

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										09/05/2026	
Generator Data		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
Name	PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
59TH STREET_GT_1	24138	48.35	41.76	38.21	36.02	34.30	34.56	35.76	35.78	33.95	33.24	33.95	35.15	36.01	37.00	40.01	41.37	48.10	50.42	61.05	56.83	52.11	46.81	45.04	39.95		
		2.43	2.14	1.68	1.58	1.29	1.33	1.54	1.64	1.65	1.76	1.98	2.08	2.29	2.49	2.65	2.78	3.31	2.94	3.13	2.60	2.34	2.36	2.23	1.94		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_1	24260	48.40	41.76	38.21	36.02	34.30	34.56	35.73	35.75	33.91	33.21	33.95	35.12	36.01	36.97	40.01	41.37	48.05	50.32	60.87	56.66	52.01	46.76	45.04	39.95		
		2.48	2.14	1.68	1.58	1.29	1.33	1.51	1.60	1.61	1.73	1.98	2.05	2.29	2.45	2.65	2.78	3.27	2.85	2.95	2.44	2.24	2.31	2.23	1.94		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_2	24261	48.40	41.76	38.21	36.02	34.30	34.56	35.73	35.75	33.91	33.21	33.95	35.12	36.01	36.97	40.01	41.37	48.05	50.32	60.87	56.66	52.01	46.76	45.04	39.95		
		2.48	2.14	1.68	1.58	1.29	1.33	1.51	1.60	1.61	1.73	1.98	2.05	2.29	2.45	2.65	2.78	3.27	2.85	2.95	2.44	2.24	2.31	2.23	1.94		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK HUDSON___FALLS	24011	47.62	41.16	37.92	35.82	34.26	34.49	35.42	35.20	33.04	32.08	32.44	33.36	34.12	34.65	37.62	39.01	45.32	48.57	60.12	56.45	51.96	46.50	44.74	39.72		
		1.70	1.55	1.39	1.38	1.25	1.26	1.20	1.06	0.74	0.60	0.48	0.30	0.40	0.14	0.26	0.42	0.54	1.09	2.20	2.22	2.19	2.04	1.93	1.71		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK RESOURCE___RCVRY	23798	47.99	41.48	38.17	36.06	34.53	34.69	35.66	35.41	33.17	32.23	32.54	33.50	34.26	34.79	37.73	39.17	45.54	48.90	60.64	56.99	52.46	46.90	45.08	40.06		
		2.07	1.86	1.65	1.62	1.52	1.46	1.44	1.26	0.87	0.75	0.58	0.43	0.54	0.27	0.37	0.58	0.76	1.42	2.72	2.76	2.69	2.44	2.27	2.05		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK S GLENS___FALLS	24028	47.62	41.16	37.92	35.82	34.26	34.49	35.42	35.20	33.04	32.08	32.44	33.36	34.12	34.65	37.62	39.01	45.32	48.57	60.12	56.45	51.96	46.50	44.74	39.72		
		1.70	1.55	1.39	1.38	1.25	1.26	1.20	1.06	0.74	0.60	0.48	0.30	0.40	0.14	0.26	0.42	0.54	1.09	2.20	2.22	2.19	2.04	1.93	1.71		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK_NYS___DAM	23527	46.98	40.73	37.48	35.54	34.13	34.36	35.25	35.10	33.20	32.42	32.89	33.79	34.53	35.28	38.32	39.86	45.99	48.85	59.37	55.58	51.02	45.83	43.97	39.12		
		1.06	1.11	0.95	1.10	1.12	1.13	1.03	0.95	0.90	0.94	0.93	0.73	0.81	0.76	0.97	1.27	1.21	1.38	1.45	1.36	1.24	1.38	1.16	1.10		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AIR_PRODUCTS___DRP	24190	45.64	39.66	36.53	34.51	33.04	33.29	34.22	34.08	32.20	31.38	31.96	32.93	33.65	34.45	37.32	38.67	44.69	47.33	57.69	53.95	49.52	44.36	42.73	38.09		
		-0.28	0.04	0.00	0.07	0.03	0.07	0.00	-0.07	-0.10	-0.09	0.00	-0.13	-0.07	-0.07	-0.04	0.08	-0.09	-0.14	-0.23	-0.27	-0.25	-0.09	-0.09	0.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AKWESSNE_115KV_BK	355683	46.20	39.94	36.86	34.78	33.31	33.59	34.53	34.38	32.56	31.73	32.22	33.33	34.06	34.86	37.65	38.86	45.10	47.57	57.98	54.22	50.17	44.85	43.16	38.39		
		0.28	0.32	0.33	0.34	0.30	0.37	0.31	0.24	0.26	0.25	0.26	0.26	0.34	0.35	0.30	0.27	0.31	0.09	0.06	0.00	0.40	0.40	0.34	0.38		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR	323833	46.84	40.53	37.33	35.23	33.74	33.93	34.84	34.59	32.46	31.57	32.09	33.10	33.85	34.62	37.51	38.90	45.18	48.14	59.02	55.31	50.67	45.39	43.71	38.92		
		0.92	0.91	0.80	0.79	0.73	0.70	0.62	0.44	0.16	0.09	0.13	0.03	0.14	0.10	0.15	0.31	0.40	0.66	1.10	1.08	0.90	0.93	0.90	0.91		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_2_SOLAR	323834	46.79	40.53	37.30	35.23	33.74	33.93	34.84	34.59	32.46	31.57	32.09	33.10	33.85	34.62	37.51	38.90	45.18	48.14	58.96	55.25	50.67	45.39	43.71	38.92		
		0.87	0.91	0.77	0.79	0.73	0.70	0.62	0.44	0.16	0.09	0.13	0.03	0.14	0.10	0.15	0.31	0.40	0.66	1.04	1.03	0.90	0.93	0.90	0.91		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY___1	23571	45.64	39.66	36.53	34.51	33.04	33.29	34.22	34.08	32.20	31.38	31.96	32.93	33.65	34.45	37.32	38.67	44.69	47.33	57.69	53.95	49.52	44.36	42.73	38.09		
		-0.28	0.04	0.00	0.07	0.03	0.07	0.00	-0.07	-0.10	-0.09	0.00	-0.13	-0.07	-0.07	-0.04	0.08	-0.09	-0.14	-0.23	-0.27	-0.25	-0.09	-0.09	0.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.64 -0.28 0.00	39.66 0.04 0.00	36.53 0.00 0.00	34.51 0.07 0.00	33.04 0.03 0.00	33.29 0.07 0.00	34.22 0.00 0.00	34.08 -0.07 0.00	32.20 -0.10 0.00	31.38 -0.09 0.00	31.96 0.00 0.00	32.93 -0.13 0.00	33.65 -0.07 0.00	34.45 -0.07 0.00	37.32 -0.04 0.00	38.67 0.08 0.00	44.69 -0.09 0.00	47.33 -0.14 0.00	57.69 -0.23 0.00	53.95 -0.27 0.00	49.52 -0.25 0.00	44.36 -0.09 0.00	42.73 -0.09 0.00	38.09 0.08 0.00
ALBANY___3 23573	45.64 -0.28 0.00	39.66 0.04 0.00	36.53 0.00 0.00	34.51 0.07 0.00	33.04 0.03 0.00	33.29 0.07 0.00	34.22 0.00 0.00	34.08 -0.07 0.00	32.20 -0.10 0.00	31.38 -0.09 0.00	31.96 0.00 0.00	32.93 -0.13 0.00	33.65 -0.07 0.00	34.45 -0.07 0.00	37.32 -0.04 0.00	38.67 0.08 0.00	44.69 -0.09 0.00	47.33 -0.14 0.00	57.69 -0.23 0.00	53.95 -0.27 0.00	49.52 -0.25 0.00	44.36 -0.09 0.00	42.73 -0.09 0.00	38.09 0.08 0.00
ALBANY___4 23574	45.64 -0.28 0.00	39.66 0.04 0.00	36.53 0.00 0.00	34.51 0.07 0.00	33.04 0.03 0.00	33.29 0.07 0.00	34.22 0.00 0.00	34.08 -0.07 0.00	32.20 -0.10 0.00	31.38 -0.09 0.00	31.96 0.00 0.00	32.93 -0.13 0.00	33.65 -0.07 0.00	34.45 -0.07 0.00	37.32 -0.04 0.00	38.67 0.08 0.00	44.69 -0.09 0.00	47.33 -0.14 0.00	57.69 -0.23 0.00	53.95 -0.27 0.00	49.52 -0.25 0.00	44.36 -0.09 0.00	42.73 -0.09 0.00	38.09 0.08 0.00
ALBANY___LFGE 323615	46.06 0.14 0.00	39.97 0.36 0.00	36.82 0.29 0.00	34.78 0.34 0.00	33.34 0.33 0.00	33.53 0.30 0.00	34.49 0.27 0.00	34.32 0.17 0.00	32.40 0.10 0.00	31.61 0.13 0.00	32.16 0.19 0.00	33.13 0.07 0.00	33.89 0.17 0.00	34.69 0.17 0.00	37.58 0.23 0.00	38.93 0.35 0.00	45.01 0.23 0.00	47.76 0.29 0.00	58.21 0.29 0.00	54.50 0.27 0.00	49.97 0.20 0.00	44.77 0.31 0.00	43.11 0.30 0.00	38.43 0.42 0.00
ALCOA_PA_115KV_PL-6C 55860	46.52 0.60 0.00	40.10 0.48 0.00	37.00 0.47 0.00	34.92 0.48 0.00	33.44 0.43 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.49 0.34 0.00	32.65 0.36 0.00	31.79 0.31 0.00	32.28 0.32 0.00	33.43 0.36 0.00	34.12 0.41 0.00	34.93 0.42 0.00	37.80 0.45 0.00	38.93 0.35 0.00	45.23 0.45 0.00	47.90 0.43 0.00	58.50 0.58 0.00	54.77 0.54 0.00	50.52 0.75 0.00	45.03 0.58 0.00	43.33 0.52 0.00	38.54 0.53 0.00
ALCOA_RYNLDS___DRP 24188	46.52 0.60 0.00	40.09 0.48 0.00	37.00 0.47 0.00	34.92 0.48 0.00	33.44 0.43 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.49 0.34 0.00	32.65 0.36 0.00	31.79 0.31 0.00	32.28 0.32 0.00	33.43 0.36 0.00	34.12 0.40 0.00	34.93 0.41 0.00	37.73 0.37 0.00	38.97 0.39 0.00	45.23 0.45 0.00	47.90 0.43 0.00	58.50 0.58 0.00	54.71 0.49 0.00	50.52 0.75 0.00	45.03 0.58 0.00	43.33 0.51 0.00	38.54 0.53 0.00
ALCOA___DSASP 323711	46.52 0.60 0.00	40.09 0.48 0.00	37.00 0.47 0.00	34.92 0.48 0.00	33.44 0.43 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.49 0.34 0.00	32.65 0.36 0.00	31.79 0.31 0.00	32.28 0.32 0.00	33.43 0.36 0.00	34.12 0.40 0.00	34.93 0.41 0.00	37.73 0.37 0.00	38.97 0.39 0.00	45.23 0.45 0.00	47.90 0.43 0.00	58.50 0.58 0.00	54.71 0.49 0.00	50.52 0.75 0.00	45.03 0.58 0.00	43.33 0.51 0.00	38.54 0.53 0.00
ALLEGHENY___COGEN 23514	47.11 1.19 0.00	39.90 0.28 0.00	36.64 0.11 0.00	34.37 -0.07 0.00	33.27 0.26 0.00	33.43 0.20 0.00	34.49 0.27 0.00	34.79 0.65 0.00	32.88 0.58 0.00	31.45 -0.03 0.00	31.55 -0.42 0.00	32.70 -0.36 0.00	33.32 -0.40 0.00	34.10 -0.41 0.00	36.98 -0.37 0.00	38.13 -0.46 0.00	44.60 -0.18 0.01	48.09 0.62 0.00	59.95 2.03 0.00	56.51 2.33 0.05	51.71 1.94 0.00	44.98 1.29 0.77	44.18 1.37 0.00	38.88 0.87 0.01
ALTAMONT_115KV_TB 2 55880	46.33 0.41 0.00	40.09 0.48 0.00	36.93 0.40 0.00	34.85 0.41 0.00	33.37 0.36 0.00	33.63 0.40 0.00	34.60 0.38 0.00	34.45 0.31 0.00	32.56 0.26 0.00	31.73 0.25 0.00	32.28 0.32 0.00	33.30 0.23 0.00	34.02 0.30 0.00	34.86 0.35 0.00	37.77 0.41 0.00	39.09 0.50 0.00	45.32 0.54 0.00	48.00 0.52 0.00	58.50 0.58 0.00	54.77 0.54 0.00	50.22 0.45 0.00	44.94 0.49 0.00	43.28 0.47 0.00	38.51 0.49 0.00
ALTONA_WT_PWR 323606	46.52 0.60 0.00	40.10 0.48 0.00	37.04 0.51 0.00	34.96 0.52 0.00	33.47 0.46 0.00	33.76 0.53 0.00	34.70 0.48 0.00	34.59 0.44 0.00	32.75 0.45 0.00	31.92 0.44 0.00	32.38 0.41 0.00	33.53 0.46 0.00	34.22 0.51 0.00	35.00 0.48 0.00	37.88 0.52 0.00	39.01 0.43 0.00	45.28 0.49 0.00	48.00 0.52 0.00	58.62 0.70 0.00	54.88 0.65 0.00	50.52 0.75 0.00	44.99 0.54 0.00	43.33 0.52 0.00	38.54 0.53 0.00
AMERICAN_REF_FUEL 24010	43.21 -2.71 0.00	36.49 -3.13 0.00	33.53 -2.99 0.00	31.48 -2.96 0.00	30.50 -2.51 0.00	30.64 -2.59 0.00	31.62 -2.60 0.00	31.93 -2.22 0.00	30.97 -1.33 0.00	29.53 -1.95 0.00	29.76 -2.21 0.00	30.98 -2.08 0.00	31.56 -2.16 0.00	32.34 -2.17 0.00	35.08 -2.28 0.00	35.89 -2.70 0.00	41.28 -3.49 0.01	43.91 -3.56 0.00	53.92 -4.00 0.00	50.75 -3.41 0.06	46.44 -3.33 0.00	40.21 -3.33 0.91	40.03 -2.78 0.00	34.96 -3.04 0.01
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.68 -1.24 0.00	37.72 -1.90 0.00	34.63 -1.90 0.00	32.48 -1.96 0.00	31.49 -1.52 0.00	31.63 -1.59 0.00	32.72 -1.50 0.00	33.12 -1.02 0.00	31.68 -0.61 0.00	30.57 -0.91 0.00	30.84 -1.12 0.00	32.21 -0.86 0.00	32.88 -0.84 0.00	33.65 -0.86 0.00	36.50 -0.86 0.00	37.43 -1.16 0.00	43.03 -1.75 0.01	45.77 -1.71 0.00	56.36 -1.56 0.00	53.03 -1.14 0.05	48.18 -1.59 0.00	41.74 -1.91 0.81	41.02 -1.80 0.00	36.03 -1.98 0.01
ARTHUR KILL_GT_1 23520	33.97 2.76 14.70	28.48 2.34 13.48	38.32 1.79 0.00	36.09 1.65 0.00	34.33 1.32 0.00	34.49 1.26 0.00	35.66 1.44 0.00	35.65 1.50 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.75 1.79 0.00	34.98 1.92 0.00	35.88 2.16 0.00	36.86 2.35 0.00	39.90 2.54 0.00	41.29 2.70 0.00	48.14 3.36 0.00	50.18 2.71 0.00	60.24 2.32 0.00	55.91 1.68 0.00	52.11 2.34 0.00	47.03 2.58 0.00	45.30 2.48 0.00	40.26 2.24 0.00
ARTHUR_KILL_2 23512	33.83 2.62 14.70	28.36 2.22 13.48	38.21 1.68 0.00	35.99 1.55 0.00	34.30 1.29 0.00	34.39 1.16 0.00	35.59 1.37 0.00	35.51 1.37 0.00	33.69 1.39 0.00	32.96 1.48 0.00	33.66 1.69 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.76 2.24 0.00	39.75 2.39 0.00	41.17 2.59 0.00	48.18 3.40 0.00	49.99 2.51 0.00	60.00 2.08 0.00	55.69 1.46 0.00	51.86 2.09 0.00	46.90 2.44 0.00	45.12 2.31 0.00	40.10 2.09 0.00
ARTHUR_KILL_3 23513	33.19 1.97 14.70	27.88 1.74 13.48	37.84 1.31 0.00	35.64 1.20 0.00	34.03 1.02 0.00	34.22 1.00 0.00	35.42 1.20 0.00	35.41 1.26 0.00	33.65 1.36 0.00	32.96 1.48 0.00	33.59 1.63 0.00	34.75 1.69 0.00	35.64 1.92 0.00	36.62 2.11 0.00	39.60 2.24 0.00	40.98 2.39 0.00	47.78 3.00 0.00	49.99 2.51 0.00	60.30 2.38 0.00	56.12 1.90 0.00	51.47 1.69 0.00	46.28 1.82 0.00	44.57 1.76 0.00	39.53 1.52 0.00

ARTHUR_KILL_COGEN 323718	33.97 2.76 14.70	28.48 2.34 13.48	38.35 1.83 0.00	36.09 1.65 0.00	34.40 1.39 0.00	34.49 1.26 0.00	35.69 1.47 0.00	35.61 1.47 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.75 1.79 0.00	34.98 1.92 0.00	35.88 2.16 0.00	36.87 2.35 0.00	39.86 2.50 0.00	41.29 2.70 0.00	48.32 3.54 0.00	50.18 2.70 0.00	60.24 2.32 0.00	55.91 1.68 0.00	52.06 2.29 0.00	47.03 2.58 0.00	45.29 2.48 0.00	40.25 2.24 0.00
ASHOKAN____ 23654	47.89 1.97 0.00	41.36 1.74 0.00	37.99 1.46 0.00	35.78 1.34 0.00	34.13 1.12 0.00	34.22 1.00 0.00	35.01 0.79 0.00	34.66 0.51 0.00	32.27 -0.03 0.00	31.42 -0.06 0.00	32.00 0.03 0.00	33.00 -0.07 0.00	33.82 0.10 0.00	34.73 0.21 0.00	37.73 0.37 0.00	39.28 0.70 0.00	46.17 1.39 0.00	49.14 1.66 0.00	60.24 2.32 0.00	56.28 2.06 0.00	51.51 1.74 0.00	46.05 1.60 0.00	44.44 1.63 0.00	39.57 1.56 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.26 2.34 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.12 0.90 0.00	35.24 1.03 0.01	35.23 1.09 0.01	33.52 1.23 0.01	32.79 1.32 0.01	33.46 1.50 0.01	34.65 1.59 0.01	35.50 1.79 0.01	36.48 1.97 0.01	39.44 2.09 0.01	40.78 2.20 0.01	47.64 2.87 0.01	49.75 2.28 0.01	59.94 2.03 0.01	55.73 1.52 0.01	51.26 1.49 0.01	46.13 1.69 0.01	44.44 1.63 0.00	39.65 1.63 0.00
ASTORIA_EAST_ENERGY_CC2 323582	48.26 2.34 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.12 0.90 0.00	35.24 1.03 0.01	35.23 1.09 0.01	33.52 1.23 0.01	32.79 1.32 0.01	33.46 1.50 0.01	34.65 1.59 0.01	35.50 1.79 0.01	36.48 1.97 0.01	39.44 2.09 0.01	40.78 2.20 0.01	47.64 2.87 0.01	49.75 2.28 0.01	59.94 2.03 0.01	55.73 1.52 0.01	51.26 1.49 0.01	46.13 1.69 0.01	44.44 1.63 0.00	39.65 1.63 0.00
ASTORIA_GT2_1 24094	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00
ASTORIA_GT2_2 24095	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00
ASTORIA_GT2_3 24096	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00
ASTORIA_GT2_4 24097	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00
ASTORIA_GT3_1 24098	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00
ASTORIA_GT3_2 24099	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00
ASTORIA_GT3_3 24100	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00
ASTORIA_GT3_4 24101	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00
ASTORIA_GT4_1 24102	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00
ASTORIA_GT4_2 24103	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00
ASTORIA_GT4_3 24104	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00

ASTORIA_GT4_4 24105	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.10 1.09 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.27 1.13 0.00	33.46 1.16 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.54 1.82 0.00	36.52 2.00 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.66 2.18 0.00	60.01 2.09 0.00	55.80 1.57 0.00	51.36 1.59 0.00	46.14 1.69 0.00	44.48 1.67 0.00	39.68 1.67 0.00
ASTORIA_GT_1 23523	48.40 2.48 0.00	41.68 2.06 0.00	38.13 1.61 0.00	35.92 1.48 0.00	34.13 1.12 0.00	34.19 0.96 0.00	35.32 1.10 0.00	35.34 1.20 0.00	33.56 1.26 0.00	32.86 1.39 0.00	33.56 1.60 0.00	34.72 1.65 0.00	35.61 1.89 0.00	36.59 2.07 0.00	39.56 2.20 0.00	40.90 2.32 0.00	47.60 2.82 0.00	49.80 2.33 0.00	60.18 2.26 0.00	55.96 1.74 0.00	51.46 1.69 0.00	46.23 1.78 0.00	44.57 1.76 0.00	39.76 1.75 0.00
ASTORIA_GT_10 24110	48.26 2.34 0.00	41.64 2.02 0.00	38.06 1.53 0.00	35.89 1.45 0.00	34.17 1.16 0.00	34.32 1.10 0.00	35.49 1.27 0.00	35.51 1.37 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.06 2.47 0.00	47.74 2.96 0.00	49.94 2.47 0.00	60.35 2.43 0.00	56.18 1.95 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.80 1.79 0.00
ASTORIA_GT_11 24225	48.26 2.34 0.00	41.64 2.02 0.00	38.06 1.53 0.00	35.89 1.45 0.00	34.17 1.16 0.00	34.32 1.10 0.00	35.49 1.27 0.00	35.51 1.37 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.06 2.47 0.00	47.74 2.96 0.00	49.94 2.47 0.00	60.35 2.43 0.00	56.18 1.95 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.80 1.79 0.00
ASTORIA_GT_12 24226	48.26 2.34 0.00	41.64 2.02 0.00	38.06 1.53 0.00	35.89 1.45 0.00	34.17 1.16 0.00	34.32 1.10 0.00	35.49 1.27 0.00	35.51 1.37 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.06 2.47 0.00	47.74 2.96 0.00	49.94 2.47 0.00	60.35 2.43 0.00	56.18 1.95 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.80 1.79 0.00
ASTORIA_GT_13 24227	48.26 2.34 0.00	41.64 2.02 0.00	38.06 1.53 0.00	35.89 1.45 0.00	34.17 1.16 0.00	34.32 1.10 0.00	35.49 1.27 0.00	35.51 1.37 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.06 2.47 0.00	47.74 2.96 0.00	49.94 2.47 0.00	60.35 2.43 0.00	56.18 1.95 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.80 1.79 0.00
ASTORIA_GT_5 24106	48.40 2.48 0.00	41.68 2.06 0.00	38.13 1.61 0.00	35.92 1.48 0.00	34.13 1.12 0.00	34.19 0.96 0.00	35.32 1.10 0.00	35.34 1.20 0.00	33.56 1.26 0.00	32.86 1.39 0.00	33.56 1.60 0.00	34.72 1.65 0.00	35.61 1.89 0.00	36.59 2.07 0.00	39.56 2.20 0.00	40.90 2.32 0.00	47.60 2.82 0.00	49.80 2.33 0.00	60.18 2.26 0.00	55.96 1.74 0.00	51.46 1.69 0.00	46.23 1.78 0.00	44.57 1.76 0.00	39.76 1.75 0.00
ASTORIA_GT_7 24107	48.40 2.48 0.00	41.68 2.06 0.00	38.13 1.61 0.00	35.92 1.48 0.00	34.13 1.12 0.00	34.19 0.96 0.00	35.32 1.10 0.00	35.34 1.20 0.00	33.56 1.26 0.00	32.86 1.39 0.00	33.56 1.60 0.00	34.72 1.65 0.00	35.61 1.89 0.00	36.59 2.07 0.00	39.56 2.20 0.00	40.90 2.32 0.00	47.60 2.82 0.00	49.80 2.33 0.00	60.18 2.26 0.00	55.96 1.74 0.00	51.46 1.69 0.00	46.23 1.78 0.00	44.57 1.76 0.00	39.76 1.75 0.00
ASTORIA_GT_8 24108	48.40 2.48 0.00	41.68 2.06 0.00	38.13 1.61 0.00	35.92 1.48 0.00	34.13 1.12 0.00	34.19 0.96 0.00	35.32 1.10 0.00	35.34 1.20 0.00	33.56 1.26 0.00	32.86 1.39 0.00	33.56 1.60 0.00	34.72 1.65 0.00	35.61 1.89 0.00	36.59 2.07 0.00	39.56 2.20 0.00	40.90 2.32 0.00	47.60 2.82 0.00	49.80 2.33 0.00	60.18 2.26 0.00	55.96 1.74 0.00	51.46 1.69 0.00	46.23 1.78 0.00	44.57 1.76 0.00	39.76 1.75 0.00
ASTORIA___2 24149	48.31 2.39 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.16 1.15 0.00	34.16 0.93 0.00	35.27 1.06 0.01	35.23 1.09 0.01	33.55 1.26 0.01	32.82 1.35 0.01	33.46 1.50 0.01	34.65 1.59 0.01	35.53 1.82 0.01	36.51 2.00 0.01	39.44 2.09 0.01	40.82 2.24 0.01	47.68 2.91 0.01	49.79 2.33 0.01	59.94 2.03 0.01	55.79 1.57 0.01	51.31 1.54 0.01	46.13 1.69 0.01	44.44 1.63 0.00	39.68 1.67 0.00
ASTORIA___3 23516	48.26 2.34 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.23 1.22 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.47 1.33 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.67 2.32 0.00	41.06 2.47 0.00	47.96 3.18 0.00	50.08 2.61 0.00	60.35 2.43 0.00	56.17 1.95 0.00	51.61 1.84 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.76 1.75 0.00
ASTORIA___4 23517	48.26 2.34 0.00	41.64 2.02 0.00	38.06 1.53 0.00	35.89 1.45 0.00	34.17 1.16 0.00	34.32 1.10 0.00	35.49 1.27 0.00	35.51 1.37 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.06 2.47 0.00	47.74 2.96 0.00	49.94 2.47 0.00	60.35 2.43 0.00	56.18 1.95 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.80 1.79 0.00
ASTORIA___5 23518	48.26 2.34 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.23 1.22 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.47 1.33 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.67 2.32 0.00	41.06 2.47 0.00	47.96 3.18 0.00	50.08 2.61 0.00	60.35 2.43 0.00	56.17 1.95 0.00	51.61 1.84 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.76 1.75 0.00
AST_ENERGY_2_CC3 323677	48.08 2.16 0.00	41.52 1.90 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.51 1.37 0.00	33.75 1.45 0.00	33.02 1.54 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.08 2.61 0.00	60.39 2.49 0.02	56.22 2.01 0.02	51.54 1.79 0.02	46.46 2.00 0.00	44.74 1.93 0.00	39.72 1.71 0.00
AST_ENERGY_2_CC4 323678	48.08 2.16 0.00	41.52 1.90 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.51 1.37 0.00	33.75 1.45 0.00	33.02 1.54 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.08 2.61 0.00	60.39 2.49 0.02	56.22 2.01 0.02	51.54 1.79 0.02	46.46 2.00 0.00	44.74 1.93 0.00	39.72 1.71 0.00

ATHENS_STG_1 23668	46.70 0.78 0.00	40.37 0.75 0.00	37.15 0.62 0.00	35.02 0.58 0.00	33.54 0.53 0.00	33.73 0.50 0.00	34.77 0.55 0.00	34.69 0.54 0.00	32.81 0.52 0.00	32.05 0.57 0.00	32.60 0.64 0.00	33.69 0.63 0.00	34.46 0.74 0.00	35.34 0.83 0.00	38.25 0.90 0.00	39.59 1.00 0.00	45.90 1.12 0.00	48.47 1.00 0.00	58.90 0.98 0.00	55.04 0.81 0.00	50.42 0.65 0.00	45.16 0.71 0.00	43.50 0.68 0.00	38.73 0.72 0.00
ATHENS_STG_2 23670	46.70 0.78 0.00	40.37 0.75 0.00	37.15 0.62 0.00	35.02 0.58 0.00	33.54 0.53 0.00	33.73 0.50 0.00	34.77 0.55 0.00	34.69 0.54 0.00	32.81 0.52 0.00	32.05 0.57 0.00	32.60 0.64 0.00	33.69 0.63 0.00	34.46 0.74 0.00	35.34 0.83 0.00	38.25 0.90 0.00	39.59 1.00 0.00	45.90 1.12 0.00	48.47 1.00 0.00	58.90 0.98 0.00	55.04 0.81 0.00	50.42 0.65 0.00	45.16 0.71 0.00	43.50 0.68 0.00	38.73 0.72 0.00
ATHENS_STG_3 23677	46.70 0.78 0.00	40.37 0.75 0.00	37.15 0.62 0.00	35.02 0.58 0.00	33.54 0.53 0.00	33.73 0.50 0.00	34.77 0.55 0.00	34.69 0.54 0.00	32.81 0.52 0.00	32.05 0.57 0.00	32.60 0.64 0.00	33.69 0.63 0.00	34.46 0.74 0.00	35.34 0.83 0.00	38.25 0.90 0.00	39.59 1.00 0.00	45.90 1.12 0.00	48.47 1.00 0.00	58.90 0.98 0.00	55.04 0.81 0.00	50.42 0.65 0.00	45.16 0.71 0.00	43.50 0.68 0.00	38.73 0.72 0.00
AUBURN____LFGE 323710	45.78 -0.14 0.00	39.30 -0.32 0.00	36.20 -0.33 0.00	34.09 -0.34 0.00	32.78 -0.23 0.00	32.93 -0.30 0.00	33.98 -0.24 0.00	33.97 -0.17 0.00	32.10 -0.19 0.00	31.23 -0.25 0.00	31.61 -0.35 0.00	32.84 -0.23 0.00	33.38 -0.34 0.00	34.14 -0.38 0.00	36.98 -0.37 0.00	38.13 -0.46 0.00	44.38 -0.40 0.00	47.28 -0.19 0.00	58.31 0.12 -0.27	54.67 0.33 -0.12	49.92 0.15 0.00	44.41 -0.04 0.00	42.77 -0.04 0.00	37.82 -0.19 0.00
BABYLON_RES_REC 323704	49.00 3.08 0.00	42.47 2.85 0.00	38.98 2.45 0.00	36.64 2.21 0.00	34.92 1.91 0.00	35.15 1.93 0.00	36.10 1.88 0.00	36.12 1.98 0.00	34.59 2.29 0.00	33.78 2.30 -0.01	37.36 2.27 -3.12	39.99 2.35 -4.57	41.51 2.53 -5.26	47.22 2.69 -10.00	49.76 2.95 -9.46	50.86 3.16 -9.11	53.18 3.89 -4.50	62.13 3.61 -11.05	61.86 3.94 0.00	57.42 3.20 0.00	52.86 3.09 0.00	49.34 3.02 -1.86	45.68 2.87 0.00	40.52 2.51 0.00
BALL_HILL_WT_PWR 323825	44.13 -1.79 0.00	37.24 -2.38 0.00	34.19 -2.34 0.00	32.10 -2.34 0.00	31.09 -1.92 0.00	31.23 -1.99 0.00	32.30 -1.92 0.00	32.74 -1.40 0.00	31.39 -0.90 0.00	30.22 -1.26 0.00	30.49 -1.47 0.00	31.81 -1.26 0.00	32.47 -1.25 0.00	33.27 -1.24 0.00	36.08 -1.27 0.00	36.97 -1.62 0.00	42.58 -2.19 0.01	45.29 -2.18 0.00	55.72 -2.20 0.00	52.43 -1.74 0.05	47.88 -1.89 0.00	41.39 -2.22 0.84	40.84 -1.97 0.00	35.84 -2.17 0.01
BARON_WINDS____WT_PWR 323822	45.05 -0.87 0.00	38.35 -1.27 0.00	35.25 -1.28 0.00	33.13 -1.31 0.00	31.95 -1.06 0.00	32.10 -1.13 0.00	33.12 -1.10 0.00	33.29 -0.85 0.00	31.56 -0.74 0.00	30.44 -1.04 0.00	30.68 -1.28 0.00	31.94 -1.12 0.00	32.61 -1.11 0.00	33.38 -1.14 0.00	36.16 -1.20 0.00	37.16 -1.43 0.00	43.07 -1.70 0.01	45.95 -1.52 0.00	56.77 -1.22 -0.07	53.73 -0.49 0.01	49.07 -0.70 0.00	42.88 -0.98 0.59	41.96 -0.86 0.00	36.94 -1.06 0.01
BARRETT_IC_1 23704	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT_IC_10 23701	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT_IC_11 23702	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT_IC_12 23703	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT_IC_2 23705	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT_IC_3 23706	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT_IC_4 23707	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT_IC_5 23708	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00

BARRETT_IC_6 23709	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT_IC_7 23710	48.35 2.43 0.00	41.92 2.30 0.00	38.46 1.94 0.00	36.20 1.76 0.00	34.40 1.39 0.00	34.72 1.50 0.00	35.69 1.47 0.00	35.71 1.57 0.00	33.91 1.61 0.00	33.40 1.92 0.00	37.10 2.01 -3.12	39.72 2.08 -4.57	41.27 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.42 3.13 -4.50	61.42 2.90 -11.05	61.16 3.24 0.00	56.77 2.55 0.00	52.06 2.29 0.00	48.67 2.36 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT_IC_8 23711	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT_IC_9 23700	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT___1 23545	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BARRETT___2 23546	48.35 2.43 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.79 1.57 0.00	35.78 1.64 0.00	34.20 1.91 0.00	33.41 1.92 -0.01	37.07 1.98 -3.12	39.72 2.08 -4.57	41.28 2.29 -5.26	46.87 2.35 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.55 3.27 -4.50	61.51 2.99 -11.05	60.99 3.07 0.00	56.77 2.55 0.00	52.16 2.39 0.00	48.67 2.35 -1.86	45.17 2.35 0.00	40.10 2.09 0.00
BATAVIA__115KV_TB1 55881	45.14 -0.78 0.00	38.19 -1.43 0.00	35.07 -1.46 0.00	32.92 -1.52 0.00	31.79 -1.22 0.00	31.93 -1.30 0.00	33.19 -1.03 0.00	33.50 -0.65 0.00	32.04 -0.26 0.00	30.88 -0.60 0.00	30.81 -1.15 0.00	32.27 -0.79 0.00	32.87 -0.84 0.00	33.69 -0.83 0.00	36.57 -0.78 0.00	37.43 -1.16 0.00	43.38 -1.39 0.01	46.38 -1.09 0.00	56.76 -1.16 0.00	53.46 -0.70 0.06	48.78 -1.00 0.00	42.22 -1.29 0.94	41.74 -1.07 0.00	36.71 -1.29 0.01
BAYONEEC___CTG1 323682	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.68 1.67 0.00
BAYONEEC___CTG10 323750	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.68 1.67 0.00
BAYONEEC___CTG2 323683	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.68 1.67 0.00
BAYONEEC___CTG3 323684	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.68 1.67 0.00
BAYONEEC___CTG4 323685	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.68 1.67 0.00
BAYONEEC___CTG5 323686	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.68 1.67 0.00
BAYONEEC___CTG6 323687	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.68 1.67 0.00
BAYONEEC___CTG7 323688	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.68 1.67 0.00

