.00	60.87 0.25 0.00	59.80 0.37 0.00	60.13 1.00 0.00	61.35 1.55 0.00	54.72 1.44 0.00	66.12 1.63 0.00	72.86 1.10 0.00	61.12 1.43 0.00	56.14 1.19 0.00	59.37 1.32 0.00
SENECA___ENERGY 23797	43.70 0.28 0.00	45.30 0.16 0.00	40.95 0.04 0.00	38.53 -0.03 0.00	35.80 0.05 0.00	41.47 0.10 0.00	52.79 -0.03 0.00	52.52 -0.09 0.00	49.99 -0.14 0.00	47.69 -0.12 0.00	47.18 -0.10 0.00	48.78 -0.18 0.00	61.48 0.12 0.00	62.26 0.11 0.00	60.73 0.11 0.00	59.56 0.14 0.00	59.41 0.28 0.00	60.64 0.84 0.00	54.21 0.93 0.00	65.54 1.05 0.00	72.55 0.79 0.00	60.38 0.69 0.00	55.28 0.34 0.00	58.26 0.21 0.00
SHOEMAKER___GT 23640	44.98 1.57 0.00	46.76 1.63 0.00	42.54 1.63 0.00	39.97 1.41 0.00	37.05 1.30 0.00	42.77 1.41 0.00	54.27 1.45 0.00	54.16 1.55 0.00	51.78 1.66 0.00	49.67 1.86 0.00	49.11 1.83 0.00	50.89 1.93 0.00	63.63 2.28 0.00	64.65 2.50 0.00	63.48 2.85 0.00	62.64 3.22 0.00	62.73 3.60 0.00	63.90 4.10 0.00	56.87 3.59 0.00	68.09 3.61 0.00	75.12 3.36 0.00	61.84 2.15 0.00	56.22 1.27 0.00	59.48 1.43 0.00
SHOEMAKR_138KV_BK 111 55601	44.94 1.53 0.00	46.73 1.60 0.00	42.50 1.59 0.00	39.94 1.39 0.00	37.03 1.27 0.00	42.75 1.38 0.00	54.23 1.41 0.00	54.11 1.51 0.00	51.76 1.64 0.00	49.67 1.86 0.00	49.13 1.86 0.00	50.94 1.97 0.00	63.65 2.30 0.00	64.66 2.51 0.00	63.47 2.85 0.00	62.65 3.23 0.00	62.75 3.62 0.00	63.90 4.10 0.00	56.84 3.56 0.00	68.04 3.56 0.00	75.03 3.27 0.00	61.78 2.09 0.00	56.16 1.21 0.00	59.44 1.39 0.00
SHOREHAM_IC_1 23715	45.84 2.43 0.00	48.02 2.89 0.00	43.74 2.83 0.00	40.92 2.37 0.00	37.73 1.97 0.00	43.36 2.00 0.00	54.63 1.81 0.00	54.32 1.71 0.00	50.74 1.93 1.31	48.63 2.64 1.82	50.31 3.03 0.00	306.23 3.44 -253.82	194.35 3.72 -129.28	164.70 3.96 -98.59	259.84 4.74 -194.48	300.75 5.69 -235.64	272.50 6.34 -207.02	284.28 7.03 -217.45	307.75 6.10 -248.37	279.13 6.23 -208.41	217.38 5.43 -140.19	59.55 3.34 3.48	52.13 1.79 4.61	38.69 1.83 21.19
SHOREHAM_IC_2 23716	45.84 2.44 0.00	48.02 2.89 0.00	43.74 2.83 0.00	40.92 2.37 0.00	37.73 1.97 0.00	43.36 2.00 0.00	54.63 1.82 0.00	54.32 1.71 0.00	50.75 1.94 1.31	48.65 2.65 1.82	50.31 3.03 0.00	306.23 3.45 -253.82	194.34 3.71 -129.28	164.72 3.98 -98.59	259.85 4.75 -194.48	300.75 5.68 -235.64	272.50 6.34 -207.02	284.27 7.02 -217.45	307.75 6.10 -248.37	279.13 6.23 -208.41	217.38 5.43 -140.19	59.59 3.38 3.48	52.12 1.78 4.61	38.70 1.84 21.19
SISSONVILLE____ 23735	43.81 0.40 0.00	45.58 0.45 0.00	41.09 0.18 0.00	38.69 0.13 0.00	35.97 0.22 0.00	41.75 0.39 0.00	53.90 1.08 0.00	53.61 1.01 0.00	50.77 0.64 0.00	47.77 -0.05 0.00	47.12 -0.16 0.00	49.10 0.14 0.00	61.54 0.18 0.00	62.15 0.00 0.00	60.14 -0.49 0.00	58.23 -1.19 0.00	57.54 -1.60 0.00	57.53 -2.27 0.00	51.41 -1.88 0.00	63.25 -1.24 0.00	71.20 -0.56 0.00	60.07 0.39 0.00	56.40 1.45 0.00	59.71 1.66 0.00
SITHE_IND_GS1 24169	42.31 -1.10 0.00	43.91 -1.22 0.00	39.79 -1.12 0.00	37.49 -1.07 0.00	34.80 -0.96 0.00	40.24 -1.13 0.00	51.21 -1.61 0.00	51.00 -1.60 0.00	48.54 -1.59 0.00	46.30 -1.51 0.00	45.75 -1.53 0.00	47.32 -1.65 0.00	59.31 -2.05 0.00	60.10 -2.05 0.00	58.52 -2.10 0.00	57.43 -1.99 0.00	57.25 -1.88 0.00	58.08 -1.72 0.00	51.89 -1.39 0.00	62.68 -1.80 0.00	69.65 -2.11 0.00	58.06 -1.63 0.00	53.39 -1.56 0.00	56.37 -1.68 0.00
SITHE_IND_GS2 24170	42.31 -1.10 0.00	43.91 -1.22 0.00	39.79 -1.12 0.00	37.49 -1.07 0.00	34.80 -0.96 0.00	40.24 -1.13 0.00	51.21 -1.61 0.00	51.00 -1.60 0.00	48.54 -1.59 0.00	46.30 -1.51 0.00	45.75 -1.53 0.00	47.32 -1.65 0.00	59.31 -2.05 0.00	60.10 -2.05 0.00	58.52 -2.10 0.00	57.43 -1.99 0.00	57.25 -1.88 0.00	58.08 -1.72 0.00	51.89 -1.39 0.00	62.68 -1.80 0.00	69.65 -2.11 0.00	58.06 -1.63 0.00	53.39 -1.56 0.00	56.37 -1.68 0.00
SITHE_IND_GS3 24171	42.31 -1.10 0.00	43.91 -1.22 0.00	39.79 -1.12 0.00	37.49 -1.07 0.00	34.80 -0.96 0.00	40.24 -1.13 0.00	51.21 -1.61 0.00	51.00 -1.60 0.00	48.54 -1.59 0.00	46.30 -1.51 0.00	45.75 -1.53 0.00	47.32 -1.65 0.00	59.31 -2.05 0.00	60.10 -2.05 0.00	58.52 -2.10 0.00	57.43 -1.99 0.00	57.25 -1.88 0.00	58.08 -1.72 0.00	51.89 -1.39 0.00	62.68 -1.80 0.00	69.65 -2.11 0.00	58.06 -1.63 0.00	53.39 -1.56 0.00	56.37 -1.68 0.00
SITHE_IND_GS4 24172	42.31 -1.10 0.00	43.91 -1.22 0.00	39.79 -1.12 0.00	37.49 -1.07 0.00	34.80 -0.96 0.00	40.24 -1.13 0.00	51.21 -1.61 0.00	51.00 -1.60 0.00	48.54 -1.59 0.00	46.30 -1.51 0.00	45.75 -1.53 0.00	47.32 -1.65 0.00	59.31 -2.05 0.00	60.10 -2.05 0.00	58.52 -2.10 0.00	57.43 -1.99 0.00	57.25 -1.88 0.00	58.08 -1.72 0.00	51.89 -1.39 0.00	62.68 -1.80 0.00	69.65 -2.11 0.00	58.06 -1.63 0.00	53.39 -1.56 0.00	56.37 -1.68 0.00

SITHE___BATAVIA 24024	44.14 0.73 0.00	45.58 0.45 0.00	40.93 0.02 0.00	38.51 -0.04 0.00	35.88 0.13 0.00	41.67 0.30 0.00	53.36 0.54 0.00	52.34 -0.27 0.00	49.48 -0.65 0.00	47.35 -0.47 0.00	47.32 0.04 0.00	49.28 0.31 0.00	63.04 1.68 0.00	63.52 1.37 0.00	61.70 1.08 0.00	60.69 1.26 0.00	61.08 1.95 0.00	62.35 2.55 0.00	55.72 2.44 0.00	67.17 2.69 0.00	74.57 2.82 0.00	62.60 2.91 0.00	57.41 2.46 0.00	60.58 2.53 0.00
SITHE___INDEPEND 23800	42.31 -1.10 0.00	43.91 -1.22 0.00	39.79 -1.12 0.00	37.49 -1.07 0.00	34.79 -0.96 0.00	40.24 -1.13 0.00	51.21 -1.61 0.00	51.00 -1.60 0.00	48.53 -1.59 0.00	46.30 -1.51 0.00	45.75 -1.53 0.00	47.32 -1.65 0.00	59.31 -2.05 0.00	60.10 -2.05 0.00	58.52 -2.10 0.00	57.43 -1.99 0.00	57.25 -1.88 0.00	58.08 -1.72 0.00	51.89 -1.39 0.00	62.68 -1.80 0.00	69.65 -2.11 0.00	58.06 -1.63 0.00	53.39 -1.55 0.00	56.37 -1.68 0.00