BAYONEEC___CTG8 323689	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.68 1.67 0.00
BAYONEEC___CTG9 323749	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.68 1.67 0.00
BAYPORT_69_KV_BK 2 356364	49.78 3.86 0.00	43.18 3.57 0.00	39.52 3.00 0.00	37.16 2.72 0.00	35.29 2.28 0.00	35.62 2.39 0.00	36.55 2.33 0.00	36.60 2.46 0.00	34.82 2.52 0.00	34.41 2.93 -3.12	37.93 2.84 -4.57	40.52 2.88 -5.26	42.05 3.07 -10.00	47.77 3.24 -9.46	50.40 3.59 -9.11	51.56 3.86 -4.50	54.08 4.79 -11.06	63.14 4.61 0.00	63.19 5.27 0.00	58.51 4.28 0.00	53.60 3.83 0.00	50.05 3.73 -1.86	46.37 3.55 0.00	41.09 3.08 0.00
BEACON___LESR 323632	46.33 0.41 0.00	40.21 0.60 0.00	37.00 0.47 0.00	34.96 0.52 0.00	33.51 0.50 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.52 0.38 0.00	32.56 0.26 0.00	31.73 0.25 0.00	32.28 0.32 0.00	33.27 0.20 0.00	34.02 0.30 0.00	34.79 0.27 0.00	37.69 0.34 0.00	39.09 0.50 0.00	45.23 0.45 0.00	48.05 0.57 0.00	58.62 0.70 0.00	54.88 0.65 0.00	50.32 0.55 0.00	45.07 0.62 0.00	43.41 0.60 0.00	38.66 0.65 0.00
BEAVER RIVER___HYD 24048	47.16 1.24 0.00	40.69 1.07 0.00	37.40 0.88 0.00	35.13 0.69 0.00	33.64 0.63 0.00	33.99 0.76 0.00	35.14 0.92 0.00	34.79 0.65 0.00	32.59 0.29 0.00	31.70 0.22 0.00	32.09 0.13 0.00	33.00 -0.07 0.00	33.55 -0.17 0.00	34.31 -0.21 0.00	37.17 -0.19 0.00	38.36 -0.23 0.00	44.78 0.00 0.00	48.14 0.66 0.00	59.45 1.39 -0.15	55.70 1.41 -0.07	51.22 1.44 0.00	45.65 1.20 0.00	44.10 1.28 0.00	39.04 1.03 0.00
BEEBEE_GT_13 23619	45.09 -0.83 0.00	38.27 -1.35 0.00	35.21 -1.31 0.00	33.10 -1.34 0.00	31.99 -1.02 0.00	32.13 -1.10 0.00	33.19 -1.03 0.00	33.50 -0.65 0.00	31.98 -0.32 0.00	30.98 -0.50 0.00	31.13 -0.83 0.00	32.50 -0.56 0.00	33.11 -0.61 0.00	33.90 -0.62 0.00	36.72 -0.64 0.00	37.62 -0.96 0.00	43.70 -1.07 0.01	46.57 -0.90 0.00	57.23 -0.70 0.00	53.78 -0.38 0.06	49.17 -0.60 0.00	42.66 -0.80 0.99	42.08 -0.73 0.00	37.13 -0.87 0.01
BENSHRST_27_KV_BENSHRST_1 355998	48.72 2.80 0.00	41.96 2.34 0.00	38.35 1.83 0.00	36.13 1.69 0.00	34.36 1.35 0.00	34.52 1.30 0.00	35.73 1.51 0.00	35.68 1.54 0.00	33.82 1.52 0.00	33.12 1.64 0.00	33.88 1.92 0.00	35.12 2.05 0.00	36.01 2.29 0.00	37.00 2.49 0.00	40.01 2.65 0.00	41.37 2.78 0.00	48.19 3.40 0.00	50.37 2.90 0.00	60.76 2.84 0.00	56.45 2.22 0.00	52.16 2.39 0.00	46.94 2.49 0.00	45.21 2.40 0.00	40.18 2.17 0.00
BETHLEHEM___GRP 23843	45.64 -0.28 0.00	39.66 0.04 0.00	36.53 0.00 0.00	34.51 0.07 0.00	33.04 0.03 0.00	33.29 0.07 0.00	34.22 0.00 0.00	34.08 -0.07 0.00	32.20 -0.10 0.00	31.38 -0.09 0.00	31.96 0.00 0.00	32.93 -0.13 0.00	33.65 -0.07 0.00	34.45 -0.07 0.00	37.32 -0.04 0.00	38.67 0.08 0.00	44.69 -0.09 0.00	47.33 -0.14 0.00	57.69 -0.23 0.00	53.95 -0.27 0.00	49.52 -0.25 0.00	44.36 -0.09 0.00	42.73 -0.09 0.00	38.09 0.08 0.00
BETHLEHEM___GS1 323560	45.65 -0.27 0.00	39.66 0.04 0.00	36.53 0.00 0.00	34.51 0.07 0.00	33.08 0.07 0.00	33.29 0.07 0.00	34.22 0.00 0.00	34.08 -0.07 0.00	32.17 -0.13 0.00	31.38 -0.09 0.00	31.93 -0.03 0.00	32.94 -0.13 0.00	33.65 -0.07 0.00	34.45 -0.07 0.00	37.32 -0.04 0.00	38.67 0.08 0.00	44.69 -0.09 0.00	47.33 -0.14 0.00	57.69 -0.23 0.00	53.95 -0.27 0.00	49.47 -0.30 0.00	44.36 -0.09 0.00	42.73 -0.09 0.00	38.09 0.08 0.00
BETHLEHEM___GS2 323561	45.65 -0.27 0.00	39.66 0.04 0.00	36.53 0.00 0.00	34.51 0.07 0.00	33.08 0.07 0.00	33.29 0.07 0.00	34.22 0.00 0.00	34.08 -0.07 0.00	32.17 -0.13 0.00	31.38 -0.09 0.00	31.93 -0.03 0.00	32.94 -0.13 0.00	33.65 -0.07 0.00	34.45 -0.07 0.00	37.32 -0.04 0.00	38.67 0.08 0.00	44.69 -0.09 0.00	47.33 -0.14 0.00	57.69 -0.23 0.00	53.95 -0.27 0.00	49.47 -0.30 0.00	44.36 -0.09 0.00	42.73 -0.09 0.00	38.09 0.08 0.00
BETHLEHEM___GS3 323562	45.65 -0.27 0.00	39.66 0.04 0.00	36.53 0.00 0.00	34.51 0.07 0.00	33.08 0.07 0.00	33.29 0.07 0.00	34.22 0.00 0.00	34.08 -0.07 0.00	32.17 -0.13 0.00	31.38 -0.09 0.00	31.93 -0.03 0.00	32.94 -0.13 0.00	33.65 -0.07 0.00	34.45 -0.07 0.00	37.32 -0.04 0.00	38.67 0.08 0.00	44.69 -0.09 0.00	47.33 -0.14 0.00	57.69 -0.23 0.00	53.95 -0.27 0.00	49.47 -0.30 0.00	44.36 -0.09 0.00	42.73 -0.09 0.00	38.09 0.08 0.00
BETHLEHEM___STEEL 23779	43.81 -2.11 0.00	36.96 -2.65 0.00	33.93 -2.59 0.00	31.86 -2.58 0.00	30.86 -2.15 0.00	30.97 -2.26 0.00	32.17 -2.05 0.00	32.57 -1.57 0.00	31.23 -1.07 0.00	30.22 -1.26 0.00	30.08 -1.89 0.00	31.61 -1.45 0.00	32.20 -1.52 0.00	33.00 -1.52 0.00	35.82 -1.53 0.00	36.66 -1.93 0.00	42.22 -2.55 0.01	44.91 -2.56 0.00	55.20 -2.72 0.00	52.11 -2.06 0.05	47.48 -2.29 0.00	41.14 -2.44 0.87	40.54 -2.27 0.00	35.65 -2.36 0.01
BETHLHEM_115KV_TB1 79974	45.78 -0.14 0.00	39.74 0.12 0.00	36.60 0.07 0.00	34.58 0.14 0.00	33.11 0.10 0.00	33.36 0.13 0.00	34.29 0.07 0.00	34.14 0.00 0.00	32.27 -0.03 0.00	31.45 -0.03 0.00	32.03 0.06 0.00	33.00 -0.07 0.00	33.75 0.03 0.00	34.55 0.03 0.00	37.43 0.07 0.00	38.78 0.19 0.00	44.83 0.04 0.00	47.47 0.00 0.00	57.86 -0.06 0.00	54.12 -0.11 0.00	49.62 -0.15 0.00	44.45 0.00 0.00	42.86 0.04 0.00	38.16 0.15 0.00
BETHPAGE_CC_5 323564	48.63 2.71 0.00	42.16 2.54 0.00	38.76 2.23 0.00	36.47 2.03 0.00	34.76 1.75 0.00	34.99 1.76 0.00	35.96 1.74 0.00	35.99 1.84 0.00	34.43 2.13 0.00	33.66 2.17 -0.01	37.26 2.17 -3.12	39.92 2.28 -4.57	41.38 2.39 -5.26	47.11 2.59 -10.00	49.54 2.73 -9.46	50.56 2.86 -9.11	52.78 3.50 -4.50	61.71 3.18 -11.05	61.28 3.36 0.00	56.93 2.71 0.00	52.36 2.59 0.00	48.98 2.67 -1.86	45.42 2.61 0.00	40.37 2.36 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.76 -2.16 0.00	36.92 -2.69 0.00	33.90 -2.63 0.00	31.82 -2.62 0.00	30.83 -2.18 0.00	30.93 -2.29 0.00	32.13 -2.09 0.00	32.54 -1.60 0.00	31.20 -1.10 0.00	30.19 -1.29 0.00	30.08 -1.89 0.00	31.58 -1.49 0.00	32.17 -1.55 0.00	33.00 -1.52 0.00	35.82 -1.53 0.00	36.66 -1.93 0.00	42.17 -2.60 0.01	44.86 -2.61 0.00	55.14 -2.78 0.00	52.11 -2.06 0.05	47.48 -2.29 0.00	41.11 -2.49 0.86	40.50 -2.31 0.00	35.61 -2.39 0.01

BINGHAMTON___COGEN 23790	45.78 -0.14 0.00	39.30 -0.32 0.00	36.16 -0.37 0.00	34.03 -0.41 0.00	32.71 -0.30 0.00	32.86 -0.37 0.00	33.91 -0.31 0.00	33.91 -0.24 0.00	32.10 -0.19 0.00	31.26 -0.22 0.00	31.64 -0.32 0.00	32.90 -0.17 0.00	33.55 -0.17 0.00	34.38 -0.14 0.00	37.21 -0.15 0.00	38.40 -0.19 0.00	44.56 -0.22 0.00	47.38 -0.09 0.00	58.16 0.12 -0.13	54.59 0.33 -0.04	49.82 0.05 0.00	44.06 -0.13 0.26	42.64 -0.17 0.00	37.74 -0.27 0.00
BIXINCNT_115KV_LOAD 355685	44.27 -1.65 0.00	37.36 -2.26 0.00	34.30 -2.23 0.00	32.23 -2.20 0.00	31.23 -1.78 0.00	31.37 -1.86 0.00	32.54 -1.68 0.00	32.88 -1.26 0.00	31.43 -0.87 0.00	30.47 -1.01 0.00	30.46 -1.50 0.00	32.04 -1.03 0.00	32.67 -1.05 0.00	33.48 -1.04 0.00	36.31 -1.05 0.00	37.24 -1.35 0.00	42.89 -1.88 0.01	45.67 -1.80 0.00	56.12 -1.80 0.00	53.04 -1.14 0.05	48.18 -1.59 0.00	41.67 -2.00 0.79	40.84 -1.97 0.00	36.03 -1.98 0.01
BLACK RIVER___HYD 24047	47.71 1.79 0.00	41.16 1.54 0.00	37.81 1.28 0.00	35.40 0.96 0.00	33.90 0.89 0.00	34.29 1.06 0.00	35.52 1.30 0.00	35.07 0.92 0.00	32.75 0.45 0.00	31.86 0.38 0.00	32.19 0.23 0.00	32.94 -0.13 0.00	33.48 -0.23 0.00	34.21 -0.31 0.00	37.05 -0.30 0.00	38.24 -0.35 0.00	44.74 -0.04 0.00	48.71 1.23 0.00	60.60 2.43 -0.24	56.83 2.50 -0.11	52.11 2.34 0.00	46.50 2.05 0.00	44.69 1.88 0.00	39.57 1.56 0.00
BLACKRVR_115KV_TB2 79977	47.71 1.79 0.00	41.16 1.55 0.00	37.81 1.28 0.00	35.40 0.96 0.00	33.90 0.89 0.00	34.29 1.06 0.00	35.55 1.33 0.00	35.07 0.92 0.00	32.75 0.45 0.00	31.86 0.38 0.00	32.16 0.19 0.00	32.93 -0.13 0.00	33.48 -0.24 0.00	34.21 -0.31 0.00	37.02 -0.34 0.00	38.24 -0.35 0.00	44.74 -0.04 0.00	48.76 1.28 0.00	60.60 2.43 -0.24	56.83 2.49 -0.11	52.11 2.34 0.00	46.50 2.04 0.00	44.70 1.88 0.00	39.53 1.52 0.00
BLISS_WT_PWR 323608	44.31 -1.61 0.00	37.36 -2.26 0.00	34.30 -2.23 0.00	32.20 -2.24 0.00	31.26 -1.75 0.00	31.43 -1.79 0.00	32.48 -1.74 0.00	32.92 -1.23 0.00	31.49 -0.81 0.00	30.38 -1.10 0.00	30.62 -1.34 0.00	32.04 -1.03 0.00	32.67 -1.05 0.00	33.48 -1.03 0.00	36.31 -1.05 0.00	37.24 -1.35 0.00	42.89 -1.88 0.01	45.62 -1.85 0.00	56.12 -1.80 0.00	52.82 -1.35 0.05	48.13 -1.64 0.00	41.67 -2.00 0.79	40.97 -1.84 0.00	36.07 -1.94 0.01
BLUESTONE___WT_PWR 323821	47.85 1.93 0.00	41.16 1.54 0.00	37.81 1.28 0.00	35.47 1.03 0.00	34.00 0.99 0.00	34.29 1.06 0.00	35.25 1.03 0.00	35.07 0.92 0.00	32.88 0.58 0.00	31.98 0.50 0.00	32.32 0.35 0.00	33.63 0.56 0.00	34.39 0.67 0.00	35.21 0.69 0.00	38.10 0.75 0.00	39.24 0.66 0.00	45.72 0.94 0.00	48.85 1.38 0.00	60.29 2.22 -0.11	56.49 2.22 -0.04	51.66 1.89 0.00	45.75 1.51 0.21	44.22 1.41 0.00	39.19 1.18 0.00
BLUE_CIRC_CHEM_DRP 24182	46.52 0.60 0.00	40.29 0.67 0.00	37.08 0.55 0.00	35.02 0.59 0.00	33.54 0.53 0.00	33.76 0.53 0.00	34.66 0.44 0.00	34.49 0.34 0.00	32.46 0.16 0.00	31.60 0.13 0.00	32.19 0.22 0.00	33.17 0.10 0.00	33.89 0.17 0.00	34.69 0.17 0.00	37.62 0.26 0.00	38.94 0.35 0.00	45.19 0.40 0.00	48.00 0.52 0.00	58.62 0.70 0.00	54.93 0.70 0.00	50.37 0.60 0.00	45.08 0.62 0.00	43.45 0.64 0.00	38.66 0.65 0.00
BOC_GAS_DRP 24189	46.20 0.28 0.00	39.98 0.36 0.00	36.82 0.29 0.00	34.75 0.31 0.00	33.27 0.26 0.00	33.49 0.27 0.00	34.46 0.24 0.00	34.38 0.24 0.00	32.49 0.19 0.00	31.70 0.22 0.00	32.25 0.29 0.00	33.27 0.20 0.00	34.02 0.30 0.00	34.83 0.31 0.00	37.73 0.37 0.00	39.05 0.46 0.00	45.23 0.45 0.00	47.85 0.38 0.00	58.27 0.35 0.00	54.50 0.27 0.00	50.02 0.25 0.00	44.76 0.31 0.00	43.11 0.30 0.00	38.35 0.34 0.00
BOONVILLE_115KV_TB1 79983	46.98 1.06 0.00	40.53 0.91 0.00	37.29 0.77 0.00	35.06 0.62 0.00	33.60 0.59 0.00	33.89 0.66 0.00	35.01 0.79 0.00	34.76 0.61 0.00	32.65 0.36 0.00	31.79 0.31 0.00	32.22 0.26 0.00	33.30 0.23 0.00	33.92 0.20 0.00	34.69 0.17 0.00	37.58 0.22 0.00	38.78 0.19 0.00	45.14 0.36 0.00	48.19 0.71 0.00	59.27 1.27 -0.07	55.56 1.30 -0.03	50.97 1.19 0.00	45.48 1.02 0.00	43.80 0.98 0.00	38.85 0.84 0.00
BORALEX_4TH_BRANCH 23824	46.98 1.06 0.00	40.73 1.11 0.00	37.51 0.99 0.00	35.54 1.10 0.00	34.00 0.99 0.00	34.39 1.16 0.00	35.25 1.03 0.00	35.10 0.96 0.00	33.30 1.00 0.00	32.39 0.91 0.00	32.99 1.02 0.00	33.79 0.73 0.00	34.53 0.81 0.00	35.28 0.76 0.00	38.36 1.01 0.00	39.86 1.27 0.00	46.04 1.25 0.00	48.85 1.38 0.00	59.37 1.45 0.00	55.58 1.36 0.00	51.02 1.24 0.00	45.83 1.38 0.00	44.01 1.20 0.00	39.11 1.10 0.00
BOWLINE___1 23526	47.48 1.56 0.00	41.01 1.39 0.00	37.62 1.09 0.00	35.47 1.03 0.00	33.87 0.86 0.00	34.09 0.86 0.00	35.18 0.96 0.00	35.14 0.99 0.00	33.33 1.03 0.00	32.58 1.10 0.00	33.21 1.25 0.00	34.39 1.32 0.00	35.24 1.52 0.00	36.21 1.69 0.00	39.15 1.79 0.00	40.52 1.93 0.00	47.24 2.46 0.00	49.66 2.19 0.00	60.18 2.26 0.00	56.12 1.90 0.00	51.36 1.59 0.00	46.05 1.60 0.00	44.27 1.46 0.00	39.26 1.25 0.00
BOWLINE___2 23595	47.48 1.56 0.00	41.01 1.39 0.00	37.62 1.09 0.00	35.47 1.03 0.00	33.87 0.86 0.00	34.09 0.86 0.00	35.18 0.96 0.00	35.14 0.99 0.00	33.33 1.03 0.00	32.58 1.10 0.00	33.21 1.25 0.00	34.39 1.32 0.00	35.24 1.52 0.00	36.21 1.69 0.00	39.15 1.79 0.00	40.52 1.93 0.00	47.24 2.46 0.00	49.66 2.19 0.00	60.18 2.26 0.00	56.12 1.90 0.00	51.36 1.59 0.00	46.05 1.60 0.00	44.27 1.46 0.00	39.26 1.25 0.00
BRADY___115KV_TB2 356060	46.93 1.01 0.00	40.49 0.87 0.00	37.33 0.80 0.00	35.20 0.76 0.00	33.67 0.66 0.00	33.99 0.76 0.00	34.97 0.75 0.00	34.72 0.58 0.00	32.75 0.45 0.00	31.89 0.41 0.00	32.35 0.38 0.00	33.43 0.36 0.00	34.16 0.44 0.00	34.97 0.45 0.00	37.77 0.41 0.00	39.05 0.46 0.00	45.41 0.63 0.00	48.19 0.71 0.00	59.02 1.10 0.00	55.20 0.98 0.00	51.02 1.24 0.00	45.48 1.02 0.00	43.75 0.94 0.00	38.89 0.87 0.00
BRANSCOMB___SOLAR 323811	47.30 1.38 0.00	40.89 1.27 0.00	37.62 1.09 0.00	35.57 1.13 0.00	34.07 1.06 0.00	34.29 1.06 0.00	35.21 0.99 0.00	35.03 0.89 0.00	32.88 0.58 0.00	31.95 0.47 0.00	32.38 0.41 0.00	33.33 0.26 0.00	34.12 0.41 0.00	34.76 0.24 0.00	37.69 0.34 0.00	39.09 0.50 0.00	45.36 0.58 0.00	48.42 0.95 0.00	59.54 1.62 0.00	55.96 1.73 0.00	51.47 1.69 0.00	46.05 1.60 0.00	44.31 1.50 0.00	39.38 1.37 0.00
BRDGHMPT_69_KV_BK1 55812	49.73 3.81 0.00	43.34 3.72 0.00	39.63 3.10 0.00	37.23 2.79 0.00	35.35 2.34 0.00	35.72 2.49 0.00	36.55 2.33 0.00	36.74 2.59 0.00	34.95 2.65 0.00	34.63 3.15 0.00	38.22 3.13 -3.12	40.88 3.24 -4.57	42.42 3.44 -5.26	47.97 3.45 -10.00	50.55 3.74 -9.46	51.75 4.05 -9.11	54.44 5.15 -4.50	63.61 5.08 -11.05	63.60 5.68 0.00	58.78 4.55 0.00	53.41 3.63 0.00	49.78 3.47 -1.86	46.15 3.34 0.00	40.98 2.96 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	49.36 3.44 0.00	42.75 3.13 0.00	39.16 2.63 0.00	36.82 2.38 0.00	34.99 1.98 0.00	35.32 2.09 0.00	36.24 2.02 0.00	36.30 2.15 0.00	34.49 2.20 0.00	34.06 2.58 0.00	37.65 2.56 -3.12	40.25 2.61 -4.57	41.75 2.76 -5.26	47.49 2.97 -10.00	50.06 3.25 -9.46	51.17 3.47 -9.11	53.41 4.12 -4.50	62.45 3.89 -11.08	62.38 4.46 0.00	57.75 3.52 0.00	53.01 3.24 0.00	49.70 3.38 -1.86	46.02 3.21 0.00	40.75 2.74 0.00
BRISTLHL_115KV_TB1 79998	44.96 -0.96 0.00	38.71 -0.91 0.00	35.76 -0.77 0.00	33.68 -0.76 0.00	32.32 -0.69 0.00	32.50 -0.73 0.00	33.50 -0.72 0.00	33.46 -0.68 0.00	31.68 -0.61 0.00	30.85 -0.63 0.00	31.26 -0.70 0.00	32.37 -0.69 0.00	32.88 -0.84 0.00	33.62 -0.90 0.00	36.38 -0.97 0.00	37.55 -1.04 0.00	43.62 -1.16 -0.01	46.43 -1.04 0.00	57.39 -1.10 -0.57	53.60 -0.92 -0.30	48.83 -0.95 0.00	44.21 -0.93 -0.69	41.96 -0.86 0.00	37.18 -0.84 -0.01
BROOKHAVEN___DRP 24191	49.13 3.21 0.00	42.83 3.21 0.00	39.19 2.67 0.00	36.85 2.41 0.00	34.99 1.98 0.00	35.35 2.13 0.00	36.24 2.02 0.00	36.30 2.15 0.00	34.53 2.23 0.00	34.09 2.61 0.00	37.58 2.49 -3.12	40.12 2.48 -4.57	41.54 2.56 -5.26	47.14 2.62 -10.00	49.69 2.88 -9.46	50.86 3.16 -9.11	53.36 4.08 -4.50	62.37 3.85 -11.05	62.21 4.29 0.00	57.64 3.42 0.00	52.81 3.04 0.00	49.34 3.02 -1.86	45.77 2.95 0.00	40.64 2.62 0.00
BROOKLYN_NAVY_YARD 23515	47.94 2.02 0.00	41.44 1.82 0.00	37.92 1.39 0.00	35.71 1.27 0.00	34.07 1.06 0.00	34.32 1.09 0.00	35.55 1.33 0.00	35.58 1.43 0.00	33.78 1.49 0.00	33.08 1.60 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.28 2.06 0.00	51.61 1.84 0.00	46.46 2.00 0.00	44.78 1.97 0.00	39.68 1.67 0.00
BROOKLYN___ARMY_DRP 323595	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.75 1.79 0.00	34.95 1.88 0.00	35.84 2.12 0.00	36.83 2.31 0.00	39.82 2.47 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.76 2.31 0.00	45.04 2.23 0.00	39.99 1.98 0.00
BROOME_2_LFGE 323671	45.78 -0.14 0.00	39.30 -0.32 0.00	36.16 -0.37 0.00	34.06 -0.38 0.00	32.71 -0.30 0.00	32.86 -0.36 0.00	33.88 -0.34 0.00	33.91 -0.24 0.00	32.11 -0.19 0.00	31.23 -0.25 0.00	31.68 -0.29 0.00	32.90 -0.16 0.00	33.55 -0.17 0.00	34.38 -0.14 0.00	37.21 -0.15 0.00	38.40 -0.19 0.00	44.56 -0.22 0.00	47.38 -0.09 0.00	58.16 0.12 -0.13	54.54 0.27 -0.04	49.82 0.05 0.00	44.06 -0.13 0.26	42.64 -0.17 0.00	37.75 -0.26 0.00
BROOME___LFGE 323600	45.78 -0.14 0.00	39.30 -0.32 0.00	36.16 -0.37 0.00	34.06 -0.38 0.00	32.71 -0.30 0.00	32.86 -0.36 0.00	33.88 -0.34 0.00	33.91 -0.24 0.00	32.11 -0.19 0.00	31.23 -0.25 0.00	31.68 -0.29 0.00	32.90 -0.16 0.00	33.55 -0.17 0.00	34.38 -0.14 0.00	37.21 -0.15 0.00	38.40 -0.19 0.00	44.56 -0.22 0.00	47.38 -0.09 0.00	58.16 0.12 -0.13	54.54 0.27 -0.04	49.82 0.05 0.00	44.06 -0.13 0.26	42.64 -0.17 0.00	37.75 -0.26 0.00
BROWNFLS_115KV_TB 3_5 80003	46.84 0.92 0.00	40.41 0.79 0.00	37.22 0.69 0.00	34.99 0.55 0.00	33.51 0.50 0.00	33.86 0.63 0.00	34.90 0.68 0.00	34.59 0.44 0.00	32.52 0.23 0.00	31.70 0.22 0.00	32.12 0.16 0.00	33.13 0.07 0.00	33.75 0.03 0.00	34.52 0.00 0.00	37.32 -0.04 0.00	38.55 -0.04 0.00	44.92 0.13 0.00	48.00 0.52 0.00	59.06 1.04 -0.10	55.25 0.98 -0.05	50.87 1.09 0.00	45.39 0.93 0.00	43.75 0.94 0.00	38.81 0.80 0.00
BROWNSV1_27_KV_LOAD 356125	48.49 2.57 0.00	41.84 2.22 0.00	38.28 1.75 0.00	36.09 1.65 0.00	34.36 1.35 0.00	34.62 1.40 0.00	35.79 1.57 0.00	35.82 1.67 0.00	33.98 1.68 0.00	33.27 1.79 0.00	34.01 2.05 0.00	35.22 2.15 0.00	36.08 2.36 0.00	37.07 2.55 0.00	40.12 2.76 0.00	41.48 2.89 0.00	48.19 3.40 0.00	50.51 3.04 0.00	61.11 3.19 0.00	56.88 2.66 0.00	52.21 2.44 0.00	46.90 2.44 0.00	45.17 2.35 0.00	40.03 2.01 0.00
BURROWS___LYONSDAL 23803	47.02 1.10 0.00	40.57 0.95 0.00	37.33 0.80 0.00	35.06 0.62 0.00	33.60 0.59 0.00	33.93 0.70 0.00	35.04 0.82 0.00	34.76 0.61 0.00	32.62 0.32 0.00	31.76 0.28 0.00	32.19 0.22 0.00	33.23 0.17 0.00	33.85 0.13 0.00	34.62 0.10 0.00	37.47 0.11 0.00	38.70 0.12 0.00	45.05 0.27 0.00	48.14 0.66 0.00	59.28 1.27 -0.09	55.56 1.30 -0.04	50.97 1.19 0.00	45.52 1.07 0.00	43.88 1.07 0.00	38.89 0.87 0.00
CAITHNESS_CC_1 323624	49.09 3.17 0.00	42.75 3.13 0.00	39.19 2.67 0.00	36.85 2.41 0.00	35.09 2.08 0.00	35.36 2.13 0.00	36.27 2.05 0.00	36.30 2.15 0.00	34.82 2.52 0.00	34.01 2.52 -0.01	37.45 2.37 -3.12	39.95 2.31 -4.57	41.48 2.50 -5.26	47.11 2.59 -10.00	49.65 2.84 -9.46	50.82 3.12 -9.11	53.36 4.07 -4.50	62.18 3.66 -11.05	61.91 3.99 0.00	57.48 3.25 0.00	52.96 3.19 0.00	49.30 2.98 -1.86	45.68 2.87 0.00	40.56 2.55 0.00
CALPINE BETH_PAGE_GT4 24209	48.63 2.71 0.00	42.12 2.50 0.00	38.57 2.05 0.00	36.30 1.86 0.00	34.50 1.49 0.00	34.82 1.59 0.00	35.76 1.54 0.00	35.82 1.67 0.00	34.01 1.71 0.00	33.59 2.11 0.00	37.23 2.14 -3.12	39.82 2.18 -4.57	41.38 2.39 -5.26	47.11 2.59 -10.00	49.58 2.76 -9.46	50.52 2.82 -9.11	52.60 3.31 -4.50	61.61 3.09 -11.05	61.34 3.42 0.00	56.88 2.66 0.00	52.21 2.44 0.00	48.98 2.67 -1.86	45.42 2.61 0.00	40.33 2.32 0.00
CALPINE_BETH_PAGE_GT_4 323586	48.63 2.71 0.00	42.16 2.54 0.00	38.79 2.27 0.00	36.50 2.07 0.00	34.79 1.78 0.00	35.02 1.79 0.00	36.00 1.78 0.00	36.02 1.88 0.00	34.46 2.16 0.00	33.69 2.20 -0.01	37.33 2.24 -3.12	39.95 2.31 -4.57	41.41 2.43 -5.26	47.11 2.59 -10.00	49.58 2.76 -9.46	50.52 2.82 -9.11	52.73 3.45 -4.50	61.66 3.13 -11.05	61.22 3.30 0.00	56.88 2.66 0.00	52.31 2.54 0.00	48.98 2.67 -1.86	45.38 2.57 0.00	40.33 2.32 0.00
CALPINE_BP_GT1 23823	48.63 2.71 0.00	42.16 2.54 0.00	38.79 2.27 0.00	36.50 2.07 0.00	34.79 1.78 0.00	35.02 1.79 0.00	36.00 1.78 0.00	36.02 1.88 0.00	34.46 2.16 0.00	33.69 2.20 -0.01	37.33 2.24 -3.12	39.95 2.31 -4.57	41.41 2.43 -5.26	47.11 2.59 -10.00	49.58 2.76 -9.46	50.52 2.82 -9.11	52.73 3.45 -4.50	61.66 3.13 -11.05	61.22 3.30 0.00	56.88 2.66 0.00	52.31 2.54 0.00	48.98 2.67 -1.86	45.38 2.57 0.00	40.33 2.32 0.00
CALSPAN___DRP 24200	43.81 -2.11 0.00	36.96 -2.65 0.00	33.93 -2.59 0.00	31.86 -2.58 0.00	30.86 -2.15 0.00	30.97 -2.26 0.00	32.17 -2.05 0.00	32.57 -1.57 0.00	31.23 -1.07 0.00	30.22 -1.26 0.00	30.08 -1.89 0.00	31.61 -1.45 0.00	32.20 -1.52 0.00	33.00 -1.52 0.00	35.82 -1.53 0.00	36.66 -1.93 0.00	42.22 -2.55 0.01	44.91 -2.56 0.00	55.20 -2.72 0.00	52.11 -2.06 0.05	47.48 -2.29 0.00	41.14 -2.44 0.87	40.54 -2.27 0.00	35.65 -2.36 0.01

CALVERTON___SOLAR 323806	49.23 3.31 0.00	42.98 3.37 0.00	39.41 2.89 0.00	37.05 2.62 0.00	35.29 2.28 0.00	35.55 2.33 0.00	36.44 2.22 0.00	36.50 2.35 0.00	35.01 2.71 0.00	34.19 2.71 -0.01	37.58 2.49 -3.12	40.05 2.41 -4.57	41.61 2.63 -5.26	47.22 2.69 -10.00	49.73 2.92 -9.46	50.98 3.28 -9.11	53.68 4.39 -4.50	62.51 3.99 -11.05	62.27 4.35 0.00	57.80 3.58 0.00	53.20 3.43 0.00	49.43 3.11 -1.86	45.85 3.04 0.00	40.71 2.70 0.00
CANDIGU_WT_PWR 323617	45.05 -0.87 0.00	38.35 -1.27 0.00	35.25 -1.28 0.00	33.13 -1.31 0.00	31.95 -1.06 0.00	32.10 -1.13 0.00	33.12 -1.10 0.00	33.29 -0.85 0.00	31.56 -0.74 0.00	30.44 -1.04 0.00	30.68 -1.28 0.00	31.94 -1.12 0.00	32.61 -1.11 0.00	33.38 -1.14 0.00	36.16 -1.20 0.00	37.16 -1.43 0.00	43.07 -1.70 0.01	45.95 -1.52 0.00	56.77 -1.22 -0.07	53.73 -0.49 0.01	49.07 -0.70 0.00	42.88 -0.98 0.59	41.96 -0.86 0.00	36.94 -1.06 0.01
CARR STREET_E_SYR 24060	45.18 -0.74 0.00	38.91 -0.71 0.00	35.91 -0.62 0.00	33.78 -0.66 0.00	32.45 -0.56 0.00	32.63 -0.60 0.00	33.61 -0.61 0.00	33.60 -0.55 0.00	31.81 -0.48 0.00	30.97 -0.50 0.00	31.42 -0.54 0.00	32.57 -0.50 0.00	33.08 -0.64 0.00	33.86 -0.66 0.00	36.61 -0.75 0.00	37.78 -0.81 0.00	43.88 -0.90 0.00	46.67 -0.81 0.00	57.28 -0.81 -0.18	53.63 -0.65 -0.05	49.07 -0.70 0.00	43.33 -0.71 0.41	42.17 -0.64 0.00	37.33 -0.68 0.00
CARTHAGE___PAPER 23857	47.43 1.51 0.00	40.92 1.31 0.00	37.59 1.06 0.00	35.26 0.83 0.00	33.77 0.76 0.00	34.16 0.93 0.00	35.35 1.13 0.00	34.93 0.79 0.00	32.65 0.36 0.00	31.79 0.31 0.00	32.12 0.16 0.00	32.97 -0.10 0.00	33.52 -0.20 0.00	34.24 -0.28 0.00	37.10 -0.26 0.00	38.32 -0.27 0.00	44.78 0.00 0.00	48.42 0.95 0.00	60.04 1.91 -0.21	56.27 1.95 -0.09	51.66 1.89 0.00	46.10 1.65 0.00	44.40 1.58 0.00	39.31 1.29 0.00
CASSADAGA_WT_PWR 323784	44.95 -0.97 0.00	37.92 -1.70 0.00	34.81 -1.72 0.00	32.68 -1.76 0.00	31.66 -1.35 0.00	31.80 -1.43 0.00	32.92 -1.30 0.00	33.29 -0.85 0.00	31.85 -0.45 0.00	30.72 -0.76 0.00	31.01 -0.96 0.00	32.44 -0.63 0.00	33.08 -0.64 0.00	33.90 -0.62 0.00	36.76 -0.60 0.00	37.66 -0.93 0.00	43.34 -1.43 0.01	46.10 -1.38 0.00	56.76 -1.16 0.00	53.47 -0.71 0.05	48.53 -1.24 0.00	42.06 -1.60 0.80	41.27 -1.54 0.00	36.30 -1.71 0.01
CE_DUNWOOD___DRP 24194	47.80 1.88 0.00	41.28 1.66 0.00	37.84 1.31 0.00	35.68 1.24 0.00	34.00 0.99 0.00	34.26 1.03 0.00	35.38 1.16 0.00	35.37 1.23 0.00	33.49 1.20 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.47 1.75 0.00	36.45 1.93 0.00	39.45 2.09 0.00	40.83 2.24 0.00	47.42 2.64 0.00	49.85 2.37 0.00	60.47 2.55 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.32 1.87 0.00	44.57 1.76 0.00	39.53 1.52 0.00
CE_MILLWOOD___DRP 24193	47.67 1.74 0.00	41.20 1.58 0.00	37.77 1.24 0.00	35.61 1.17 0.00	33.93 0.92 0.00	34.19 0.96 0.00	35.32 1.10 0.00	35.31 1.16 0.00	33.43 1.13 0.00	32.71 1.23 0.00	33.40 1.44 0.00	34.55 1.49 0.00	35.40 1.69 0.00	36.35 1.83 0.00	39.33 1.98 0.00	40.71 2.12 0.00	47.29 2.51 0.00	49.75 2.28 0.00	60.35 2.43 0.00	56.28 2.06 0.00	51.56 1.79 0.00	46.23 1.78 0.00	44.44 1.63 0.00	39.42 1.41 0.00
CE_NYC2_DRP 24202	48.26 2.34 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.89 1.45 0.00	34.17 1.16 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.51 1.37 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.78 2.06 0.00	36.76 2.24 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.78 3.00 0.00	49.99 2.52 0.00	60.41 2.49 0.00	56.23 2.01 0.00	51.71 1.94 0.00	46.50 2.04 0.00	44.78 1.97 0.00	39.80 1.79 0.00
CE_NYC_DRP 24195	48.17 2.25 0.00	41.56 1.94 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.17 1.16 0.00	34.39 1.16 0.00	35.59 1.37 0.00	35.58 1.43 0.00	33.75 1.45 0.00	33.05 1.57 0.00	33.79 1.82 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.82 2.47 0.00	41.17 2.59 0.00	47.83 3.05 0.00	50.09 2.61 0.00	60.64 2.72 0.01	56.44 2.22 0.01	51.81 2.04 0.01	46.54 2.09 0.00	44.82 2.01 0.00	39.76 1.75 0.00
CHAFFEE___LFGE 323603	44.04 -1.88 0.00	37.12 -2.49 0.00	34.08 -2.45 0.00	31.99 -2.44 0.00	31.03 -1.98 0.00	31.14 -2.09 0.00	32.23 -1.99 0.00	32.71 -1.43 0.00	31.36 -0.94 0.00	30.19 -1.29 0.00	30.43 -1.53 0.00	31.74 -1.32 0.00	32.37 -1.35 0.00	33.17 -1.35 0.00	36.01 -1.34 0.00	36.89 -1.70 0.00	42.44 -2.33 0.01	45.15 -2.33 0.00	55.54 -2.38 0.00	52.27 -1.90 0.05	47.78 -1.99 0.00	41.36 -2.27 0.82	40.84 -1.97 0.00	35.80 -2.21 0.01
CHATEAUG_35_KV_LOAD 355732	46.33 0.41 0.00	39.94 0.32 0.00	36.89 0.37 0.00	34.82 0.38 0.00	33.34 0.33 0.00	33.63 0.40 0.00	34.56 0.34 0.00	34.45 0.31 0.00	32.62 0.32 0.00	31.73 0.25 0.00	32.19 0.22 0.00	33.33 0.26 0.00	33.99 0.27 0.00	34.79 0.28 0.00	37.58 0.22 0.00	38.82 0.23 0.00	45.10 0.31 0.00	47.81 0.33 0.00	58.38 0.46 0.00	54.55 0.33 0.00	50.27 0.50 0.00	44.81 0.36 0.00	43.16 0.34 0.00	38.35 0.34 0.00
CHATEAUG_WT_PWR 323614	46.29 0.37 0.00	39.93 0.32 0.00	36.86 0.33 0.00	34.78 0.34 0.00	33.31 0.30 0.00	33.59 0.37 0.00	34.53 0.31 0.00	34.42 0.27 0.00	32.59 0.29 0.00	31.76 0.28 0.00	32.22 0.25 0.00	33.33 0.26 0.00	34.02 0.30 0.00	34.83 0.31 0.00	37.65 0.30 0.00	38.82 0.23 0.00	45.05 0.27 0.00	47.71 0.24 0.00	58.27 0.35 0.00	54.55 0.33 0.00	50.22 0.45 0.00	44.77 0.31 0.00	43.11 0.30 0.00	38.32 0.30 0.00
CHAT_HIGH_FALL_HYD 323578	46.33 0.41 0.00	39.94 0.32 0.00	36.89 0.37 0.00	34.82 0.38 0.00	33.34 0.33 0.00	33.63 0.40 0.00	34.56 0.34 0.00	34.45 0.31 0.00	32.62 0.32 0.00	31.73 0.25 0.00	32.19 0.22 0.00	33.33 0.26 0.00	33.99 0.27 0.00	34.79 0.28 0.00	37.58 0.22 0.00	38.82 0.23 0.00	45.10 0.31 0.00	47.81 0.33 0.00	58.38 0.46 0.00	54.55 0.33 0.00	50.27 0.50 0.00	44.81 0.36 0.00	43.16 0.34 0.00	38.35 0.34 0.00
CHAUTAUQUA___LFGE 323629	44.59 -1.33 0.00	37.60 -2.02 0.00	34.52 -2.01 0.00	32.41 -2.03 0.00	31.43 -1.58 0.00	31.53 -1.69 0.00	32.61 -1.61 0.00	33.05 -1.09 0.00	31.62 -0.68 0.00	30.50 -0.98 0.00	30.78 -1.18 0.00	32.14 -0.93 0.00	32.81 -0.91 0.00	33.62 -0.90 0.00	36.46 -0.90 0.00	37.35 -1.24 0.00	43.03 -1.75 0.01	45.77 -1.71 0.00	56.36 -1.56 0.00	53.03 -1.14 0.05	48.28 -1.49 0.00	41.76 -1.87 0.83	41.10 -1.71 0.00	36.11 -1.90 0.01
CHERRYST_13_KV_LD 356241	48.31 2.39 0.00	41.68 2.06 0.00	38.17 1.64 0.00	35.95 1.52 0.00	34.23 1.22 0.00	34.49 1.26 0.00	35.69 1.47 0.00	35.68 1.54 0.00	33.85 1.55 0.00	33.15 1.67 0.00	33.88 1.92 0.00	35.05 1.98 0.00	35.94 2.23 0.00	36.93 2.42 0.00	39.93 2.58 0.00	41.29 2.70 0.00	47.96 3.18 0.00	50.28 2.80 0.00	60.81 2.90 0.01	56.60 2.39 0.01	51.96 2.19 0.01	46.68 2.22 0.00	44.95 2.14 0.00	39.88 1.86 0.00

CHESTROR_138KV_BK263 355645	47.21 1.29 0.00	40.77 1.15 0.00	37.44 0.91 0.00	35.30 0.86 0.00	33.67 0.66 0.00	33.93 0.70 0.00	34.97 0.75 0.00	34.93 0.79 0.00	33.04 0.74 0.00	32.30 0.82 0.00	32.92 0.96 0.00	34.06 0.99 0.00	34.90 1.18 0.00	35.83 1.31 0.00	38.77 1.42 0.00	40.13 1.54 0.00	46.66 1.88 0.00	49.23 1.76 0.00	59.83 1.91 0.00	55.85 1.63 0.00	51.17 1.39 0.00	45.79 1.33 0.00	44.01 1.20 0.00	39.04 1.03 0.00
CH_MIDHUDSON___DRP 24192	47.53 1.61 0.00	41.09 1.47 0.00	37.70 1.17 0.00	35.54 1.10 0.00	33.90 0.89 0.00	34.16 0.93 0.00	35.21 0.99 0.00	35.13 0.99 0.00	33.20 0.90 0.00	32.45 0.98 0.00	33.15 1.18 0.00	34.22 1.16 0.00	35.07 1.35 0.00	35.97 1.45 0.00	39.00 1.64 0.00	40.36 1.78 0.00	46.98 2.19 0.00	49.52 2.04 0.00	60.18 2.26 0.00	56.12 1.90 0.00	51.46 1.69 0.00	46.05 1.60 0.00	44.31 1.50 0.00	39.34 1.33 0.00
CH_MISC_IPPS 23765	47.76 1.84 0.00	41.28 1.66 0.00	37.88 1.35 0.00	35.71 1.27 0.00	34.07 1.06 0.00	34.29 1.06 0.00	35.35 1.13 0.00	35.24 1.09 0.00	33.30 1.00 0.00	32.52 1.04 0.00	33.15 1.18 0.00	34.29 1.22 0.00	35.13 1.42 0.00	36.07 1.55 0.00	39.07 1.72 0.00	40.52 1.93 0.00	47.24 2.46 0.00	49.85 2.37 0.00	60.59 2.67 0.00	56.50 2.28 0.00	51.76 1.99 0.00	46.32 1.87 0.00	44.53 1.71 0.00	39.53 1.52 0.00
CH_RES_BVR_FALLS 23983	45.92 0.00 0.00	39.62 0.00 0.00	36.53 0.00 0.00	34.47 0.03 0.00	33.01 0.00 0.00	33.26 0.03 0.00	34.22 0.00 0.00	34.14 0.00 0.00	32.30 0.00 0.00	31.48 0.00 0.00	31.96 0.00 0.00	33.07 0.00 0.00	33.72 0.00 0.00	34.52 0.00 0.00	37.35 0.00 0.00	38.55 -0.04 0.00	44.74 -0.04 0.00	47.43 -0.05 0.00	57.86 -0.06 0.00	54.12 -0.11 0.00	49.72 -0.05 0.00	44.41 -0.04 0.00	42.77 -0.04 0.00	38.01 0.00 0.00
CH_RES_NIAGARA 23895	43.12 -2.80 0.00	36.05 -3.57 0.00	33.13 -3.40 0.00	31.10 -3.34 0.00	30.47 -2.54 0.00	30.57 -2.66 0.00	31.35 -2.87 0.00	32.20 -1.95 0.00	30.97 -1.32 0.00	29.75 -1.73 0.00	29.45 -2.49 0.02	30.90 -2.15 0.02	31.51 -2.19 0.02	32.25 -2.24 0.02	35.04 -2.32 0.00	35.85 -2.74 0.00	41.26 -3.49 0.03	43.85 -3.61 0.02	53.75 -4.17 0.00	50.75 -3.42 0.06	46.29 -3.48 0.00	40.05 -3.47 0.94	39.73 -3.08 0.00	35.15 -2.85 0.01
CH_RES_SYRACUSE 23985	45.51 -0.41 0.00	39.18 -0.43 0.00	36.13 -0.40 0.00	34.03 -0.41 0.00	32.68 -0.33 0.00	32.83 -0.40 0.00	33.81 -0.41 0.00	33.80 -0.34 0.00	31.98 -0.32 0.00	31.13 -0.35 0.00	31.58 -0.38 0.00	32.74 -0.33 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.83 -0.52 0.00	37.97 -0.62 0.00	44.11 -0.67 0.00	46.95 -0.52 0.00	57.84 -0.40 -0.32	54.10 -0.27 -0.14	49.43 -0.35 0.00	44.05 -0.40 0.00	42.47 -0.34 0.00	37.60 -0.42 0.00
CLINTON_WT_PWR 323605	46.29 0.37 0.00	39.93 0.32 0.00	36.86 0.33 0.00	34.78 0.34 0.00	33.31 0.30 0.00	33.59 0.37 0.00	34.53 0.31 0.00	34.42 0.27 0.00	32.59 0.29 0.00	31.76 0.28 0.00	32.22 0.25 0.00	33.33 0.26 0.00	34.02 0.30 0.00	34.83 0.31 0.00	37.65 0.30 0.00	38.82 0.23 0.00	45.05 0.27 0.00	47.71 0.24 0.00	58.27 0.35 0.00	54.55 0.33 0.00	50.22 0.45 0.00	44.77 0.31 0.00	43.11 0.30 0.00	38.32 0.30 0.00
CLINTON___LFGE 323618	46.89 0.97 0.00	40.37 0.75 0.00	37.30 0.77 0.00	35.20 0.76 0.00	33.74 0.73 0.00	34.02 0.80 0.00	34.97 0.75 0.00	34.83 0.68 0.00	33.01 0.71 0.00	32.14 0.66 0.00	32.60 0.64 0.00	33.73 0.66 0.00	34.46 0.74 0.00	35.24 0.73 0.00	38.14 0.79 0.00	39.32 0.73 0.00	45.63 0.85 0.00	48.42 0.95 0.00	59.19 1.27 0.00	55.42 1.19 0.00	51.06 1.29 0.00	45.43 0.98 0.00	43.67 0.86 0.00	38.85 0.84 0.00
COBBLENY_34_KV_TB1 80064	43.99 -1.93 0.00	37.12 -2.50 0.00	34.08 -2.45 0.00	31.99 -2.45 0.00	31.00 -2.01 0.00	31.10 -2.13 0.00	32.30 -1.92 0.00	32.71 -1.43 0.00	31.33 -0.97 0.00	30.31 -1.16 0.00	30.24 -1.73 0.00	31.74 -1.32 0.00	32.37 -1.35 0.00	33.17 -1.35 0.00	36.01 -1.34 0.00	36.89 -1.70 0.00	42.44 -2.33 0.01	45.19 -2.28 0.00	55.55 -2.37 0.00	52.49 -1.68 0.05	47.78 -1.99 0.00	41.36 -2.27 0.82	40.71 -2.10 0.00	35.80 -2.20 0.01
COFFEEN___115KV_TB3 355620	47.89 1.97 0.00	41.28 1.66 0.00	37.92 1.39 0.00	35.51 1.07 0.00	34.00 0.99 0.00	34.39 1.16 0.00	35.66 1.44 0.00	35.17 1.02 0.00	32.81 0.52 0.00	31.92 0.44 0.00	32.22 0.26 0.00	32.87 -0.20 0.00	33.41 -0.30 0.00	34.14 -0.38 0.00	36.98 -0.37 0.00	38.20 -0.39 0.00	44.74 -0.04 0.00	48.90 1.42 0.00	60.89 2.72 -0.25	57.10 2.77 -0.11	52.36 2.59 0.00	46.72 2.27 0.00	44.87 2.06 0.00	39.68 1.67 0.00
COLDSPRG_115KV_BK1 355956	45.09 -0.83 0.00	38.11 -1.51 0.00	34.96 -1.57 0.00	32.85 -1.58 0.00	31.82 -1.19 0.00	31.93 -1.30 0.00	33.12 -1.10 0.00	33.39 -0.75 0.00	31.85 -0.45 0.00	30.94 -0.54 0.00	30.97 -0.99 0.00	32.64 -0.43 0.00	33.31 -0.40 0.00	34.17 -0.35 0.00	37.06 -0.30 0.00	38.01 -0.58 0.00	43.79 -0.99 0.01	46.71 -0.76 0.00	57.46 -0.46 0.00	54.34 0.16 0.05	49.12 -0.65 0.00	42.45 -1.24 0.76	41.40 -1.41 0.00	36.56 -1.44 0.01
COLONIE_LFGE___ 323577	46.70 0.78 0.00	40.45 0.83 0.00	37.26 0.73 0.00	35.23 0.79 0.00	33.77 0.76 0.00	33.99 0.76 0.00	34.94 0.72 0.00	34.76 0.62 0.00	32.81 0.52 0.00	31.98 0.50 0.00	32.47 0.51 0.00	33.47 0.40 0.00	34.19 0.47 0.00	34.96 0.45 0.00	37.88 0.52 0.00	39.32 0.73 0.00	45.50 0.71 0.00	48.37 0.90 0.00	59.02 1.10 0.00	55.25 1.03 0.00	50.72 0.94 0.00	45.48 1.02 0.00	43.71 0.90 0.00	38.89 0.87 0.00
COOPERNY_115KV_TB1 80082	46.84 0.92 0.00	40.41 0.79 0.00	37.15 0.62 0.00	34.99 0.55 0.00	33.47 0.46 0.00	33.69 0.47 0.00	34.73 0.51 0.00	34.69 0.55 0.00	32.81 0.52 0.00	32.05 0.57 0.00	32.64 0.67 0.00	33.79 0.73 0.00	34.56 0.84 0.00	35.45 0.93 0.00	38.36 1.01 0.00	39.67 1.08 0.00	46.13 1.34 0.00	48.71 1.23 0.00	59.25 1.33 0.00	55.36 1.14 0.00	50.72 0.95 0.00	45.39 0.93 0.00	43.67 0.86 0.00	38.73 0.72 0.00
COPENHAGEN_WT_PWR 323753	47.43 1.51 0.00	40.92 1.31 0.00	37.59 1.06 0.00	35.23 0.79 0.00	33.74 0.73 0.00	34.12 0.90 0.00	35.35 1.13 0.00	34.89 0.75 0.00	32.62 0.32 0.00	31.76 0.28 0.00	32.09 0.13 0.00	32.87 -0.20 0.00	33.41 -0.30 0.00	34.14 -0.38 0.00	36.98 -0.37 0.00	38.16 -0.42 0.00	44.60 -0.18 0.00	48.47 1.00 0.00	60.27 2.08 -0.26	56.45 2.11 -0.12	51.81 2.04 0.00	46.18 1.73 0.00	44.44 1.63 0.00	39.31 1.29 0.00
CORNELL_____ 23752	46.52 0.60 0.00	39.98 0.36 0.00	36.78 0.26 0.00	34.61 0.17 0.00	33.24 0.23 0.00	33.39 0.17 0.00	34.46 0.24 0.00	34.42 0.27 0.00	32.46 0.16 0.00	31.51 0.03 0.00	31.87 -0.10 0.00	33.10 0.03 0.00	33.72 0.00 0.00	34.52 0.00 0.00	37.39 0.04 0.00	38.59 0.00 0.00	44.96 0.18 0.00	47.95 0.47 0.00	59.08 0.98 -0.17	55.48 1.19 -0.06	50.67 0.90 0.00	44.87 0.67 0.25	43.41 0.60 0.00	38.43 0.42 0.00

CORONA_69_KV_TB1 355595	48.72 2.80 0.00	42.12 2.50 0.00	38.57 2.05 0.00	36.33 1.89 0.00	34.53 1.52 0.00	34.86 1.63 0.00	35.83 1.61 0.00	35.85 1.71 0.00	34.04 1.74 0.00	33.53 2.05 0.00	37.26 2.17 -3.12	39.89 2.25 -4.57	41.48 2.50 -5.26	47.18 2.66 -10.00	49.69 2.88 -9.46	50.71 3.01 -9.11	52.87 3.58 -4.50	61.89 3.37 -11.05	61.68 3.76 0.00	57.32 3.09 0.00	52.56 2.79 0.00	49.07 2.76 -1.86	45.42 2.61 0.00	40.29 2.28 0.00
CORTLAND_115KV_TB3 80093	46.10 0.18 0.00	39.66 0.04 0.00	36.49 -0.04 0.00	34.37 -0.07 0.00	33.01 0.00 0.00	33.16 -0.07 0.00	34.22 0.00 0.00	34.14 0.00 0.00	32.27 -0.03 0.00	31.38 -0.09 0.00	31.77 -0.19 0.00	33.00 -0.07 0.00	33.58 -0.13 0.00	34.38 -0.14 0.00	37.24 -0.11 0.00	38.43 -0.15 0.00	44.69 -0.09 0.00	47.57 0.09 0.00	58.51 0.41 -0.18	54.89 0.60 -0.07	50.17 0.40 0.00	44.40 0.18 0.23	42.98 0.17 0.00	38.05 0.04 0.00
COXSACKIE___GT 23611	47.80 1.88 0.00	41.36 1.74 0.00	38.06 1.53 0.00	35.92 1.48 0.00	34.33 1.32 0.00	34.49 1.26 0.00	35.31 1.09 0.00	35.00 0.85 0.00	32.59 0.29 0.00	31.64 0.16 0.00	32.12 0.16 0.00	33.07 0.00 0.00	33.85 0.14 0.00	34.66 0.14 0.00	37.65 0.30 0.00	39.24 0.66 0.00	45.99 1.21 0.00	49.28 1.80 0.00	60.64 2.72 0.00	56.77 2.55 0.00	51.96 2.19 0.00	46.36 1.91 0.00	44.65 1.84 0.00	39.72 1.71 0.00
CPV_VALLEY___CC1 323721	46.89 0.97 0.00	40.49 0.87 0.00	37.22 0.69 0.00	35.09 0.65 0.00	33.54 0.53 0.00	33.73 0.50 0.00	34.80 0.58 0.00	34.76 0.62 0.00	32.91 0.61 0.00	32.14 0.66 0.00	32.73 0.77 0.00	33.89 0.83 0.00	34.70 0.98 0.00	35.62 1.10 0.00	38.51 1.16 0.00	39.86 1.27 0.00	46.44 1.66 0.00	48.90 1.42 0.00	59.37 1.45 0.00	55.42 1.19 0.00	50.77 1.00 0.00	45.43 0.98 0.00	43.71 0.90 0.00	38.77 0.76 0.00
CPV_VALLEY___CC2 323722	46.89 0.97 0.00	40.49 0.87 0.00	37.22 0.69 0.00	35.09 0.65 0.00	33.54 0.53 0.00	33.73 0.50 0.00	34.80 0.58 0.00	34.76 0.62 0.00	32.91 0.61 0.00	32.14 0.66 0.00	32.73 0.77 0.00	33.89 0.83 0.00	34.70 0.98 0.00	35.62 1.10 0.00	38.51 1.16 0.00	39.86 1.27 0.00	46.44 1.66 0.00	48.90 1.42 0.00	59.37 1.45 0.00	55.42 1.19 0.00	50.77 1.00 0.00	45.43 0.98 0.00	43.71 0.90 0.00	38.77 0.76 0.00
CRESCENT___HYD 24018	46.70 0.78 0.00	40.45 0.83 0.00	37.26 0.73 0.00	35.23 0.79 0.00	33.77 0.76 0.00	33.99 0.76 0.00	34.94 0.72 0.00	34.76 0.62 0.00	32.81 0.52 0.00	31.98 0.50 0.00	32.47 0.51 0.00	33.47 0.40 0.00	34.19 0.47 0.00	34.96 0.45 0.00	37.88 0.52 0.00	39.32 0.73 0.00	45.50 0.71 0.00	48.37 0.90 0.00	59.02 1.10 0.00	55.25 1.03 0.00	50.72 0.94 0.00	45.48 1.02 0.00	43.71 0.90 0.00	38.89 0.87 0.00
CRICKET___VALLEY_CC1 323756	47.02 1.10 0.00	40.65 1.03 0.00	37.30 0.77 0.00	35.20 0.76 0.00	33.67 0.66 0.00	33.86 0.63 0.00	34.94 0.72 0.00	34.86 0.72 0.00	33.04 0.74 0.00	32.30 0.82 0.00	32.96 0.99 0.00	34.03 0.96 0.00	34.83 1.11 0.00	35.72 1.21 0.00	38.70 1.34 0.00	40.09 1.50 0.00	46.62 1.84 0.00	49.09 1.62 0.00	59.42 1.50 0.00	55.42 1.19 0.00	50.82 1.05 0.00	45.61 1.15 0.00	43.84 1.03 0.00	38.92 0.91 0.00
CRICKET___VALLEY_CC2 323757	47.02 1.10 0.00	40.65 1.03 0.00	37.30 0.77 0.00	35.20 0.76 0.00	33.67 0.66 0.00	33.86 0.63 0.00	34.94 0.72 0.00	34.86 0.72 0.00	33.04 0.74 0.00	32.30 0.82 0.00	32.96 0.99 0.00	34.03 0.96 0.00	34.83 1.11 0.00	35.72 1.21 0.00	38.70 1.34 0.00	40.09 1.50 0.00	46.62 1.84 0.00	49.09 1.62 0.00	59.42 1.50 0.00	55.42 1.19 0.00	50.82 1.05 0.00	45.61 1.15 0.00	43.84 1.03 0.00	38.92 0.91 0.00
CRICKET___VALLEY_CC3 323758	47.02 1.10 0.00	40.65 1.03 0.00	37.30 0.77 0.00	35.20 0.76 0.00	33.67 0.66 0.00	33.86 0.63 0.00	34.94 0.72 0.00	34.86 0.72 0.00	33.04 0.74 0.00	32.30 0.82 0.00	32.96 0.99 0.00	34.03 0.96 0.00	34.83 1.11 0.00	35.72 1.21 0.00	38.70 1.34 0.00	40.09 1.50 0.00	46.62 1.84 0.00	49.09 1.62 0.00	59.42 1.50 0.00	55.42 1.19 0.00	50.82 1.05 0.00	45.61 1.15 0.00	43.84 1.03 0.00	38.92 0.91 0.00
CRUCIBLE_METL_DRP 24180	45.51 -0.41 0.00	39.18 -0.44 0.00	36.13 -0.40 0.00	34.03 -0.41 0.00	32.68 -0.33 0.00	32.83 -0.40 0.00	33.84 -0.38 0.00	33.80 -0.34 0.00	31.98 -0.32 0.00	31.16 -0.31 0.00	31.58 -0.38 0.00	32.74 -0.33 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.83 -0.52 0.00	37.97 -0.62 0.00	44.11 -0.67 0.00	46.95 -0.52 0.00	57.83 -0.41 -0.32	54.10 -0.27 -0.14	49.42 -0.35 0.00	44.05 -0.40 0.00	42.47 -0.34 0.00	37.59 -0.42 0.00
DAHOWA___HYDRO 323763	47.43 1.51 0.00	41.01 1.39 0.00	37.77 1.24 0.00	35.68 1.24 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.31 1.09 0.00	35.10 0.95 0.00	32.94 0.65 0.00	32.01 0.53 0.00	32.41 0.45 0.00	33.36 0.30 0.00	34.12 0.41 0.00	34.76 0.24 0.00	37.69 0.34 0.00	39.13 0.54 0.00	45.36 0.58 0.00	48.52 1.04 0.00	59.77 1.85 0.00	56.17 1.95 0.00	51.66 1.89 0.00	46.28 1.82 0.00	44.48 1.67 0.00	39.53 1.52 0.00
DANC___LFGE 323619	46.52 0.60 0.00	40.06 0.44 0.00	36.89 0.37 0.00	34.61 0.17 0.00	33.18 0.17 0.00	33.49 0.26 0.00	34.63 0.41 0.00	34.35 0.21 0.00	32.23 -0.06 0.00	31.38 -0.09 0.00	31.74 -0.22 0.00	32.64 -0.43 0.00	33.18 -0.54 0.00	33.90 -0.62 0.00	36.72 -0.64 0.00	37.89 -0.69 0.00	44.20 -0.58 0.00	47.67 0.19 0.00	59.00 0.75 -0.33	55.25 0.86 -0.16	50.57 0.79 0.00	45.36 0.71 -0.20	43.50 0.68 0.00	38.47 0.46 0.00
DANSKAMMER___1 23586	47.76 1.84 0.00	41.28 1.66 0.00	37.88 1.35 0.00	35.71 1.27 0.00	34.07 1.06 0.00	34.29 1.06 0.00	35.35 1.13 0.00	35.24 1.09 0.00	33.30 1.00 0.00	32.52 1.04 0.00	33.15 1.18 0.00	34.29 1.22 0.00	35.13 1.42 0.00	36.07 1.55 0.00	39.07 1.72 0.00	40.52 1.93 0.00	47.24 2.46 0.00	49.85 2.37 0.00	60.59 2.67 0.00	56.50 2.28 0.00	51.76 1.99 0.00	46.32 1.87 0.00	44.53 1.71 0.00	39.53 1.52 0.00
DANSKAMMER___2 23589	47.76 1.84 0.00	41.28 1.66 0.00	37.88 1.35 0.00	35.71 1.27 0.00	34.07 1.06 0.00	34.29 1.06 0.00	35.35 1.13 0.00	35.24 1.09 0.00	33.30 1.00 0.00	32.52 1.04 0.00	33.15 1.18 0.00	34.29 1.22 0.00	35.13 1.42 0.00	36.07 1.55 0.00	39.07 1.72 0.00	40.52 1.93 0.00	47.24 2.46 0.00	49.85 2.37 0.00	60.59 2.67 0.00	56.50 2.28 0.00	51.76 1.99 0.00	46.32 1.87 0.00	44.53 1.71 0.00	39.53 1.52 0.00
DANSKAMMER___3 23590	47.76 1.84 0.00	41.28 1.66 0.00	37.88 1.35 0.00	35.71 1.27 0.00	34.07 1.06 0.00	34.29 1.06 0.00	35.35 1.13 0.00	35.24 1.09 0.00	33.30 1.00 0.00	32.52 1.04 0.00	33.15 1.18 0.00	34.29 1.22 0.00	35.13 1.42 0.00	36.07 1.55 0.00	39.07 1.72 0.00	40.52 1.93 0.00	47.24 2.46 0.00	49.85 2.37 0.00	60.59 2.67 0.00	56.50 2.28 0.00	51.76 1.99 0.00	46.32 1.87 0.00	44.53 1.71 0.00	39.53 1.52 0.00

DANSKAMMER___4 23591	47.76 1.84 0.00	41.28 1.66 0.00	37.88 1.35 0.00	35.71 1.27 0.00	34.07 1.06 0.00	34.29 1.06 0.00	35.35 1.13 0.00	35.24 1.09 0.00	33.30 1.00 0.00	32.52 1.04 0.00	33.15 1.18 0.00	34.29 1.22 0.00	35.13 1.42 0.00	36.07 1.55 0.00	39.07 1.72 0.00	40.52 1.93 0.00	47.24 2.46 0.00	49.85 2.37 0.00	60.59 2.67 0.00	56.50 2.28 0.00	51.76 1.99 0.00	46.32 1.87 0.00	44.53 1.71 0.00	39.53 1.52 0.00
DANSKAMMER___DIESEL 23592	47.76 1.84 0.00	41.28 1.66 0.00	37.88 1.35 0.00	35.68 1.24 0.00	34.03 1.02 0.00	34.29 1.06 0.00	35.32 1.10 0.00	35.24 1.09 0.00	33.27 0.97 0.00	32.49 1.01 0.00	33.18 1.21 0.00	34.29 1.22 0.00	35.13 1.42 0.00	36.07 1.55 0.00	39.11 1.76 0.00	40.52 1.93 0.00	47.16 2.37 0.00	49.80 2.33 0.00	60.58 2.66 0.00	56.50 2.28 0.00	51.76 1.99 0.00	46.32 1.87 0.00	44.57 1.76 0.00	39.53 1.52 0.00
DARBY___SOLAR 323810	47.30 1.38 0.00	40.89 1.27 0.00	37.66 1.13 0.00	35.57 1.13 0.00	34.07 1.06 0.00	34.29 1.06 0.00	35.21 0.99 0.00	35.03 0.89 0.00	32.91 0.61 0.00	31.98 0.50 0.00	32.38 0.41 0.00	33.33 0.26 0.00	34.09 0.37 0.00	34.76 0.24 0.00	37.65 0.30 0.00	39.09 0.50 0.00	45.36 0.58 0.00	48.47 1.00 0.00	59.66 1.74 0.00	55.96 1.73 0.00	51.47 1.69 0.00	46.10 1.65 0.00	44.31 1.50 0.00	39.38 1.37 0.00
DASHVILLE___HYD 23610	47.53 1.61 0.00	41.05 1.43 0.00	37.66 1.13 0.00	35.51 1.07 0.00	33.87 0.86 0.00	34.06 0.83 0.00	35.04 0.82 0.00	34.93 0.79 0.00	32.94 0.65 0.00	32.17 0.69 0.00	32.83 0.86 0.00	33.93 0.86 0.00	34.76 1.05 0.00	35.69 1.17 0.00	38.70 1.34 0.00	40.09 1.50 0.00	46.75 1.97 0.00	49.28 1.80 0.00	59.95 2.03 0.00	55.96 1.74 0.00	51.26 1.49 0.00	45.88 1.42 0.00	44.18 1.37 0.00	39.27 1.25 0.00
DELAWARE___LFGE 323621	46.88 0.96 0.00	40.45 0.83 0.00	37.19 0.66 0.00	35.02 0.59 0.00	33.57 0.56 0.00	33.79 0.56 0.00	34.84 0.62 0.00	34.72 0.58 0.00	32.78 0.48 0.00	31.98 0.50 0.00	32.51 0.54 0.00	33.70 0.63 0.00	34.43 0.71 0.00	35.28 0.76 0.00	38.18 0.82 0.00	39.44 0.85 0.00	45.77 0.99 0.00	48.52 1.04 0.00	59.32 1.33 -0.07	55.55 1.30 -0.02	50.87 1.09 0.00	45.27 0.98 0.16	43.71 0.90 0.00	38.77 0.76 0.00
DERFIELD_115KV_TB7 355931	45.97 0.05 0.00	39.66 0.04 0.00	36.56 0.04 0.00	34.47 0.03 0.00	33.04 0.03 0.00	33.26 0.03 0.00	34.25 0.03 0.00	34.14 0.00 0.00	32.30 0.00 0.00	31.48 0.00 0.00	31.96 0.00 0.00	33.07 0.00 0.00	33.72 0.00 0.00	34.52 0.00 0.00	37.35 0.00 0.00	38.59 0.00 0.00	44.78 0.00 0.00	47.52 0.05 0.00	57.98 0.06 0.00	54.28 0.05 0.00	49.77 0.00 0.00	44.50 0.04 0.00	42.86 0.04 0.00	38.05 0.04 0.00
DOGLEVILLE___HYD 23807	45.60 -0.32 0.00	39.38 -0.24 0.00	36.27 -0.26 0.00	34.16 -0.28 0.00	32.71 -0.30 0.00	32.93 -0.30 0.00	33.98 -0.24 0.00	33.87 -0.27 0.00	31.94 -0.36 0.00	31.16 -0.31 0.00	31.68 -0.29 0.00	32.77 -0.30 0.00	33.41 -0.30 0.00	34.21 -0.31 0.00	37.02 -0.34 0.00	38.20 -0.39 0.00	44.33 -0.45 0.00	46.95 -0.52 0.00	57.40 -0.52 0.00	53.68 -0.54 0.00	49.22 -0.55 0.00	44.10 -0.36 0.00	42.47 -0.34 0.00	37.75 -0.27 0.00
DUNKIRK__115KV_TB_200 55889	44.50 -1.42 0.00	37.56 -2.06 0.00	34.48 -2.05 0.00	32.37 -2.07 0.00	31.36 -1.65 0.00	31.47 -1.76 0.00	32.68 -1.54 0.00	33.02 -1.13 0.00	31.59 -0.71 0.00	30.60 -0.88 0.00	30.56 -1.41 0.00	32.11 -0.96 0.00	32.77 -0.94 0.00	33.58 -0.93 0.00	36.42 -0.93 0.00	37.31 -1.27 0.00	42.98 -1.79 0.01	45.81 -1.66 0.00	56.30 -1.62 0.00	53.20 -0.98 0.05	48.28 -1.49 0.00	41.76 -1.87 0.83	40.97 -1.84 0.00	36.07 -1.94 0.01
DUNKIRK___1 23563	44.50 -1.42 0.00	37.56 -2.06 0.00	34.48 -2.05 0.00	32.37 -2.07 0.00	31.36 -1.65 0.00	31.47 -1.76 0.00	32.68 -1.54 0.00	33.02 -1.13 0.00	31.59 -0.71 0.00	30.60 -0.88 0.00	30.56 -1.41 0.00	32.11 -0.96 0.00	32.77 -0.94 0.00	33.58 -0.93 0.00	36.42 -0.93 0.00	37.31 -1.27 0.00	42.98 -1.79 0.01	45.81 -1.66 0.00	56.30 -1.62 0.00	53.20 -0.98 0.05	48.28 -1.49 0.00	41.76 -1.87 0.83	40.97 -1.84 0.00	36.07 -1.94 0.01
DUNKIRK___2 23564	44.50 -1.42 0.00	37.56 -2.06 0.00	34.48 -2.05 0.00	32.37 -2.07 0.00	31.36 -1.65 0.00	31.47 -1.76 0.00	32.68 -1.54 0.00	33.02 -1.13 0.00	31.59 -0.71 0.00	30.60 -0.88 0.00	30.56 -1.41 0.00	32.11 -0.96 0.00	32.77 -0.94 0.00	33.58 -0.93 0.00	36.42 -0.93 0.00	37.31 -1.27 0.00	42.98 -1.79 0.01	45.81 -1.66 0.00	56.30 -1.62 0.00	53.20 -0.98 0.05	48.28 -1.49 0.00	41.76 -1.87 0.83	40.97 -1.84 0.00	36.07 -1.94 0.01
DUNKIRK___3 23565	44.22 -1.70 0.00	37.36 -2.26 0.00	34.30 -2.23 0.00	32.20 -2.24 0.00	31.19 -1.82 0.00	31.30 -1.93 0.00	32.47 -1.75 0.00	32.85 -1.30 0.00	31.39 -0.90 0.00	30.44 -1.04 0.00	30.37 -1.60 0.00	31.91 -1.16 0.00	32.57 -1.15 0.00	33.38 -1.14 0.00	36.20 -1.16 0.00	37.08 -1.50 0.00	42.76 -2.02 0.01	45.53 -1.95 0.00	55.89 -2.03 0.00	52.87 -1.30 0.05	48.03 -1.74 0.00	41.53 -2.09 0.83	40.80 -2.01 0.00	35.91 -2.09 0.01
DUNKIRK___4 23566	44.22 -1.70 0.00	37.36 -2.26 0.00	34.30 -2.23 0.00	32.20 -2.24 0.00	31.19 -1.82 0.00	31.30 -1.93 0.00	32.47 -1.75 0.00	32.85 -1.30 0.00	31.39 -0.90 0.00	30.44 -1.04 0.00	30.37 -1.60 0.00	31.91 -1.16 0.00	32.57 -1.15 0.00	33.38 -1.14 0.00	36.20 -1.16 0.00	37.08 -1.50 0.00	42.76 -2.02 0.01	45.53 -1.95 0.00	55.89 -2.03 0.00	52.87 -1.30 0.05	48.03 -1.74 0.00	41.53 -2.09 0.83	40.80 -2.01 0.00	35.91 -2.09 0.01
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.94 2.02 0.00	41.40 1.78 0.00	37.95 1.42 0.00	35.75 1.31 0.00	34.07 1.06 0.00	34.36 1.13 0.00	35.49 1.27 0.00	35.48 1.33 0.00	33.62 1.32 0.00	32.93 1.45 0.00	33.63 1.66 0.00	34.79 1.72 0.00	35.64 1.92 0.00	36.59 2.07 0.00	39.63 2.28 0.00	40.98 2.39 0.00	47.65 2.87 0.00	50.04 2.56 0.00	60.64 2.72 0.00	56.50 2.28 0.00	51.81 2.04 0.00	46.50 2.04 0.00	44.70 1.88 0.00	39.65 1.63 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.48 1.56 0.00	41.01 1.39 0.00	37.62 1.10 0.00	35.47 1.03 0.00	33.84 0.83 0.00	34.09 0.86 0.00	35.14 0.92 0.00	35.07 0.92 0.00	33.14 0.84 0.00	32.39 0.91 0.00	33.05 1.09 0.00	34.19 1.12 0.00	35.03 1.32 0.00	35.97 1.45 0.00	38.96 1.61 0.00	40.32 1.74 0.00	46.93 2.15 0.00	49.52 2.04 0.00	60.18 2.26 0.00	56.18 1.95 0.00	51.46 1.69 0.00	46.05 1.60 0.00	44.27 1.46 0.00	39.27 1.25 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	48.45 2.53 0.00	41.76 2.14 0.00	38.17 1.64 0.00	35.95 1.52 0.00	34.20 1.19 0.00	34.26 1.03 0.00	35.38 1.16 0.00	35.37 1.23 0.00	33.56 1.26 0.00	32.86 1.39 0.00	33.59 1.63 0.00	34.75 1.69 0.00	35.64 1.92 0.00	36.59 2.07 0.00	39.56 2.20 0.00	40.94 2.35 0.00	47.60 2.82 0.00	49.80 2.33 0.00	60.18 2.26 0.00	55.96 1.74 0.00	51.46 1.69 0.00	46.32 1.87 0.00	44.65 1.84 0.00	39.80 1.79 0.00