SITHE___MASSENA 23902	43.57 0.16 0.00	45.36 0.23 0.00	40.93 0.02 0.00	38.56 0.00 0.00	35.76 0.01 0.00	41.48 0.11 0.00	53.46 0.64 0.00	53.21 0.60 0.00	50.53 0.40 0.00	47.78 -0.03 0.00	47.05 -0.23 0.00	49.18 0.22 0.00	61.88 0.53 0.00	62.52 0.38 0.00	60.59 -0.03 0.00	58.98 -0.44 0.00	58.43 -0.70 0.00	58.59 -1.21 0.00	52.14 -1.14 0.00	63.77 -0.72 0.00	71.45 -0.32 0.00	59.96 0.27 0.00	55.89 0.94 0.00	59.09 1.04 0.00
SITHE___OGDNSBRG 24021	44.50 1.09 0.00	46.29 1.16 0.00	41.70 0.79 0.00	39.26 0.71 0.00	36.45 0.70 0.00	42.33 0.96 0.00	54.67 1.85 0.00	54.23 1.62 0.00	51.26 1.14 0.00	48.06 0.24 0.00	47.43 0.15 0.00	49.49 0.53 0.00	62.26 0.91 0.00	62.87 0.72 0.00	60.88 0.25 0.00	59.08 -0.34 0.00	58.48 -0.65 0.00	58.52 -1.28 0.00	52.46 -0.82 0.00	64.97 0.49 0.00	73.00 1.24 0.00	61.49 1.80 0.00	57.47 2.52 0.00	60.68 2.62 0.00
SITHE___STERLING 23777	44.92 1.51 0.00	46.57 1.44 0.00	42.17 1.26 0.00	39.71 1.16 0.00	36.89 1.13 0.00	42.70 1.34 0.00	54.50 1.68 0.00	54.30 1.69 0.00	51.64 1.52 0.00	49.24 1.42 0.00	48.58 1.30 0.00	50.21 1.24 0.00	62.83 1.48 0.00	63.83 1.68 0.00	62.47 1.85 0.00	61.36 1.93 0.00	61.21 2.08 0.00	62.06 2.26 0.00	55.70 2.41 0.00	67.64 3.15 0.00	75.26 3.50 0.00	62.52 2.83 0.00	57.20 2.25 0.00	60.17 2.12 0.00
SLEIGHT__34_KV_TB1 80719	43.43 0.02 0.00	44.98 -0.16 0.00	40.59 -0.32 0.00	38.20 -0.35 0.00	35.56 -0.20 0.00	41.17 -0.20 0.00	52.62 -0.20 0.00	52.14 -0.47 0.00	49.54 -0.58 0.00	47.36 -0.46 0.00	47.03 -0.24 0.00	48.75 -0.22 0.00	61.70 0.34 0.00	62.44 0.29 0.00	60.83 0.21 0.00	59.75 0.32 0.00	59.81 0.67 0.00	60.92 1.12 0.00	54.45 1.17 0.00	65.78 1.30 0.00	72.90 1.15 0.00	60.81 1.12 0.00	55.71 0.76 0.00	58.64 0.59 0.00
SMITHTWN_69_KV_BK 1 55830	46.00 2.59 0.00	48.19 3.06 0.00	43.90 2.99 0.00	41.07 2.52 0.00	37.91 2.15 0.00	43.62 2.26 0.00	54.94 2.12 0.00	54.66 2.05 0.00	49.84 2.22 2.51	47.20 2.88 3.49	50.52 3.24 0.00	367.41 3.66 -314.78	263.70 4.17 -198.18	236.15 4.34 -169.66	371.80 5.08 -306.10	430.38 5.90 -365.05	326.17 6.51 -260.52	289.01 7.30 -221.91	368.48 6.32 -308.88	372.52 6.30 -301.74	295.69 5.57 -218.36	60.57 3.58 2.69	52.50 2.02 4.47	39.33 2.19 20.91
SOUTH CAIRO___GT 23612	45.43 2.02 0.00	47.39 2.26 0.00	43.15 2.24 0.00	40.68 2.13 0.00	37.70 1.95 0.00	43.59 2.23 0.00	55.35 2.53 0.00	55.09 2.48 0.00	52.39 2.26 0.00	49.88 2.07 0.00	48.86 1.58 0.00	50.33 1.37 0.00	63.06 1.70 0.00	63.93 1.79 0.00	62.99 2.37 0.00	62.02 2.59 0.00	61.93 2.79 0.00	63.28 3.48 0.00	56.79 3.51 0.00	68.56 4.08 0.00	76.05 4.29 0.00	62.79 3.11 0.00	57.10 2.15 0.00	59.86 1.80 0.00
SOUTH HAMPTN___IC 23720	46.75 3.34 0.00	49.03 3.89 0.00	44.67 3.75 0.00	41.77 3.21 0.00	38.43 2.68 0.00	44.11 2.74 0.00	55.56 2.74 0.00	55.15 2.54 0.00	51.75 2.83 1.20	49.81 3.65 1.66	51.50 4.22 0.00	305.24 4.77 -251.50	190.81 5.37 -124.08	160.59 5.64 -92.80	253.01 6.47 -185.92	292.55 7.36 -225.76	270.60 8.07 -203.41	285.75 8.84 -217.10	304.66 7.70 -243.67	273.74 8.01 -201.24	213.19 7.25 -134.18	61.08 4.97 3.58	53.47 3.18 4.66	40.00 3.23 21.28
SOUTHDOW_115KV_TB1 355954	44.77 1.36 0.00	46.16 1.02 0.00	41.46 0.54 0.00	38.93 0.37 0.00	36.34 0.58 0.00	42.11 0.74 0.00	53.96 1.14 0.00	53.24 0.64 0.00	50.48 0.36 0.00	48.50 0.69 0.00	48.70 1.42 0.00	50.67 1.71 0.00	64.32 2.97 0.00	64.64 2.49 0.00	63.12 2.50 0.00	62.10 2.68 0.00	62.50 3.37 0.00	64.01 4.21 0.00	56.95 3.67 0.00	68.75 4.27 0.00	75.42 3.66 0.00	63.12 3.44 0.00	57.73 2.79 0.00	61.12 3.07 0.00
SOUTHOLD_69_KV_BK 2 55809	47.67 4.26 0.00	50.16 5.02 0.00	45.74 4.83 0.00	42.74 4.18 0.00	39.19 3.44 0.00	44.83 3.47 0.00	56.43 3.61 0.00	55.81 3.20 0.00	52.50 3.57 1.20	50.75 4.60 1.66	52.72 5.44 0.00	306.25 5.86 -251.42	191.50 5.99 -124.15	161.35 6.31 -92.89	253.91 7.25 -186.03	293.47 8.16 -225.89	271.50 8.94 -203.43	286.76 9.85 -217.11	305.67 8.66 -243.73	274.79 8.97 -201.34	214.25 8.23 -134.26	63.01 6.89 3.57	55.09 4.80 4.66	41.63 4.86 21.28
SOUTHOLD___IC 23719	47.67 4.27 0.00	50.16 5.02 0.00	45.74 4.83 0.00	42.74 4.18 0.00	39.19 3.44 0.00	44.83 3.47 0.00	56.43 3.61 0.00	55.80 3.20 0.00	52.48 3.55 1.20	50.74 4.59 1.66	52.72 5.44 0.00	306.25 5.86 -251.42	191.49 5.99 -124.15	161.34 6.30 -92.89	253.90 7.25 -186.03	293.48 8.17 -225.89	271.50 8.93 -203.43	286.77 9.86 -217.11	305.67 8.66 -243.73	274.80 8.97 -201.34	214.25 8.23 -134.26	62.98 6.86 3.57	55.09 4.80 4.66	41.63 4.86 21.28
SOUTH_FORK_WT_PWR 323839	47.66 4.25 0.00	50.30 5.17 0.00	45.95 5.04 0.00	42.92 4.36 0.00	39.25 3.50 0.00	44.80 3.44 0.00	56.31 3.50 0.00	55.48 2.88 0.00	52.22 3.29 1.20	50.63 4.48 1.66	52.80 5.52 0.00	306.62 6.19 -251.46	192.24 6.77 -124.11	162.01 7.02 -92.84	254.60 8.01 -185.97	294.08 8.84 -225.82	272.18 9.63 -203.42	287.53 10.63 -217.11	306.36 9.38 -243.70	275.59 9.82 -201.29	215.03 9.05 -134.22	63.10 6.99 3.58	55.20 4.91 4.66	41.74 4.97 21.28
SPIERFLS_115KV_TB 1 80737	46.02 2.61 0.00	47.94 2.81 0.00	43.51 2.60 0.00	41.02 2.47 0.00	38.07 2.31 0.00	44.08 2.71 0.00	56.04 3.22 0.00	55.85 3.24 0.00	53.35 3.23 0.00	51.02 3.21 0.00	49.74 2.46 0.00	51.56 2.60 0.00	64.46 3.11 0.00	65.32 3.17 0.00	64.12 3.50 0.00	63.19 3.76 0.00	63.08 3.95 0.00	64.66 4.86 0.00	58.17 4.88 0.00	70.04 5.56 0.00	78.55 6.79 0.00	64.88 5.19 0.00	59.10 4.15 0.00	62.12 4.06 0.00