E179THST_13_KV_LOAD 356214	48.68 2.76 0.00	41.92 2.30 0.00	38.32 1.79 0.00	36.09 1.65 0.00	34.33 1.32 0.00	34.39 1.16 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.75 1.79 0.00	34.95 1.88 0.00	35.84 2.12 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.14 2.55 0.00	47.87 3.09 0.00	50.09 2.61 0.00	60.53 2.61 0.00	56.28 2.06 0.00	51.76 1.99 0.00	46.54 2.09 0.00	44.87 2.06 0.00	39.99 1.98 0.00
EAST HAMPTON___GT 23717	49.64 3.72 0.00	43.30 3.69 0.00	39.63 3.10 0.00	37.23 2.79 0.00	35.45 2.44 0.00	35.72 2.49 0.00	36.55 2.33 0.00	36.77 2.63 0.00	35.37 3.07 0.00	34.63 3.15 -0.01	38.19 3.10 -3.12	40.91 3.27 -4.57	42.62 3.64 -5.26	48.22 3.70 -10.00	50.74 3.92 -9.46	51.94 4.24 -9.11	54.75 5.46 -4.50	63.75 5.22 -11.05	63.60 5.68 0.00	58.83 4.61 0.00	53.55 3.78 0.00	49.61 3.29 -1.86	45.98 3.17 0.00	40.83 2.81 0.00
EAST RIVER___6 23660	48.12 2.20 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.08 1.60 0.00	33.75 1.79 0.00	34.95 1.88 0.00	35.84 2.13 0.00	36.83 2.31 0.00	39.82 2.46 0.00	41.17 2.59 0.00	48.05 3.27 0.00	50.28 2.80 0.00	60.69 2.78 0.01	56.44 2.22 0.01	51.76 1.99 0.01	46.50 2.05 0.00	44.78 1.97 0.00	39.68 1.67 0.00
EAST RIVER___7 23524	48.12 2.20 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.08 1.60 0.00	33.75 1.79 0.00	34.95 1.88 0.00	35.84 2.13 0.00	36.83 2.31 0.00	39.82 2.46 0.00	41.17 2.59 0.00	48.05 3.27 0.00	50.28 2.80 0.00	60.69 2.78 0.01	56.44 2.22 0.01	51.76 1.99 0.01	46.50 2.05 0.00	44.78 1.97 0.00	39.68 1.67 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.80 1.88 0.00	41.28 1.66 0.00	37.84 1.31 0.00	35.68 1.24 0.00	34.00 0.99 0.00	34.26 1.03 0.00	35.38 1.16 0.00	35.37 1.23 0.00	33.49 1.20 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.47 1.75 0.00	36.45 1.93 0.00	39.45 2.09 0.00	40.83 2.24 0.00	47.42 2.64 0.00	49.85 2.37 0.00	60.47 2.55 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.32 1.87 0.00	44.57 1.76 0.00	39.53 1.52 0.00
EAST_HAMPTON___DIESEL 23722	49.60 3.67 0.00	43.26 3.64 0.00	39.60 3.07 0.00	37.19 2.76 0.00	35.39 2.38 0.00	35.69 2.46 0.00	36.51 2.29 0.00	36.77 2.63 0.00	35.33 3.04 0.00	34.63 3.15 -0.01	38.19 3.10 -3.12	40.88 3.24 -4.57	42.62 3.64 -5.26	48.22 3.70 -10.00	50.70 3.88 -9.46	51.94 4.24 -9.11	54.70 5.42 -4.50	63.70 5.18 -11.05	63.54 5.62 0.00	58.78 4.56 0.00	53.51 3.73 0.00	49.56 3.24 -1.86	45.94 3.12 0.00	40.79 2.77 0.00
EAST_POINT___SOLAR 323840	49.18 3.26 0.00	42.39 2.77 0.00	38.98 2.45 0.00	36.78 2.34 0.00	35.19 2.18 0.00	35.42 2.19 0.00	36.41 2.19 0.00	35.51 1.37 0.00	32.36 0.06 0.00	30.88 -0.60 0.00	31.39 -0.57 0.00	32.37 -0.70 0.00	33.25 -0.47 0.00	34.24 -0.28 0.00	37.32 -0.04 0.00	38.67 0.08 0.00	45.36 0.58 0.00	49.61 2.14 0.00	62.32 4.40 0.00	58.72 4.50 0.00	53.76 3.98 0.00	48.01 3.56 0.00	46.15 3.34 0.00	40.90 2.89 0.00
EAST_PULASKI___ESR 323781	45.60 -0.32 0.00	39.30 -0.32 0.00	36.23 -0.29 0.00	34.06 -0.38 0.00	32.68 -0.33 0.00	32.93 -0.30 0.00	33.98 -0.24 0.00	33.84 -0.31 0.00	31.91 -0.39 0.00	31.07 -0.41 0.00	31.49 -0.48 0.00	32.50 -0.56 0.00	32.98 -0.74 0.00	33.72 -0.79 0.00	36.53 -0.82 0.00	37.70 -0.89 0.00	43.89 -0.90 -0.01	46.91 -0.57 0.00	58.06 -0.35 -0.48	54.20 -0.27 -0.25	49.52 -0.25 0.00	44.75 -0.22 -0.52	42.60 -0.21 0.00	37.71 -0.31 0.00
EAST_RIVER___1 323558	48.17 2.25 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.23 1.22 0.00	34.42 1.19 0.00	35.62 1.40 0.00	35.58 1.43 0.00	33.82 1.52 0.00	33.08 1.60 0.00	33.75 1.79 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	48.01 3.23 0.00	50.23 2.75 0.00	60.64 2.72 0.01	56.44 2.22 0.01	51.76 1.99 0.01	46.54 2.09 0.00	44.83 2.01 0.00	39.76 1.75 0.00
EAST_RIVER___2 323559	48.12 2.20 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.78 1.49 0.00	33.08 1.60 0.00	33.75 1.79 0.00	34.95 1.88 0.00	35.84 2.13 0.00	36.83 2.31 0.00	39.82 2.46 0.00	41.17 2.59 0.00	48.05 3.27 0.00	50.28 2.80 0.00	60.69 2.78 0.01	56.44 2.22 0.01	51.76 1.99 0.01	46.50 2.05 0.00	44.78 1.97 0.00	39.68 1.67 0.00
EAST___DELAWARE_HYD 23607	47.89 1.97 0.00	41.32 1.70 0.00	37.92 1.39 0.00	35.71 1.27 0.00	34.10 1.09 0.00	34.32 1.09 0.00	35.38 1.16 0.00	35.24 1.09 0.00	33.24 0.94 0.00	32.42 0.94 0.00	33.02 1.05 0.00	34.19 1.12 0.00	35.03 1.31 0.00	35.97 1.45 0.00	38.96 1.61 0.00	40.36 1.78 0.00	47.20 2.42 0.00	49.89 2.42 0.00	60.76 2.84 0.00	56.77 2.55 0.00	52.01 2.24 0.00	46.46 2.00 0.00	44.65 1.84 0.00	39.61 1.60 0.00
EIGHT_POINT___WT_PWR 323820	45.69 -0.23 0.00	38.83 -0.79 0.00	35.65 -0.88 0.00	33.51 -0.93 0.00	32.35 -0.66 0.00	32.46 -0.76 0.00	33.54 -0.68 0.00	33.74 -0.41 0.00	31.91 -0.39 0.00	30.72 -0.76 0.00	30.91 -1.05 0.00	32.18 -0.89 0.00	32.84 -0.88 0.00	33.62 -0.90 0.00	36.42 -0.93 0.00	37.43 -1.16 0.00	43.43 -1.34 0.01	46.38 -1.09 0.00	57.47 -0.52 -0.07	54.49 0.27 0.01	49.77 0.00 0.00	43.45 -0.40 0.61	42.56 -0.26 0.00	37.44 -0.57 0.01
ELBRIDGE_115KV_TB2 80188	45.28 -0.64 0.00	38.95 -0.67 0.00	35.94 -0.58 0.00	33.82 -0.62 0.00	32.51 -0.50 0.00	32.66 -0.56 0.00	33.67 -0.55 0.00	33.63 -0.51 0.00	31.85 -0.45 0.00	31.01 -0.47 0.00	31.39 -0.58 0.00	32.57 -0.50 0.00	33.11 -0.61 0.00	33.86 -0.66 0.00	36.65 -0.71 0.00	37.82 -0.77 0.00	43.93 -0.85 0.00	46.72 -0.76 0.00	57.56 -0.70 -0.34	53.83 -0.54 -0.15	49.17 -0.60 0.00	43.83 -0.62 0.00	42.21 -0.60 0.00	37.40 -0.61 0.00
ELEC_TRO_TEK 24086	48.45 2.53 0.00	41.92 2.30 0.00	38.39 1.86 0.00	36.16 1.72 0.00	34.36 1.35 0.00	34.69 1.46 0.00	35.66 1.44 0.00	35.71 1.57 0.00	33.88 1.58 0.00	33.40 1.92 0.00	37.10 2.01 -3.12	39.72 2.08 -4.57	41.24 2.26 -5.26	46.94 2.42 -10.00	49.43 2.61 -9.46	50.48 2.78 -9.11	52.55 3.27 -4.50	61.56 3.04 -11.05	61.28 3.36 0.00	56.94 2.71 0.00	52.21 2.44 0.00	48.81 2.49 -1.86	45.21 2.40 0.00	40.07 2.05 0.00
ELLENBURG_WT_PWR 323604	46.29 0.37 0.00	39.93 0.32 0.00	36.86 0.33 0.00	34.78 0.34 0.00	33.31 0.30 0.00	33.59 0.37 0.00	34.53 0.31 0.00	34.42 0.27 0.00	32.59 0.29 0.00	31.76 0.28 0.00	32.22 0.25 0.00	33.33 0.26 0.00	34.02 0.30 0.00	34.83 0.31 0.00	37.65 0.30 0.00	38.82 0.23 0.00	45.05 0.27 0.00	47.71 0.24 0.00	58.27 0.35 0.00	54.55 0.33 0.00	50.22 0.45 0.00	44.77 0.31 0.00	43.11 0.30 0.00	38.32 0.30 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.81 -2.11 0.00	36.92 -2.69 0.00	33.90 -2.63 0.00	31.86 -2.58 0.00	30.86 -2.15 0.00	30.97 -2.26 0.00	32.13 -2.09 0.00	32.57 -1.57 0.00	31.23 -1.07 0.00	30.19 -1.29 0.00	30.08 -1.89 0.00	31.58 -1.49 0.00	32.17 -1.55 0.00	32.96 -1.55 0.00	35.79 -1.57 0.00	36.66 -1.93 0.00	42.18 -2.60 0.01	44.86 -2.61 0.00	55.14 -2.78 0.00	52.06 -2.11 0.05	47.43 -2.34 0.00	41.09 -2.49 0.88	40.54 -2.27 0.00	35.65 -2.36 0.01
EMPIRE_CC_1 323656	46.20 0.28 0.00	40.06 0.44 0.00	36.93 0.40 0.00	34.96 0.52 0.00	33.51 0.50 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.52 0.38 0.00	32.62 0.32 0.00	31.83 0.35 0.00	32.35 0.38 0.00	33.30 0.23 0.00	34.06 0.34 0.00	34.83 0.31 0.00	37.69 0.34 0.00	39.13 0.54 0.00	45.23 0.45 0.00	47.95 0.47 0.00	58.33 0.41 0.00	54.55 0.33 0.00	50.12 0.35 0.00	44.94 0.49 0.00	43.20 0.38 0.00	38.43 0.42 0.00
EMPIRE_CC_2 323658	46.20 0.28 0.00	40.06 0.44 0.00	36.93 0.40 0.00	34.96 0.52 0.00	33.51 0.50 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.52 0.38 0.00	32.62 0.32 0.00	31.83 0.35 0.00	32.35 0.38 0.00	33.30 0.23 0.00	34.06 0.34 0.00	34.83 0.31 0.00	37.69 0.34 0.00	39.13 0.54 0.00	45.23 0.45 0.00	47.95 0.47 0.00	58.33 0.41 0.00	54.55 0.33 0.00	50.12 0.35 0.00	44.94 0.49 0.00	43.20 0.38 0.00	38.43 0.42 0.00
ENORWICH_115KV_TB1 80156	48.54 2.62 0.00	41.76 2.14 0.00	38.32 1.79 0.00	35.92 1.48 0.00	34.46 1.45 0.00	34.76 1.53 0.00	35.93 1.71 0.00	35.58 1.43 0.00	33.20 0.90 0.00	32.20 0.72 0.00	32.44 0.48 0.00	33.83 0.76 0.00	34.56 0.84 0.00	35.35 0.83 0.00	38.29 0.93 0.00	39.40 0.81 0.00	46.03 1.25 0.00	49.52 2.04 0.00	61.41 3.36 -0.13	57.74 3.47 -0.05	52.76 2.99 0.00	46.72 2.49 0.22	45.08 2.27 0.00	39.87 1.86 0.00
ERIE_ST__34_KV_TB1-2 80199	43.35 -2.57 0.00	36.57 -3.05 0.00	33.57 -2.96 0.00	31.51 -2.93 0.00	30.50 -2.51 0.00	30.60 -2.62 0.00	31.86 -2.36 0.00	32.27 -1.88 0.00	30.94 -1.36 0.00	29.94 -1.54 0.00	29.79 -2.17 0.00	31.31 -1.75 0.00	31.90 -1.82 0.00	32.69 -1.83 0.00	35.52 -1.83 0.00	36.35 -2.24 0.00	41.82 -2.96 0.01	44.48 -2.99 0.00	54.73 -3.19 0.00	51.68 -2.49 0.05	47.08 -2.69 0.00	40.69 -2.89 0.87	40.16 -2.65 0.00	35.23 -2.77 0.01
ERIE_WT_PWR 323693	43.90 -2.02 0.00	36.97 -2.65 0.00	33.94 -2.59 0.00	31.86 -2.58 0.00	30.90 -2.11 0.00	31.03 -2.19 0.00	32.07 -2.15 0.00	32.57 -1.57 0.00	31.26 -1.03 0.00	30.06 -1.42 0.00	30.33 -1.63 0.00	31.61 -1.45 0.00	32.20 -1.52 0.00	33.00 -1.52 0.00	35.82 -1.53 0.00	36.70 -1.89 0.00	42.17 -2.60 0.01	44.86 -2.61 0.00	55.20 -2.72 0.00	51.95 -2.23 0.05	47.53 -2.24 0.00	41.14 -2.44 0.87	40.72 -2.10 0.00	35.65 -2.36 0.01
ESPRGFLD_115KV_TB1 80157	47.39 1.47 0.00	40.89 1.27 0.00	37.59 1.06 0.00	35.33 0.90 0.00	33.87 0.86 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.10 0.96 0.00	33.04 0.74 0.00	32.30 0.82 0.00	32.80 0.83 0.00	34.06 0.99 0.00	34.80 1.08 0.00	35.62 1.10 0.00	38.59 1.23 0.00	39.78 1.20 0.00	46.21 1.43 0.00	49.14 1.66 0.00	60.19 2.20 -0.07	56.30 2.06 -0.02	51.56 1.79 0.00	45.90 1.60 0.15	44.23 1.41 0.00	39.23 1.22 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.43 0.51 0.00	39.90 0.28 0.00	36.71 0.18 0.00	34.54 0.10 0.00	33.18 0.17 0.00	33.33 0.10 0.00	34.39 0.17 0.00	34.35 0.20 0.00	32.43 0.13 0.00	31.48 0.00 0.00	31.84 -0.13 0.00	33.07 0.00 0.00	33.68 -0.03 0.00	34.48 -0.03 0.00	37.35 0.00 0.00	38.55 -0.04 0.00	44.87 0.09 0.00	47.85 0.38 0.00	58.97 0.87 -0.18	55.32 1.03 -0.07	50.57 0.80 0.00	44.75 0.53 0.23	43.33 0.51 0.00	38.35 0.34 0.00
ETNA____115KV_TB2 80207	46.43 0.51 0.00	39.90 0.28 0.00	36.71 0.18 0.00	34.54 0.10 0.00	33.18 0.17 0.00	33.33 0.10 0.00	34.39 0.17 0.00	34.35 0.20 0.00	32.43 0.13 0.00	31.48 0.00 0.00	31.84 -0.13 0.00	33.07 0.00 0.00	33.68 -0.03 0.00	34.48 -0.03 0.00	37.35 0.00 0.00	38.55 -0.04 0.00	44.87 0.09 0.00	47.85 0.38 0.00	58.97 0.87 -0.18	55.32 1.03 -0.07	50.57 0.80 0.00	44.75 0.53 0.23	43.33 0.51 0.00	38.35 0.34 0.00
EUCLID__115KV_TB2 356179	45.00 -0.92 0.00	38.71 -0.91 0.00	35.76 -0.77 0.00	33.68 -0.76 0.00	32.32 -0.69 0.00	32.50 -0.73 0.00	33.50 -0.72 0.00	33.50 -0.65 0.00	31.72 -0.58 0.00	30.88 -0.60 0.00	31.29 -0.67 0.00	32.44 -0.63 0.00	32.94 -0.78 0.00	33.72 -0.79 0.00	36.50 -0.86 0.00	37.62 -0.96 0.00	43.70 -1.07 0.01	46.48 -1.00 0.00	56.97 -1.10 -0.15	53.34 -0.92 -0.03	48.88 -0.90 0.00	43.04 -0.89 0.52	41.96 -0.86 0.00	37.17 -0.84 0.00
EXCELSIOR__SOLAR 323857	44.27 -1.65 0.00	37.52 -2.10 0.00	34.55 -1.97 0.00	32.44 -2.00 0.00	31.36 -1.65 0.00	31.50 -1.73 0.00	32.51 -1.71 0.00	32.92 -1.23 0.00	31.46 -0.84 0.00	30.41 -1.07 0.00	30.72 -1.25 0.00	31.91 -1.16 0.00	32.51 -1.21 0.00	33.28 -1.24 0.00	36.08 -1.27 0.00	37.00 -1.58 0.00	42.80 -1.97 0.01	45.53 -1.95 0.00	55.89 -2.03 0.00	52.42 -1.74 0.06	48.08 -1.69 0.00	41.59 -1.82 1.04	41.31 -1.50 0.00	36.33 -1.67 0.01
E_CANADA_CAP_HY 24051	49.00 3.08 0.00	42.27 2.65 0.00	38.87 2.34 0.00	36.68 2.24 0.00	35.12 2.11 0.00	35.32 2.09 0.00	36.34 2.12 0.00	35.75 1.61 0.00	32.98 0.68 0.00	31.67 0.19 0.00	32.09 0.13 0.00	33.17 0.10 0.00	33.96 0.24 0.00	34.86 0.35 0.00	37.88 0.52 0.00	39.32 0.73 0.00	46.03 1.25 0.00	49.89 2.42 0.00	62.09 4.17 0.00	58.40 4.18 0.00	53.51 3.73 0.00	47.79 3.34 0.00	45.94 3.12 0.00	40.75 2.74 0.00
E_CANADA_MHWK_HY 24050	45.60 -0.32 0.00	39.38 -0.24 0.00	36.27 -0.25 0.00	34.16 -0.28 0.00	32.71 -0.30 0.00	32.93 -0.30 0.00	33.98 -0.24 0.00	33.87 -0.27 0.00	31.94 -0.35 0.00	31.16 -0.31 0.00	31.68 -0.29 0.00	32.77 -0.30 0.00	33.41 -0.30 0.00	34.21 -0.31 0.00	37.02 -0.34 0.00	38.20 -0.39 0.00	44.33 -0.45 0.00	47.00 -0.47 0.00	57.40 -0.52 0.00	53.68 -0.54 0.00	49.23 -0.55 0.00	44.10 -0.36 0.00	42.47 -0.34 0.00	37.75 -0.26 0.00
E_FISHKILL__LBMP 23776	47.34 1.42 0.00	40.89 1.27 0.00	37.55 1.02 0.00	35.40 0.96 0.00	33.77 0.76 0.00	34.02 0.80 0.00	35.11 0.89 0.00	35.07 0.92 0.00	33.20 0.90 0.00	32.45 0.98 0.00	33.15 1.18 0.00	34.22 1.16 0.00	35.07 1.35 0.00	36.00 1.48 0.00	38.96 1.61 0.00	40.32 1.74 0.00	46.84 2.06 0.00	49.33 1.85 0.00	59.83 1.91 0.00	55.85 1.63 0.00	51.17 1.39 0.00	45.88 1.42 0.00	44.14 1.33 0.00	39.19 1.18 0.00
FALCON__SEABRD_CC1 323796	46.79 0.87 0.00	40.33 0.71 0.00	37.26 0.73 0.00	35.13 0.69 0.00	33.67 0.66 0.00	33.96 0.73 0.00	34.90 0.68 0.00	34.76 0.62 0.00	32.94 0.65 0.00	32.11 0.63 0.00	32.57 0.61 0.00	33.69 0.63 0.00	34.39 0.67 0.00	35.21 0.69 0.00	38.10 0.75 0.00	39.24 0.66 0.00	45.54 0.76 0.00	48.28 0.81 0.00	58.96 1.04 0.00	55.25 1.03 0.00	50.87 1.09 0.00	45.30 0.84 0.00	43.58 0.77 0.00	38.77 0.76 0.00

FALCON___SEABRD_CC2 323797	46.79 0.87 0.00	40.33 0.71 0.00	37.26 0.73 0.00	35.13 0.69 0.00	33.67 0.66 0.00	33.96 0.73 0.00	34.90 0.68 0.00	34.76 0.62 0.00	32.94 0.65 0.00	32.11 0.63 0.00	32.57 0.61 0.00	33.69 0.63 0.00	34.39 0.67 0.00	35.21 0.69 0.00	38.10 0.75 0.00	39.24 0.66 0.00	45.54 0.76 0.00	48.28 0.81 0.00	58.96 1.04 0.00	55.25 1.03 0.00	50.87 1.09 0.00	45.30 0.84 0.00	43.58 0.77 0.00	38.77 0.76 0.00
FAR ROCKAWAY___4 23548	49.23 3.31 0.00	42.55 2.93 0.00	38.98 2.45 0.00	36.68 2.24 0.00	34.86 1.85 0.00	35.19 1.96 0.00	36.14 1.92 0.00	36.16 2.01 0.00	34.33 2.03 0.00	33.87 2.39 0.00	37.58 2.49 -3.12	40.25 2.61 -4.57	41.85 2.87 -5.26	47.59 3.07 -10.00	50.14 3.32 -9.46	51.21 3.51 -9.11	53.41 4.12 -4.50	62.51 3.99 -11.05	62.44 4.52 0.00	57.97 3.74 0.00	53.11 3.33 0.00	49.52 3.20 -1.86	45.90 3.08 0.00	40.67 2.66 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.17 2.25 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.17 1.16 0.00	34.39 1.16 0.00	35.59 1.37 0.00	35.61 1.47 0.00	33.75 1.45 0.00	33.08 1.61 0.00	33.79 1.82 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.82 2.47 0.00	41.17 2.59 0.00	47.83 3.05 0.00	50.09 2.61 0.00	60.64 2.72 0.00	56.45 2.22 0.00	51.81 2.04 0.00	46.54 2.09 0.00	44.87 2.06 0.00	39.76 1.75 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.17 2.25 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.17 1.16 0.00	34.42 1.20 0.00	35.59 1.37 0.00	35.61 1.47 0.00	33.75 1.45 0.00	33.08 1.61 0.00	33.79 1.82 0.00	34.95 1.88 0.00	35.84 2.12 0.00	36.79 2.28 0.00	39.82 2.47 0.00	41.17 2.59 0.00	47.83 3.05 0.00	50.13 2.66 0.00	60.64 2.72 0.00	56.45 2.22 0.00	51.81 2.04 0.00	46.54 2.09 0.00	44.87 2.06 0.00	39.80 1.79 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.12 2.20 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.85 1.41 0.00	34.13 1.12 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.58 1.43 0.00	33.75 1.45 0.00	33.05 1.57 0.00	33.75 1.79 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	47.78 3.00 0.00	50.09 2.61 0.00	60.58 2.66 0.00	56.39 2.17 0.00	51.76 1.99 0.00	46.54 2.09 0.00	44.82 2.01 0.00	39.76 1.75 0.00
FARRAGUT___LBMP 323566	48.12 2.20 0.00	41.52 1.90 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.78 2.06 0.00	36.76 2.24 0.00	39.75 2.39 0.00	41.14 2.55 0.00	47.74 2.96 0.00	50.04 2.56 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.71 1.94 0.00	46.50 2.04 0.00	44.78 1.97 0.00	39.72 1.71 0.00
FARRCKWY_69_KV_BK2 55825	49.23 3.31 0.00	42.55 2.93 0.00	38.98 2.45 0.00	36.68 2.24 0.00	34.86 1.85 0.00	35.19 1.96 0.00	36.14 1.92 0.00	36.16 2.01 0.00	34.33 2.03 0.00	33.87 2.39 0.00	37.58 2.49 -3.12	40.25 2.61 -4.57	41.85 2.87 -5.26	47.59 3.07 -10.00	50.14 3.32 -9.46	51.21 3.51 -9.11	53.41 4.12 -4.50	62.51 3.99 -11.05	62.44 4.52 0.00	57.97 3.74 0.00	53.11 3.33 0.00	49.52 3.20 -1.86	45.90 3.08 0.00	40.67 2.66 0.00
FENNER___WINDPWR 24204	46.52 0.60 0.00	40.10 0.48 0.00	36.93 0.40 0.00	34.75 0.31 0.00	33.34 0.33 0.00	33.56 0.33 0.00	34.63 0.41 0.00	34.49 0.34 0.00	32.49 0.19 0.00	31.64 0.16 0.00	32.06 0.10 0.00	33.23 0.17 0.00	33.85 0.14 0.00	34.62 0.10 0.00	37.47 0.11 0.00	38.70 0.12 0.00	45.01 0.23 0.00	47.95 0.47 0.00	58.93 0.87 -0.14	55.19 0.92 -0.05	50.57 0.79 0.00	44.86 0.62 0.22	43.37 0.56 0.00	38.43 0.42 0.00
FIBERTEK___ENERGY 23856	45.51 -0.41 0.00	39.18 -0.44 0.00	36.13 -0.40 0.00	34.03 -0.41 0.00	32.68 -0.33 0.00	32.83 -0.40 0.00	33.84 -0.38 0.00	33.80 -0.34 0.00	31.98 -0.32 0.00	31.16 -0.31 0.00	31.58 -0.38 0.00	32.74 -0.33 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.83 -0.52 0.00	37.97 -0.62 0.00	44.11 -0.67 0.00	46.95 -0.52 0.00	57.83 -0.41 -0.32	54.10 -0.27 -0.14	49.42 -0.35 0.00	44.05 -0.40 0.00	42.47 -0.34 0.00	37.59 -0.42 0.00
FITZPATRICK____ 23598	44.41 -1.51 0.00	38.23 -1.39 0.00	35.32 -1.20 0.00	33.30 -1.14 0.00	31.95 -1.06 0.00	32.13 -1.10 0.00	33.12 -1.10 0.00	33.09 -1.06 0.00	31.33 -0.97 0.00	30.50 -0.98 0.00	30.94 -1.02 0.00	32.04 -1.03 0.00	32.54 -1.18 0.00	33.28 -1.24 0.00	36.01 -1.34 0.00	37.16 -1.43 0.00	43.13 -1.66 0.00	45.81 -1.66 0.00	54.25 -1.91 1.76	51.70 -1.74 0.79	48.13 -1.64 0.00	42.94 -1.51 0.00	41.36 -1.46 0.00	36.68 -1.33 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.85 1.93 0.00	41.32 1.70 0.00	37.92 1.39 0.00	35.75 1.31 0.00	34.07 1.06 0.00	34.32 1.10 0.00	35.35 1.13 0.00	35.27 1.13 0.00	33.30 1.00 0.00	32.52 1.04 0.00	33.21 1.25 0.00	34.32 1.26 0.00	35.17 1.45 0.00	36.10 1.59 0.00	39.15 1.79 0.00	40.56 1.97 0.00	47.25 2.46 0.00	49.85 2.37 0.00	60.64 2.72 0.00	56.61 2.39 0.00	51.86 2.09 0.00	46.36 1.91 0.00	44.61 1.80 0.00	39.57 1.56 0.00
FORT ORANGE____ 23900	46.15 0.23 0.00	40.06 0.44 0.00	36.86 0.33 0.00	34.82 0.38 0.00	33.37 0.36 0.00	33.56 0.33 0.00	34.49 0.27 0.00	34.35 0.21 0.00	32.36 0.06 0.00	31.54 0.06 0.00	32.06 0.10 0.00	33.07 0.00 0.00	33.82 0.10 0.00	34.59 0.07 0.00	37.51 0.15 0.00	38.90 0.31 0.00	45.05 0.27 0.00	47.81 0.33 0.00	58.33 0.41 0.00	54.61 0.38 0.00	50.07 0.30 0.00	44.81 0.35 0.00	43.15 0.34 0.00	38.43 0.42 0.00
FORT_DRUM_COGEN 23780	47.67 1.74 0.00	41.12 1.51 0.00	37.77 1.24 0.00	35.37 0.93 0.00	33.90 0.89 0.00	34.26 1.03 0.00	35.52 1.30 0.00	35.03 0.89 0.00	32.72 0.42 0.00	31.86 0.38 0.00	32.16 0.19 0.00	32.93 -0.13 0.00	33.48 -0.24 0.00	34.21 -0.31 0.00	37.02 -0.34 0.00	38.24 -0.35 0.00	44.74 -0.04 0.00	48.71 1.23 0.00	60.47 2.32 -0.24	56.72 2.39 -0.11	52.06 2.29 0.00	46.41 1.96 0.00	44.65 1.84 0.00	39.49 1.48 0.00
FOX_HILLS___ESR 323835	33.83 2.62 14.70	28.32 2.18 13.48	38.21 1.68 0.00	35.99 1.55 0.00	34.30 1.29 0.00	34.39 1.16 0.00	35.59 1.37 0.00	35.51 1.37 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.66 1.69 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.79 2.28 0.00	39.75 2.39 0.00	41.17 2.59 0.00	48.14 3.36 0.00	50.08 2.61 0.00	60.24 2.32 0.00	55.91 1.68 0.00	51.86 2.09 0.00	46.81 2.35 0.00	45.08 2.27 0.00	40.06 2.05 0.00
FPL FAR_ROCK_GT1 24212	49.23 3.31 0.00	42.55 2.93 0.00	39.05 2.52 0.00	36.75 2.31 0.00	35.02 2.01 0.00	35.25 2.03 0.00	36.24 2.02 0.00	36.23 2.08 0.00	34.65 2.36 0.00	33.85 2.36 -0.01	37.58 2.49 -3.12	40.25 2.61 -4.57	41.85 2.86 -5.26	47.59 3.07 -10.00	50.10 3.29 -9.46	51.21 3.51 -9.11	53.54 4.26 -4.50	62.61 4.08 -11.05	62.27 4.35 0.00	57.96 3.74 0.00	53.20 3.43 0.00	49.52 3.20 -1.86	45.85 3.04 0.00	40.67 2.66 0.00

FPL FAR_ROCK_GT2 23815	49.23 3.31 0.00	42.55 2.93 0.00	39.05 2.52 0.00	36.75 2.31 0.00	35.02 2.01 0.00	35.25 2.03 0.00	36.24 2.02 0.00	36.23 2.08 0.00	34.65 2.36 0.00	33.85 2.36 -0.01	37.58 2.49 -3.12	40.25 2.61 -4.57	41.85 2.86 -5.26	47.59 3.07 -10.00	50.10 3.29 -9.46	51.21 3.51 -9.11	53.54 4.26 -4.50	62.61 4.08 -11.05	62.27 4.35 0.00	57.96 3.74 0.00	53.20 3.43 0.00	49.52 3.20 -1.86	45.85 3.04 0.00	40.67 2.66 0.00
FRANKLIN_FALL_HYD 24054	46.93 1.01 0.00	40.37 0.75 0.00	37.29 0.77 0.00	35.23 0.79 0.00	33.74 0.73 0.00	34.06 0.83 0.00	34.97 0.75 0.00	34.86 0.72 0.00	33.11 0.81 0.00	32.20 0.72 0.00	32.67 0.70 0.00	33.83 0.76 0.00	34.56 0.84 0.00	35.35 0.83 0.00	38.14 0.78 0.00	39.36 0.77 0.00	45.72 0.94 0.00	48.57 1.09 0.00	59.37 1.45 0.00	55.58 1.36 0.00	51.22 1.44 0.00	45.56 1.11 0.00	43.75 0.94 0.00	38.89 0.87 0.00
FREEPORT_EQUS_GT1 23764	48.86 2.94 0.00	42.27 2.65 0.00	38.83 2.30 0.00	36.54 2.10 0.00	34.82 1.81 0.00	35.05 1.83 0.00	36.03 1.81 0.00	36.06 1.91 0.00	34.50 2.20 0.00	33.69 2.20 -0.01	37.36 2.27 -3.12	39.99 2.35 -4.57	41.54 2.56 -5.26	47.25 2.73 -10.00	49.76 2.95 -9.46	50.82 3.12 -9.11	53.14 3.85 -4.50	62.13 3.61 -11.05	61.74 3.82 0.00	57.42 3.20 0.00	52.76 2.99 0.00	49.20 2.89 -1.86	45.59 2.78 0.00	40.45 2.43 0.00
FREEPORT___CT2 23818	48.86 2.94 0.00	42.27 2.65 0.00	38.83 2.30 0.00	36.54 2.10 0.00	34.82 1.81 0.00	35.05 1.83 0.00	36.03 1.81 0.00	36.06 1.91 0.00	34.50 2.20 0.00	33.69 2.20 -0.01	37.36 2.27 -3.12	39.99 2.35 -4.57	41.54 2.56 -5.26	47.25 2.73 -10.00	49.76 2.95 -9.46	50.82 3.12 -9.11	53.14 3.85 -4.50	62.13 3.61 -11.05	61.74 3.82 0.00	57.42 3.20 0.00	52.76 2.99 0.00	49.20 2.89 -1.86	45.59 2.78 0.00	40.45 2.43 0.00
FRESHKLS_33_KV_LOAD 356253	33.97 2.76 14.70	28.48 2.34 13.48	38.35 1.83 0.00	36.09 1.65 0.00	34.40 1.39 0.00	34.49 1.26 0.00	35.69 1.47 0.00	35.61 1.47 0.00	33.78 1.49 0.00	33.05 1.57 0.00	33.75 1.79 0.00	34.98 1.92 0.00	35.88 2.16 0.00	36.87 2.35 0.00	39.86 2.50 0.00	41.29 2.70 0.00	48.32 3.54 0.00	50.18 2.70 0.00	60.24 2.32 0.00	55.91 1.68 0.00	52.06 2.29 0.00	47.03 2.58 0.00	45.29 2.48 0.00	40.25 2.24 0.00
FULTON COGEN____ 23766	44.96 -0.96 0.00	38.71 -0.91 0.00	35.76 -0.77 0.00	33.68 -0.76 0.00	32.32 -0.69 0.00	32.50 -0.73 0.00	33.50 -0.72 0.00	33.46 -0.68 0.00	31.68 -0.61 0.00	30.85 -0.63 0.00	31.26 -0.70 0.00	32.37 -0.69 0.00	32.88 -0.84 0.00	33.62 -0.90 0.00	36.38 -0.97 0.00	37.55 -1.04 0.00	43.62 -1.16 -0.01	46.43 -1.04 0.00	57.39 -1.10 -0.57	53.60 -0.92 -0.30	48.83 -0.95 0.00	44.21 -0.93 -0.69	41.96 -0.86 0.00	37.18 -0.84 -0.01
FULTON___LFGE 323630	48.54 2.62 0.00	41.88 2.26 0.00	38.50 1.97 0.00	36.33 1.89 0.00	34.79 1.78 0.00	34.99 1.76 0.00	36.00 1.78 0.00	35.44 1.30 0.00	32.69 0.39 0.00	31.38 -0.09 0.00	31.87 -0.10 0.00	32.90 -0.16 0.00	33.72 0.00 0.00	34.55 -0.90 0.00	37.51 0.15 0.00	38.93 0.35 0.00	45.54 0.76 0.00	49.38 1.90 0.00	61.45 3.53 0.00	57.80 3.58 0.00	52.96 3.19 0.00	47.34 2.89 0.00	45.51 2.70 0.00	40.33 2.32 0.00
G.F.CEMENT___DRP 24184	47.62 1.70 0.00	41.16 1.55 0.00	37.92 1.39 0.00	35.82 1.38 0.00	34.26 1.25 0.00	34.49 1.26 0.00	35.42 1.20 0.00	35.20 1.06 0.00	33.04 0.74 0.00	32.08 0.60 0.00	32.44 0.48 0.00	33.36 0.30 0.00	34.12 0.40 0.00	34.65 0.14 0.00	37.62 0.26 0.00	39.01 0.42 0.00	45.32 0.54 0.00	48.57 1.09 0.00	60.12 2.20 0.00	56.45 2.22 0.00	51.96 2.19 0.00	46.50 2.04 0.00	44.74 1.93 0.00	39.72 1.71 0.00
GARDENVILLE___LBMP 24039	43.81 -2.11 0.00	36.96 -2.65 0.00	33.97 -2.56 0.00	31.89 -2.55 0.00	30.86 -2.15 0.00	30.97 -2.26 0.00	32.17 -2.05 0.00	32.57 -1.57 0.00	31.20 -1.10 0.00	30.19 -1.29 0.00	30.08 -1.89 0.00	31.58 -1.49 0.00	32.20 -1.52 0.00	33.00 -1.52 0.00	35.79 -1.57 0.00	36.66 -1.93 0.00	42.22 -2.55 0.01	44.91 -2.56 0.00	55.20 -2.72 0.00	52.16 -2.01 0.05	47.48 -2.29 0.00	41.10 -2.49 0.86	40.54 -2.27 0.00	35.65 -2.36 0.01
GARDNVLA_35_KV_LD 355827	43.85 -2.07 0.00	37.00 -2.61 0.00	33.97 -2.56 0.00	31.89 -2.55 0.00	30.90 -2.11 0.00	31.00 -2.23 0.00	32.20 -2.02 0.00	32.61 -1.54 0.00	31.26 -1.03 0.00	30.25 -1.23 0.00	30.11 -1.85 0.00	31.64 -1.42 0.00	32.23 -1.48 0.00	33.03 -1.48 0.00	35.86 -1.49 0.00	36.74 -1.85 0.00	42.26 -2.51 0.01	44.96 -2.52 0.00	55.26 -2.66 0.00	52.16 -2.01 0.05	47.53 -2.24 0.00	41.19 -2.40 0.87	40.59 -2.23 0.00	35.69 -2.32 0.01
GELCKHM___115KV_LOAD 80723	45.19 -0.73 0.00	38.91 -0.71 0.00	35.91 -0.62 0.00	33.82 -0.62 0.00	32.45 -0.56 0.00	32.63 -0.60 0.00	33.64 -0.58 0.00	33.60 -0.55 0.00	31.81 -0.48 0.00	30.98 -0.50 0.00	31.39 -0.58 0.00	32.54 -0.53 0.00	33.08 -0.64 0.00	33.83 -0.69 0.00	36.61 -0.75 0.00	37.78 -0.81 0.00	43.84 -0.94 0.00	46.67 -0.81 0.00	57.32 -0.81 -0.21	53.65 -0.65 -0.07	49.07 -0.70 0.00	43.39 -0.71 0.35	42.13 -0.68 0.00	37.32 -0.68 0.00
GENERAL___MILLS 23808	43.81 -2.11 0.00	36.96 -2.65 0.00	33.93 -2.59 0.00	31.86 -2.58 0.00	30.86 -2.15 0.00	30.97 -2.26 0.00	32.17 -2.05 0.00	32.57 -1.57 0.00	31.23 -1.07 0.00	30.22 -1.26 0.00	30.08 -1.89 0.00	31.61 -1.45 0.00	32.20 -1.52 0.00	33.00 -1.52 0.00	35.82 -1.53 0.00	36.66 -1.93 0.00	42.22 -2.55 0.01	44.91 -2.56 0.00	55.20 -2.72 0.00	52.11 -2.06 0.05	47.48 -2.29 0.00	41.14 -2.44 0.87	40.54 -2.27 0.00	35.65 -2.36 0.01
GE_PLASTICS___DRP 24183	46.10 0.18 0.00	39.94 0.32 0.00	36.78 0.26 0.00	34.75 0.31 0.00	33.27 0.26 0.00	33.49 0.27 0.00	34.46 0.24 0.00	34.31 0.17 0.00	32.43 0.13 0.00	31.60 0.13 0.00	32.19 0.22 0.00	33.17 0.10 0.00	33.92 0.20 0.00	34.72 0.21 0.00	37.62 0.26 0.00	38.94 0.35 0.00	45.10 0.31 0.00	47.76 0.28 0.00	58.21 0.29 0.00	54.44 0.22 0.00	49.92 0.15 0.00	44.72 0.27 0.00	43.07 0.26 0.00	38.35 0.34 0.00
GILBOA___1 23756	46.52 0.60 0.00	40.17 0.55 0.00	36.97 0.44 0.00	34.89 0.45 0.00	33.41 0.40 0.00	33.59 0.37 0.00	34.63 0.41 0.00	34.52 0.38 0.00	32.65 0.36 0.00	31.86 0.38 0.00	32.41 0.45 0.00	33.50 0.43 0.00	34.26 0.54 0.00	35.07 0.55 0.00	37.99 0.63 0.00	39.28 0.70 0.00	45.59 0.81 0.00	48.23 0.76 0.00	58.67 0.75 0.00	54.88 0.65 0.00	50.32 0.55 0.00	45.03 0.58 0.00	43.37 0.56 0.00	38.54 0.53 0.00
GILBOA___2 23757	46.52 0.60 0.00	40.17 0.55 0.00	36.97 0.44 0.00	34.89 0.45 0.00	33.41 0.40 0.00	33.59 0.37 0.00	34.63 0.41 0.00	34.52 0.38 0.00	32.65 0.36 0.00	31.86 0.38 0.00	32.41 0.45 0.00	33.50 0.43 0.00	34.26 0.54 0.00	35.07 0.55 0.00	37.99 0.63 0.00	39.28 0.70 0.00	45.59 0.81 0.00	48.23 0.76 0.00	58.67 0.75 0.00	54.88 0.65 0.00	50.32 0.55 0.00	45.03 0.58 0.00	43.37 0.56 0.00	38.54 0.53 0.00

GILBOA___3 23758	46.52 0.60 0.00	40.17 0.55 0.00	36.97 0.44 0.00	34.89 0.45 0.00	33.41 0.40 0.00	33.59 0.37 0.00	34.63 0.41 0.00	34.52 0.38 0.00	32.65 0.36 0.00	31.86 0.38 0.00	32.41 0.45 0.00	33.50 0.43 0.00	34.26 0.54 0.00	35.07 0.55 0.00	37.99 0.63 0.00	39.28 0.70 0.00	45.59 0.81 0.00	48.23 0.76 0.00	58.67 0.75 0.00	54.88 0.65 0.00	50.32 0.55 0.00	45.03 0.58 0.00	43.37 0.56 0.00	38.54 0.53 0.00
GILBOA___4 23759	46.52 0.60 0.00	40.17 0.55 0.00	36.97 0.44 0.00	34.89 0.45 0.00	33.41 0.40 0.00	33.59 0.37 0.00	34.63 0.41 0.00	34.52 0.38 0.00	32.65 0.36 0.00	31.86 0.38 0.00	32.41 0.45 0.00	33.50 0.43 0.00	34.26 0.54 0.00	35.07 0.55 0.00	37.99 0.63 0.00	39.28 0.70 0.00	45.59 0.81 0.00	48.23 0.76 0.00	58.67 0.75 0.00	54.88 0.65 0.00	50.32 0.55 0.00	45.03 0.58 0.00	43.37 0.56 0.00	38.54 0.53 0.00
GILBOA___ 23599	46.52 0.60 0.00	40.17 0.55 0.00	36.97 0.44 0.00	34.85 0.41 0.00	33.47 0.46 0.00	33.59 0.37 0.00	34.60 0.38 0.00	34.52 0.38 0.00	32.65 0.36 0.00	31.86 0.38 0.00	32.41 0.45 0.00	33.50 0.43 0.00	34.26 0.54 0.00	35.07 0.55 0.00	37.99 0.64 0.00	39.28 0.69 0.00	45.59 0.81 0.00	48.19 0.71 0.00	58.67 0.75 0.00	54.93 0.70 0.00	50.32 0.55 0.00	45.03 0.58 0.00	43.37 0.56 0.00	38.54 0.53 0.00
GINNA___ 23603	43.17 -2.75 0.00	36.73 -2.89 0.00	33.83 -2.70 0.00	31.79 -2.65 0.00	30.67 -2.34 0.00	30.83 -2.39 0.00	31.79 -2.43 0.00	32.06 -2.08 0.00	30.52 -1.78 0.00	29.59 -1.89 0.00	29.98 -1.98 0.00	31.12 -1.95 0.00	31.70 -2.02 0.00	32.41 -2.11 0.00	35.08 -2.28 0.00	36.00 -2.59 0.00	41.77 -3.00 0.01	44.53 -2.94 0.00	54.73 -3.19 0.00	51.29 -2.88 0.06	47.03 -2.74 0.00	40.82 -2.67 0.97	40.37 -2.44 0.00	35.65 -2.36 0.01
GLEN PARK___ 23778	47.80 1.88 0.00	41.24 1.63 0.00	37.84 1.31 0.00	35.44 1.00 0.00	33.97 0.96 0.00	34.36 1.13 0.00	35.59 1.37 0.00	35.14 0.99 0.00	32.78 0.49 0.00	31.89 0.41 0.00	32.22 0.25 0.00	32.84 -0.23 0.00	33.35 -0.37 0.00	34.10 -0.41 0.00	36.94 -0.41 0.00	38.13 -0.46 0.00	44.65 -0.13 0.00	48.85 1.38 0.00	60.84 2.67 -0.25	56.99 2.66 -0.11	52.31 2.54 0.00	46.67 2.22 0.00	44.83 2.01 0.00	39.65 1.63 0.00
GLENDALE_27_KV_LOAD 356172	48.49 2.57 0.00	41.80 2.18 0.00	38.24 1.72 0.00	36.02 1.59 0.00	34.36 1.35 0.00	34.49 1.26 0.00	35.69 1.47 0.00	35.68 1.54 0.00	33.91 1.61 0.00	33.18 1.70 0.00	33.85 1.89 0.00	35.08 2.02 0.00	35.94 2.22 0.00	36.93 2.42 0.00	39.90 2.54 0.00	41.29 2.70 0.00	48.23 3.45 0.00	50.37 2.90 0.00	60.76 2.84 0.00	56.50 2.28 0.00	51.91 2.14 0.00	46.72 2.27 0.00	44.99 2.18 0.00	39.95 1.94 0.00
GLENWOOD_IC_1_G5 23712	48.49 2.57 0.00	41.92 2.30 0.00	38.39 1.86 0.00	36.16 1.72 0.00	34.43 1.42 0.00	34.72 1.50 0.00	35.76 1.54 0.00	35.78 1.64 0.00	33.95 1.65 0.00	33.37 1.89 0.00	37.17 2.08 -3.12	39.79 2.15 -4.57	41.34 2.36 -5.26	47.08 2.55 -10.00	49.58 2.76 -9.46	50.63 2.93 -9.11	52.73 3.45 -4.50	61.56 3.04 -11.05	61.28 3.36 0.00	57.15 2.93 0.00	52.36 2.59 0.00	48.90 2.58 -1.86	45.25 2.44 0.00	40.10 2.09 0.00
GLENWOOD_IC_2_G1 23688	48.22 2.30 0.00	41.68 2.06 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.33 1.32 0.00	34.56 1.33 0.00	35.66 1.44 0.00	35.61 1.47 0.00	33.91 1.61 0.00	33.15 1.67 -0.01	36.91 1.82 -3.12	39.56 1.92 -4.57	41.11 2.13 -5.26	46.80 2.28 -10.00	49.28 2.46 -9.46	50.33 2.63 -9.11	52.51 3.23 -4.50	61.42 2.90 -11.05	60.93 3.01 0.00	56.77 2.55 0.00	52.06 2.29 0.00	48.58 2.27 -1.86	44.95 2.14 0.00	39.87 1.86 0.00
GLENWOOD_IC_3_G1 23689	48.22 2.30 0.00	41.68 2.06 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.33 1.32 0.00	34.56 1.33 0.00	35.66 1.44 0.00	35.61 1.47 0.00	33.91 1.61 0.00	33.15 1.67 -0.01	36.91 1.82 -3.12	39.56 1.92 -4.57	41.11 2.13 -5.26	46.80 2.28 -10.00	49.28 2.46 -9.46	50.33 2.63 -9.11	52.51 3.23 -4.50	61.42 2.90 -11.05	60.93 3.01 0.00	56.77 2.55 0.00	52.06 2.29 0.00	48.58 2.27 -1.86	44.95 2.14 0.00	39.87 1.86 0.00
GLENWOOD___4 23550	48.49 2.57 0.00	41.92 2.30 0.00	38.39 1.86 0.00	36.16 1.72 0.00	34.43 1.42 0.00	34.72 1.50 0.00	35.76 1.54 0.00	35.78 1.64 0.00	33.95 1.65 0.00	33.37 1.89 0.00	37.17 2.08 -3.12	39.79 2.15 -4.57	41.34 2.36 -5.26	47.08 2.55 -10.00	49.58 2.76 -9.46	50.63 2.93 -9.11	52.73 3.45 -4.50	61.66 3.13 -11.05	61.34 3.42 0.00	57.15 2.93 0.00	52.36 2.59 0.00	48.90 2.58 -1.86	45.25 2.44 0.00	40.10 2.09 0.00
GLENWOOD___5 23614	48.49 2.57 0.00	41.92 2.30 0.00	38.39 1.86 0.00	36.16 1.72 0.00	34.43 1.42 0.00	34.72 1.50 0.00	35.76 1.54 0.00	35.78 1.64 0.00	33.95 1.65 0.00	33.37 1.89 0.00	37.17 2.08 -3.12	39.79 2.15 -4.57	41.34 2.36 -5.26	47.08 2.55 -10.00	49.58 2.76 -9.46	50.63 2.93 -9.11	52.73 3.45 -4.50	61.66 3.13 -11.05	61.34 3.42 0.00	57.15 2.93 0.00	52.36 2.59 0.00	48.90 2.58 -1.86	45.25 2.44 0.00	40.10 2.09 0.00
GLOBAL GREEN_PORT_GT1 23814	49.91 3.99 0.00	43.50 3.88 0.00	39.85 3.32 0.00	37.43 2.99 0.00	35.62 2.61 0.00	35.92 2.69 0.00	36.75 2.53 0.00	36.94 2.80 0.00	35.53 3.23 0.00	34.76 3.27 -0.01	38.28 3.20 -3.12	40.95 3.31 -4.57	42.62 3.64 -5.26	48.25 3.73 -10.00	50.81 4.00 -9.46	52.06 4.36 -9.11	54.93 5.64 -4.50	63.94 5.41 -11.05	63.89 5.97 0.00	59.11 4.88 0.00	53.95 4.18 0.00	49.92 3.60 -1.86	46.32 3.51 0.00	41.09 3.08 0.00
GLOBE___DSASP 323697	43.07 -2.85 0.00	35.93 -3.68 0.00	33.02 -3.51 0.00	31.03 -3.41 0.00	30.44 -2.57 0.00	30.54 -2.69 0.00	31.28 -2.94 0.00	32.16 -1.98 0.00	30.91 -1.39 0.00	29.68 -1.79 0.00	29.39 -2.56 0.02	30.83 -2.22 0.02	31.41 -2.29 0.02	32.18 -2.31 0.02	34.93 -2.43 0.00	35.77 -2.82 0.00	41.17 -3.58 0.03	43.75 -3.70 0.02	53.63 -4.29 0.00	50.59 -3.58 0.06	46.19 -3.58 0.00	39.96 -3.56 0.94	39.64 -3.17 0.00	35.08 -2.93 0.01
GOETHSLN___LBMP 323567	33.19 1.97 14.70	27.88 1.74 13.48	37.84 1.31 0.00	35.64 1.21 0.00	33.93 0.92 0.00	34.19 0.96 0.00	35.38 1.16 0.00	35.37 1.23 0.00	33.59 1.29 0.00	32.90 1.42 0.00	33.63 1.66 0.00	34.75 1.69 0.00	35.64 1.92 0.00	36.62 2.11 0.00	39.60 2.24 0.00	40.98 2.39 0.00	47.56 2.78 0.00	49.85 2.37 0.00	60.29 2.37 0.00	56.12 1.90 0.00	51.51 1.74 0.00	46.28 1.82 0.00	44.57 1.76 0.00	39.53 1.52 0.00
GOLAH___69_KV_TB 1_2 80279	45.23 -0.69 0.00	38.39 -1.23 0.00	35.32 -1.21 0.00	33.20 -1.24 0.00	32.09 -0.92 0.00	32.23 -1.00 0.00	33.26 -0.96 0.00	33.46 -0.68 0.00	31.98 -0.32 0.00	30.94 -0.54 0.00	31.04 -0.93 0.00	32.41 -0.66 0.00	33.01 -0.71 0.00	33.83 -0.69 0.00	36.65 -0.71 0.00	37.55 -1.04 0.00	43.47 -1.30 0.01	46.38 -1.09 0.00	56.94 -0.98 0.00	53.57 -0.60 0.06	48.98 -0.80 0.00	42.45 -1.02 0.98	41.96 -0.86 0.00	37.09 -0.91 0.01

GOODYEAR_LAKE_HYD 323669	47.21 1.29 0.00	40.73 1.11 0.00	37.44 0.91 0.00	35.23 0.79 0.00	33.77 0.76 0.00	33.99 0.76 0.00	35.11 0.89 0.00	34.96 0.82 0.00	32.94 0.65 0.00	32.17 0.69 0.00	32.67 0.70 0.00	33.89 0.83 0.00	34.66 0.94 0.00	35.48 0.97 0.00	38.40 1.05 0.00	39.63 1.04 0.00	46.03 1.25 0.00	48.90 1.42 0.00	59.84 1.85 -0.07	56.03 1.79 -0.02	51.31 1.54 0.00	45.63 1.33 0.15	44.01 1.20 0.00	39.04 1.03 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.78 -0.14 0.00	39.30 -0.32 0.00	36.16 -0.37 0.00	34.03 -0.41 0.00	32.71 -0.30 0.00	32.86 -0.37 0.00	33.91 -0.31 0.00	33.91 -0.24 0.00	32.10 -0.19 0.00	31.26 -0.22 0.00	31.61 -0.35 0.00	32.90 -0.17 0.00	33.58 -0.13 0.00	34.38 -0.14 0.00	37.24 -0.11 0.00	38.40 -0.19 0.00	44.56 -0.22 0.00	47.43 -0.05 0.00	58.16 0.12 -0.13	54.64 0.38 -0.04	49.87 0.10 0.00	44.06 -0.13 0.26	42.64 -0.17 0.00	37.74 -0.27 0.00
GOUDEY___7 23579	45.78 -0.14 0.00	39.30 -0.32 0.00	36.16 -0.37 0.00	34.03 -0.41 0.00	32.71 -0.30 0.00	32.86 -0.37 0.00	33.91 -0.31 0.00	33.91 -0.24 0.00	32.10 -0.19 0.00	31.26 -0.22 0.00	31.61 -0.35 0.00	32.90 -0.17 0.00	33.58 -0.13 0.00	34.38 -0.14 0.00	37.24 -0.11 0.00	38.40 -0.19 0.00	44.56 -0.22 0.00	47.43 -0.05 0.00	58.16 0.12 -0.13	54.64 0.38 -0.04	49.87 0.10 0.00	44.06 -0.13 0.26	42.64 -0.17 0.00	37.74 -0.27 0.00
GOUDEY___8 23580	45.78 -0.14 0.00	39.30 -0.32 0.00	36.16 -0.37 0.00	34.03 -0.41 0.00	32.71 -0.30 0.00	32.86 -0.37 0.00	33.91 -0.31 0.00	33.91 -0.24 0.00	32.10 -0.19 0.00	31.26 -0.22 0.00	31.61 -0.35 0.00	32.90 -0.17 0.00	33.58 -0.13 0.00	34.38 -0.14 0.00	37.24 -0.11 0.00	38.40 -0.19 0.00	44.56 -0.22 0.00	47.43 -0.05 0.00	58.16 0.12 -0.13	54.64 0.38 -0.04	49.87 0.10 0.00	44.06 -0.13 0.26	42.64 -0.17 0.00	37.74 -0.27 0.00
GOWANUS_GT1_1 24077	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.96 1.48 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT1_2 24078	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.96 1.48 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT1_3 24079	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.96 1.48 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT1_4 24080	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.96 1.48 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT1_5 24084	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.96 1.48 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT1_6 24111	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.96 1.48 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT1_7 24112	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.96 1.48 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT1_8 24113	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.96 1.48 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT2_1 24114	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.30 1.29 0.00	34.42 1.19 0.00	35.59 1.37 0.00	35.54 1.40 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.83 2.31 0.00	39.78 2.43 0.00	41.17 2.59 0.00	48.14 3.36 0.00	50.18 2.70 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	44.99 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT2_2 24115	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.30 1.29 0.00	34.42 1.19 0.00	35.59 1.37 0.00	35.54 1.40 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.83 2.31 0.00	39.78 2.43 0.00	41.17 2.59 0.00	48.14 3.36 0.00	50.18 2.70 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	44.99 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT2_3 24116	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.30 1.29 0.00	34.42 1.19 0.00	35.59 1.37 0.00	35.54 1.40 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.83 2.31 0.00	39.78 2.43 0.00	41.17 2.59 0.00	48.14 3.36 0.00	50.18 2.70 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	44.99 2.18 0.00	39.99 1.98 0.00

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GOWANUS_GT4_3 24132	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.83 2.31 0.00	39.82 2.47 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT4_4 24133	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.83 2.31 0.00	39.82 2.47 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT4_5 24134	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.83 2.31 0.00	39.82 2.47 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT4_6 24135	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.83 2.31 0.00	39.82 2.47 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT4_7 24136	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.83 2.31 0.00	39.82 2.47 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GOWANUS_GT4_8 24137	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.81 2.09 0.00	36.83 2.31 0.00	39.82 2.47 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
GREENBSH_115KV_TB3 55895	45.87 -0.05 0.00	39.82 0.20 0.00	36.67 0.15 0.00	34.65 0.21 0.00	33.18 0.17 0.00	33.43 0.20 0.00	34.36 0.14 0.00	34.21 0.07 0.00	32.33 0.03 0.00	31.51 0.03 0.00	32.09 0.13 0.00	33.03 -0.03 0.00	33.79 0.07 0.00	34.59 0.07 0.00	37.47 0.11 0.00	38.82 0.23 0.00	44.92 0.13 0.00	47.57 0.09 0.00	57.98 0.06 0.00	54.22 0.00 0.00	49.77 0.00 0.00	44.59 0.13 0.00	42.94 0.13 0.00	38.24 0.23 0.00
GREENIDGE_115KV_TB5 80291	45.87 -0.05 0.00	39.18 -0.44 0.00	36.02 -0.51 0.00	33.85 -0.59 0.00	32.61 -0.40 0.00	32.73 -0.50 0.00	33.84 -0.38 0.00	33.91 -0.24 0.00	32.10 -0.19 0.00	31.13 -0.35 0.00	31.32 -0.64 0.00	32.64 -0.43 0.00	33.25 -0.47 0.00	34.07 -0.45 0.00	36.91 -0.45 0.00	38.01 -0.58 0.00	44.19 -0.58 0.01	46.91 -0.57 0.00	56.98 -1.04 -0.11	53.97 -0.27 -0.01	49.57 -0.20 0.00	43.93 0.00 0.52	42.81 0.00 0.00	37.78 -0.23 0.00
GREENIDGE___3 23582	45.87 -0.05 0.00	39.18 -0.44 0.00	36.02 -0.51 0.00	33.85 -0.59 0.00	32.61 -0.40 0.00	32.73 -0.50 0.00	33.84 -0.38 0.00	33.91 -0.24 0.00	32.10 -0.19 0.00	31.13 -0.35 0.00	31.32 -0.64 0.00	32.64 -0.43 0.00	33.25 -0.47 0.00	34.07 -0.45 0.00	36.91 -0.45 0.00	38.01 -0.58 0.00	44.19 -0.58 0.01	46.91 -0.57 0.00	56.98 -1.04 -0.11	53.97 -0.27 -0.01	49.57 -0.20 0.00	43.93 0.00 0.52	42.81 0.00 0.00	37.78 -0.23 0.00
GREENIDGE___4 23583	45.87 -0.05 0.00	39.18 -0.43 0.00	36.02 -0.51 0.00	33.85 -0.59 0.00	32.62 -0.39 0.00	32.76 -0.47 0.00	33.81 -0.41 0.00	33.91 -0.24 0.00	32.11 -0.19 0.00	31.07 -0.41 0.00	31.39 -0.57 0.00	32.64 -0.43 0.00	33.25 -0.47 0.00	34.07 -0.45 0.00	36.91 -0.45 0.00	38.01 -0.58 0.00	44.19 -0.58 0.01	46.67 -0.81 0.00	56.99 -1.04 -0.11	53.86 -0.38 -0.01	49.57 -0.20 0.00	43.93 0.00 0.52	42.86 0.04 0.00	37.78 -0.23 0.00
GREENLWN_69_KV_BK 3 55738	48.72 2.80 0.00	42.19 2.58 0.00	38.65 2.12 0.00	36.37 1.93 0.00	34.56 1.55 0.00	34.89 1.66 0.00	35.83 1.61 0.00	35.89 1.74 0.00	34.11 1.81 0.00	33.65 2.17 0.00	37.26 2.17 -3.12	39.89 2.25 -4.57	41.38 2.39 -5.26	47.08 2.55 -10.00	49.62 2.80 -9.46	50.63 2.93 -9.11	52.69 3.40 -4.50	61.65 3.13 -11.04	61.45 3.53 0.00	56.94 2.71 0.00	52.31 2.54 0.00	49.07 2.76 -1.86	45.47 2.65 0.00	40.29 2.28 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.65 1.36 0.00	32.99 1.51 0.00	33.75 1.79 0.00	34.95 1.88 0.00	35.84 2.12 0.00	36.83 2.31 0.00	39.82 2.47 0.00	41.17 2.59 0.00	47.96 3.18 0.00	50.09 2.61 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.76 2.31 0.00	45.04 2.23 0.00	39.99 1.98 0.00
GRISSOM___SOLAR 323813	48.31 2.39 0.00	41.68 2.06 0.00	38.32 1.79 0.00	36.16 1.72 0.00	34.63 1.62 0.00	34.82 1.59 0.00	35.83 1.61 0.00	35.27 1.13 0.00	32.56 0.26 0.00	31.29 -0.19 0.00	31.77 -0.19 0.00	32.84 -0.23 0.00	33.62 -0.10 0.00	34.45 -0.07 0.00	37.35 0.00 0.00	38.74 0.15 0.00	45.32 0.54 0.00	49.04 1.56 0.00	61.05 3.13 0.00	57.42 3.20 0.00	52.61 2.84 0.00	47.03 2.58 0.00	45.21 2.40 0.00	40.14 2.13 0.00
GROVEVILLE___HYD 323602	47.85 1.93 0.00	41.32 1.70 0.00	37.92 1.39 0.00	35.75 1.31 0.00	34.07 1.06 0.00	34.32 1.10 0.00	35.35 1.13 0.00	35.27 1.13 0.00	33.30 1.00 0.00	32.52 1.04 0.00	33.21 1.25 0.00	34.32 1.26 0.00	35.17 1.45 0.00	36.10 1.59 0.00	39.15 1.79 0.00	40.56 1.97 0.00	47.25 2.46 0.00	49.85 2.37 0.00	60.64 2.72 0.00	56.61 2.39 0.00	51.86 2.09 0.00	46.36 1.91 0.00	44.61 1.80 0.00	39.57 1.56 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.51 -0.41 0.00	39.18 -0.44 0.00	36.13 -0.40 0.00	34.03 -0.41 0.00	32.68 -0.33 0.00	32.83 -0.40 0.00	33.84 -0.38 0.00	33.80 -0.34 0.00	31.98 -0.32 0.00	31.16 -0.31 0.00	31.58 -0.38 0.00	32.74 -0.33 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.83 -0.52 0.00	37.97 -0.62 0.00	44.11 -0.67 0.00	46.95 -0.52 0.00	57.83 -0.41 -0.32	54.10 -0.27 -0.14	49.42 -0.35 0.00	44.05 -0.40 0.00	42.47 -0.34 0.00	37.59 -0.42 0.00

HAMLTNNY_34_KV_TB 80303	45.55 -0.37 0.00	39.18 -0.44 0.00	36.13 -0.40 0.00	33.99 -0.45 0.00	32.68 -0.33 0.00	32.83 -0.40 0.00	33.84 -0.38 0.00	33.84 -0.31 0.00	32.01 -0.29 0.00	31.16 -0.31 0.00	31.58 -0.38 0.00	32.77 -0.30 0.00	33.28 -0.44 0.00	34.07 -0.45 0.00	36.87 -0.49 0.00	38.01 -0.58 0.00	44.16 -0.63 0.00	47.05 -0.43 0.00	57.95 -0.29 -0.32	54.26 -0.11 -0.14	49.52 -0.25 0.00	44.10 -0.36 0.00	42.51 -0.30 0.00	37.63 -0.38 0.00
HAMPSHIRE___PAPER_HYD 323593	46.84 0.92 0.00	40.41 0.79 0.00	37.22 0.69 0.00	34.99 0.55 0.00	33.51 0.50 0.00	33.86 0.63 0.00	34.90 0.68 0.00	34.59 0.44 0.00	32.56 0.26 0.00	31.70 0.22 0.00	32.12 0.16 0.00	33.13 0.07 0.00	33.75 0.03 0.00	34.52 0.00 0.00	37.35 0.00 0.00	38.55 -0.04 0.00	44.92 0.13 0.00	48.00 0.52 0.00	59.07 1.04 -0.10	55.30 1.03 -0.05	50.92 1.15 0.00	45.39 0.93 0.00	43.75 0.94 0.00	38.81 0.80 0.00
HARDSCRABBLE_WT_PWR 323673	45.69 -0.23 0.00	39.46 -0.16 0.00	36.35 -0.18 0.00	34.23 -0.21 0.00	32.78 -0.23 0.00	33.03 -0.20 0.00	34.05 -0.17 0.00	33.94 -0.20 0.00	32.04 -0.26 0.00	31.26 -0.22 0.00	31.74 -0.22 0.00	32.87 -0.20 0.00	33.52 -0.20 0.00	34.31 -0.21 0.00	37.10 -0.26 0.00	38.32 -0.27 0.00	44.42 -0.36 0.00	47.09 -0.38 0.00	57.52 -0.40 0.00	53.79 -0.44 0.00	49.32 -0.45 0.00	44.19 -0.27 0.00	42.56 -0.26 0.00	37.82 -0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.62 1.70 0.00	41.12 1.51 0.00	37.70 1.17 0.00	35.54 1.10 0.00	33.90 0.89 0.00	34.12 0.90 0.00	35.21 0.99 0.00	35.13 0.99 0.00	33.20 0.90 0.00	32.45 0.98 0.00	33.15 1.18 0.00	34.29 1.22 0.00	35.13 1.42 0.00	36.07 1.55 0.00	39.07 1.72 0.00	40.48 1.89 0.00	47.11 2.33 0.00	49.71 2.23 0.00	60.41 2.49 0.00	56.39 2.17 0.00	51.61 1.84 0.00	46.19 1.73 0.00	44.40 1.58 0.00	39.38 1.37 0.00
HARSNRAD_115KV_TB1 81005	43.53 -2.39 0.00	36.85 -2.77 0.00	33.82 -2.70 0.00	31.75 -2.69 0.00	30.63 -2.38 0.00	30.74 -2.49 0.00	32.06 -2.16 0.00	32.37 -1.78 0.00	31.07 -1.23 0.00	30.00 -1.48 0.00	29.88 -2.08 0.00	31.35 -1.72 0.00	31.93 -1.79 0.00	32.72 -1.79 0.00	35.52 -1.83 0.00	36.35 -2.24 0.00	41.86 -2.91 0.01	44.58 -2.90 0.00	54.73 -3.19 0.00	51.67 -2.49 0.06	47.13 -2.64 0.00	40.78 -2.76 0.92	40.42 -2.40 0.00	35.50 -2.51 0.01
HARZA MOOSE___RIVER 24016	47.02 1.10 0.00	40.57 0.95 0.00	37.33 0.80 0.00	35.06 0.62 0.00	33.60 0.59 0.00	33.93 0.70 0.00	35.04 0.82 0.00	34.76 0.61 0.00	32.62 0.32 0.00	31.76 0.28 0.00	32.19 0.22 0.00	33.23 0.17 0.00	33.85 0.13 0.00	34.62 0.10 0.00	37.47 0.11 0.00	38.70 0.12 0.00	45.05 0.27 0.00	48.14 0.66 0.00	59.28 1.27 -0.09	55.56 1.30 -0.04	50.97 1.19 0.00	45.52 1.07 0.00	43.88 1.07 0.00	38.89 0.87 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.19 -0.73 0.00	38.87 -0.75 0.00	35.87 -0.66 0.00	33.78 -0.65 0.00	32.45 -0.56 0.00	32.60 -0.63 0.00	33.60 -0.62 0.00	33.60 -0.55 0.00	31.81 -0.48 0.00	30.98 -0.50 0.00	31.39 -0.58 0.00	32.54 -0.53 0.00	33.08 -0.64 0.00	33.83 -0.69 0.00	36.61 -0.75 0.00	37.78 -0.81 0.00	43.84 -0.94 0.00	46.67 -0.81 0.00	57.28 -0.81 -0.17	53.63 -0.65 -0.05	49.07 -0.70 0.00	43.32 -0.71 0.42	42.13 -0.68 0.00	37.32 -0.68 0.00
HELLGATE_13_KV_LD 55870	48.54 2.62 0.00	41.84 2.22 0.00	38.28 1.75 0.00	36.06 1.62 0.00	34.33 1.32 0.00	34.49 1.26 0.00	35.66 1.44 0.00	35.68 1.54 0.00	33.82 1.52 0.00	33.15 1.67 0.00	33.88 1.92 0.00	35.08 2.02 0.00	35.94 2.23 0.00	36.93 2.42 0.00	39.93 2.58 0.00	41.29 2.70 0.00	48.01 3.22 0.00	50.23 2.75 0.00	60.76 2.84 0.00	56.50 2.28 0.00	51.91 2.14 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.54 2.62 0.00	41.84 2.22 0.00	38.28 1.75 0.00	36.06 1.62 0.00	34.33 1.32 0.00	34.49 1.26 0.00	35.66 1.44 0.00	35.68 1.54 0.00	33.82 1.52 0.00	33.15 1.67 0.00	33.88 1.92 0.00	35.08 2.02 0.00	35.94 2.23 0.00	36.93 2.42 0.00	39.93 2.58 0.00	41.29 2.70 0.00	48.01 3.22 0.00	50.23 2.75 0.00	60.76 2.84 0.00	56.50 2.28 0.00	51.91 2.14 0.00	46.72 2.27 0.00	45.00 2.18 0.00	39.99 1.98 0.00
HEMPSTEAD____ 23647	48.54 2.62 0.00	42.00 2.38 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.59 1.58 0.00	34.82 1.59 0.00	35.83 1.61 0.00	35.82 1.67 0.00	34.24 1.94 0.00	33.44 1.95 -0.01	37.14 2.05 -3.12	39.79 2.15 -4.57	41.31 2.32 -5.26	47.04 2.52 -10.00	49.51 2.69 -9.46	50.56 2.86 -9.11	52.78 3.50 -4.50	61.75 3.23 -11.05	61.28 3.36 0.00	56.99 2.76 0.00	52.36 2.59 0.00	48.89 2.58 -1.86	45.25 2.44 0.00	40.14 2.13 0.00
HICKLING___1 23621	45.60 -0.32 0.00	38.95 -0.67 0.00	35.76 -0.77 0.00	33.65 -0.79 0.00	32.42 -0.59 0.00	32.50 -0.73 0.00	33.57 -0.65 0.00	33.67 -0.48 0.00	31.91 -0.39 0.00	30.94 -0.54 0.00	31.17 -0.80 0.00	32.57 -0.50 0.00	33.25 -0.47 0.00	34.07 -0.45 0.00	36.91 -0.45 0.00	37.97 -0.62 0.00	44.06 -0.72 0.00	47.00 -0.47 0.00	57.91 -0.12 -0.10	54.73 0.49 -0.02	49.82 0.05 0.00	43.66 -0.36 0.44	42.47 -0.34 0.00	37.51 -0.49 0.00
HICKLING___2 23622	45.60 -0.32 0.00	38.95 -0.67 0.00	35.76 -0.77 0.00	33.65 -0.79 0.00	32.42 -0.59 0.00	32.50 -0.73 0.00	33.57 -0.65 0.00	33.67 -0.48 0.00	31.91 -0.39 0.00	30.94 -0.54 0.00	31.17 -0.80 0.00	32.57 -0.50 0.00	33.25 -0.47 0.00	34.07 -0.45 0.00	36.91 -0.45 0.00	37.97 -0.62 0.00	44.06 -0.72 0.00	47.00 -0.47 0.00	57.91 -0.12 -0.10	54.73 0.49 -0.02	49.82 0.05 0.00	43.66 -0.36 0.44	42.47 -0.34 0.00	37.51 -0.49 0.00
HIGH FALLS___HY 23754	48.08 2.16 0.00	41.44 1.82 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.39 1.16 0.00	35.45 1.23 0.00	35.37 1.23 0.00	33.33 1.03 0.00	32.58 1.10 0.00	33.24 1.28 0.00	34.42 1.36 0.00	35.24 1.52 0.00	36.21 1.69 0.00	39.26 1.91 0.00	40.67 2.08 0.00	47.51 2.73 0.00	50.18 2.71 0.00	61.05 3.13 0.00	57.04 2.82 0.00	52.21 2.44 0.00	46.63 2.18 0.00	44.82 2.01 0.00	39.72 1.71 0.00
HIGH_RIVER___SOLAR 323847	47.39 1.47 0.00	40.92 1.31 0.00	37.66 1.13 0.00	35.54 1.10 0.00	34.03 1.02 0.00	34.26 1.03 0.00	35.25 1.03 0.00	34.89 0.75 0.00	32.56 0.26 0.00	31.42 -0.06 0.00	31.84 -0.13 0.00	32.87 -0.20 0.00	33.65 -0.07 0.00	34.52 0.00 0.00	37.43 0.07 0.00	38.90 0.31 0.00	45.36 0.58 0.00	48.66 1.19 0.00	59.89 1.97 0.00	56.17 1.95 0.00	51.51 1.74 0.00	46.10 1.65 0.00	44.31 1.50 0.00	39.34 1.33 0.00
HILLBURN___GT 23639	47.57 1.65 0.00	41.09 1.47 0.00	37.70 1.17 0.00	35.54 1.10 0.00	33.93 0.92 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.20 1.06 0.00	33.36 1.06 0.00	32.61 1.13 0.00	33.24 1.28 0.00	34.46 1.39 0.00	35.30 1.59 0.00	36.28 1.76 0.00	39.22 1.87 0.00	40.63 2.04 0.00	47.33 2.55 0.00	49.80 2.33 0.00	60.35 2.43 0.00	56.28 2.06 0.00	51.51 1.74 0.00	46.14 1.69 0.00	44.35 1.54 0.00	39.34 1.33 0.00