ST LAWRENCE____ 23600	43.06 -0.35 0.00	44.83 -0.30 0.00	40.48 -0.43 0.00	38.14 -0.41 0.00	35.35 -0.41 0.00	40.99 -0.38 0.00	52.77 -0.04 0.00	52.50 -0.11 0.00	49.88 -0.24 0.00	47.35 -0.46 0.00	46.91 -0.37 0.00	48.68 -0.29 0.00	61.20 -0.15 0.00	61.88 -0.27 0.00	60.08 -0.54 0.00	58.56 -0.86 0.00	58.04 -1.09 0.00	58.29 -1.51 0.00	51.80 -1.48 0.00	63.19 -1.29 0.00	70.76 -1.01 0.00	59.20 -0.48 0.00	55.09 0.14 0.00	58.26 0.21 0.00

STATE_CA_115KV_115_LB 55624	44.14 0.73 0.00	46.00 0.86 0.00	41.91 1.00 0.00	39.50 0.95 0.00	36.63 0.88 0.00	42.30 0.94 0.00	53.65 0.83 0.00	53.42 0.82 0.00	51.07 0.94 0.00	48.91 1.10 0.00	48.15 0.87 0.00	49.81 0.84 0.00	62.20 0.84 0.00	63.03 0.88 0.00	61.85 1.23 0.00	60.91 1.49 0.00	60.69 1.56 0.00	61.73 1.93 0.00	55.05 1.77 0.00	66.07 1.59 0.00	73.23 1.47 0.00	60.45 0.76 0.00	55.10 0.15 0.00	58.12 0.07 0.00
STATE_ST_34_KV_LOAD 55959	44.00 0.59 0.00	45.63 0.50 0.00	41.32 0.40 0.00	38.92 0.36 0.00	36.06 0.31 0.00	41.78 0.41 0.00	53.25 0.44 0.00	53.03 0.42 0.00	50.23 0.11 0.00	47.89 0.08 0.00	47.32 0.04 0.00	48.84 -0.13 0.00	61.45 0.09 0.00	62.29 0.14 0.00	60.82 0.20 0.00	59.69 0.27 0.00	59.52 0.38 0.00	60.60 0.79 0.00	54.34 1.06 0.00	65.82 1.33 0.00	73.18 1.42 0.00	60.76 1.07 0.00	55.64 0.69 0.00	58.80 0.75 0.00
STATION_5_MISC_HYD 23604	43.63 0.22 0.00	45.16 0.03 0.00	40.70 -0.21 0.00	38.30 -0.25 0.00	35.62 -0.13 0.00	41.28 -0.09 0.00	52.80 -0.02 0.00	52.16 -0.45 0.00	49.60 -0.52 0.00	47.50 -0.31 0.00	47.40 0.12 0.00	49.26 0.30 0.00	62.61 1.26 0.00	63.19 1.04 0.00	61.47 0.85 0.00	60.37 0.95 0.00	60.53 1.40 0.00	61.58 1.78 0.00	54.93 1.64 0.00	66.28 1.79 0.00	73.40 1.64 0.00	61.34 1.66 0.00	56.26 1.32 0.00	59.25 1.20 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.63 0.22 0.00	45.15 0.02 0.00	40.76 -0.15 0.00	38.35 -0.20 0.00	35.68 -0.07 0.00	41.32 -0.04 0.00	52.74 -0.08 0.00	52.28 -0.32 0.00	49.78 -0.35 0.00	47.58 -0.23 0.00	47.30 0.01 0.00	48.99 0.03 0.00	62.05 0.69 0.00	62.75 0.60 0.00	61.14 0.52 0.00	60.03 0.61 0.00	60.11 0.98 0.00	61.27 1.47 0.00	54.71 1.43 0.00	66.09 1.61 0.00	73.15 1.39 0.00	61.02 1.33 0.00	55.91 0.96 0.00	58.87 0.81 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.38 -0.03 0.00	44.90 -0.23 0.00	40.46 -0.45 0.00	38.09 -0.47 0.00	35.43 -0.33 0.00	41.04 -0.33 0.00	52.49 -0.33 0.00	51.88 -0.73 0.00	49.37 -0.76 0.00	47.27 -0.54 0.00	47.15 -0.13 0.00	48.98 0.02 0.00	62.23 0.88 0.00	62.85 0.70 0.00	61.14 0.52 0.00	60.05 0.62 0.00	60.19 1.06 0.00	61.23 1.43 0.00	54.62 1.34 0.00	65.89 1.41 0.00	72.98 1.22 0.00	60.95 1.26 0.00	55.90 0.95 0.00	58.86 0.81 0.00
STA_56___34_KV_BUS2 355983	43.38 -0.03 0.00	44.90 -0.23 0.00	40.46 -0.45 0.00	38.09 -0.47 0.00	35.43 -0.33 0.00	41.04 -0.33 0.00	52.49 -0.33 0.00	51.88 -0.73 0.00	49.37 -0.76 0.00	47.27 -0.54 0.00	47.15 -0.13 0.00	48.98 0.02 0.00	62.23 0.88 0.00	62.85 0.70 0.00	61.14 0.52 0.00	60.05 0.62 0.00	60.19 1.06 0.00	61.23 1.43 0.00	54.62 1.34 0.00	65.89 1.41 0.00	72.98 1.22 0.00	60.95 1.26 0.00	55.90 0.95 0.00	58.86 0.81 0.00
STA_67___115KV_BK2 355882	43.51 0.10 0.00	45.04 -0.09 0.00	40.59 -0.32 0.00	38.20 -0.35 0.00	35.54 -0.22 0.00	41.17 -0.20 0.00	52.65 -0.17 0.00	52.00 -0.60 0.00	49.45 -0.68 0.00	47.35 -0.47 0.00	47.24 -0.04 0.00	49.08 0.11 0.00	62.36 1.01 0.00	62.93 0.78 0.00	61.22 0.60 0.00	60.14 0.72 0.00	60.29 1.16 0.00	61.33 1.53 0.00	54.70 1.42 0.00	66.02 1.54 0.00	73.13 1.37 0.00	61.12 1.43 0.00	56.07 1.12 0.00	59.07 1.02 0.00
STA_7___115KV_9TRANS 80674	43.92 0.51 0.00	45.44 0.31 0.00	40.95 0.04 0.00	38.52 -0.03 0.00	35.83 0.07 0.00	41.52 0.16 0.00	53.12 0.30 0.00	52.49 -0.12 0.00	49.95 -0.18 0.00	47.85 0.04 0.00	47.76 0.48 0.00	49.67 0.70 0.00	63.17 1.81 0.00	63.77 1.62 0.00	62.02 1.40 0.00	60.91 1.49 0.00	61.10 1.97 0.00	62.17 2.36 0.00	55.45 2.17 0.00	66.91 2.42 0.00	74.07 2.31 0.00	61.87 2.18 0.00	56.71 1.77 0.00	59.69 1.63 0.00
STA_82___115KV_TB1 80780	43.52 0.12 0.00	45.05 -0.08 0.00	40.61 -0.31 0.00	38.21 -0.34 0.00	35.54 -0.22 0.00	41.18 -0.19 0.00	52.67 -0.14 0.00	52.02 -0.59 0.00	49.47 -0.66 0.00	47.36 -0.46 0.00	47.24 -0.04 0.00	49.08 0.11 0.00	62.37 1.01 0.00	62.94 0.79 0.00	61.23 0.61 0.00	60.15 0.72 0.00	60.29 1.16 0.00	61.34 1.54 0.00	54.73 1.44 0.00	66.03 1.55 0.00	73.17 1.41 0.00	61.14 1.45 0.00	56.09 1.15 0.00	59.09 1.04 0.00
STEEL___WIND 323596	43.21 -0.20 0.00	44.65 -0.49 0.00	40.11 -0.81 0.00	37.75 -0.80 0.00	35.23 -0.52 0.00	40.81 -0.56 0.00	52.21 -0.61 0.00	51.22 -1.38 0.00	48.53 -1.60 0.00	46.61 -1.20 0.00	46.76 -0.52 0.00	48.65 -0.31 0.00	62.04 0.68 0.00	62.34 0.19 0.00	60.79 0.17 0.00	59.72 0.30 0.00	60.04 0.90 0.00	61.27 1.47 0.00	54.64 1.36 0.00	66.03 1.54 0.00	72.77 1.01 0.00	61.08 1.39 0.00	56.07 1.12 0.00	59.30 1.25 0.00
STEPHTWN_115KV_BK_2 55603	44.19 0.78 0.00	46.10 0.97 0.00	41.99 1.07 0.00	39.51 0.96 0.00	36.67 0.92 0.00	42.46 1.09 0.00	53.87 1.05 0.00	53.61 1.01 0.00	51.22 1.10 0.00	49.04 1.22 0.00	48.29 1.01 0.00	49.98 1.02 0.00	62.36 1.00 0.00	63.13 0.99 0.00	61.99 1.37 0.00	61.03 1.61 0.00	60.97 1.84 0.00	62.10 2.30 0.00	55.34 2.05 0.00	66.50 2.02 0.00	73.52 1.76 0.00	60.60 0.91 0.00	55.42 0.48 0.00	58.19 0.13 0.00
STEBEN_REC_LFGE 323667	44.79 1.38 0.00	46.25 1.12 0.00	41.64 0.73 0.00	39.14 0.58 0.00	36.55 0.80 0.00	42.37 1.00 0.00	54.04 1.23 0.00	53.37 0.76 0.00	50.55 0.42 0.00	48.32 0.50 0.00	47.91 0.63 0.00	49.67 0.70 0.00	63.15 1.80 0.00	63.60 1.45 0.00	62.04 1.42 0.00	60.89 1.47 0.00	61.34 2.21 0.00	63.02 3.22 0.00	56.38 3.10 0.00	68.15 3.66 0.00	75.18 3.42 0.00	62.89 3.20 0.00	57.45 2.51 0.00	60.64 2.59 0.00