HILLSIDE_115KV_TB1 80332	45.00 -0.92 0.00	38.47 -1.15 0.00	35.36 -1.17 0.00	33.27 -1.17 0.00	32.05 -0.96 0.00	32.16 -1.06 0.00	33.23 -0.99 0.00	33.29 -0.85 0.00	31.56 -0.74 0.00	30.66 -0.82 0.00	30.94 -1.02 0.00	32.31 -0.76 0.00	33.01 -0.71 0.00	33.83 -0.69 0.00	36.61 -0.75 0.00	37.70 -0.89 0.00	43.75 -1.03 0.00	46.62 -0.85 0.00	57.28 -0.75 -0.11	54.08 -0.16 -0.02	49.17 -0.60 0.00	43.15 -0.89 0.41	41.91 -0.90 0.00	37.02 -0.99 0.00
HISHELDN_WT_PWR 323625	44.18 -1.74 0.00	37.32 -2.30 0.00	34.30 -2.23 0.00	32.20 -2.24 0.00	31.16 -1.85 0.00	31.30 -1.93 0.00	32.34 -1.88 0.00	32.74 -1.40 0.00	31.26 -1.03 0.00	30.06 -1.42 0.00	30.30 -1.66 0.00	31.55 -1.52 0.00	32.17 -1.55 0.00	32.96 -1.55 0.00	35.71 -1.64 0.00	36.62 -1.97 0.00	42.22 -2.55 0.01	45.00 -2.47 0.00	55.43 -2.49 0.00	52.39 -1.79 0.05	47.88 -1.89 0.00	41.57 -2.09 0.79	41.02 -1.80 0.00	35.99 -2.02 0.01
HOLTSVILLE_IC_1 23690	49.09 3.17 0.00	42.67 3.05 0.00	39.12 2.59 0.00	36.81 2.37 0.00	35.06 2.05 0.00	35.32 2.09 0.00	36.24 2.02 0.00	36.26 2.12 0.00	34.79 2.49 0.00	33.97 2.49 -0.01	37.45 2.37 -3.12	39.99 2.35 -4.57	41.54 2.56 -5.26	47.22 2.69 -10.00	49.76 2.95 -9.46	50.90 3.20 -9.11	53.36 4.07 -4.50	62.13 3.61 -11.05	61.91 3.99 0.00	57.48 3.25 0.00	52.96 3.19 0.00	49.38 3.06 -1.86	45.73 2.91 0.00	40.56 2.55 0.00
HOLTSVILLE_IC_10 23699	49.41 3.49 0.00	42.91 3.29 0.00	39.34 2.81 0.00	36.99 2.55 0.00	35.26 2.25 0.00	35.49 2.26 0.00	36.41 2.19 0.00	36.47 2.32 0.00	34.98 2.68 0.00	34.16 2.67 -0.01	37.61 2.52 -3.12	40.19 2.55 -4.57	41.71 2.73 -5.26	47.42 2.90 -10.00	49.99 3.17 -9.46	51.17 3.47 -9.11	53.72 4.43 -4.50	62.56 4.03 -11.05	62.38 4.46 0.00	57.91 3.69 0.00	53.36 3.59 0.00	49.65 3.34 -1.86	45.98 3.17 0.00	40.79 2.77 0.00
HOLTSVILLE_IC_2 23691	49.09 3.17 0.00	42.67 3.05 0.00	39.12 2.59 0.00	36.81 2.37 0.00	35.06 2.05 0.00	35.32 2.09 0.00	36.24 2.02 0.00	36.26 2.12 0.00	34.79 2.49 0.00	33.97 2.49 -0.01	37.45 2.37 -3.12	39.99 2.35 -4.57	41.54 2.56 -5.26	47.22 2.69 -10.00	49.76 2.95 -9.46	50.90 3.20 -9.11	53.36 4.07 -4.50	62.13 3.61 -11.05	61.91 3.99 0.00	57.48 3.25 0.00	52.96 3.19 0.00	49.38 3.06 -1.86	45.73 2.91 0.00	40.56 2.55 0.00
HOLTSVILLE_IC_3 23692	49.09 3.17 0.00	42.67 3.05 0.00	39.12 2.59 0.00	36.81 2.37 0.00	35.06 2.05 0.00	35.32 2.09 0.00	36.24 2.02 0.00	36.26 2.12 0.00	34.79 2.49 0.00	33.97 2.49 -0.01	37.45 2.37 -3.12	39.99 2.35 -4.57	41.54 2.56 -5.26	47.22 2.69 -10.00	49.76 2.95 -9.46	50.90 3.20 -9.11	53.36 4.07 -4.50	62.13 3.61 -11.05	61.91 3.99 0.00	57.48 3.25 0.00	52.96 3.19 0.00	49.38 3.06 -1.86	45.73 2.91 0.00	40.56 2.55 0.00
HOLTSVILLE_IC_4 23693	49.09 3.17 0.00	42.67 3.05 0.00	39.12 2.59 0.00	36.81 2.37 0.00	35.06 2.05 0.00	35.32 2.09 0.00	36.24 2.02 0.00	36.26 2.12 0.00	34.79 2.49 0.00	33.97 2.49 -0.01	37.45 2.37 -3.12	39.99 2.35 -4.57	41.54 2.56 -5.26	47.22 2.69 -10.00	49.76 2.95 -9.46	50.90 3.20 -9.11	53.36 4.07 -4.50	62.13 3.61 -11.05	61.91 3.99 0.00	57.48 3.25 0.00	52.96 3.19 0.00	49.38 3.06 -1.86	45.73 2.91 0.00	40.56 2.55 0.00
HOLTSVILLE_IC_5 23694	49.09 3.17 0.00	42.67 3.05 0.00	39.12 2.59 0.00	36.81 2.37 0.00	35.06 2.05 0.00	35.32 2.09 0.00	36.24 2.02 0.00	36.26 2.12 0.00	34.79 2.49 0.00	33.97 2.49 -0.01	37.45 2.37 -3.12	39.99 2.35 -4.57	41.54 2.56 -5.26	47.22 2.69 -10.00	49.76 2.95 -9.46	50.90 3.20 -9.11	53.36 4.07 -4.50	62.13 3.61 -11.05	61.91 3.99 0.00	57.48 3.25 0.00	52.96 3.19 0.00	49.38 3.06 -1.86	45.73 2.91 0.00	40.56 2.55 0.00
HOLTSVILLE_IC_6 23695	49.41 3.49 0.00	42.91 3.29 0.00	39.34 2.81 0.00	36.99 2.55 0.00	35.26 2.25 0.00	35.49 2.26 0.00	36.41 2.19 0.00	36.47 2.32 0.00	34.98 2.68 0.00	34.16 2.67 -0.01	37.61 2.52 -3.12	40.19 2.55 -4.57	41.71 2.73 -5.26	47.42 2.90 -10.00	49.99 3.17 -9.46	51.17 3.47 -9.11	53.72 4.43 -4.50	62.56 4.03 -11.05	62.38 4.46 0.00	57.91 3.69 0.00	53.36 3.59 0.00	49.65 3.34 -1.86	45.98 3.17 0.00	40.79 2.77 0.00
HOLTSVILLE_IC_7 23696	49.41 3.49 0.00	42.91 3.29 0.00	39.34 2.81 0.00	36.99 2.55 0.00	35.26 2.25 0.00	35.49 2.26 0.00	36.41 2.19 0.00	36.47 2.32 0.00	34.98 2.68 0.00	34.16 2.67 -0.01	37.61 2.52 -3.12	40.19 2.55 -4.57	41.71 2.73 -5.26	47.42 2.90 -10.00	49.99 3.17 -9.46	51.17 3.47 -9.11	53.72 4.43 -4.50	62.56 4.03 -11.05	62.38 4.46 0.00	57.91 3.69 0.00	53.36 3.59 0.00	49.65 3.34 -1.86	45.98 3.17 0.00	40.79 2.77 0.00
HOLTSVILLE_IC_8 23697	49.41 3.49 0.00	42.91 3.29 0.00	39.34 2.81 0.00	36.99 2.55 0.00	35.26 2.25 0.00	35.49 2.26 0.00	36.41 2.19 0.00	36.47 2.32 0.00	34.98 2.68 0.00	34.16 2.67 -0.01	37.61 2.52 -3.12	40.19 2.55 -4.57	41.71 2.73 -5.26	47.42 2.90 -10.00	49.99 3.17 -9.46	51.17 3.47 -9.11	53.72 4.43 -4.50	62.56 4.03 -11.05	62.38 4.46 0.00	57.91 3.69 0.00	53.36 3.59 0.00	49.65 3.34 -1.86	45.98 3.17 0.00	40.79 2.77 0.00
HOLTSVILLE_IC_9 23698	49.41 3.49 0.00	42.91 3.29 0.00	39.34 2.81 0.00	36.99 2.55 0.00	35.26 2.25 0.00	35.49 2.26 0.00	36.41 2.19 0.00	36.47 2.32 0.00	34.98 2.68 0.00	34.16 2.67 -0.01	37.61 2.52 -3.12	40.19 2.55 -4.57	41.71 2.73 -5.26	47.42 2.90 -10.00	49.99 3.17 -9.46	51.17 3.47 -9.11	53.72 4.43 -4.50	62.56 4.03 -11.05	62.38 4.46 0.00	57.91 3.69 0.00	53.36 3.59 0.00	49.65 3.34 -1.86	45.98 3.17 0.00	40.79 2.77 0.00
HOMER_HL_115KV_TB2 355744	44.27 -1.65 0.00	37.56 -2.06 0.00	34.48 -2.05 0.00	32.41 -2.03 0.00	31.33 -1.68 0.00	31.43 -1.79 0.00	32.54 -1.68 0.00	32.78 -1.37 0.00	31.20 -1.10 0.00	30.35 -1.13 0.00	30.49 -1.47 0.00	32.11 -0.96 0.00	32.91 -0.81 0.00	33.72 -0.79 0.00	36.53 -0.82 0.00	37.55 -1.04 0.00	43.43 -1.34 0.01	46.38 -1.09 0.00	56.88 -1.04 0.00	53.96 -0.22 0.04	48.73 -1.05 0.00	42.04 -1.69 0.72	40.89 -1.93 0.00	36.14 -1.86 0.01
HOWARD_WT_PWR 323690	45.69 -0.23 0.00	38.87 -0.75 0.00	35.65 -0.88 0.00	33.51 -0.93 0.00	32.35 -0.66 0.00	32.46 -0.76 0.00	33.54 -0.68 0.00	33.74 -0.41 0.00	31.94 -0.35 0.00	30.76 -0.72 0.00	30.94 -1.02 0.00	32.21 -0.86 0.00	32.84 -0.88 0.00	33.66 -0.86 0.00	36.46 -0.90 0.00	37.47 -1.12 0.00	43.48 -1.30 0.01	46.38 -1.09 0.00	57.48 -0.52 -0.08	54.49 0.27 0.00	49.82 0.05 0.00	43.51 -0.36 0.59	42.56 -0.26 0.00	37.47 -0.53 0.01
HQ_GEN_CEDARS 23644	46.52 0.60 0.00	40.09 0.48 0.00	37.00 0.47 0.00	34.92 0.48 0.00	33.44 0.43 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.49 0.34 0.00	32.62 0.32 0.00	31.79 0.31 0.00	32.28 0.32 0.00	33.40 0.33 0.00	34.12 0.40 0.00	34.93 0.41 0.00	37.73 0.37 0.00	38.94 0.35 0.00	45.23 0.45 0.00	47.90 0.43 0.00	58.50 0.58 0.00	54.71 0.49 0.00	50.52 0.75 0.00	45.03 0.58 0.00	43.37 0.56 0.00	38.54 0.53 0.00

HQ_GEN_CEDARS_PROXY 323590	46.52 0.60 0.00	40.10 0.48 0.00	37.00 0.47 0.00	34.92 0.48 0.00	33.44 0.43 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.49 0.34 0.00	32.65 0.36 0.00	31.79 0.31 0.00	32.28 0.32 0.00	33.40 0.33 0.00	34.12 0.41 0.00	34.93 0.42 0.00	37.80 0.45 0.00	38.93 0.35 0.00	45.23 0.45 0.00	47.90 0.43 0.00	58.50 0.58 0.00	54.77 0.54 0.00	50.57 0.79 0.00	45.03 0.58 0.00	43.37 0.56 0.00	38.54 0.53 0.00
HQ_GEN_CHPE_PROXY 323851	48.08 2.16 0.00	41.52 1.90 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.55 1.33 0.00	35.51 1.37 0.00	33.75 1.45 0.00	33.02 1.54 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	49.00 3.13 -1.08	49.00 2.61 1.08	60.39 2.49 0.02	56.22 2.01 0.02	49.00 1.79 2.56	49.00 2.00 -2.55	44.74 1.93 0.00	39.72 1.71 0.00
HQ_GEN_IMPORT 323601	46.20 0.28 0.00	39.86 0.24 0.00	36.79 0.26 0.00	34.68 0.24 0.00	33.24 0.23 0.00	33.46 0.23 0.00	34.46 0.24 0.00	34.35 0.21 0.00	32.49 0.19 0.00	31.67 0.19 0.00	32.16 0.19 0.00	33.27 0.20 0.00	33.92 0.20 0.00	34.76 0.24 0.00	37.58 0.23 0.00	38.82 0.23 0.00	45.05 0.27 0.00	47.71 0.24 0.00	58.21 0.29 0.00	54.50 0.27 0.00	50.12 0.35 0.00	44.72 0.27 0.00	43.07 0.26 0.00	38.28 0.27 0.00
HQ_GEN_WHEEL 23651	46.20 0.28 0.00	39.86 0.24 0.00	36.79 0.26 0.00	34.68 0.24 0.00	33.24 0.23 0.00	33.46 0.23 0.00	34.46 0.24 0.00	34.35 0.21 0.00	32.49 0.19 0.00	31.67 0.19 0.00	32.16 0.19 0.00	33.27 0.20 0.00	33.92 0.20 0.00	34.76 0.24 0.00	37.58 0.23 0.00	38.82 0.23 0.00	45.05 0.27 0.00	47.71 0.24 0.00	58.21 0.29 0.00	54.50 0.27 0.00	50.12 0.35 0.00	44.72 0.27 0.00	43.07 0.26 0.00	38.28 0.27 0.00
HUDSON AVE_GT_3 23810	48.17 2.25 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.17 1.16 0.00	34.42 1.20 0.00	35.59 1.37 0.00	35.61 1.47 0.00	33.78 1.49 0.00	33.08 1.61 0.00	33.79 1.82 0.00	34.95 1.88 0.00	35.84 2.12 0.00	36.83 2.31 0.00	39.82 2.47 0.00	41.21 2.62 0.00	47.83 3.05 0.00	50.13 2.66 0.00	60.64 2.72 0.00	56.45 2.22 0.00	51.81 2.04 0.00	46.59 2.13 0.00	44.87 2.06 0.00	39.80 1.79 0.00
HUDSON AVE_GT_4 23540	48.17 2.25 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.17 1.16 0.00	34.42 1.20 0.00	35.59 1.37 0.00	35.61 1.47 0.00	33.78 1.49 0.00	33.08 1.61 0.00	33.79 1.82 0.00	34.95 1.88 0.00	35.84 2.12 0.00	36.83 2.31 0.00	39.82 2.47 0.00	41.21 2.62 0.00	47.83 3.05 0.00	50.13 2.66 0.00	60.64 2.72 0.00	56.45 2.22 0.00	51.81 2.04 0.00	46.59 2.13 0.00	44.87 2.06 0.00	39.80 1.79 0.00
HUDSON AVE_GT_5 23657	48.17 2.25 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.17 1.16 0.00	34.42 1.20 0.00	35.59 1.37 0.00	35.61 1.47 0.00	33.78 1.49 0.00	33.08 1.61 0.00	33.79 1.82 0.00	34.95 1.88 0.00	35.84 2.12 0.00	36.83 2.31 0.00	39.82 2.47 0.00	41.21 2.62 0.00	47.83 3.05 0.00	50.13 2.66 0.00	60.64 2.72 0.00	56.45 2.22 0.00	51.81 2.04 0.00	46.59 2.13 0.00	44.87 2.06 0.00	39.80 1.79 0.00
HUDSON_AVE_10 24168	47.94 2.02 0.00	41.44 1.82 0.00	37.92 1.39 0.00	35.71 1.27 0.00	34.00 0.99 0.00	34.29 1.06 0.00	35.52 1.30 0.00	35.58 1.43 0.00	33.72 1.42 0.00	33.05 1.57 0.00	33.69 1.73 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	50.04 2.56 0.00	60.53 2.61 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.68 1.67 0.00
HUDSON___115KV_TB 4 355613	46.88 0.96 0.00	40.61 0.99 0.00	37.40 0.88 0.00	35.30 0.86 0.00	33.77 0.76 0.00	33.99 0.76 0.00	34.87 0.65 0.00	34.66 0.51 0.00	32.52 0.23 0.00	31.60 0.13 0.00	32.16 0.19 0.00	33.10 0.03 0.00	33.85 0.13 0.00	34.65 0.14 0.00	37.62 0.26 0.00	39.09 0.50 0.00	45.45 0.67 0.00	48.42 0.95 0.00	59.31 1.39 0.00	55.53 1.30 0.00	50.92 1.14 0.00	45.52 1.07 0.00	43.84 1.03 0.00	39.00 0.99 0.00
HUNTER MOUNT___DRP 323613	47.11 1.19 0.00	40.81 1.19 0.00	37.55 1.02 0.00	35.44 1.00 0.00	33.90 0.89 0.00	34.09 0.86 0.00	34.94 0.72 0.00	34.66 0.51 0.00	32.46 0.16 0.00	31.51 0.03 0.00	32.06 0.10 0.00	33.00 -0.07 0.00	33.75 0.03 0.00	34.55 0.03 0.00	37.54 0.19 0.00	39.01 0.42 0.00	45.50 0.72 0.00	48.52 1.04 0.00	59.54 1.62 0.00	55.74 1.52 0.00	51.12 1.34 0.00	45.65 1.20 0.00	44.01 1.20 0.00	39.15 1.14 0.00
HUNTINGTON_RES_REC 323705	49.04 3.12 0.00	42.55 2.93 0.00	39.01 2.49 0.00	36.68 2.24 0.00	34.96 1.95 0.00	35.19 1.96 0.00	36.14 1.92 0.00	36.16 2.01 0.00	34.65 2.36 0.00	33.88 2.39 -0.01	37.39 2.30 -3.12	39.99 2.35 -4.57	41.54 2.56 -5.26	47.25 2.73 -10.00	49.80 2.99 -9.46	50.94 3.24 -9.11	53.27 3.98 -4.50	62.13 3.61 -11.05	61.86 3.94 0.00	57.42 3.20 0.00	52.91 3.14 0.00	49.38 3.06 -1.86	45.73 2.91 0.00	40.52 2.51 0.00
HUNTLEY___63 23557	43.76 -2.16 0.00	36.77 -2.85 0.00	33.79 -2.74 0.00	31.72 -2.72 0.00	30.83 -2.18 0.00	30.93 -2.29 0.00	32.03 -2.19 0.00	32.57 -1.57 0.00	31.26 -1.03 0.00	30.16 -1.32 0.00	29.94 -2.01 0.01	31.44 -1.62 0.01	32.02 -1.69 0.01	32.82 -1.69 0.01	35.64 -1.72 0.00	36.47 -2.12 0.00	41.99 -2.78 0.02	44.62 -2.85 0.01	54.85 -3.07 0.00	51.78 -2.39 0.06	47.18 -2.59 0.00	40.83 -2.71 0.91	40.37 -2.44 0.00	35.61 -2.39 0.01
HUNTLEY___64 23558	43.76 -2.16 0.00	36.77 -2.85 0.00	33.79 -2.74 0.00	31.72 -2.72 0.00	30.83 -2.18 0.00	30.93 -2.29 0.00	32.03 -2.19 0.00	32.57 -1.57 0.00	31.26 -1.03 0.00	30.16 -1.32 0.00	29.94 -2.01 0.01	31.44 -1.62 0.01	32.02 -1.69 0.01	32.82 -1.69 0.01	35.64 -1.72 0.00	36.47 -2.12 0.00	41.99 -2.78 0.02	44.62 -2.85 0.01	54.85 -3.07 0.00	51.78 -2.39 0.06	47.18 -2.59 0.00	40.83 -2.71 0.91	40.37 -2.44 0.00	35.61 -2.39 0.01
HUNTLEY___65 23559	43.76 -2.16 0.00	36.77 -2.85 0.00	33.79 -2.74 0.00	31.72 -2.72 0.00	30.83 -2.18 0.00	30.93 -2.29 0.00	32.03 -2.19 0.00	32.57 -1.57 0.00	31.26 -1.03 0.00	30.16 -1.32 0.00	29.94 -2.01 0.01	31.44 -1.62 0.01	32.02 -1.69 0.01	32.82 -1.69 0.01	35.64 -1.72 0.00	36.47 -2.12 0.00	41.99 -2.78 0.02	44.62 -2.85 0.01	54.85 -3.07 0.00	51.78 -2.39 0.06	47.18 -2.59 0.00	40.83 -2.71 0.91	40.37 -2.44 0.00	35.61 -2.39 0.01
HUNTLEY___66 23560	43.76 -2.16 0.00	36.77 -2.85 0.00	33.79 -2.74 0.00	31.72 -2.72 0.00	30.83 -2.18 0.00	30.93 -2.29 0.00	32.03 -2.19 0.00	32.57 -1.57 0.00	31.26 -1.03 0.00	30.16 -1.32 0.00	29.94 -2.01 0.01	31.44 -1.62 0.01	32.02 -1.69 0.01	32.82 -1.69 0.01	35.64 -1.72 0.00	36.47 -2.12 0.00	41.99 -2.78 0.02	44.62 -2.85 0.01	54.85 -3.07 0.00	51.78 -2.39 0.06	47.18 -2.59 0.00	40.83 -2.71 0.91	40.37 -2.44 0.00	35.61 -2.39 0.01

HUNTLEY___67 23561	43.62 -2.30 0.00	36.77 -2.85 0.00	33.79 -2.74 0.00	31.72 -2.72 0.00	30.73 -2.28 0.00	30.87 -2.36 0.00	32.00 -2.22 0.00	32.47 -1.67 0.00	31.14 -1.16 0.00	30.13 -1.35 0.00	29.98 -1.98 0.00	31.48 -1.59 0.00	32.07 -1.65 0.00	32.86 -1.66 0.00	35.67 -1.68 0.00	36.50 -2.08 0.00	42.04 -2.73 0.01	44.72 -2.75 0.00	54.91 -3.01 0.00	51.84 -2.33 0.06	47.28 -2.49 0.00	40.94 -2.62 0.89	40.42 -2.40 0.00	35.53 -2.47 0.01
HUNTLEY___68 23562	43.62 -2.30 0.00	36.77 -2.85 0.00	33.79 -2.74 0.00	31.72 -2.72 0.00	30.73 -2.28 0.00	30.87 -2.36 0.00	32.00 -2.22 0.00	32.47 -1.67 0.00	31.14 -1.16 0.00	30.13 -1.35 0.00	29.98 -1.98 0.00	31.48 -1.59 0.00	32.07 -1.65 0.00	32.86 -1.66 0.00	35.67 -1.68 0.00	36.50 -2.08 0.00	42.04 -2.73 0.01	44.72 -2.75 0.00	54.91 -3.01 0.00	51.84 -2.33 0.06	47.28 -2.49 0.00	40.94 -2.62 0.89	40.42 -2.40 0.00	35.53 -2.47 0.01
HYLAND___LFG 323620	47.35 1.43 0.00	40.10 0.48 0.00	36.82 0.29 0.00	34.54 0.10 0.00	33.41 0.40 0.00	33.59 0.37 0.00	34.66 0.44 0.00	34.96 0.82 0.00	33.01 0.71 0.00	31.48 0.00 0.00	31.52 -0.45 0.00	32.67 -0.40 0.00	33.28 -0.44 0.00	34.10 -0.41 0.00	36.98 -0.37 0.00	38.16 -0.42 0.00	44.69 -0.09 0.01	48.28 0.81 0.00	60.30 2.38 0.00	56.89 2.71 0.05	52.06 2.29 0.00	45.24 1.56 0.77	44.44 1.63 0.00	39.07 1.06 0.01
INDECK___CORINTH 23802	46.98 1.06 0.00	40.61 0.99 0.00	37.40 0.88 0.00	35.33 0.89 0.00	33.84 0.83 0.00	34.02 0.80 0.00	34.97 0.75 0.00	34.72 0.58 0.00	32.59 0.29 0.00	31.70 0.22 0.00	31.96 0.00 0.00	32.90 -0.16 0.00	33.65 -0.07 0.00	34.17 -0.35 0.00	37.05 -0.30 0.00	38.47 -0.12 0.00	44.60 -0.18 0.00	47.81 0.33 0.00	59.25 1.33 0.00	55.63 1.41 0.00	51.26 1.49 0.00	45.87 1.42 0.00	44.10 1.28 0.00	39.19 1.18 0.00
INDECK___ILION 23567	45.87 -0.05 0.00	39.62 0.00 0.00	36.49 -0.04 0.00	34.37 -0.07 0.00	32.94 -0.07 0.00	33.16 -0.07 0.00	34.19 -0.03 0.00	34.08 -0.07 0.00	32.20 -0.10 0.00	31.38 -0.09 0.00	31.87 -0.10 0.00	33.00 -0.07 0.00	33.65 -0.07 0.00	34.45 -0.07 0.00	37.28 -0.07 0.00	38.47 -0.12 0.00	44.65 -0.13 0.00	47.38 -0.09 0.00	57.80 -0.12 0.00	54.12 -0.11 0.00	49.62 -0.15 0.00	44.41 -0.04 0.00	42.73 -0.09 0.00	37.97 -0.04 0.00
INDECK___OLEAN 23982	44.31 -1.61 0.00	37.56 -2.06 0.00	34.52 -2.01 0.00	32.41 -2.03 0.00	31.33 -1.68 0.00	31.47 -1.76 0.00	32.51 -1.71 0.00	32.74 -1.40 0.00	31.23 -1.07 0.00	30.28 -1.20 0.00	30.56 -1.41 0.00	32.11 -0.96 0.00	32.91 -0.81 0.00	33.72 -0.79 0.00	36.53 -0.82 0.00	37.55 -1.04 0.00	43.47 -1.30 0.01	46.33 -1.14 0.00	56.88 -1.04 0.00	53.80 -0.38 0.04	48.72 -1.05 0.00	42.00 -1.73 0.72	40.97 -1.84 0.00	36.14 -1.86 0.01
INDECK___OSWEGO 23783	44.77 -1.15 0.00	38.59 -1.03 0.00	35.65 -0.88 0.00	33.54 -0.90 0.00	32.22 -0.79 0.00	32.40 -0.83 0.00	33.40 -0.82 0.00	33.36 -0.78 0.00	31.52 -0.78 0.00	30.72 -0.76 0.00	31.13 -0.83 0.00	32.21 -0.86 0.00	32.71 -1.01 0.00	33.45 -1.07 0.00	36.20 -1.16 0.00	37.35 -1.24 0.00	43.41 -1.39 -0.01	46.20 -1.28 0.00	57.28 -1.39 -0.75	53.39 -1.25 -0.41	48.58 -1.19 0.00	44.58 -1.11 -1.23	41.78 -1.03 0.00	37.04 -0.99 -0.01
INDECK___YERKES 23781	43.72 -2.20 0.00	36.81 -2.81 0.00	33.79 -2.74 0.00	31.72 -2.72 0.00	30.76 -2.25 0.00	30.90 -2.33 0.00	31.93 -2.29 0.00	32.57 -1.57 0.00	31.20 -1.10 0.00	30.00 -1.48 0.00	30.20 -1.76 0.01	31.47 -1.59 0.01	32.06 -1.65 0.01	32.85 -1.66 0.01	35.67 -1.68 0.00	36.50 -2.08 0.00	41.94 -2.82 0.02	44.62 -2.85 0.01	54.91 -3.01 0.00	51.62 -2.55 0.06	47.24 -2.54 0.00	40.88 -2.67 0.91	40.54 -2.27 0.00	35.61 -2.39 0.01
INDIAN POINT_GT_1 24139	47.62 1.70 0.00	41.16 1.55 0.00	37.73 1.21 0.00	35.58 1.14 0.00	33.90 0.89 0.00	34.16 0.93 0.00	35.25 1.03 0.00	35.24 1.09 0.00	33.40 1.10 0.00	32.68 1.20 0.00	33.34 1.37 0.00	34.49 1.42 0.00	35.37 1.65 0.00	36.31 1.79 0.00	39.30 1.94 0.00	40.67 2.08 0.00	47.25 2.46 0.00	49.71 2.23 0.00	60.29 2.37 0.00	56.23 2.01 0.00	51.51 1.74 0.00	46.19 1.73 0.00	44.40 1.58 0.00	39.38 1.37 0.00
INDIAN POINT_GT_2 23659	47.62 1.70 0.00	41.16 1.55 0.00	37.73 1.21 0.00	35.58 1.14 0.00	33.90 0.89 0.00	34.16 0.93 0.00	35.25 1.03 0.00	35.24 1.09 0.00	33.40 1.10 0.00	32.68 1.20 0.00	33.34 1.37 0.00	34.49 1.42 0.00	35.37 1.65 0.00	36.31 1.79 0.00	39.30 1.94 0.00	40.67 2.08 0.00	47.25 2.46 0.00	49.71 2.23 0.00	60.29 2.37 0.00	56.23 2.01 0.00	51.51 1.74 0.00	46.19 1.73 0.00	44.40 1.58 0.00	39.38 1.37 0.00
INDIAN POINT_GT_3 24019	47.62 1.70 0.00	41.16 1.55 0.00	37.73 1.21 0.00	35.58 1.14 0.00	33.90 0.89 0.00	34.16 0.93 0.00	35.25 1.03 0.00	35.24 1.09 0.00	33.40 1.10 0.00	32.68 1.20 0.00	33.34 1.37 0.00	34.49 1.42 0.00	35.37 1.65 0.00	36.31 1.79 0.00	39.30 1.94 0.00	40.67 2.08 0.00	47.25 2.46 0.00	49.71 2.23 0.00	60.29 2.37 0.00	56.23 2.01 0.00	51.51 1.74 0.00	46.19 1.73 0.00	44.40 1.58 0.00	39.38 1.37 0.00
INDIAN POINT___2 23530	47.57 1.65 0.00	41.12 1.51 0.00	37.70 1.17 0.00	35.54 1.10 0.00	33.93 0.92 0.00	34.16 0.93 0.00	35.25 1.03 0.00	35.20 1.06 0.00	33.40 1.10 0.00	32.67 1.20 0.00	33.31 1.34 0.00	34.49 1.42 0.00	35.34 1.62 0.00	36.28 1.76 0.00	39.26 1.90 0.00	40.63 2.04 0.00	47.33 2.55 0.00	49.75 2.28 0.00	60.24 2.32 0.00	56.17 1.95 0.00	51.47 1.69 0.00	46.14 1.69 0.00	44.35 1.54 0.00	39.34 1.33 0.00
INDIAN POINT___3 23531	47.57 1.65 0.00	41.12 1.51 0.00	37.70 1.17 0.00	35.54 1.10 0.00	33.87 0.86 0.00	34.12 0.90 0.00	35.25 1.03 0.00	35.20 1.06 0.00	33.36 1.07 0.00	32.64 1.16 0.00	33.31 1.34 0.00	34.46 1.39 0.00	35.30 1.58 0.00	36.28 1.76 0.00	39.26 1.91 0.00	40.63 2.05 0.00	47.20 2.42 0.00	49.66 2.18 0.00	60.24 2.32 0.00	56.18 1.95 0.00	51.46 1.69 0.00	46.14 1.69 0.00	44.35 1.54 0.00	39.34 1.33 0.00
INDIANHD_69_KV_BK1 55831	49.23 3.31 0.00	42.67 3.05 0.00	39.05 2.52 0.00	36.75 2.31 0.00	34.89 1.88 0.00	35.22 1.99 0.00	36.14 1.92 0.00	36.23 2.08 0.00	34.43 2.13 0.00	34.00 2.52 0.00	37.58 2.49 -3.12	40.15 2.51 -4.57	41.64 2.66 -5.26	47.39 2.86 -10.00	49.95 3.14 -9.46	51.10 3.40 -9.11	53.36 4.08 -4.50	62.37 3.85 -11.05	62.32 4.40 0.00	57.69 3.47 0.00	52.96 3.19 0.00	49.56 3.25 -1.86	45.90 3.08 0.00	40.67 2.66 0.00
INGHAM_C_115KV_TB7 356103	45.60 -0.32 0.00	39.38 -0.24 0.00	36.27 -0.26 0.00	34.16 -0.28 0.00	32.71 -0.30 0.00	32.93 -0.30 0.00	33.98 -0.24 0.00	33.87 -0.27 0.00	31.94 -0.36 0.00	31.16 -0.31 0.00	31.68 -0.29 0.00	32.77 -0.30 0.00	33.41 -0.30 0.00	34.21 -0.31 0.00	37.02 -0.30 0.00	38.20 -0.39 0.00	44.33 -0.45 0.00	46.95 -0.52 0.00	57.40 -0.52 0.00	53.68 -0.54 0.00	49.22 -0.55 0.00	44.10 -0.36 0.00	42.47 -0.34 0.00	37.75 -0.27 0.00

IP CORINTH___1 23988	47.25 1.33 0.00	40.81 1.19 0.00	37.62 1.10 0.00	35.51 1.07 0.00	33.97 0.96 0.00	34.22 1.00 0.00	35.14 0.92 0.00	34.93 0.79 0.00	32.78 0.48 0.00	31.86 0.38 0.00	32.16 0.19 0.00	33.07 0.00 0.00	33.82 0.10 0.00	34.34 -0.17 0.00	37.24 -0.11 0.00	38.67 0.08 0.00	44.87 0.09 0.00	48.04 0.57 0.00	59.60 1.68 0.00	55.91 1.68 0.00	51.56 1.79 0.00	46.10 1.64 0.00	44.35 1.54 0.00	39.42 1.41 0.00
IP___TICONDEROGA 23804	50.01 4.09 0.00	43.15 3.53 0.00	39.71 3.18 0.00	37.50 3.07 0.00	35.85 2.84 0.00	36.05 2.82 0.00	36.99 2.77 0.00	36.67 2.53 0.00	34.20 1.91 0.00	33.12 1.64 0.00	33.53 1.57 0.00	34.42 1.36 0.00	35.24 1.52 0.00	35.72 1.21 0.00	38.77 1.42 0.00	40.32 1.74 0.00	47.02 2.24 0.00	50.80 3.32 0.00	63.42 5.50 0.00	59.70 5.48 0.00	54.85 5.08 0.00	49.03 4.58 0.00	47.14 4.32 0.00	41.81 3.80 0.00
ISLIP_RES_REC 323679	49.64 3.72 0.00	43.11 3.49 0.00	39.52 3.00 0.00	37.16 2.72 0.00	35.39 2.38 0.00	35.65 2.42 0.00	36.58 2.36 0.00	36.60 2.46 0.00	35.11 2.81 0.00	34.32 2.83 -0.01	37.77 2.69 -3.12	40.32 2.68 -4.57	41.91 2.93 -5.26	47.63 3.11 -10.00	50.21 3.40 -9.46	51.40 3.70 -9.11	54.03 4.74 -4.50	62.95 4.42 -11.05	62.79 4.87 0.00	58.29 4.07 0.00	53.66 3.88 0.00	49.92 3.60 -1.86	46.24 3.43 0.00	40.98 2.97 0.00
JAMAICA___27_KV_LOAD 355505	48.03 2.11 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.78 1.34 0.00	34.07 1.06 0.00	34.42 1.20 0.00	35.76 1.54 0.00	35.85 1.71 0.00	34.01 1.71 0.00	33.30 1.83 0.00	33.88 1.92 0.00	35.08 2.02 0.00	35.94 2.23 0.00	36.97 2.45 0.00	40.01 2.65 0.00	41.37 2.78 0.00	48.05 3.27 0.00	50.37 2.90 0.00	60.93 3.01 0.00	56.61 2.39 0.00	51.96 2.19 0.00	46.72 2.27 0.00	45.12 2.31 0.00	39.88 1.86 0.00
JANIS___SOLAR 323808	47.53 1.61 0.00	40.85 1.23 0.00	37.51 0.99 0.00	35.23 0.79 0.00	33.84 0.83 0.00	34.06 0.83 0.00	35.18 0.96 0.00	34.96 0.82 0.00	32.75 0.45 0.00	31.64 0.16 0.00	31.93 -0.03 0.00	33.17 0.10 0.00	33.82 0.10 0.00	34.62 0.10 0.00	37.51 0.15 0.00	38.74 0.15 0.00	45.27 0.49 0.00	48.61 1.14 0.00	60.28 2.20 -0.15	56.61 2.33 -0.05	51.81 2.04 0.00	45.82 1.60 0.23	44.31 1.50 0.00	39.19 1.18 0.00
JARVIS____ 23743	45.97 0.05 0.00	39.66 0.04 0.00	36.56 0.04 0.00	34.47 0.03 0.00	33.04 0.03 0.00	33.26 0.03 0.00	34.25 0.03 0.00	34.14 0.00 0.00	32.30 0.00 0.00	31.48 0.00 0.00	31.96 0.00 0.00	33.07 0.00 0.00	33.72 0.00 0.00	34.52 0.00 0.00	37.35 0.00 0.00	38.59 0.00 0.00	44.78 0.00 0.00	47.52 0.05 0.00	57.98 0.06 0.00	54.28 0.05 0.00	49.77 0.00 0.00	44.50 0.04 0.00	42.81 0.00 0.00	38.05 0.04 0.00
JENNISON___1 23625	47.62 1.70 0.00	41.01 1.39 0.00	37.62 1.10 0.00	35.33 0.90 0.00	33.90 0.89 0.00	34.16 0.93 0.00	35.21 0.99 0.00	35.00 0.85 0.00	32.85 0.55 0.00	31.95 0.47 0.00	32.28 0.32 0.00	33.60 0.53 0.00	34.33 0.61 0.00	35.17 0.66 0.00	38.06 0.71 0.00	39.21 0.62 0.00	45.63 0.85 0.00	48.80 1.33 0.00	60.18 2.14 -0.11	56.48 2.22 -0.04	51.61 1.84 0.00	45.75 1.51 0.21	44.18 1.37 0.00	39.11 1.10 0.00
JENNISON___2 23626	47.62 1.70 0.00	41.01 1.39 0.00	37.62 1.10 0.00	35.33 0.90 0.00	33.90 0.89 0.00	34.16 0.93 0.00	35.21 0.99 0.00	35.00 0.85 0.00	32.85 0.55 0.00	31.95 0.47 0.00	32.28 0.32 0.00	33.60 0.53 0.00	34.33 0.61 0.00	35.17 0.66 0.00	38.06 0.71 0.00	39.21 0.62 0.00	45.63 0.85 0.00	48.80 1.33 0.00	60.18 2.14 -0.11	56.48 2.22 -0.04	51.61 1.84 0.00	45.75 1.51 0.21	44.18 1.37 0.00	39.11 1.10 0.00
JERICHO_RISE_WT_PWR 323719	46.24 0.32 0.00	39.90 0.28 0.00	36.82 0.29 0.00	34.75 0.31 0.00	33.27 0.26 0.00	33.56 0.33 0.00	34.49 0.27 0.00	34.38 0.24 0.00	32.56 0.26 0.00	31.70 0.22 0.00	32.19 0.23 0.00	33.30 0.23 0.00	33.99 0.27 0.00	34.76 0.24 0.00	37.62 0.26 0.00	38.78 0.19 0.00	45.01 0.23 0.00	47.67 0.19 0.00	58.21 0.29 0.00	54.44 0.22 0.00	50.17 0.40 0.00	44.68 0.22 0.00	43.03 0.22 0.00	38.28 0.27 0.00
KATONAH___115KV_46KV_TB4 355592	47.80 1.88 0.00	41.28 1.66 0.00	37.92 1.39 0.00	35.75 1.31 0.00	34.07 1.06 0.00	34.32 1.10 0.00	35.42 1.20 0.00	35.41 1.26 0.00	33.53 1.23 0.00	32.74 1.26 0.00	33.43 1.47 0.00	34.59 1.52 0.00	35.40 1.69 0.00	36.35 1.83 0.00	39.41 2.05 0.00	40.79 2.20 0.00	47.33 2.55 0.00	49.94 2.47 0.00	60.70 2.78 0.00	56.50 2.28 0.00	51.76 1.99 0.00	46.36 1.91 0.00	44.57 1.76 0.00	39.57 1.56 0.00
KCE_NY_1 323755	47.39 1.47 0.00	40.97 1.35 0.00	37.70 1.17 0.00	35.61 1.17 0.00	34.13 1.12 0.00	34.32 1.09 0.00	35.28 1.06 0.00	35.07 0.92 0.00	32.98 0.68 0.00	32.08 0.60 0.00	32.54 0.58 0.00	33.53 0.46 0.00	34.29 0.57 0.00	34.96 0.45 0.00	37.92 0.56 0.00	39.32 0.73 0.00	45.63 0.85 0.00	48.71 1.23 0.00	59.83 1.91 0.00	56.12 1.90 0.00	51.51 1.74 0.00	46.14 1.69 0.00	44.40 1.58 0.00	39.42 1.41 0.00
KCE_NY_6_ESR 323823	43.90 -2.02 0.00	36.97 -2.65 0.00	33.94 -2.59 0.00	31.86 -2.58 0.00	30.90 -2.11 0.00	31.03 -2.19 0.00	32.07 -2.15 0.00	32.57 -1.57 0.00	31.26 -1.03 0.00	30.06 -1.42 0.00	30.33 -1.63 0.00	31.61 -1.45 0.00	32.20 -1.52 0.00	33.00 -1.52 0.00	35.82 -1.53 0.00	36.70 -1.89 0.00	42.17 -2.60 0.01	44.86 -2.61 0.00	55.20 -2.72 0.00	51.95 -2.23 0.05	47.53 -2.24 0.00	41.14 -2.44 0.87	40.72 -2.10 0.00	35.65 -2.36 0.01
KEDC_PORT_JEFF_GT2 24210	49.27 3.35 0.00	42.83 3.21 0.00	39.27 2.74 0.00	36.92 2.48 0.00	35.19 2.18 0.00	35.42 2.19 0.00	36.34 2.12 0.00	36.36 2.22 0.00	34.88 2.58 0.00	34.10 2.61 -0.01	37.55 2.46 -3.12	40.12 2.48 -4.57	41.68 2.70 -5.26	47.35 2.83 -10.00	49.91 3.10 -9.46	51.10 3.40 -9.11	53.63 4.34 -4.50	62.37 3.84 -11.05	62.21 4.29 0.00	57.80 3.58 0.00	53.20 3.43 0.00	49.56 3.24 -1.86	45.90 3.08 0.00	40.71 2.70 0.00
KEDC_PORT_JEFF_GT3 24211	49.27 3.35 0.00	42.83 3.21 0.00	39.27 2.74 0.00	36.92 2.48 0.00	35.19 2.18 0.00	35.42 2.19 0.00	36.34 2.12 0.00	36.36 2.22 0.00	34.88 2.58 0.00	34.10 2.61 -0.01	37.55 2.46 -3.12	40.12 2.48 -4.57	41.68 2.70 -5.26	47.35 2.83 -10.00	49.91 3.10 -9.46	51.10 3.40 -9.11	53.63 4.34 -4.50	62.37 3.84 -11.05	62.21 4.29 0.00	57.80 3.58 0.00	53.20 3.43 0.00	49.56 3.24 -1.86	45.90 3.08 0.00	40.71 2.70 0.00
KEDC_GLWD_GT4 24219	48.54 2.62 0.00	41.96 2.34 0.00	38.46 1.93 0.00	36.23 1.79 0.00	34.56 1.55 0.00	34.76 1.53 0.00	35.83 1.61 0.00	35.82 1.67 0.00	34.14 1.84 0.00	33.41 1.92 -0.01	37.14 2.05 -3.12	39.79 2.15 -4.57	41.38 2.39 -5.26	47.08 2.55 -10.00	49.58 2.76 -9.46	50.63 2.93 -9.11	52.87 3.58 -4.50	61.80 3.27 -11.05	61.40 3.47 0.00	57.10 2.87 0.00	52.41 2.64 0.00	48.89 2.58 -1.86	45.21 2.40 0.00	40.10 2.09 0.00

KEDC_GLWD_GT5 24220	48.54 2.62 0.00	41.96 2.34 0.00	38.46 1.93 0.00	36.23 1.79 0.00	34.56 1.55 0.00	34.76 1.53 0.00	35.83 1.61 0.00	35.82 1.67 0.00	34.14 1.84 0.00	33.41 1.92 -0.01	37.14 2.05 -3.12	39.79 2.15 -4.57	41.38 2.39 -5.26	47.08 2.55 -10.00	49.58 2.76 -9.46	50.63 2.93 -9.11	52.87 3.58 -4.50	61.80 3.27 -11.05	61.40 3.47 0.00	57.10 2.87 0.00	52.41 2.64 0.00	48.89 2.58 -1.86	45.21 2.40 0.00	40.10 2.09 0.00
KENSICO____ 23655	47.80 1.88 0.00	41.28 1.66 0.00	37.84 1.31 0.00	35.68 1.24 0.00	34.00 0.99 0.00	34.26 1.03 0.00	35.38 1.16 0.00	35.37 1.23 0.00	33.49 1.20 0.00	32.80 1.32 0.00	33.50 1.53 0.00	34.65 1.59 0.00	35.47 1.75 0.00	36.45 1.93 0.00	39.45 2.09 0.00	40.83 2.24 0.00	47.42 2.64 0.00	49.85 2.37 0.00	60.47 2.55 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.32 1.87 0.00	44.57 1.76 0.00	39.53 1.52 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.99 2.07 0.00	41.40 1.78 0.00	37.99 1.46 0.00	35.78 1.34 0.00	34.10 1.09 0.00	34.36 1.13 0.00	35.42 1.20 0.00	35.31 1.16 0.00	33.27 0.97 0.00	32.49 1.01 0.00	33.15 1.18 0.00	34.29 1.22 0.00	35.13 1.42 0.00	36.07 1.55 0.00	39.11 1.76 0.00	40.52 1.93 0.00	47.33 2.55 0.00	50.04 2.56 0.00	60.93 3.01 0.00	56.94 2.71 0.00	52.11 2.34 0.00	46.54 2.09 0.00	44.74 1.93 0.00	39.65 1.63 0.00
KIAC_JFK_GT1 23816	47.57 1.65 0.00	41.32 1.70 0.00	37.77 1.24 0.00	35.58 1.14 0.00	33.87 0.86 0.00	34.26 1.03 0.00	35.55 1.33 0.00	35.65 1.50 0.00	33.82 1.52 0.00	33.12 1.64 0.00	33.69 1.73 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.76 2.24 0.00	39.78 2.43 0.00	41.14 2.55 0.00	47.60 2.82 0.00	49.90 2.42 0.00	60.35 2.43 0.00	56.07 1.84 0.00	51.46 1.69 0.00	46.41 1.96 0.00	44.87 2.06 0.00	39.65 1.63 0.00
KIAC_JFK_GT2 23817	47.57 1.65 0.00	41.32 1.70 0.00	37.77 1.24 0.00	35.58 1.14 0.00	33.87 0.86 0.00	34.26 1.03 0.00	35.55 1.33 0.00	35.65 1.50 0.00	33.82 1.52 0.00	33.12 1.64 0.00	33.69 1.73 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.76 2.24 0.00	39.78 2.43 0.00	41.14 2.55 0.00	47.60 2.82 0.00	49.90 2.42 0.00	60.35 2.43 0.00	56.07 1.84 0.00	51.46 1.69 0.00	46.41 1.96 0.00	44.87 2.06 0.00	39.65 1.63 0.00
KIAC_JFK____ 323774	47.57 1.65 0.00	41.32 1.70 0.00	37.81 1.28 0.00	35.57 1.13 0.00	33.93 0.92 0.00	34.26 1.03 0.00	35.59 1.37 0.00	35.64 1.50 0.00	33.88 1.58 0.00	33.18 1.70 0.00	33.66 1.69 0.00	34.88 1.82 0.00	35.74 2.02 0.00	36.76 2.24 0.00	39.75 2.39 0.00	41.13 2.55 0.00	47.78 3.00 0.00	49.99 2.51 0.00	60.30 2.38 0.00	56.01 1.79 0.00	51.36 1.59 0.00	46.41 1.95 0.00	44.83 2.01 0.00	39.65 1.63 0.00
KINTIGH__24_KV_GSU 356498	43.99 -1.93 0.00	37.20 -2.42 0.00	34.19 -2.34 0.00	32.13 -2.31 0.00	31.06 -1.95 0.00	31.23 -1.99 0.00	32.20 -2.02 0.00	32.71 -1.43 0.00	31.33 -0.97 0.00	30.25 -1.23 0.00	30.53 -1.44 0.00	31.74 -1.32 0.00	32.33 -1.38 0.00	33.14 -1.38 0.00	35.90 -1.46 0.00	36.81 -1.77 0.00	42.49 -2.28 0.01	45.20 -2.28 0.00	55.43 -2.49 0.00	52.10 -2.06 0.06	47.73 -2.04 0.00	41.28 -2.18 0.99	41.02 -1.80 0.00	35.99 -2.02 0.01
KINTIGH____ 23543	43.99 -1.93 0.00	37.20 -2.42 0.00	34.19 -2.34 0.00	32.13 -2.31 0.00	31.10 -1.91 0.00	31.23 -1.99 0.00	32.30 -1.92 0.00	32.71 -1.43 0.00	31.33 -0.97 0.00	30.35 -1.13 0.00	30.33 -1.63 0.00	31.74 -1.32 0.00	32.34 -1.38 0.00	33.14 -1.38 0.00	35.90 -1.46 0.00	36.81 -1.78 0.00	42.49 -2.28 0.01	45.24 -2.23 0.00	55.43 -2.49 0.00	52.26 -1.90 0.06	47.73 -2.04 0.00	41.28 -2.18 0.99	40.89 -1.93 0.00	35.99 -2.01 0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	46.88 0.96 0.00	40.37 0.75 0.00	37.29 0.77 0.00	35.23 0.79 0.00	33.74 0.73 0.00	34.02 0.80 0.00	34.97 0.75 0.00	34.83 0.68 0.00	33.01 0.71 0.00	32.14 0.66 0.00	32.60 0.64 0.00	33.73 0.66 0.00	34.46 0.74 0.00	35.24 0.72 0.00	38.06 0.71 0.00	39.32 0.73 0.00	45.63 0.85 0.00	48.42 0.95 0.00	59.19 1.27 0.00	55.36 1.14 0.00	51.02 1.24 0.00	45.43 0.98 0.00	43.67 0.86 0.00	38.85 0.84 0.00
LACHUTE__HYDRO 323717	50.01 4.09 0.00	43.14 3.52 0.00	39.70 3.18 0.00	37.50 3.06 0.00	35.88 2.87 0.00	36.02 2.79 0.00	36.99 2.77 0.00	36.67 2.53 0.00	34.17 1.87 0.00	33.11 1.64 0.00	33.50 1.53 0.00	34.42 1.36 0.00	35.24 1.52 0.00	35.72 1.21 0.00	38.77 1.42 0.00	40.33 1.74 0.00	46.98 2.19 0.00	50.80 3.32 0.00	63.43 5.51 0.00	59.70 5.47 0.00	54.85 5.08 0.00	49.03 4.58 0.00	47.13 4.32 0.00	41.81 3.80 0.00
LAWRNCV_115KV_TB1 80681	46.56 0.64 0.00	40.13 0.52 0.00	37.04 0.51 0.00	34.92 0.48 0.00	33.41 0.40 0.00	33.73 0.50 0.00	34.70 0.48 0.00	34.45 0.31 0.00	32.56 0.26 0.00	31.73 0.25 0.00	32.22 0.26 0.00	33.33 0.26 0.00	34.02 0.30 0.00	34.83 0.31 0.00	37.62 0.26 0.00	38.86 0.27 0.00	45.19 0.40 0.00	47.90 0.43 0.00	58.56 0.64 0.00	54.71 0.49 0.00	50.57 0.80 0.00	45.08 0.62 0.00	43.41 0.60 0.00	38.58 0.57 0.00
LEDERLE____ 23769	47.71 1.79 0.00	41.20 1.58 0.00	37.81 1.28 0.00	35.61 1.17 0.00	33.97 0.96 0.00	34.22 1.00 0.00	35.32 1.10 0.00	35.27 1.13 0.00	33.40 1.10 0.00	32.68 1.20 0.00	33.37 1.41 0.00	34.52 1.45 0.00	35.40 1.69 0.00	36.35 1.83 0.00	39.33 1.98 0.00	40.71 2.12 0.00	47.38 2.60 0.00	49.90 2.42 0.00	60.53 2.61 0.00	56.50 2.28 0.00	51.71 1.94 0.00	46.28 1.82 0.00	44.52 1.71 0.00	39.46 1.44 0.00
LIGHTHSE_115KV_TB6 355974	45.83 -0.09 0.00	39.46 -0.16 0.00	36.38 -0.15 0.00	34.20 -0.24 0.00	32.81 -0.20 0.00	33.06 -0.17 0.00	34.12 -0.10 0.00	33.97 -0.17 0.00	32.01 -0.29 0.00	31.16 -0.31 0.00	31.52 -0.45 0.00	32.54 -0.53 0.00	33.04 -0.67 0.00	33.79 -0.72 0.00	36.57 -0.78 0.00	37.74 -0.85 0.00	43.98 -0.81 0.00	47.09 -0.38 0.00	58.13 -0.17 -0.38	54.41 0.00 -0.18	49.72 -0.05 0.00	44.70 0.00 -0.24	42.77 -0.04 0.00	37.90 -0.11 0.00
LINDEN COGEN____ 23786	33.19 1.97 14.70	27.88 1.74 13.48	37.84 1.31 0.00	35.64 1.20 0.00	34.00 0.99 0.00	34.19 0.96 0.00	35.38 1.16 0.00	35.37 1.23 0.00	33.65 1.36 0.00	32.93 1.45 0.00	33.59 1.63 0.00	34.75 1.69 0.00	35.61 1.89 0.00	36.59 2.07 0.00	39.56 2.20 0.00	40.94 2.35 0.00	47.74 2.95 0.00	49.94 2.47 0.00	60.24 2.32 0.00	56.07 1.84 0.00	51.47 1.69 0.00	46.28 1.82 0.00	44.53 1.71 0.00	39.49 1.48 0.00
LINDHRST_69_KV_BK1 356055	49.32 3.40 0.00	42.67 3.05 0.00	39.05 2.52 0.00	36.75 2.31 0.00	34.89 1.88 0.00	35.25 2.03 0.00	36.17 1.95 0.00	36.23 2.08 0.00	34.43 2.13 0.00	34.00 2.52 0.00	37.61 2.53 -3.12	40.25 2.61 -4.57	41.78 2.80 -5.26	47.52 3.00 -10.00	50.10 3.29 -9.46	51.17 3.47 -9.11	53.41 4.12 -4.50	62.52 3.99 -11.05	62.44 4.52 0.00	57.86 3.63 0.00	53.06 3.28 0.00	49.65 3.33 -1.86	45.98 3.17 0.00	40.75 2.74 0.00

LIPA_MISC_IPP 23656	49.13 3.21 0.00	42.83 3.21 0.00	39.19 2.67 0.00	36.85 2.41 0.00	34.99 1.98 0.00	35.35 2.13 0.00	36.24 2.02 0.00	36.30 2.15 0.00	34.53 2.23 0.00	34.09 2.61 0.00	37.58 2.49 -3.12	40.12 2.48 -4.57	41.54 2.56 -5.26	47.14 2.62 -10.00	49.69 2.88 -9.46	50.86 3.16 -9.11	53.36 4.08 -4.50	62.37 3.85 -11.05	62.21 4.29 0.00	57.64 3.42 0.00	52.81 3.04 0.00	49.34 3.02 -1.86	45.77 2.95 0.00	40.64 2.62 0.00
LISF___SOLAR 323691	49.27 3.35 0.00	42.98 3.37 0.00	39.38 2.85 0.00	37.02 2.58 0.00	35.26 2.25 0.00	35.52 2.29 0.00	36.44 2.22 0.00	36.47 2.32 0.00	34.98 2.68 0.00	34.16 2.67 -0.01	37.55 2.46 -3.12	40.02 2.38 -4.57	41.58 2.60 -5.26	47.18 2.66 -10.00	49.73 2.92 -9.46	50.98 3.28 -9.11	53.63 4.34 -4.50	62.46 3.94 -11.05	62.27 4.35 0.00	57.75 3.52 0.00	53.20 3.43 0.00	49.47 3.16 -1.86	45.85 3.04 0.00	40.71 2.70 0.00
LITTLE FALLS___HYD 24013	45.60 -0.32 0.00	39.38 -0.24 0.00	36.27 -0.26 0.00	34.16 -0.28 0.00	32.71 -0.30 0.00	32.93 -0.30 0.00	33.98 -0.24 0.00	33.87 -0.27 0.00	31.94 -0.36 0.00	31.16 -0.31 0.00	31.68 -0.29 0.00	32.77 -0.30 0.00	33.41 -0.30 0.00	34.21 -0.31 0.00	37.02 -0.34 0.00	38.20 -0.39 0.00	44.33 -0.45 0.00	46.95 -0.52 0.00	57.40 -0.52 0.00	53.68 -0.54 0.00	49.22 -0.55 0.00	44.10 -0.36 0.00	42.47 -0.34 0.00	37.75 -0.27 0.00
LITTLRIV_115KV_TB1 356100	47.07 1.15 0.00	40.61 0.99 0.00	37.44 0.91 0.00	35.27 0.83 0.00	33.74 0.73 0.00	34.09 0.86 0.00	35.08 0.86 0.00	34.76 0.61 0.00	32.75 0.45 0.00	31.89 0.41 0.00	32.35 0.38 0.00	33.43 0.36 0.00	34.16 0.44 0.00	34.97 0.45 0.00	37.77 0.41 0.00	39.05 0.46 0.00	45.45 0.67 0.00	48.28 0.81 0.00	59.19 1.22 -0.05	55.33 1.08 -0.02	51.17 1.39 0.00	45.61 1.16 0.00	43.88 1.07 0.00	39.00 0.99 0.00
LI_NEWBRDGE___DRP 323616	48.35 2.43 0.00	41.88 2.26 0.00	38.35 1.83 0.00	36.09 1.65 0.00	34.33 1.32 0.00	34.62 1.40 0.00	35.59 1.37 0.00	35.65 1.50 0.00	33.85 1.55 0.00	33.37 1.89 0.00	37.04 1.95 -3.12	39.62 1.98 -4.57	41.14 2.16 -5.26	46.83 2.31 -10.00	49.32 2.50 -9.46	50.36 2.66 -9.11	52.42 3.13 -4.50	61.37 2.85 -11.05	61.11 3.19 0.00	56.72 2.49 0.00	52.06 2.29 0.00	48.72 2.40 -1.86	45.12 2.31 0.00	40.03 2.01 0.00
LOCKPORT_115KV_TB60_63_64 80432	43.49 -2.43 0.00	36.85 -2.77 0.00	33.86 -2.67 0.00	31.79 -2.65 0.00	30.60 -2.41 0.00	30.74 -2.49 0.00	32.06 -2.16 0.00	32.33 -1.81 0.00	31.04 -1.26 0.00	30.00 -1.48 0.00	29.85 -2.11 0.00	31.31 -1.75 0.00	31.90 -1.82 0.00	32.69 -1.83 0.00	35.49 -1.87 0.00	36.31 -2.31 0.00	41.86 -2.91 0.01	44.53 -2.94 0.00	54.73 -3.19 0.00	51.67 -2.49 0.06	47.13 -2.64 0.00	40.78 -2.76 0.92	40.42 -2.40 0.00	35.46 -2.55 0.01
LOCKPORT___CC1 323769	43.67 -2.25 0.00	36.84 -2.77 0.00	33.83 -2.70 0.00	31.75 -2.69 0.00	30.80 -2.21 0.00	30.94 -2.29 0.00	31.96 -2.26 0.00	32.37 -1.78 0.00	31.23 -1.07 0.00	29.87 -1.60 0.00	30.11 -1.85 0.00	31.34 -1.72 0.00	31.93 -1.79 0.00	32.72 -1.80 0.00	35.53 -1.83 0.00	36.35 -2.24 0.00	41.86 -2.91 0.01	44.53 -2.94 0.00	54.73 -3.19 0.00	51.51 -2.66 0.06	47.13 -2.64 0.00	40.78 -2.76 0.92	40.54 -2.27 0.00	35.49 -2.51 0.01
LOCKPORT___CC2 323770	43.67 -2.25 0.00	36.84 -2.77 0.00	33.83 -2.70 0.00	31.75 -2.69 0.00	30.80 -2.21 0.00	30.94 -2.29 0.00	31.96 -2.26 0.00	32.37 -1.78 0.00	31.23 -1.07 0.00	29.87 -1.60 0.00	30.11 -1.85 0.00	31.34 -1.72 0.00	31.93 -1.79 0.00	32.72 -1.80 0.00	35.53 -1.83 0.00	36.35 -2.24 0.00	41.86 -2.91 0.01	44.53 -2.94 0.00	54.73 -3.19 0.00	51.51 -2.66 0.06	47.13 -2.64 0.00	40.78 -2.76 0.92	40.54 -2.27 0.00	35.49 -2.51 0.01
LOCKPORT___CC3 323771	43.67 -2.25 0.00	36.84 -2.77 0.00	33.83 -2.70 0.00	31.75 -2.69 0.00	30.80 -2.21 0.00	30.94 -2.29 0.00	31.96 -2.26 0.00	32.37 -1.78 0.00	31.23 -1.07 0.00	29.87 -1.60 0.00	30.11 -1.85 0.00	31.34 -1.72 0.00	31.93 -1.79 0.00	32.72 -1.80 0.00	35.53 -1.83 0.00	36.35 -2.24 0.00	41.86 -2.91 0.01	44.53 -2.94 0.00	54.73 -3.19 0.00	51.51 -2.66 0.06	47.13 -2.64 0.00	40.78 -2.76 0.92	40.54 -2.27 0.00	35.49 -2.51 0.01
LOCUSVLY_69_KV_BK2 55797	48.81 2.89 0.00	42.19 2.58 0.00	38.65 2.12 0.00	36.37 1.93 0.00	34.59 1.58 0.00	34.89 1.66 0.00	35.90 1.68 0.00	35.95 1.81 0.00	34.14 1.84 0.00	33.62 2.14 0.00	37.36 2.27 -3.12	39.99 2.35 -4.57	41.54 2.56 -5.26	47.28 2.76 -10.00	49.80 2.99 -9.46	50.83 3.13 -9.11	52.96 3.67 -4.50	61.94 3.42 -11.05	61.74 3.82 0.00	57.42 3.20 0.00	52.61 2.84 0.00	49.21 2.89 -1.86	45.51 2.70 0.00	40.33 2.32 0.00
LONG_LAKE_PHOENIX 24014	44.96 -0.96 0.00	38.71 -0.91 0.00	35.76 -0.77 0.00	33.68 -0.76 0.00	32.32 -0.69 0.00	32.50 -0.73 0.00	33.50 -0.72 0.00	33.46 -0.68 0.00	31.68 -0.61 0.00	30.85 -0.63 0.00	31.26 -0.70 0.00	32.37 -0.69 0.00	32.88 -0.84 0.00	33.62 -0.90 0.00	36.38 -0.97 0.00	37.55 -1.04 0.00	43.62 -1.16 -0.01	46.43 -1.04 0.00	57.39 -1.10 -0.57	53.60 -0.92 -0.30	48.83 -0.95 0.00	44.21 -0.93 -0.69	41.96 -0.86 0.00	37.18 -0.84 -0.01
LOVETT___3 23632	47.53 1.61 0.00	41.05 1.43 0.00	37.66 1.13 0.00	35.51 1.07 0.00	33.84 0.83 0.00	34.09 0.86 0.00	35.18 0.96 0.00	35.17 1.02 0.00	33.30 1.00 0.00	32.61 1.13 0.00	33.27 1.31 0.00	34.46 1.39 0.00	35.30 1.58 0.00	36.24 1.73 0.00	39.22 1.87 0.00	40.59 2.01 0.00	47.16 2.37 0.00	49.61 2.14 0.00	60.18 2.26 0.00	56.18 1.95 0.00	51.41 1.64 0.00	46.10 1.64 0.00	44.31 1.50 0.00	39.30 1.29 0.00
LOVETT___4 23642	47.53 1.61 0.00	41.05 1.43 0.00	37.66 1.13 0.00	35.51 1.07 0.00	33.84 0.83 0.00	34.09 0.86 0.00	35.18 0.96 0.00	35.17 1.02 0.00	33.30 1.00 0.00	32.61 1.13 0.00	33.27 1.31 0.00	34.46 1.39 0.00	35.30 1.58 0.00	36.24 1.73 0.00	39.22 1.87 0.00	40.59 2.01 0.00	47.16 2.37 0.00	49.61 2.14 0.00	60.18 2.26 0.00	56.18 1.95 0.00	51.41 1.64 0.00	46.10 1.64 0.00	44.31 1.50 0.00	39.30 1.29 0.00
LOVETT___5 23593	47.53 1.61 0.00	41.05 1.43 0.00	37.66 1.13 0.00	35.51 1.07 0.00	33.84 0.83 0.00	34.09 0.86 0.00	35.18 0.96 0.00	35.17 1.02 0.00	33.30 1.00 0.00	32.61 1.13 0.00	33.27 1.31 0.00	34.46 1.39 0.00	35.30 1.58 0.00	36.24 1.73 0.00	39.22 1.87 0.00	40.59 2.01 0.00	47.16 2.37 0.00	49.61 2.14 0.00	60.18 2.26 0.00	56.18 1.95 0.00	51.41 1.64 0.00	46.10 1.64 0.00	44.31 1.50 0.00	39.30 1.29 0.00
LOWER RAQUET___HYD 24057	46.56 0.64 0.00	40.17 0.55 0.00	37.04 0.51 0.00	34.92 0.48 0.00	33.41 0.40 0.00	33.76 0.53 0.00	34.70 0.48 0.00	34.45 0.31 0.00	32.56 0.26 0.00	31.73 0.25 0.00	32.22 0.25 0.00	33.30 0.23 0.00	33.99 0.27 0.00	34.83 0.31 0.00	37.65 0.30 0.00	38.82 0.23 0.00	45.14 0.36 0.00	47.90 0.43 0.00	58.61 0.64 -0.05	54.85 0.60 -0.02	50.62 0.85 0.00	45.12 0.67 0.00	43.41 0.60 0.00	38.62 0.61 0.00

LOWER___HUDSON 24059	46.70 0.78 0.00	40.45 0.83 0.00	37.26 0.73 0.00	35.23 0.79 0.00	33.77 0.76 0.00	33.99 0.76 0.00	34.94 0.72 0.00	34.76 0.62 0.00	32.81 0.52 0.00	31.98 0.50 0.00	32.47 0.51 0.00	33.47 0.40 0.00	34.19 0.47 0.00	34.96 0.45 0.00	37.88 0.52 0.00	39.32 0.73 0.00	45.50 0.71 0.00	48.37 0.90 0.00	59.02 1.10 0.00	55.25 1.03 0.00	50.72 0.94 0.00	45.48 1.02 0.00	43.71 0.90 0.00	38.89 0.87 0.00
LOWVILLE_115KV_TB2 356335	47.21 1.29 0.00	40.73 1.11 0.00	37.48 0.95 0.00	35.16 0.72 0.00	33.70 0.69 0.00	34.02 0.80 0.00	35.18 0.96 0.00	34.86 0.72 0.00	32.65 0.36 0.00	31.79 0.31 0.00	32.16 0.19 0.00	33.13 0.07 0.00	33.72 0.00 0.00	34.48 -0.03 0.00	37.35 0.00 0.00	38.59 0.00 0.00	45.01 0.22 0.00	48.19 0.71 0.00	59.49 1.45 -0.12	55.69 1.41 -0.05	51.17 1.39 0.00	45.65 1.20 0.00	44.10 1.28 0.00	39.08 1.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.34 1.42 0.00	40.93 1.31 0.00	37.70 1.17 0.00	35.61 1.17 0.00	34.07 1.06 0.00	34.32 1.10 0.00	35.25 1.03 0.00	35.07 0.92 0.00	33.01 0.71 0.00	32.08 0.60 0.00	32.57 0.61 0.00	33.50 0.43 0.00	34.26 0.54 0.00	34.97 0.45 0.00	37.92 0.56 0.00	39.32 0.73 0.00	45.63 0.85 0.00	48.66 1.19 0.00	59.77 1.85 0.00	56.07 1.84 0.00	51.51 1.74 0.00	46.10 1.64 0.00	44.35 1.54 0.00	39.42 1.41 0.00
LUTHERNY_35_KV_BK2 355980	47.39 1.47 0.00	40.97 1.35 0.00	37.73 1.21 0.00	35.61 1.17 0.00	34.10 1.09 0.00	34.32 1.10 0.00	35.28 1.06 0.00	35.07 0.92 0.00	33.01 0.71 0.00	32.08 0.60 0.00	32.57 0.61 0.00	33.53 0.46 0.00	34.29 0.57 0.00	34.97 0.45 0.00	37.95 0.60 0.00	39.32 0.73 0.00	45.63 0.85 0.00	48.71 1.23 0.00	59.83 1.91 0.00	56.12 1.90 0.00	51.56 1.79 0.00	46.14 1.69 0.00	44.40 1.58 0.00	39.42 1.41 0.00
LWR___OSWEGATCHIE_HYD 23850	46.84 0.92 0.00	40.41 0.79 0.00	37.22 0.69 0.00	34.99 0.55 0.00	33.51 0.50 0.00	33.86 0.63 0.00	34.90 0.68 0.00	34.59 0.44 0.00	32.52 0.23 0.00	31.70 0.22 0.00	32.12 0.16 0.00	33.13 0.07 0.00	33.75 0.03 0.00	34.52 0.00 0.00	37.32 -0.04 0.00	38.55 -0.04 0.00	44.92 0.13 0.00	48.00 0.52 0.00	59.06 1.04 -0.10	55.25 0.98 -0.05	50.87 1.09 0.00	45.39 0.93 0.00	43.75 0.94 0.00	38.81 0.80 0.00
LYONS_FALL_HYD 23570	47.02 1.10 0.00	40.57 0.95 0.00	37.33 0.80 0.00	35.06 0.62 0.00	33.60 0.59 0.00	33.93 0.70 0.00	35.04 0.82 0.00	34.76 0.62 0.00	32.62 0.32 0.00	31.76 0.28 0.00	32.19 0.23 0.00	33.23 0.17 0.00	33.82 0.10 0.00	34.62 0.10 0.00	37.47 0.11 0.00	38.70 0.12 0.00	45.05 0.27 0.00	48.14 0.66 0.00	59.28 1.27 -0.09	55.56 1.30 -0.04	50.96 1.19 0.00	45.52 1.07 0.00	43.88 1.07 0.00	38.89 0.87 0.00
MADISON___COUNTY_LFGE 323628	46.84 0.92 0.00	40.41 0.79 0.00	37.19 0.66 0.00	34.99 0.55 0.00	33.57 0.56 0.00	33.79 0.56 0.00	34.90 0.68 0.00	34.72 0.58 0.00	32.65 0.36 0.00	31.79 0.31 0.00	32.19 0.22 0.00	33.36 0.30 0.00	33.99 0.27 0.00	34.76 0.24 0.00	37.65 0.30 0.00	38.86 0.27 0.00	45.18 0.40 0.00	48.19 0.71 0.00	59.23 1.22 -0.10	55.50 1.25 -0.03	50.87 1.09 0.00	45.13 0.89 0.21	43.63 0.81 0.00	38.69 0.68 0.00
MALONE___115KV_TB1 356076	46.93 1.01 0.00	40.37 0.75 0.00	37.29 0.77 0.00	35.23 0.79 0.00	33.74 0.73 0.00	34.06 0.83 0.00	34.97 0.75 0.00	34.86 0.72 0.00	33.11 0.81 0.00	32.20 0.72 0.00	32.67 0.70 0.00	33.83 0.76 0.00	34.56 0.84 0.00	35.35 0.83 0.00	38.14 0.78 0.00	39.36 0.77 0.00	45.72 0.94 0.00	48.57 1.09 0.00	59.37 1.45 0.00	55.58 1.36 0.00	51.22 1.44 0.00	45.56 1.11 0.00	43.75 0.94 0.00	38.89 0.87 0.00
MAPLEWOD_115KV_TB3 80458	46.52 0.60 0.00	40.29 0.67 0.00	37.11 0.58 0.00	35.06 0.62 0.00	33.57 0.56 0.00	33.83 0.60 0.00	34.77 0.55 0.00	34.62 0.48 0.00	32.69 0.39 0.00	31.83 0.35 0.00	32.41 0.45 0.00	33.36 0.30 0.00	34.12 0.40 0.00	34.90 0.38 0.00	37.84 0.49 0.00	39.21 0.62 0.00	45.41 0.63 0.00	48.19 0.71 0.00	58.79 0.87 0.00	55.09 0.87 0.00	50.52 0.75 0.00	45.25 0.80 0.00	43.54 0.73 0.00	38.73 0.72 0.00
MAPLE_RIDGE_WT_1 323574	45.83 -0.09 0.00	39.54 -0.08 0.00	36.45 -0.07 0.00	34.37 -0.07 0.00	32.94 -0.07 0.00	33.16 -0.07 0.00	34.15 -0.07 0.00	34.08 -0.07 0.00	32.27 -0.03 0.00	31.42 -0.06 0.00	31.90 -0.06 0.00	33.00 -0.07 0.00	33.62 -0.10 0.00	34.41 -0.10 0.00	37.21 -0.15 0.00	38.40 -0.19 0.00	44.52 -0.27 0.00	47.19 -0.28 0.00	57.52 -0.40 0.00	53.79 -0.44 0.00	49.37 -0.40 0.00	44.10 -0.36 0.00	42.51 -0.30 0.00	37.82 -0.19 0.00
MAPLE_RIDGE_WT_2 323611	45.83 -0.09 0.00	39.54 -0.08 0.00	36.45 -0.07 0.00	34.37 -0.07 0.00	32.94 -0.07 0.00	33.16 -0.07 0.00	34.15 -0.07 0.00	34.08 -0.07 0.00	32.27 -0.03 0.00	31.42 -0.06 0.00	31.90 -0.06 0.00	33.00 -0.07 0.00	33.62 -0.10 0.00	34.41 -0.10 0.00	37.21 -0.15 0.00	38.40 -0.19 0.00	44.52 -0.27 0.00	47.19 -0.28 0.00	57.52 -0.40 0.00	53.79 -0.44 0.00	49.37 -0.40 0.00	44.10 -0.36 0.00	42.51 -0.30 0.00	37.82 -0.19 0.00
MARBLE_RIVER_WT_PWR 323696	46.29 0.37 0.00	39.93 0.32 0.00	36.86 0.33 0.00	34.78 0.34 0.00	33.34 0.33 0.00	33.59 0.37 0.00	34.53 0.31 0.00	34.42 0.27 0.00	32.59 0.29 0.00	31.76 0.28 0.00	32.22 0.25 0.00	33.33 0.26 0.00	34.02 0.30 0.00	34.83 0.31 0.00	37.65 0.30 0.00	38.82 0.23 0.00	45.05 0.27 0.00	47.71 0.24 0.00	58.27 0.35 0.00	54.55 0.33 0.00	50.22 0.45 0.00	44.77 0.31 0.00	43.07 0.26 0.00	38.32 0.30 0.00
MARSHVLE_115KV_TB1 80742	49.00 3.08 0.00	42.23 2.61 0.00	38.87 2.34 0.00	36.64 2.20 0.00	35.09 2.08 0.00	35.32 2.09 0.00	36.31 2.09 0.00	35.71 1.57 0.00	32.91 0.61 0.00	31.57 0.09 0.00	32.06 0.10 0.00	33.10 0.03 0.00	33.89 0.17 0.00	34.79 0.28 0.00	37.80 0.45 0.00	39.24 0.66 0.00	45.99 1.21 0.00	49.85 2.37 0.00	62.09 4.17 0.00	58.45 4.23 0.00	53.50 3.73 0.00	47.79 3.33 0.00	45.94 3.13 0.00	40.71 2.70 0.00
MARSH_HILL_WT_PWR 323713	45.69 -0.23 0.00	38.83 -0.79 0.00	35.65 -0.88 0.00	33.51 -0.93 0.00	32.35 -0.66 0.00	32.46 -0.76 0.00	33.54 -0.68 0.00	33.74 -0.41 0.00	31.91 -0.39 0.00	30.72 -0.76 0.00	30.91 -1.05 0.00	32.18 -0.89 0.00	32.84 -0.88 0.00	33.62 -0.90 0.00	36.42 -0.93 0.00	37.43 -1.16 0.00	43.43 -1.34 0.01	46.38 -1.09 0.00	57.47 -0.52 -0.07	54.49 0.27 0.01	49.77 0.00 0.00	43.45 -0.40 0.61	42.56 -0.26 0.00	37.44 -0.57 0.01
MCINTYRE_115KV_TB2 80467	47.30 1.38 0.00	40.81 1.19 0.00	37.62 1.10 0.00	35.44 1.00 0.00	33.90 0.89 0.00	34.26 1.03 0.00	35.25 1.03 0.00	34.93 0.79 0.00	32.88 0.58 0.00	31.95 0.47 0.00	32.41 0.45 0.00	33.50 0.43 0.00	34.22 0.51 0.00	35.03 0.52 0.00	37.84 0.49 0.00	39.13 0.54 0.00	45.59 0.81 0.00	48.47 1.00 0.00	59.43 1.51 0.00	55.63 1.41 0.00	51.46 1.69 0.00	45.88 1.42 0.00	44.10 1.28 0.00	39.19 1.18 0.00