STILLWATER___SOLAR 323814	45.53 2.12 0.00	47.41 2.28 0.00	43.08 2.16 0.00	40.58 2.03 0.00	37.64 1.89 0.00	43.55 2.19 0.00	55.34 2.52 0.00	55.03 2.42 0.00	52.46 2.33 0.00	50.21 2.39 0.00	49.17 1.89 0.00	50.97 2.01 0.00	63.75 2.39 0.00	64.62 2.47 0.00	63.36 2.74 0.00	62.45 3.03 0.00	62.33 3.20 0.00	63.72 3.92 0.00	57.07 3.79 0.00	68.72 4.24 0.00	76.56 4.80 0.00	63.22 3.53 0.00	57.63 2.69 0.00	60.70 2.65 0.00
STONY___BROOK 24151	45.93 2.52 0.00	48.15 3.01 0.00	43.86 2.95 0.00	41.05 2.49 0.00	37.89 2.14 0.00	43.60 2.23 0.00	54.93 2.11 0.00	54.65 2.04 0.00	50.46 2.17 1.83	48.08 2.82 2.55	50.48 3.20 0.00	329.51 3.58 -276.96	223.33 3.99 -157.98	194.99 4.07 -128.77	306.45 4.79 -241.04	354.61 5.60 -289.58	294.22 6.22 -228.87	286.11 7.00 -219.31	332.96 6.02 -273.66	317.81 5.97 -247.36	249.82 5.25 -172.81	59.91 3.33 3.11	52.27 1.83 4.51	39.12 2.07 21.01
STURGEON_POOL_HYD 23609	45.37 1.96 0.00	47.10 1.97 0.00	42.86 1.95 0.00	40.27 1.72 0.00	37.31 1.56 0.00	43.07 1.70 0.00	54.60 1.79 0.00	54.56 1.96 0.00	52.29 2.17 0.00	50.22 2.41 0.00	49.69 2.42 0.00	51.55 2.59 0.00	64.39 3.03 0.00	65.46 3.31 0.00	64.34 3.72 0.00	63.68 4.25 0.00	63.86 4.73 0.00	64.93 5.13 0.00	57.67 4.39 0.00	68.90 4.42 0.00	75.81 4.05 0.00	62.30 2.61 0.00	56.57 1.63 0.00	60.03 1.97 0.00

ST_LAW_115_BK7_LBMP 345037	43.06 -0.35 0.00	44.83 -0.30 0.00	40.47 -0.44 0.00	38.13 -0.42 0.00	35.34 -0.42 0.00	40.98 -0.38 0.00	52.79 -0.03 0.00	52.51 -0.09 0.00	49.91 -0.22 0.00	47.32 -0.49 0.00	46.87 -0.41 0.00	48.67 -0.29 0.00	61.20 -0.15 0.00	61.87 -0.28 0.00	60.06 -0.57 0.00	58.50 -0.92 0.00	57.97 -1.17 0.00	58.18 -1.62 0.00	51.69 -1.59 0.00	63.09 -1.40 0.00	70.67 -1.09 0.00	59.16 -0.53 0.00	55.13 0.19 0.00	58.30 0.25 0.00
ST_LAW_115_BK8_LBMP 345038	43.06 -0.35 0.00	44.83 -0.30 0.00	40.47 -0.44 0.00	38.13 -0.42 0.00	35.34 -0.42 0.00	40.98 -0.38 0.00	52.79 -0.03 0.00	52.51 -0.09 0.00	49.91 -0.22 0.00	47.32 -0.49 0.00	46.87 -0.41 0.00	48.67 -0.29 0.00	61.20 -0.15 0.00	61.87 -0.28 0.00	60.06 -0.57 0.00	58.50 -0.92 0.00	57.97 -1.17 0.00	58.18 -1.62 0.00	51.69 -1.59 0.00	63.09 -1.40 0.00	70.67 -1.09 0.00	59.16 -0.53 0.00	55.13 0.19 0.00	58.30 0.25 0.00
ST_LAW_230_BK5_LBMP 345035	43.06 -0.35 0.00	44.83 -0.30 0.00	40.48 -0.43 0.00	38.14 -0.41 0.00	35.35 -0.41 0.00	40.99 -0.38 0.00	52.77 -0.04 0.00	52.50 -0.11 0.00	49.88 -0.24 0.00	47.35 -0.46 0.00	46.91 -0.37 0.00	48.68 -0.29 0.00	61.20 -0.15 0.00	61.88 -0.27 0.00	60.08 -0.54 0.00	58.56 -0.86 0.00	58.04 -1.09 0.00	58.29 -1.51 0.00	51.80 -1.48 0.00	63.19 -1.29 0.00	70.76 -1.01 0.00	59.20 -0.48 0.00	55.09 0.14 0.00	58.26 0.21 0.00
ST_LAW_230_BK6_LBMP 345036	43.06 -0.35 0.00	44.83 -0.30 0.00	40.48 -0.43 0.00	38.14 -0.41 0.00	35.35 -0.41 0.00	40.99 -0.38 0.00	52.77 -0.04 0.00	52.50 -0.11 0.00	49.88 -0.24 0.00	47.35 -0.46 0.00	46.91 -0.37 0.00	48.68 -0.29 0.00	61.20 -0.15 0.00	61.88 -0.27 0.00	60.08 -0.54 0.00	58.56 -0.86 0.00	58.04 -1.09 0.00	58.29 -1.51 0.00	51.80 -1.48 0.00	63.19 -1.29 0.00	70.76 -1.01 0.00	59.20 -0.48 0.00	55.09 0.14 0.00	58.26 0.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.12 1.71 0.00	46.93 1.80 0.00	42.68 1.77 0.00	40.08 1.53 0.00	37.14 1.39 0.00	42.87 1.51 0.00	54.39 1.57 0.00	54.31 1.70 0.00	52.01 1.88 0.00	49.99 2.18 0.00	49.48 2.21 0.00	51.34 2.37 0.00	64.11 2.75 0.00	65.10 2.95 0.00	63.91 3.29 0.00	63.22 3.79 0.00	63.36 4.23 0.00	64.54 4.74 0.00	57.30 4.02 0.00	68.48 3.99 0.00	75.40 3.63 0.00	62.01 2.32 0.00	56.30 1.35 0.00	59.62 1.57 0.00
SWANROAD_115KV_TB1 355699	42.31 -1.10 0.00	43.78 -1.35 0.00	39.23 -1.69 0.00	36.96 -1.59 0.00	34.46 -1.30 0.00	40.00 -1.37 0.00	51.12 -1.70 0.00	49.75 -2.86 0.00	46.91 -3.22 0.00	45.04 -2.77 0.00	45.20 -2.08 0.00	47.04 -1.93 0.00	60.20 -1.15 0.00	60.34 -1.81 0.00	58.73 -1.90 0.00	57.70 -1.73 0.00	58.04 -1.09 0.00	59.03 -0.77 0.00	52.85 -0.44 0.00	63.76 -0.72 0.00	70.43 -1.33 0.00	59.35 -0.34 0.00	54.71 -0.24 0.00	58.24 0.19 0.00
SYNERGY___BIOGAS 323694	44.14 0.73 0.00	45.59 0.45 0.00	40.93 0.01 0.00	38.51 -0.04 0.00	35.88 0.13 0.00	41.66 0.29 0.00	53.35 0.53 0.00	52.34 -0.27 0.00	49.48 -0.65 0.00	47.34 -0.47 0.00	47.32 0.04 0.00	49.27 0.31 0.00	63.03 1.67 0.00	63.52 1.37 0.00	61.70 1.08 0.00	60.69 1.27 0.00	61.08 1.95 0.00	62.34 2.54 0.00	55.72 2.44 0.00	67.17 2.69 0.00	74.57 2.82 0.00	62.60 2.91 0.00	57.41 2.46 0.00	60.58 2.53 0.00
SYRACUSE___ENERGY_ST1 323597	43.53 0.12 0.00	45.13 0.00 0.00	40.88 -0.03 0.00	38.51 -0.05 0.00	35.76 0.00 0.00	41.34 -0.03 0.00	52.63 -0.19 0.00	52.43 -0.17 0.00	49.89 -0.24 0.00	47.57 -0.24 0.00	47.03 -0.25 0.00	48.59 -0.37 0.00	60.99 -0.37 0.00	61.78 -0.37 0.00	60.28 -0.35 0.00	59.16 -0.26 0.00	59.03 -0.10 0.00	60.02 0.22 0.00	53.67 0.39 0.00	64.86 0.38 0.00	72.00 0.24 0.00	59.95 0.27 0.00	54.99 0.04 0.00	58.02 -0.03 0.00
SYRACUSE___ENERGY_ST2 323598	43.53 0.12 0.00	45.13 0.00 0.00	40.88 -0.03 0.00	38.51 -0.05 0.00	35.76 0.00 0.00	41.34 -0.03 0.00	52.63 -0.19 0.00	52.43 -0.17 0.00	49.89 -0.24 0.00	47.57 -0.24 0.00	47.03 -0.25 0.00	48.59 -0.37 0.00	60.99 -0.37 0.00	61.78 -0.37 0.00	60.28 -0.35 0.00	59.16 -0.26 0.00	59.03 -0.10 0.00	60.02 0.22 0.00	53.67 0.39 0.00	64.86 0.38 0.00	72.00 0.24 0.00	59.95 0.27 0.00	54.99 0.04 0.00	58.02 -0.03 0.00
SYRACUSE___POWER 24017	43.54 0.13 0.00	45.14 0.01 0.00	40.89 -0.02 0.00	38.51 -0.04 0.00	35.78 0.02 0.00	41.36 -0.01 0.00	52.68 -0.14 0.00	52.47 -0.14 0.00	49.94 -0.18 0.00	47.68 -0.13 0.00	47.13 -0.14 0.00	48.68 -0.28 0.00	61.10 -0.26 0.00	61.91 -0.24 0.00	60.41 -0.21 0.00	59.31 -0.11 0.00	59.21 0.08 0.00	60.22 0.43 0.00	53.80 0.52 0.00	65.03 0.54 0.00	72.12 0.36 0.00	60.03 0.34 0.00	55.04 0.09 0.00	58.02 -0.03 0.00
TALLMAN_138KV_BK151 55660	45.30 1.89 0.00	47.12 1.99 0.00	42.84 1.93 0.00	40.21 1.65 0.00	37.25 1.50 0.00	43.00 1.63 0.00	54.53 1.72 0.00	54.51 1.90 0.00	52.23 2.11 0.00	50.27 2.46 0.00	49.81 2.53 0.00	51.69 2.73 0.00	64.54 3.19 0.00	65.55 3.41 0.00	64.38 3.76 0.00	63.72 4.29 0.00	63.90 4.77 0.00	65.08 5.28 0.00	57.72 4.44 0.00	68.87 4.39 0.00	75.72 3.96 0.00	62.24 2.55 0.00	56.42 1.47 0.00	59.79 1.74 0.00
TEALLAVE_115KV_TB7 355573	43.31 -0.10 0.00	44.90 -0.23 0.00	40.68 -0.24 0.00	38.30 -0.25 0.00	35.58 -0.17 0.00	41.15 -0.22 0.00	52.39 -0.43 0.00	52.19 -0.41 0.00	49.68 -0.44 0.00	47.44 -0.38 0.00	46.89 -0.39 0.00	48.43 -0.54 0.00	60.76 -0.59 0.00	61.56 -0.59 0.00	60.03 -0.59 0.00	58.94 -0.49 0.00	58.83 -0.30 0.00	59.80 0.00 0.00	53.42 0.14 0.00	64.51 0.03 0.00	71.57 -0.19 0.00	59.60 -0.09 0.00	54.68 -0.27 0.00	57.65 -0.40 0.00
TELGRAPH_34_KV_EAST 80808	43.15 -0.26 0.00	44.61 -0.52 0.00	40.01 -0.90 0.00	37.68 -0.88 0.00	35.11 -0.64 0.00	40.75 -0.61 0.00	52.14 -0.68 0.00	50.96 -1.65 0.00	48.14 -1.98 0.00	46.17 -1.65 0.00	46.28 -1.00 0.00	48.19 -0.77 0.00	61.65 0.29 0.00	61.96 -0.19 0.00	60.26 -0.36 0.00	59.22 -0.20 0.00	59.55 0.42 0.00	60.62 0.82 0.00	54.21 0.93 0.00	65.42 0.93 0.00	72.40 0.65 0.00	60.87 1.18 0.00	55.97 1.03 0.00	59.30 1.25 0.00
TEMPLE___115KV_TB 2 55572	43.32 -0.09 0.00	44.92 -0.21 0.00	40.69 -0.23 0.00	38.32 -0.23 0.00	35.60 -0.15 0.00	41.15 -0.21 0.00	52.41 -0.41 0.00	52.20 -0.41 0.00	49.71 -0.42 0.00	47.46 -0.36 0.00	46.93 -0.35 0.00	48.47 -0.49 0.00	60.81 -0.54 0.00	61.61 -0.54 0.00	60.08 -0.54 0.00	58.99 -0.44 0.00	58.89 -0.24 0.00	59.86 0.06 0.00	53.46 0.18 0.00	64.56 0.08 0.00	71.62 -0.14 0.00	59.62 -0.07 0.00	54.70 -0.24 0.00	57.67 -0.38 0.00
TIANA___69_KV_BK 1 55817	46.56 3.15 0.00	48.79 3.66 0.00	44.44 3.52 0.00	41.56 3.01 0.00	38.28 2.53 0.00	43.96 2.59 0.00	55.38 2.56 0.00	55.02 2.42 0.00	51.61 2.69 1.20	49.63 3.47 1.66	51.23 3.96 0.00	304.89 4.49 -251.44	190.54 5.05 -124.13	160.33 5.30 -92.88	252.73 6.10 -186.01	292.30 7.01 -225.87	270.26 7.70 -203.43	285.35 8.44 -217.11	304.36 7.35 -243.72	273.41 7.61 -201.32	212.85 6.85 -134.25	60.74 4.62 3.57	53.15 2.86 4.66	39.68 2.91 21.28

TILDEN___115KV_TB1 80814	43.54 0.13 0.00	45.14 0.01 0.00	40.89 -0.02 0.00	38.51 -0.04 0.00	35.78 0.02 0.00	41.36 -0.01 0.00	52.68 -0.14 0.00	52.47 -0.14 0.00	49.94 -0.18 0.00	47.68 -0.13 0.00	47.13 -0.14 0.00	48.68 -0.28 0.00	61.10 -0.26 0.00	61.91 -0.24 0.00	60.41 -0.21 0.00	59.31 -0.11 0.00	59.21 0.08 0.00	60.22 0.43 0.00	53.80 0.52 0.00	65.03 0.54 0.00	72.12 0.36 0.00	60.03 0.34 0.00	55.04 0.09 0.00	58.02 -0.03 0.00
TRIGEN___CC 323695	45.62 2.21 0.00	47.64 2.51 0.00	43.37 2.46 0.00	40.66 2.11 0.00	37.61 1.85 0.00	43.34 1.97 0.00	54.68 1.86 0.00	54.54 1.93 0.00	52.31 2.18 0.00	50.51 2.70 0.00	50.22 2.94 0.00	52.17 3.20 -0.01	68.73 3.63 -3.74	65.97 3.82 0.00	69.59 4.39 -4.58	73.29 5.11 -8.75	152.01 5.74 -87.14	277.75 6.27 -211.69	207.43 5.29 -148.86	143.79 5.25 -74.06	95.68 4.69 -19.24	84.48 3.06 -21.73	76.08 1.87 -19.27	85.19 2.09 -25.04
TRINITY___115KV___4 BK 55933	43.89 0.48 0.00	45.77 0.64 0.00	41.70 0.79 0.00	39.29 0.74 0.00	36.44 0.69 0.00	42.09 0.72 0.00	53.34 0.53 0.00	53.12 0.51 0.00	50.77 0.64 0.00	48.62 0.80 0.00	47.84 0.56 0.00	49.48 0.52 0.00	61.75 0.39 0.00	62.57 0.42 0.00	61.39 0.77 0.00	60.44 1.02 0.00	60.18 1.05 0.00	61.22 1.42 0.00	54.59 1.31 0.00	65.56 1.08 0.00	72.66 0.90 0.00	59.99 0.30 0.00	54.71 -0.23 0.00	57.72 -0.33 0.00
UNION___PROCESSING_DRP 323587	43.53 0.13 0.00	45.06 -0.07 0.00	40.61 -0.30 0.00	38.22 -0.34 0.00	35.55 -0.21 0.00	41.19 -0.18 0.00	52.69 -0.13 0.00	52.03 -0.58 0.00	49.47 -0.66 0.00	47.37 -0.44 0.00	47.24 -0.04 0.00	49.08 0.12 0.00	62.39 1.03 0.00	62.96 0.82 0.00	61.25 0.63 0.00	60.16 0.74 0.00	60.32 1.19 0.00	61.36 1.56 0.00	54.75 1.46 0.00	66.06 1.58 0.00	73.18 1.43 0.00	61.16 1.47 0.00	56.12 1.17 0.00	59.12 1.06 0.00
UPPER HUDSON___HYD 24058	46.02 2.62 0.00	47.94 2.81 0.00	43.51 2.60 0.00	41.02 2.47 0.00	38.07 2.31 0.00	44.08 2.71 0.00	56.04 3.22 0.00	55.85 3.25 0.00	53.35 3.23 0.00	51.02 3.21 0.00	49.74 2.46 0.00	51.56 2.60 0.00	64.46 3.10 0.00	65.32 3.17 0.00	64.12 3.50 0.00	63.19 3.77 0.00	63.08 3.95 0.00	64.66 4.86 0.00	58.17 4.88 0.00	70.04 5.56 0.00	78.55 6.79 0.00	64.88 5.19 0.00	59.10 4.15 0.00	62.12 4.06 0.00
UPPER RAQUET___HYD 24056	43.81 0.40 0.00	45.58 0.45 0.00	41.09 0.18 0.00	38.69 0.13 0.00	35.97 0.22 0.00	41.75 0.39 0.00	53.90 1.08 0.00	53.61 1.01 0.00	50.77 0.64 0.00	47.77 -0.05 0.00	47.12 -0.16 0.00	49.11 0.14 0.00	61.54 0.19 0.00	62.15 0.00 0.00	60.13 -0.48 0.00	58.23 -1.20 0.00	57.54 -1.60 0.00	57.53 -2.27 0.00	51.41 -1.88 0.00	63.24 -1.24 0.00	71.19 -0.56 0.00	60.07 0.39 0.00	56.40 1.45 0.00	59.71 1.66 0.00
VALLEY44_115KV_TB2 355964	43.34 -0.06 0.00	44.86 -0.27 0.00	40.36 -0.55 0.00	37.90 -0.65 0.00	35.34 -0.42 0.00	40.92 -0.45 0.00	52.16 -0.66 0.00	51.41 -1.20 0.00	48.75 -1.37 0.00	46.83 -0.99 0.00	46.73 -0.55 0.00	48.38 -0.58 0.00	61.42 0.06 0.00	61.64 -0.51 0.00	60.13 -0.49 0.00	59.11 -0.31 0.00	59.39 0.26 0.00	60.79 0.99 0.00	54.09 0.81 0.00	65.37 0.89 0.00	71.85 0.09 0.00	60.07 0.38 0.00	55.05 0.10 0.00	58.61 0.55 0.00
VALLEY___115KV_TB 1-4 80826	44.26 0.85 0.00	46.10 0.97 0.00	41.93 1.02 0.00	39.50 0.94 0.00	36.63 0.88 0.00	42.34 0.97 0.00	53.63 0.82 0.00	53.27 0.67 0.00	50.66 0.53 0.00	48.55 0.73 0.00	47.62 0.34 0.00	49.40 0.43 0.00	61.54 0.18 0.00	62.38 0.23 0.00	61.27 0.65 0.00	60.52 1.09 0.00	60.23 1.10 0.00	61.84 2.05 0.00	55.46 2.18 0.00	66.97 2.49 0.00	74.39 2.63 0.00	61.38 1.69 0.00	55.90 0.95 0.00	58.80 0.74 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.26 1.85 0.00	46.98 1.85 0.00	42.75 1.84 0.00	40.33 1.77 0.00	37.45 1.69 0.00	43.21 1.85 0.00	54.77 1.96 0.00	54.58 1.98 0.00	52.14 2.02 0.00	49.97 2.16 0.00	49.49 2.21 0.00	51.22 2.25 0.00	64.22 2.87 0.00	65.16 3.01 0.00	63.78 3.16 0.00	62.76 3.34 0.00	62.78 3.65 0.00	63.87 4.06 0.00	56.95 3.67 0.00	68.53 4.05 0.00	75.82 4.07 0.00	62.71 3.03 0.00	57.19 2.24 0.00	60.36 2.31 0.00
VISCHER___FERRY HYD 24020	44.77 1.36 0.00	46.68 1.55 0.00	42.45 1.54 0.00	39.95 1.40 0.00	37.04 1.29 0.00	42.84 1.47 0.00	54.37 1.55 0.00	54.09 1.49 0.00	51.64 1.52 0.00	49.40 1.59 0.00	48.49 1.21 0.00	50.23 1.27 0.00	62.76 1.41 0.00	63.65 1.50 0.00	62.40 1.78 0.00	61.44 2.02 0.00	61.22 2.09 0.00	62.41 2.61 0.00	55.76 2.48 0.00	67.03 2.55 0.00	74.48 2.72 0.00	61.47 1.78 0.00	56.09 1.14 0.00	59.15 1.10 0.00
V_A_10_SYNC_DSASP 323832	42.80 -0.60 0.00	44.32 -0.81 0.00	39.89 -1.02 0.00	37.56 -1.00 0.00	34.96 -0.79 0.00	40.51 -0.86 0.00	51.83 -0.99 0.00	50.88 -1.72 0.00	48.27 -1.86 0.00	46.29 -1.52 0.00	46.31 -0.97 0.00	48.11 -0.86 0.00	61.30 -0.06 0.00	61.61 -0.54 0.00	59.94 -0.69 0.00	58.88 -0.54 0.00	59.11 -0.02 0.00	60.16 0.36 0.00	53.67 0.39 0.00	64.78 0.30 0.00	71.63 -0.13 0.00	60.06 0.38 0.00	55.23 0.28 0.00	58.41 0.36 0.00
V_CMM_10_SYNC_DSASP 323787	43.30 -0.11 0.00	45.07 -0.06 0.00	40.69 -0.22 0.00	38.34 -0.21 0.00	35.53 -0.22 0.00	41.20 -0.16 0.00	53.08 0.26 0.00	52.80 0.19 0.00	50.18 0.05 0.00	47.57 -0.24 0.00	47.17 -0.10 0.00	48.94 -0.03 0.00	61.55 0.19 0.00	62.22 0.07 0.00	60.40 -0.23 0.00	58.85 -0.58 0.00	58.32 -0.81 0.00	58.53 -1.27 0.00	51.81 -1.48 0.00	63.18 -1.31 0.00	70.78 -0.98 0.00	59.26 -0.43 0.00	55.42 0.48 0.00	58.63 0.58 0.00
V_CMP_10_SYNC_DSASP 323788	42.98 -0.43 0.00	45.06 -0.07 0.00	40.65 -0.26 0.00	38.30 -0.25 0.00	35.50 -0.25 0.00	41.36 -0.01 0.00	53.03 0.21 0.00	52.24 -0.37 0.00	49.30 -0.82 0.00	46.77 -1.04 0.00	46.55 -0.73 0.00	48.18 -0.79 0.00	60.47 -0.89 0.00	60.74 -1.41 0.00	58.97 -1.65 0.00	57.50 -1.92 0.00	57.02 -2.12 0.00	57.22 -2.59 0.00	50.88 -2.41 0.00	62.19 -2.29 0.00	69.71 -2.05 0.00	58.49 -1.19 0.00	54.68 -0.26 0.00	58.13 0.08 0.00
V_D_10_SYNC_DSASP 323841	43.57 0.16 0.00	45.35 0.22 0.00	40.93 0.02 0.00	38.56 0.00 0.00	35.76 0.01 0.00	41.48 0.11 0.00	53.45 0.63 0.00	53.20 0.59 0.00	50.51 0.39 0.00	47.78 -0.04 0.00	47.05 -0.23 0.00	49.18 0.22 0.00	61.88 0.53 0.00	62.52 0.37 0.00	60.59 -0.03 0.00	58.98 -0.44 0.00	58.44 -0.69 0.00	58.60 -1.21 0.00	52.16 -1.13 0.00	63.77 -0.71 0.00	71.45 -0.32 0.00	59.96 0.27 0.00	55.89 0.94 0.00	59.09 1.04 0.00
V_E_10_SYNC_DSASP 323830	47.09 3.69 0.00	48.78 3.65 0.00	44.11 3.20 0.00	41.49 2.93 0.00	38.60 2.85 0.00	44.77 3.40 0.00	57.19 4.37 0.00	57.02 4.42 0.00	54.15 4.02 0.00	51.78 3.97 0.00	51.20 3.93 0.00	52.74 3.78 0.00	66.33 4.97 0.00	67.40 5.25 0.00	65.76 5.14 0.00	64.80 5.38 0.00	64.80 5.67 0.00	66.41 6.61 0.00	59.75 6.46 0.00	72.40 7.92 0.00	80.18 8.43 0.00	66.54 6.85 0.00	60.46 5.51 0.00	63.35 5.30 0.00

V_F_30_NSYNC___DSASP 323816	45.59 2.18 0.00	47.47 2.34 0.00	43.14 2.23 0.00	40.64 2.09 0.00	37.69 1.94 0.00	43.61 2.25 0.00	55.41 2.60 0.00	55.12 2.52 0.00	52.56 2.43 0.00	50.30 2.49 0.00	49.31 2.03 0.00	51.12 2.16 0.00	63.94 2.59 0.00	64.84 2.69 0.00	63.57 2.94 0.00	62.64 3.22 0.00	62.51 3.38 0.00	63.90 4.10 0.00	57.19 3.91 0.00	68.89 4.41 0.00	76.70 4.94 0.00	63.34 3.65 0.00	57.74 2.80 0.00	60.81 2.76 0.00
V_F_30_SYNC_DSASP 323786	44.13 0.72 0.00	46.00 0.86 0.00	41.91 1.00 0.00	39.50 0.94 0.00	36.63 0.87 0.00	42.30 0.94 0.00	53.65 0.83 0.00	53.42 0.82 0.00	51.06 0.93 0.00	48.90 1.09 0.00	48.13 0.85 0.00	49.81 0.84 0.00	62.18 0.82 0.00	63.02 0.87 0.00	61.85 1.23 0.00	60.90 1.48 0.00	60.68 1.55 0.00	61.73 1.93 0.00	55.04 1.76 0.00	66.06 1.58 0.00	73.23 1.47 0.00	60.45 0.76 0.00	55.10 0.15 0.00	58.12 0.07 0.00
V_XM_10_SYNC_DSASP 323789	42.98 -0.43 0.00	45.06 -0.07 0.00	40.65 -0.26 0.00	38.30 -0.25 0.00	35.50 -0.25 0.00	41.36 -0.01 0.00	53.03 0.21 0.00	52.24 -0.37 0.00	49.30 -0.82 0.00	46.77 -1.04 0.00	46.55 -0.73 0.00	48.18 -0.79 0.00	60.47 -0.89 0.00	60.74 -1.41 0.00	58.97 -1.65 0.00	57.50 -1.92 0.00	57.02 -2.12 0.00	57.22 -2.59 0.00	50.88 -2.41 0.00	62.19 -2.29 0.00	69.71 -2.05 0.00	58.49 -1.19 0.00	54.68 -0.26 0.00	58.13 0.08 0.00
W.BABYLN_69_KV_BK1 56697	46.37 2.96 0.00	48.49 3.36 0.00	44.15 3.24 0.00	41.34 2.79 0.00	38.18 2.43 0.00	43.95 2.58 0.00	55.39 2.57 0.00	55.19 2.58 0.00	52.14 2.75 0.73	50.20 3.34 0.95	50.97 3.69 0.00	84.21 4.09 -31.15	81.28 4.77 -15.15	77.75 5.00 -10.59	89.35 5.60 -23.13	95.64 6.44 -29.78	165.34 7.25 -98.96	277.94 7.96 -210.18	218.61 6.70 -158.63	136.58 6.80 -65.30	98.21 6.11 -20.34	64.02 4.17 -0.17	57.40 2.78 0.32	47.71 2.96 13.30
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.45 2.04 0.00	47.27 2.14 0.00	42.99 2.07 0.00	40.34 1.79 0.00	37.38 1.63 0.00	43.13 1.77 0.00	54.72 1.90 0.00	54.70 2.10 0.00	52.42 2.30 0.00	50.46 2.66 0.00	49.99 2.72 0.00	51.90 2.93 0.00	64.80 3.44 0.00	65.82 3.67 0.00	64.66 4.04 0.00	63.99 4.57 0.00	64.19 5.06 0.00	65.38 5.58 0.00	57.97 4.69 0.00	69.17 4.69 0.00	76.08 4.32 0.00	62.50 2.82 0.00	56.65 1.71 0.00	60.01 1.96 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.61 2.20 0.00	47.53 2.39 0.00	43.29 2.38 0.00	40.64 2.08 0.00	37.66 1.90 0.00	43.48 2.12 0.00	55.10 2.28 0.00	55.13 2.52 0.00	52.94 2.81 0.00	51.07 3.25 0.00	50.53 3.25 0.00	52.34 3.37 0.00	65.14 3.79 0.00	66.16 4.01 0.00	65.04 4.43 0.00	64.49 5.06 0.00	64.75 5.62 0.00	65.85 6.05 0.00	58.27 4.99 0.00	69.41 4.92 0.00	76.25 4.49 0.00	62.60 2.92 0.00	56.72 1.78 0.00	60.15 2.10 0.00
W50THST__13_KV_LOAD 356117	45.88 2.47 0.00	47.84 2.71 0.00	43.58 2.66 0.00	40.90 2.34 0.00	37.91 2.16 0.00	43.81 2.44 0.00	55.53 2.71 0.00	55.59 2.99 0.00	53.43 3.31 0.00	51.56 3.75 0.00	51.04 3.77 0.00	52.85 3.89 0.00	65.75 4.40 0.00	66.76 4.60 0.00	65.62 5.00 0.00	65.10 5.67 0.00	65.35 6.22 0.00	66.40 6.60 0.00	58.68 5.40 0.00	69.87 5.39 0.00	76.73 4.97 0.00	62.98 3.29 0.00	57.05 2.11 0.00	60.50 2.45 0.00
WADING RIVER_IC_1 23522	45.81 2.40 0.00	47.99 2.86 0.00	43.71 2.80 0.00	40.90 2.34 0.00	37.70 1.95 0.00	43.33 1.97 0.00	54.59 1.78 0.00	54.27 1.67 0.00	50.85 1.90 1.18	48.80 2.63 1.64	50.31 3.03 0.00	304.43 3.45 -252.02	188.80 3.64 -123.80	158.38 3.85 -92.38	250.63 4.61 -185.40	290.10 5.51 -225.17	268.62 6.17 -203.32	283.76 6.88 -217.08	302.66 6.01 -243.37	271.38 6.10 -200.80	210.85 5.29 -133.81	59.37 3.27 3.59	52.01 1.74 4.67	38.53 1.79 21.31
WADING RIVER_IC_2 23547	45.81 2.40 0.00	47.99 2.86 0.00	43.71 2.80 0.00	40.90 2.34 0.00	37.70 1.95 0.00	43.33 1.97 0.00	54.59 1.78 0.00	54.27 1.67 0.00	50.85 1.90 1.18	48.80 2.63 1.64	50.31 3.03 0.00	304.43 3.45 -252.02	188.80 3.64 -123.80	158.38 3.85 -92.38	250.63 4.61 -185.40	290.10 5.51 -225.17	268.62 6.17 -203.32	283.76 6.88 -217.08	302.66 6.01 -243.37	271.38 6.10 -200.80	210.85 5.29 -133.81	59.37 3.27 3.59	52.01 1.74 4.67	38.53 1.79 21.31
WADING RIVER_IC_3 23601	45.81 2.40 0.00	47.99 2.86 0.00	43.71 2.80 0.00	40.90 2.34 0.00	37.70 1.95 0.00	43.33 1.97 0.00	54.59 1.78 0.00	54.27 1.67 0.00	50.85 1.90 1.18	48.80 2.63 1.64	50.31 3.03 0.00	304.43 3.45 -252.02	188.80 3.64 -123.80	158.38 3.85 -92.38	250.63 4.61 -185.40	290.10 5.51 -225.17	268.62 6.17 -203.32	283.76 6.88 -217.08	302.66 6.01 -243.37	271.38 6.10 -200.80	210.85 5.29 -133.81	59.37 3.27 3.59	52.01 1.74 4.67	38.53 1.79 21.31
WALDENNY_12_KV_BK2 80841	43.28 -0.13 0.00	44.71 -0.42 0.00	40.14 -0.78 0.00	37.79 -0.77 0.00	35.26 -0.49 0.00	40.86 -0.51 0.00	52.28 -0.54 0.00	51.26 -1.35 0.00	48.56 -1.57 0.00	46.66 -1.15 0.00	46.85 -0.43 0.00	48.74 -0.22 0.00	62.21 0.86 0.00	62.48 0.33 0.00	60.91 0.29 0.00	59.82 0.40 0.00	60.16 1.03 0.00	61.36 1.56 0.00	54.74 1.45 0.00	66.12 1.64 0.00	72.89 1.13 0.00	61.16 1.47 0.00	56.17 1.22 0.00	59.44 1.39 0.00
WALDEN__HYDRO 24148	45.43 2.02 0.00	47.21 2.08 0.00	42.93 2.02 0.00	40.32 1.76 0.00	37.35 1.60 0.00	43.12 1.76 0.00	54.71 1.89 0.00	54.73 2.12 0.00	52.44 2.32 0.00	50.34 2.53 0.00	49.77 2.49 0.00	51.63 2.67 0.00	64.44 3.08 0.00	65.31 3.16 0.00	64.18 3.56 0.00	63.47 4.05 0.00	63.59 4.46 0.00	64.80 5.00 0.00	57.61 4.33 0.00	68.85 4.36 0.00	75.78 4.02 0.00	62.30 2.61 0.00	56.57 1.63 0.00	60.13 2.08 0.00
WARRENSBURG____ 23737	46.02 2.61 0.00	47.94 2.81 0.00	43.51 2.60 0.00	41.02 2.47 0.00	38.07 2.31 0.00	44.08 2.71 0.00	56.04 3.22 0.00	55.85 3.24 0.00	53.35 3.23 0.00	51.02 3.21 0.00	49.74 2.46 0.00	51.56 2.60 0.00	64.46 3.11 0.00	65.32 3.17 0.00	64.12 3.50 0.00	63.19 3.76 0.00	63.08 3.95 0.00	64.66 4.86 0.00	58.17 4.88 0.00	70.04 5.56 0.00	78.55 6.79 0.00	64.88 5.19 0.00	59.10 4.15 0.00	62.12 4.06 0.00
WATERSIDE____6 8 9 23538	45.54 2.13 0.00	47.44 2.31 0.00	43.29 2.38 0.00	40.63 2.08 0.00	37.66 1.90 0.00	43.45 2.09 0.00	55.02 2.21 0.00	55.09 2.48 0.00	52.93 2.80 0.00	51.03 3.22 0.00	50.42 3.14 0.00	52.18 3.21 0.00	64.82 3.46 0.00	65.87 3.72 0.00	64.78 4.15 0.00	64.22 4.79 0.00	64.45 5.32 0.00	65.53 5.73 0.00	57.99 4.71 0.00	68.99 4.50 0.00	72.62 4.00 3.13	56.55 2.51 5.65	53.76 1.45 2.64	56.13 1.82 3.74
WATKINRD_115KV_LN8_ILLION 55919	44.01 0.59 0.00	45.80 0.67 0.00	41.64 0.72 0.00	39.22 0.67 0.00	36.38 0.62 0.00	42.05 0.68 0.00	53.36 0.54 0.00	53.03 0.43 0.00	50.46 0.34 0.00	48.31 0.50 0.00	47.48 0.20 0.00	49.23 0.26 0.00	61.41 0.06 0.00	62.24 0.09 0.00	61.03 0.41 0.00	60.18 0.76 0.00	59.93 0.80 0.00	61.29 1.49 0.00	54.90 1.61 0.00	66.27 1.79 0.00	73.66 1.90 0.00	60.88 1.19 0.00	55.55 0.61 0.00	58.51 0.46 0.00

WDELAWARE___HYD 323627	44.20 0.79 0.00	45.85 0.72 0.00	41.67 0.76 0.00	39.14 0.59 0.00	36.26 0.51 0.00	41.86 0.49 0.00	53.11 0.30 0.00	53.09 0.48 0.00	50.83 0.70 0.00	48.80 0.98 0.00	48.27 0.99 0.00	50.00 1.04 0.00	62.62 1.26 0.00	63.70 1.55 0.00	62.53 1.91 0.00	61.82 2.40 0.00	62.02 2.88 0.00	63.20 3.40 0.00	56.29 3.01 0.00	67.35 2.87 0.00	74.17 2.41 0.00	60.96 1.27 0.00	55.34 0.40 0.00	58.56 0.51 0.00
WEST BABYLON___IC 23714	46.37 2.96 0.00	48.49 3.36 0.00	44.15 3.24 0.00	41.34 2.79 0.00	38.18 2.43 0.00	43.95 2.58 0.00	55.39 2.57 0.00	55.19 2.58 0.00	52.14 2.75 0.73	50.20 3.34 0.95	50.97 3.69 0.00	84.21 4.09 -31.15	81.28 4.77 -15.15	77.75 5.00 -10.59	89.35 5.60 -23.13	95.64 6.44 -29.78	165.34 7.25 -98.96	277.94 7.96 -210.18	218.61 6.70 -158.63	136.58 6.80 -65.30	98.21 6.11 -20.34	64.02 4.17 -0.17	57.40 2.78 0.32	47.71 2.96 13.30
WEST CANADA___HYD 24049	43.59 0.18 0.00	45.33 0.19 0.00	41.16 0.25 0.00	38.79 0.23 0.00	35.97 0.22 0.00	41.59 0.22 0.00	52.98 0.16 0.00	52.74 0.13 0.00	50.28 0.15 0.00	48.00 0.19 0.00	47.41 0.13 0.00	49.11 0.15 0.00	61.45 0.09 0.00	62.28 0.13 0.00	60.85 0.23 0.00	59.78 0.35 0.00	59.55 0.42 0.00	60.34 0.54 0.00	53.80 0.52 0.00	64.99 0.51 0.00	72.22 0.46 0.00	59.94 0.26 0.00	55.00 0.05 0.00	58.12 0.06 0.00
WESTERN_NY_WIND 24143	44.07 0.66 0.00	45.52 0.39 0.00	40.87 -0.05 0.00	38.45 -0.10 0.00	35.83 0.08 0.00	41.61 0.25 0.00	53.29 0.47 0.00	52.25 -0.35 0.00	49.38 -0.75 0.00	47.25 -0.56 0.00	47.24 -0.04 0.00	49.19 0.22 0.00	62.94 1.59 0.00	63.41 1.26 0.00	61.59 0.97 0.00	60.60 1.18 0.00	60.97 1.83 0.00	62.24 2.44 0.00	55.62 2.33 0.00	67.07 2.58 0.00	74.43 2.67 0.00	62.49 2.81 0.00	57.32 2.37 0.00	60.52 2.47 0.00
WESTOVER___LESR 323668	43.94 0.53 0.00	45.54 0.41 0.00	41.28 0.36 0.00	38.85 0.29 0.00	36.16 0.40 0.00	41.79 0.42 0.00	53.12 0.30 0.00	52.83 0.22 0.00	50.31 0.19 0.00	48.31 0.50 0.00	47.75 0.47 0.00	49.38 0.41 0.00	62.02 0.66 0.00	62.76 0.61 0.00	61.40 0.78 0.00	60.38 0.95 0.00	60.46 1.33 0.00	61.69 1.89 0.00	54.93 1.64 0.00	66.39 1.91 0.00	73.18 1.42 0.00	60.79 1.11 0.00	55.54 0.60 0.00	58.72 0.66 0.00
WETHRSFD_WT_PWR 323626	43.35 -0.06 0.00	44.77 -0.36 0.00	40.26 -0.65 0.00	37.88 -0.68 0.00	35.35 -0.40 0.00	40.98 -0.39 0.00	52.33 -0.49 0.00	51.46 -1.15 0.00	48.68 -1.45 0.00	46.61 -1.20 0.00	46.45 -0.83 0.00	48.23 -0.73 0.00	61.45 0.09 0.00	61.83 -0.32 0.00	60.31 -0.31 0.00	59.16 -0.26 0.00	59.60 0.47 0.00	61.06 1.26 0.00	54.55 1.27 0.00	65.87 1.39 0.00	72.72 0.96 0.00	60.91 1.23 0.00	55.84 0.90 0.00	59.06 1.01 0.00
WHAVSTOR_138KV_BK127 55557	45.20 1.80 0.00	47.03 1.90 0.00	42.79 1.88 0.00	40.16 1.61 0.00	37.21 1.46 0.00	42.95 1.58 0.00	54.45 1.63 0.00	54.42 1.81 0.00	52.14 2.01 0.00	50.18 2.37 0.00	49.68 2.40 0.00	51.55 2.59 0.00	64.34 2.99 0.00	65.35 3.20 0.00	64.18 3.56 0.00	63.52 4.09 0.00	63.70 4.56 0.00	64.87 5.08 0.00	57.52 4.24 0.00	68.66 4.18 0.00	75.51 3.75 0.00	62.08 2.39 0.00	56.29 1.34 0.00	59.66 1.60 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.20 1.80 0.00	47.03 1.90 0.00	42.79 1.88 0.00	40.16 1.61 0.00	37.21 1.46 0.00	42.95 1.58 0.00	54.45 1.63 0.00	54.42 1.81 0.00	52.14 2.01 0.00	50.18 2.37 0.00	49.68 2.40 0.00	51.55 2.59 0.00	64.34 2.99 0.00	65.35 3.20 0.00	64.18 3.56 0.00	63.52 4.09 0.00	63.70 4.56 0.00	64.87 5.08 0.00	57.52 4.24 0.00	68.66 4.18 0.00	75.51 3.75 0.00	62.08 2.39 0.00	56.29 1.34 0.00	59.66 1.60 0.00
WHITEHAL_115KV_TB1 80871	45.32 1.91 0.00	47.14 2.01 0.00	42.69 1.78 0.00	40.31 1.75 0.00	37.43 1.68 0.00	43.47 2.11 0.00	55.33 2.51 0.00	55.52 2.91 0.00	53.35 3.22 0.00	50.77 2.96 0.00	49.43 2.15 0.00	51.22 2.25 0.00	63.99 2.63 0.00	64.73 2.58 0.00	63.62 3.00 0.00	62.51 3.09 0.00	62.23 3.10 0.00	64.33 4.53 0.00	57.75 4.47 0.00	69.62 5.14 0.00	79.80 8.04 0.00	66.34 6.65 0.00	60.48 5.53 0.00	63.44 5.38 0.00
WHITEPLN_13_KV_LOAD 356215	46.02 2.61 0.00	47.86 2.73 0.00	43.54 2.62 0.00	40.86 2.30 0.00	37.85 2.10 0.00	43.71 2.35 0.00	55.47 2.65 0.00	55.48 2.88 0.00	53.23 3.11 0.00	51.29 3.48 0.00	50.81 3.53 0.00	52.74 3.77 0.00	65.80 4.44 0.00	66.85 4.70 0.00	65.75 5.13 0.00	65.13 5.71 0.00	65.37 6.24 0.00	66.58 6.78 0.00	59.01 5.73 0.00	70.39 5.91 0.00	77.31 5.55 0.00	63.50 3.81 0.00	57.48 2.54 0.00	60.83 2.78 0.00
WM_FLOYD_69_KV_BK2 356380	46.23 2.82 0.00	48.41 3.28 0.00	44.10 3.19 0.00	41.26 2.70 0.00	38.05 2.30 0.00	43.76 2.39 0.00	55.13 2.31 0.00	54.83 2.23 0.00	51.29 2.44 1.28	49.13 3.09 1.77	50.72 3.44 0.00	302.17 3.86 -249.34	191.78 4.39 -126.04	162.20 4.56 -95.49	255.25 5.26 -189.37	295.22 6.11 -229.69	270.12 6.76 -204.23	284.54 7.49 -217.24	305.41 6.49 -245.64	275.27 6.64 -204.15	214.31 5.92 -136.63	60.03 3.83 3.49	52.56 2.21 4.59	39.22 2.32 21.15
WOODARD__115KV_TB2 355635	43.21 -0.20 0.00	44.81 -0.32 0.00	40.61 -0.30 0.00	38.24 -0.31 0.00	35.52 -0.24 0.00	41.06 -0.31 0.00	52.28 -0.54 0.00	52.09 -0.52 0.00	49.59 -0.54 0.00	47.31 -0.50 0.00	46.77 -0.51 0.00	48.33 -0.63 0.00	60.61 -0.75 0.00	61.41 -0.74 0.00	59.87 -0.75 0.00	58.78 -0.64 0.00	58.65 -0.49 0.00	59.61 -0.19 0.00	53.25 -0.04 0.00	64.32 -0.17 0.00	71.39 -0.37 0.00	59.46 -0.23 0.00	54.57 -0.37 0.00	57.54 -0.51 0.00
WOODMERE_69_KV_BK1 55827	46.33 2.92 0.00	48.38 3.25 0.00	44.01 3.10 0.00	41.24 2.68 0.00	38.14 2.39 0.00	43.94 2.57 0.00	55.43 2.62 0.00	55.28 2.67 0.00	53.02 2.90 0.00	51.29 3.48 0.00	51.07 3.79 0.00	53.07 4.08 -0.02	76.77 4.69 -10.72	67.12 4.96 -0.01	76.82 5.53 -10.68	85.53 5.96 -20.15	157.33 6.60 -91.60	282.23 7.13 -215.30	211.18 6.10 -151.79	197.44 6.17 -126.79	124.35 5.63 -46.96	125.21 3.95 -61.58	111.52 2.70 -53.88	136.80 2.90 -75.84
YORK___WARBASSE 23770	45.85 2.44 0.00	47.65 2.52 0.00	43.43 2.52 0.00	40.74 2.19 0.00	37.77 2.01 0.00	43.57 2.21 0.00	55.14 2.32 0.00	55.21 2.60 0.00	53.06 2.94 0.00	51.14 3.33 0.00	50.59 3.32 0.00	52.29 3.33 0.00	64.97 3.62 0.00	66.09 3.94 0.00	65.09 4.47 0.00	64.58 5.16 0.00	64.83 5.70 0.00	65.95 6.15 0.00	58.30 5.02 0.00	69.34 4.85 -0.01	76.10 4.33 -0.01	62.50 2.81 -0.01	56.67 1.72 0.00	60.10 2.17 0.13