MECO____69_KV_BK1 80468	48.86 2.94 0.00	42.15 2.54 0.00	38.76 2.23 0.00	36.57 2.14 0.00	34.99 1.98 0.00	35.22 1.99 0.00	36.20 1.98 0.00	35.68 1.54 0.00	32.91 0.61 0.00	31.60 0.13 0.00	32.06 0.10 0.00	33.10 0.03 0.00	33.89 0.17 0.00	34.72 0.21 0.00	37.73 0.37 0.00	39.17 0.58 0.00	45.90 1.12 0.00	49.75 2.28 0.00	61.92 4.00 0.00	58.29 4.07 0.00	53.41 3.63 0.00	47.70 3.25 0.00	45.85 3.04 0.00	40.64 2.62 0.00
MENANDS__115KV_TB5 355628	46.20 0.28 0.00	40.05 0.44 0.00	36.89 0.37 0.00	34.85 0.41 0.00	33.37 0.36 0.00	33.63 0.40 0.00	34.56 0.34 0.00	34.42 0.27 0.00	32.52 0.23 0.00	31.70 0.22 0.00	32.28 0.32 0.00	33.23 0.17 0.00	33.99 0.27 0.00	34.76 0.24 0.00	37.69 0.34 0.00	39.05 0.46 0.00	45.19 0.40 0.00	47.85 0.38 0.00	58.33 0.41 0.00	54.60 0.38 0.00	50.07 0.30 0.00	44.90 0.44 0.00	43.20 0.39 0.00	38.47 0.46 0.00
MG INDUSTRY__DRP 24185	46.52 0.60 0.00	40.29 0.67 0.00	37.08 0.55 0.00	35.02 0.59 0.00	33.54 0.53 0.00	33.76 0.53 0.00	34.66 0.44 0.00	34.49 0.34 0.00	32.46 0.16 0.00	31.60 0.13 0.00	32.19 0.22 0.00	33.17 0.10 0.00	33.89 0.17 0.00	34.69 0.17 0.00	37.62 0.26 0.00	38.94 0.35 0.00	45.19 0.40 0.00	48.00 0.52 0.00	58.62 0.70 0.00	54.93 0.70 0.00	50.37 0.60 0.00	45.08 0.62 0.00	43.45 0.64 0.00	38.66 0.65 0.00
MID____OSWEGATCHIE_HYD 23849	46.84 0.92 0.00	40.41 0.79 0.00	37.22 0.69 0.00	34.99 0.55 0.00	33.51 0.50 0.00	33.86 0.63 0.00	34.90 0.68 0.00	34.59 0.44 0.00	32.52 0.23 0.00	31.70 0.22 0.00	32.12 0.16 0.00	33.13 0.07 0.00	33.75 0.03 0.00	34.52 0.00 0.00	37.32 -0.04 0.00	38.55 -0.04 0.00	44.92 0.13 0.00	48.00 0.52 0.00	59.06 1.04 -0.10	55.25 0.98 -0.05	50.87 1.09 0.00	45.39 0.93 0.00	43.75 0.94 0.00	38.81 0.80 0.00
MID____RAQUETTE_HYD 23851	46.56 0.64 0.00	40.17 0.55 0.00	37.04 0.51 0.00	34.92 0.48 0.00	33.41 0.40 0.00	33.76 0.53 0.00	34.70 0.48 0.00	34.45 0.31 0.00	32.56 0.26 0.00	31.73 0.25 0.00	32.22 0.26 0.00	33.30 0.23 0.00	34.02 0.30 0.00	34.83 0.31 0.00	37.58 0.22 0.00	38.86 0.27 0.00	45.14 0.36 0.00	47.90 0.43 0.00	58.61 0.64 -0.05	54.79 0.54 -0.02	50.62 0.85 0.00	45.12 0.67 0.00	43.41 0.60 0.00	38.62 0.61 0.00
MILLIKEN__1 23584	46.43 0.51 0.00	39.90 0.28 0.00	36.75 0.22 0.00	34.54 0.10 0.00	33.21 0.20 0.00	33.36 0.13 0.00	34.39 0.17 0.00	34.35 0.20 0.00	32.43 0.13 0.00	31.51 0.03 0.00	31.87 -0.10 0.00	33.10 0.03 0.00	33.68 -0.03 0.00	34.48 -0.03 0.00	37.35 0.00 0.00	38.55 -0.04 0.00	44.87 0.09 0.00	47.85 0.38 0.00	58.99 0.87 -0.20	55.39 1.08 -0.08	50.57 0.80 0.00	44.78 0.53 0.20	43.33 0.51 0.00	38.35 0.34 0.00
MILLIKEN__2 23585	46.43 0.51 0.00	39.90 0.28 0.00	36.75 0.22 0.00	34.54 0.10 0.00	33.21 0.20 0.00	33.36 0.13 0.00	34.39 0.17 0.00	34.35 0.20 0.00	32.43 0.13 0.00	31.51 0.03 0.00	31.87 -0.10 0.00	33.10 0.03 0.00	33.68 -0.03 0.00	34.48 -0.03 0.00	37.35 0.00 0.00	38.55 -0.04 0.00	44.87 0.09 0.00	47.85 0.38 0.00	58.99 0.87 -0.20	55.39 1.08 -0.08	50.57 0.80 0.00	44.78 0.53 0.20	43.33 0.51 0.00	38.35 0.34 0.00
MILLIKEN__DIESEL 23629	46.43 0.51 0.00	39.90 0.28 0.00	36.75 0.22 0.00	34.54 0.10 0.00	33.21 0.20 0.00	33.36 0.13 0.00	34.39 0.17 0.00	34.35 0.20 0.00	32.43 0.13 0.00	31.51 0.03 0.00	31.87 -0.10 0.00	33.10 0.03 0.00	33.68 -0.03 0.00	34.48 -0.03 0.00	37.35 0.00 0.00	38.55 -0.04 0.00	44.87 0.09 0.00	47.85 0.38 0.00	58.99 0.87 -0.20	55.39 1.08 -0.08	50.57 0.80 0.00	44.78 0.53 0.20	43.33 0.51 0.00	38.35 0.34 0.00
MILLSEAT____LFGE 323607	45.37 -0.55 0.00	38.27 -1.35 0.00	35.14 -1.39 0.00	32.96 -1.48 0.00	31.95 -1.06 0.00	32.13 -1.10 0.00	33.16 -1.06 0.00	33.56 -0.58 0.00	32.23 -0.06 0.00	30.82 -0.66 0.00	31.07 -0.89 0.00	32.34 -0.73 0.00	32.94 -0.77 0.00	33.76 -0.76 0.00	36.61 -0.75 0.00	37.47 -1.12 0.00	43.43 -1.34 0.01	46.43 -1.04 0.00	56.18 -1.74 0.00	52.76 -1.41 0.06	48.33 -1.44 0.00	41.78 -1.73 0.94	41.48 -1.33 0.00	36.37 -1.63 0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.67 1.74 0.00	41.20 1.58 0.00	37.77 1.24 0.00	35.61 1.17 0.00	33.93 0.92 0.00	34.19 0.96 0.00	35.32 1.10 0.00	35.31 1.16 0.00	33.43 1.13 0.00	32.71 1.23 0.00	33.40 1.44 0.00	34.55 1.49 0.00	35.40 1.69 0.00	36.35 1.83 0.00	39.33 1.98 0.00	40.71 2.12 0.00	47.29 2.51 0.00	49.75 2.28 0.00	60.35 2.43 0.00	56.28 2.06 0.00	51.56 1.79 0.00	46.23 1.78 0.00	44.44 1.63 0.00	39.42 1.41 0.00
MILLWOOD_13_KV_LOAD 356217	47.80 1.88 0.00	41.28 1.66 0.00	37.84 1.31 0.00	35.68 1.24 0.00	34.00 0.99 0.00	34.26 1.03 0.00	35.38 1.16 0.00	35.37 1.23 0.00	33.49 1.20 0.00	32.77 1.29 0.00	33.43 1.47 0.00	34.59 1.52 0.00	35.44 1.72 0.00	36.42 1.90 0.00	39.41 2.05 0.00	40.79 2.20 0.00	47.38 2.60 0.00	49.90 2.42 0.00	60.53 2.61 0.00	56.45 2.22 0.00	51.71 1.94 0.00	46.32 1.87 0.00	44.57 1.76 0.00	39.53 1.52 0.00
MODEL_CITY_ENERGY 24167	43.35 -2.57 0.00	36.57 -3.05 0.00	33.60 -2.92 0.00	31.55 -2.89 0.00	30.60 -2.41 0.00	30.70 -2.53 0.00	31.72 -2.50 0.00	32.03 -2.12 0.00	31.04 -1.26 0.00	29.59 -1.89 0.00	29.82 -2.14 0.00	31.05 -2.02 0.00	31.63 -2.09 0.00	32.41 -2.11 0.00	35.19 -2.17 0.00	36.00 -2.59 0.00	41.41 -3.36 0.01	44.05 -3.42 0.00	54.16 -3.76 0.00	50.92 -3.25 0.06	46.64 -3.13 0.00	40.38 -3.16 0.91	40.16 -2.65 0.00	35.11 -2.89 0.01
MODERN_LFGE__ 323580	43.35 -2.57 0.00	36.57 -3.05 0.00	33.60 -2.92 0.00	31.55 -2.89 0.00	30.60 -2.41 0.00	30.70 -2.53 0.00	31.72 -2.50 0.00	32.03 -2.12 0.00	31.04 -1.26 0.00	29.59 -1.89 0.00	29.82 -2.14 0.00	31.05 -2.02 0.00	31.63 -2.09 0.00	32.41 -2.11 0.00	35.19 -2.17 0.00	36.00 -2.59 0.00	41.41 -3.36 0.01	44.05 -3.42 0.00	54.16 -3.76 0.00	50.92 -3.25 0.06	46.64 -3.13 0.00	40.38 -3.16 0.91	40.16 -2.65 0.00	35.11 -2.89 0.01
MOHAWK_PAPER__DRP 24187	46.52 0.60 0.00	40.29 0.67 0.00	37.11 0.58 0.00	35.06 0.62 0.00	33.57 0.56 0.00	33.83 0.60 0.00	34.77 0.55 0.00	34.62 0.48 0.00	32.69 0.39 0.00	31.83 0.35 0.00	32.41 0.45 0.00	33.36 0.30 0.00	34.12 0.40 0.00	34.90 0.38 0.00	37.84 0.49 0.00	39.21 0.62 0.00	45.41 0.63 0.00	48.19 0.71 0.00	58.79 0.87 0.00	55.09 0.87 0.00	50.52 0.75 0.00	45.25 0.80 0.00	43.54 0.73 0.00	38.73 0.72 0.00
MOHICAN__35_KV_115KV_LD 80490	47.62 1.70 0.00	41.16 1.55 0.00	37.92 1.39 0.00	35.82 1.38 0.00	34.26 1.25 0.00	34.49 1.26 0.00	35.42 1.20 0.00	35.20 1.06 0.00	33.04 0.74 0.00	32.08 0.60 0.00	32.44 0.48 0.00	33.36 0.30 0.00	34.12 0.40 0.00	34.65 0.14 0.00	37.62 0.26 0.00	39.01 0.42 0.00	45.32 0.54 0.00	48.57 1.09 0.00	60.12 2.20 0.00	56.45 2.22 0.00	51.96 2.19 0.00	46.50 2.04 0.00	44.74 1.93 0.00	39.72 1.71 0.00

MONGAUP___HYD 23641	47.57 1.65 0.00	41.09 1.47 0.00	37.73 1.20 0.00	35.54 1.10 0.00	33.93 0.92 0.00	34.12 0.90 0.00	35.18 0.96 0.00	35.03 0.89 0.00	33.01 0.71 0.00	32.20 0.72 0.00	32.76 0.80 0.00	33.89 0.83 0.00	34.73 1.01 0.00	35.65 1.14 0.00	38.63 1.27 0.00	40.05 1.47 0.00	46.84 2.06 0.00	49.56 2.09 0.00	60.41 2.49 0.00	56.45 2.22 0.00	51.66 1.89 0.00	46.14 1.69 0.00	44.35 1.54 0.00	39.34 1.33 0.00
MONTAUK___DIESEL 23721	49.64 3.72 0.00	43.26 3.64 0.00	39.52 3.00 0.00	37.13 2.69 0.00	35.22 2.21 0.00	35.65 2.43 0.00	36.44 2.22 0.00	36.71 2.56 0.00	34.88 2.58 0.00	34.66 3.18 0.00	38.28 3.20 -3.12	41.05 3.41 -4.57	42.66 3.68 -5.26	48.21 3.69 -10.00	50.74 3.92 -9.46	51.94 4.24 -9.11	54.61 5.33 -4.50	63.80 5.27 -11.05	63.71 5.79 0.00	58.83 4.61 0.00	53.26 3.48 0.00	49.61 3.29 -1.86	46.02 3.21 0.00	40.83 2.81 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.91 -1.01 0.00	37.92 -1.70 0.00	34.81 -1.72 0.00	32.68 -1.76 0.00	31.66 -1.35 0.00	31.80 -1.43 0.00	32.99 -1.23 0.00	33.29 -0.85 0.00	31.81 -0.48 0.00	30.88 -0.60 0.00	30.84 -1.12 0.00	32.44 -0.63 0.00	33.08 -0.64 0.00	33.89 -0.62 0.00	36.76 -0.60 0.00	37.66 -0.93 0.00	43.34 -1.43 0.01	46.14 -1.33 0.00	56.76 -1.16 0.00	53.63 -0.54 0.05	48.53 -1.24 0.00	42.10 -1.56 0.80	41.14 -1.67 0.00	36.29 -1.71 0.01
MORRIS RIDGE___SOLAR 323848	44.77 -1.15 0.00	37.99 -1.63 0.00	34.92 -1.61 0.00	32.79 -1.65 0.00	31.69 -1.32 0.00	31.83 -1.39 0.00	32.85 -1.37 0.00	33.09 -1.06 0.00	31.33 -0.97 0.00	30.13 -1.35 0.00	30.33 -1.63 0.00	31.58 -1.49 0.00	32.24 -1.48 0.00	33.00 -1.52 0.00	35.75 -1.61 0.00	36.70 -1.89 0.00	42.49 -2.28 0.01	45.39 -2.09 0.00	56.18 -1.80 -0.05	53.28 -0.92 0.02	48.68 -1.10 0.00	42.39 -1.38 0.69	41.66 -1.15 0.00	36.64 -1.37 0.01
MORTIMER_115KV_TB3 55949	45.00 -0.92 0.00	38.19 -1.43 0.00	35.18 -1.35 0.00	33.03 -1.41 0.00	31.92 -1.09 0.00	32.06 -1.16 0.00	33.12 -1.10 0.00	33.43 -0.72 0.00	31.91 -0.39 0.00	30.91 -0.57 0.00	31.07 -0.89 0.00	32.44 -0.63 0.00	33.01 -0.71 0.00	33.79 -0.72 0.00	36.61 -0.75 0.00	37.55 -1.04 0.00	43.56 -1.21 0.01	46.43 -1.04 0.00	57.05 -0.87 0.00	53.62 -0.54 0.06	49.03 -0.75 0.00	42.54 -0.93 0.98	42.00 -0.81 0.00	37.05 -0.95 0.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.08 2.16 0.00	41.52 1.90 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.69 1.73 0.00	34.85 1.79 0.00	35.74 2.02 0.00	36.69 2.17 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.69 2.91 0.00	49.99 2.52 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.71 1.94 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.72 1.71 0.00
MUNSVILLE_WIND_PWR 323609	48.77 2.85 0.00	42.00 2.38 0.00	38.50 1.97 0.00	36.06 1.62 0.00	34.59 1.58 0.00	34.92 1.69 0.00	36.10 1.88 0.00	35.75 1.61 0.00	33.30 1.00 0.00	32.30 0.82 0.00	32.57 0.61 0.00	33.96 0.89 0.00	34.70 0.98 0.00	35.48 0.97 0.00	38.40 1.04 0.00	39.51 0.92 0.00	46.17 1.39 0.00	49.66 2.19 0.00	61.71 3.65 -0.13	57.96 3.69 -0.05	53.06 3.28 0.00	46.99 2.76 0.22	45.34 2.53 0.00	40.10 2.09 0.00
N SALMON___HYD 24042	46.93 1.01 0.00	40.37 0.75 0.00	37.30 0.77 0.00	35.20 0.76 0.00	33.74 0.73 0.00	34.06 0.83 0.00	34.97 0.75 0.00	34.86 0.72 0.00	33.11 0.81 0.00	32.20 0.72 0.00	32.67 0.70 0.00	33.83 0.76 0.00	34.56 0.84 0.00	35.34 0.83 0.00	38.25 0.90 0.00	39.36 0.77 0.00	45.72 0.94 0.00	48.57 1.09 0.00	59.37 1.45 0.00	55.63 1.41 0.00	51.26 1.49 0.00	45.56 1.11 0.00	43.75 0.94 0.00	38.89 0.87 0.00
N.AKRON___115KV_KNAPP 355671	44.50 -1.42 0.00	37.68 -1.94 0.00	34.59 -1.94 0.00	32.44 -2.00 0.00	31.33 -1.68 0.00	31.43 -1.79 0.00	32.75 -1.47 0.00	33.05 -1.09 0.00	31.65 -0.65 0.00	30.53 -0.94 0.00	30.43 -1.53 0.00	31.91 -1.16 0.00	32.50 -1.21 0.00	33.31 -1.21 0.00	36.12 -1.23 0.00	36.97 -1.62 0.00	42.80 -1.97 0.01	45.67 -1.80 0.00	56.01 -1.91 0.00	52.81 -1.36 0.06	48.18 -1.59 0.00	41.70 -1.82 0.93	41.23 -1.58 0.00	36.26 -1.75 0.01
N.BELMOR_69_KV_BK1 55787	48.77 2.85 0.00	42.19 2.58 0.00	38.65 2.12 0.00	36.37 1.93 0.00	34.56 1.55 0.00	34.89 1.66 0.00	35.83 1.61 0.00	35.89 1.74 0.00	34.07 1.78 0.00	33.59 2.11 0.00	37.29 2.21 -3.12	39.92 2.28 -4.57	41.48 2.50 -5.26	47.18 2.66 -10.00	49.73 2.91 -9.46	50.75 3.05 -9.11	52.87 3.58 -4.50	61.94 3.42 -11.05	61.74 3.82 0.00	57.32 3.09 0.00	52.56 2.79 0.00	49.12 2.80 -1.86	45.51 2.70 0.00	40.37 2.36 0.00
N.E._GEN_SANDY PD 24062	46.70 0.78 0.00	40.45 0.83 0.00	37.22 0.69 0.00	35.20 0.76 0.00	33.77 0.76 0.00	33.99 0.76 0.00	34.94 0.72 0.00	34.79 0.65 0.00	32.91 0.61 0.00	32.17 0.69 0.00	32.70 0.74 0.00	33.66 0.60 0.00	34.46 0.74 0.00	35.24 0.73 0.00	38.25 0.90 0.00	39.67 1.08 0.00	45.90 1.12 0.00	48.61 1.14 0.00	58.96 1.04 0.00	55.15 0.92 0.00	50.62 0.85 0.00	45.43 0.98 0.00	43.67 0.86 0.00	38.81 0.80 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.57 1.65 0.00	41.12 1.51 0.00	37.70 1.17 0.00	35.54 1.10 0.00	33.87 0.86 0.00	34.12 0.90 0.00	35.21 0.99 0.00	35.20 1.06 0.00	33.33 1.03 0.00	32.61 1.13 0.00	33.27 1.31 0.00	34.46 1.39 0.00	35.30 1.58 0.00	36.28 1.76 0.00	39.26 1.91 0.00	40.63 2.05 0.00	47.25 2.46 0.00	49.71 2.23 0.00	60.35 2.43 0.00	56.28 2.06 0.00	51.56 1.79 0.00	46.14 1.69 0.00	44.40 1.58 0.00	39.38 1.37 0.00
N.QUEENS_27_KV_LOAD 356247	48.40 2.48 0.00	41.68 2.06 0.00	38.13 1.61 0.00	35.92 1.48 0.00	34.13 1.12 0.00	34.19 0.96 0.00	35.32 1.10 0.00	35.34 1.20 0.00	33.56 1.26 0.00	32.86 1.39 0.00	33.56 1.60 0.00	34.72 1.65 0.00	35.61 1.89 0.00	36.59 2.07 0.00	39.56 2.20 0.00	40.90 2.32 0.00	47.60 2.82 0.00	49.80 2.33 0.00	60.18 2.26 0.00	55.96 1.74 0.00	51.46 1.69 0.00	46.23 1.78 0.00	44.57 1.76 0.00	39.76 1.75 0.00
N.TROY___115KV_TB1 355778	46.70 0.78 0.00	40.45 0.83 0.00	37.26 0.73 0.00	35.23 0.79 0.00	33.70 0.69 0.00	33.99 0.76 0.00	34.90 0.68 0.00	34.76 0.61 0.00	32.85 0.55 0.00	31.98 0.50 0.00	32.54 0.58 0.00	33.46 0.40 0.00	34.19 0.47 0.00	34.97 0.45 0.00	37.92 0.56 0.00	39.32 0.73 0.00	45.54 0.76 0.00	48.38 0.90 0.00	59.02 1.10 0.00	55.31 1.08 0.00	50.72 0.95 0.00	45.48 1.02 0.00	43.75 0.94 0.00	38.89 0.87 0.00
NARROWS_GT1_1 24228	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.33 1.32 0.00	34.42 1.19 0.00	35.59 1.37 0.00	35.54 1.40 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.84 2.13 0.00	36.83 2.31 0.00	39.78 2.43 0.00	41.17 2.59 0.00	48.14 3.36 0.00	50.18 2.70 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.76 2.31 0.00	44.99 2.18 0.00	39.99 1.98 0.00

NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.11 1.19 0.00	40.81 1.19 0.00	37.55 1.02 0.00	35.44 1.00 0.00	33.90 0.89 0.00	34.09 0.86 0.00	34.94 0.72 0.00	34.66 0.51 0.00	32.46 0.16 0.00	31.51 0.03 0.00	32.06 0.10 0.00	33.00 -0.07 0.00	33.75 0.03 0.00	34.55 0.03 0.00	37.54 0.19 0.00	39.01 0.42 0.00	45.50 0.72 0.00	48.52 1.04 0.00	59.54 1.62 0.00	55.74 1.52 0.00	51.12 1.34 0.00	45.65 1.20 0.00	44.01 1.20 0.00	39.15 1.14 0.00
NCHELSEA_115KV_TR2 355582	47.80 1.88 0.00	41.28 1.66 0.00	37.88 1.35 0.00	35.71 1.27 0.00	34.03 1.02 0.00	34.29 1.06 0.00	35.32 1.10 0.00	35.24 1.09 0.00	33.27 0.97 0.00	32.52 1.04 0.00	33.18 1.21 0.00	34.29 1.22 0.00	35.13 1.42 0.00	36.07 1.55 0.00	39.11 1.76 0.00	40.52 1.93 0.00	47.20 2.42 0.00	49.80 2.33 0.00	60.58 2.66 0.00	56.56 2.33 0.00	51.81 2.04 0.00	46.32 1.87 0.00	44.57 1.76 0.00	39.53 1.52 0.00
NEG CAPITAL___MECHNVIL 23645	47.39 1.47 0.00	41.01 1.39 0.00	37.73 1.20 0.00	35.64 1.20 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.31 1.09 0.00	35.10 0.95 0.00	33.04 0.74 0.00	32.17 0.69 0.00	32.64 0.67 0.00	33.59 0.53 0.00	34.36 0.64 0.00	35.07 0.55 0.00	38.03 0.67 0.00	39.48 0.89 0.00	45.77 0.98 0.00	48.80 1.33 0.00	59.89 1.97 0.00	56.17 1.95 0.00	51.56 1.79 0.00	46.18 1.73 0.00	44.40 1.58 0.00	39.46 1.44 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.50 -1.42 0.00	37.88 -1.74 0.00	34.88 -1.64 0.00	32.75 -1.69 0.00	31.62 -1.39 0.00	31.77 -1.46 0.00	32.78 -1.44 0.00	33.02 -1.13 0.00	31.46 -0.84 0.00	30.53 -0.94 0.00	30.75 -1.21 0.00	32.04 -1.03 0.00	32.61 -1.11 0.00	33.38 -1.14 0.00	36.16 -1.20 0.00	37.08 -1.50 0.00	43.07 -1.70 0.01	45.91 -1.57 0.00	56.36 -1.56 0.00	52.98 -1.19 0.05	48.48 -1.29 0.00	42.16 -1.42 0.87	41.53 -1.28 0.00	36.67 -1.33 0.01
NEG CENTRAL___DRP 24199	45.74 -0.18 0.00	39.18 -0.44 0.00	36.09 -0.44 0.00	33.92 -0.52 0.00	32.65 -0.36 0.00	32.80 -0.43 0.00	33.84 -0.38 0.00	33.91 -0.24 0.00	32.07 -0.23 0.00	31.16 -0.31 0.00	31.45 -0.51 0.00	32.74 -0.33 0.00	33.31 -0.40 0.00	34.10 -0.41 0.00	36.91 -0.45 0.00	38.05 -0.54 0.00	44.24 -0.54 0.00	47.09 -0.38 0.00	57.78 -0.35 -0.20	54.35 0.05 -0.07	49.72 -0.05 0.00	43.98 -0.13 0.33	42.68 -0.13 0.00	37.74 -0.27 0.00
NEG CENTRAL___INDECK 23768	46.65 0.73 0.00	39.54 -0.08 0.00	36.31 -0.22 0.00	34.09 -0.34 0.00	32.94 -0.07 0.00	33.13 -0.10 0.00	34.19 -0.03 0.00	34.49 0.34 0.00	32.65 0.36 0.00	31.35 -0.13 0.00	31.55 -0.42 0.00	32.77 -0.30 0.00	33.38 -0.34 0.00	34.17 -0.35 0.00	37.02 -0.34 0.00	38.09 -0.50 0.00	44.37 -0.40 0.01	47.67 0.19 0.00	59.25 1.33 0.00	55.86 1.68 0.05	51.12 1.34 0.00	44.44 0.75 0.76	43.67 0.86 0.00	38.42 0.42 0.01
NEG CENTRAL___SENECA 23627	45.87 -0.05 0.00	39.18 -0.44 0.00	36.02 -0.51 0.00	33.89 -0.55 0.00	32.65 -0.36 0.00	32.76 -0.47 0.00	33.84 -0.38 0.00	33.94 -0.20 0.00	32.14 -0.16 0.00	31.20 -0.28 0.00	31.42 -0.54 0.00	32.74 -0.33 0.00	33.35 -0.37 0.00	34.14 -0.38 0.00	36.98 -0.37 0.00	38.09 -0.50 0.00	44.28 -0.49 0.01	47.09 -0.38 0.00	57.63 -0.41 -0.11	54.35 0.11 -0.01	49.82 0.05 0.00	43.86 0.00 0.59	42.81 0.00 0.00	37.82 -0.19 0.01
NEG CENTRAL___STATE_STREET 24147	45.78 -0.14 0.00	39.30 -0.32 0.00	36.20 -0.33 0.00	34.09 -0.34 0.00	32.78 -0.23 0.00	32.93 -0.30 0.00	33.98 -0.24 0.00	33.97 -0.17 0.00	32.10 -0.19 0.00	31.23 -0.25 0.00	31.61 -0.35 0.00	32.84 -0.23 0.00	33.38 -0.34 0.00	34.14 -0.38 0.00	36.98 -0.37 0.00	38.13 -0.46 0.00	44.38 -0.40 0.00	47.28 -0.19 0.00	58.31 0.12 -0.27	54.67 0.33 -0.12	49.92 0.15 0.00	44.41 -0.04 0.00	42.77 -0.04 0.00	37.82 -0.19 0.00
NEG MILLWOOD___DRP 24198	47.94 2.02 0.00	41.44 1.82 0.00	38.03 1.50 0.00	35.89 1.45 0.00	34.17 1.16 0.00	34.42 1.20 0.00	35.52 1.30 0.00	35.48 1.33 0.00	33.53 1.23 0.00	32.74 1.26 0.00	33.43 1.47 0.00	34.55 1.49 0.00	35.40 1.69 0.00	36.31 1.79 0.00	39.41 2.05 0.00	40.79 2.20 0.00	47.38 2.60 0.00	50.13 2.66 0.00	60.99 3.07 0.00	56.83 2.60 0.00	52.06 2.29 0.00	46.54 2.09 0.00	44.74 1.93 0.00	39.72 1.71 0.00
NEG NORTH_FLCN_SEA 23793	46.79 0.87 0.00	40.33 0.71 0.00	37.26 0.73 0.00	35.16 0.72 0.00	33.67 0.66 0.00	33.96 0.73 0.00	34.90 0.68 0.00	34.76 0.61 0.00	32.94 0.65 0.00	32.11 0.63 0.00	32.57 0.61 0.00	33.70 0.63 0.00	34.39 0.67 0.00	35.21 0.69 0.00	38.03 0.67 0.00	39.24 0.66 0.00	45.54 0.76 0.00	48.28 0.81 0.00	58.96 1.04 0.00	55.15 0.92 0.00	50.82 1.05 0.00	45.30 0.84 0.00	43.58 0.77 0.00	38.77 0.76 0.00
NEG NORTH_KES_CHATEGAY 23792	46.33 0.41 0.00	39.94 0.32 0.00	36.89 0.37 0.00	34.82 0.38 0.00	33.34 0.33 0.00	33.63 0.40 0.00	34.56 0.34 0.00	34.45 0.31 0.00	32.62 0.32 0.00	31.73 0.25 0.00	32.19 0.22 0.00	33.33 0.26 0.00	33.99 0.27 0.00	34.79 0.28 0.00	37.58 0.22 0.00	38.82 0.23 0.00	45.10 0.31 0.00	47.81 0.33 0.00	58.38 0.46 0.00	54.55 0.33 0.00	50.27 0.50 0.00	44.81 0.36 0.00	43.16 0.34 0.00	38.35 0.34 0.00
NEG NORTH___ALICE_FALLS 23915	46.88 0.96 0.00	40.37 0.75 0.00	37.29 0.77 0.00	35.23 0.79 0.00	33.74 0.73 0.00	34.02 0.80 0.00	34.97 0.75 0.00	34.83 0.68 0.00	33.01 0.71 0.00	32.14 0.66 0.00	32.60 0.64 0.00	33.73 0.66 0.00	34.46 0.74 0.00	35.24 0.72 0.00	38.06 0.71 0.00	39.32 0.73 0.00	45.63 0.85 0.00	48.42 0.95 0.00	59.19 1.27 0.00	55.36 1.14 0.00	51.02 1.24 0.00	45.43 0.98 0.00	43.67 0.86 0.00	38.85 0.84 0.00
NEG NORTH___LWR_SARANAC 23913	46.88 0.96 0.00	40.37 0.75 0.00	37.29 0.77 0.00	35.23 0.79 0.00	33.74 0.73 0.00	34.02 0.80 0.00	34.97 0.75 0.00	34.83 0.68 0.00	33.01 0.71 0.00	32.14 0.66 0.00	32.60 0.64 0.00	33.73 0.66 0.00	34.46 0.74 0.00	35.24 0.72 0.00	38.06 0.71 0.00	39.32 0.73 0.00	45.63 0.85 0.00	48.42 0.95 0.00	59.19 1.27 0.00	55.36 1.14 0.00	51.02 1.24 0.00	45.43 0.98 0.00	43.67 0.86 0.00	38.85 0.84 0.00
NEG NORTH___PLATTSBURG 23628	46.89 0.97 0.00	40.37 0.75 0.00	37.30 0.77 0.00	35.20 0.76 0.00	33.74 0.73 0.00	34.02 0.80 0.00	34.97 0.75 0.00	34.83 0.68 0.00	33.01 0.71 0.00	32.14 0.66 0.00	32.60 0.64 0.00	33.73 0.66 0.00	34.46 0.74 0.00	35.24 0.73 0.00	38.14 0.79 0.00	39.32 0.73 0.00	45.63 0.85 0.00	48.42 0.95 0.00	59.19 1.27 0.00	55.42 1.19 0.00	51.06 1.29 0.00	45.43 0.98 0.00	43.67 0.86 0.00	38.85 0.84 0.00
NEG WEST_LEA_LOCKPORT 23791	43.53 -2.39 0.00	36.85 -2.77 0.00	33.82 -2.70 0.00	31.75 -2.69 0.00	30.63 -2.38 0.00	30.74 -2.49 0.00	32.06 -2.16 0.00	32.37 -1.78 0.00	31.07 -1.23 0.00	30.00 -1.48 0.00	29.88 -2.08 0.00	31.35 -1.72 0.00	31.93 -1.79 0.00	32.72 -1.79 0.00	35.52 -1.83 0.00	36.35 -2.24 0.00	41.86 -2.91 0.01	44.58 -2.90 0.00	54.73 -3.19 0.00	51.67 -2.49 0.06	47.13 -2.64 0.00	40.78 -2.76 0.92	40.42 -2.40 0.00	35.50 -2.51 0.01

NEG WEST__LANCASTR 23811	42.66 -3.26 0.00	35.93 -3.68 0.00	33.02 -3.51 0.00	30.99 -3.44 0.00	30.01 -3.00 0.00	30.10 -3.12 0.00	31.31 -2.91 0.00	31.75 -2.39 0.00	30.46 -1.84 0.00	29.46 -2.01 0.00	29.34 -2.62 0.00	30.82 -2.25 0.00	31.39 -2.33 0.00	32.20 -2.31 0.00	34.96 -2.39 0.00	35.81 -2.78 0.00	41.14 -3.63 0.01	43.77 -3.70 0.00	53.87 -4.05 0.00	50.86 -3.31 0.05	46.34 -3.43 0.00	40.07 -3.51 0.87	39.52 -3.30 0.00	34.66 -3.35 0.01
NEG_PENN_ALLEGHNY 23528	45.87 -0.05 0.00	39.38 -0.24 0.00	36.23 -0.29 0.00	34.13 -0.31 0.00	32.78 -0.23 0.00	32.93 -0.30 0.00	33.95 -0.27 0.00	33.97 -0.17 0.00	32.17 -0.13 0.00	31.29 -0.19 0.00	31.71 -0.26 0.00	32.97 -0.10 0.00	33.62 -0.10 0.00	34.45 -0.07 0.00	37.28 -0.07 0.00	38.43 -0.15 0.00	44.65 -0.13 0.00	47.47 0.00 0.00	58.28 0.23 -0.13	54.70 0.43 -0.04	49.97 0.20 0.00	44.15 -0.04 0.26	42.77 -0.04 0.00	37.86 -0.15 0.00
NEG__GEN_MONROE 24207	45.23 -0.69 0.00	38.39 -1.23 0.00	35.32 -1.21 0.00	33.20 -1.24 0.00	32.09 -0.92 0.00	32.23 -1.00 0.00	33.26 -0.96 0.00	33.46 -0.68 0.00	31.98 -0.32 0.00	30.94 -0.54 0.00	31.04 -0.93 0.00	32.41 -0.66 0.00	33.01 -0.71 0.00	33.83 -0.69 0.00	36.65 -0.71 0.00	37.55 -1.04 0.00	43.47 -1.30 0.01	46.38 -1.09 0.00	56.94 -0.98 0.00	53.57 -0.60 0.06	48.98 -0.80 0.00	42.45 -1.02 0.98	41.96 -0.86 0.00	37.09 -0.91 0.01
NEPA__ENERGY 23901	44.27 -1.65 0.00	37.44 -2.18 0.00	34.41 -2.12 0.00	32.34 -2.10 0.00	31.26 -1.75 0.00	31.37 -1.86 0.00	32.54 -1.68 0.00	32.85 -1.30 0.00	31.39 -0.90 0.00	30.44 -1.04 0.00	30.46 -1.50 0.00	32.04 -1.03 0.00	32.74 -0.98 0.00	33.55 -0.97 0.00	36.35 -1.01 0.00	37.31 -1.27 0.00	43.03 -1.75 0.01	45.86 -1.61 0.00	56.30 -1.62 0.00	53.25 -0.92 0.05	48.28 -1.49 0.00	41.74 -1.91 0.80	40.93 -1.88 0.00	36.07 -1.94 0.01
NEVERSINK__HYD 23608	47.89 1.97 0.00	41.32 1.70 0.00	37.92 1.39 0.00	35.71 1.27 0.00	34.10 1.09 0.00	34.32 1.09 0.00	35.38 1.16 0.00	35.24 1.09 0.00	33.24 0.94 0.00	32.42 0.94 0.00	33.02 1.05 0.00	34.19 1.12 0.00	35.00 1.28 0.00	35.93 1.42 0.00	38.96 1.61 0.00	40.36 1.78 0.00	47.20 2.42 0.00	49.89 2.42 0.00	60.76 2.84 0.00	56.77 2.55 0.00	52.01 2.24 0.00	46.46 2.00 0.00	44.65 1.84 0.00	39.61 1.60 0.00
NEWKRMKL_115KV_TB1 55635	45.92 0.00 0.00	39.90 0.28 0.00	36.75 0.22 0.00	34.71 0.28 0.00	33.24 0.23 0.00	33.46 0.23 0.00	34.39 0.17 0.00	34.25 0.10 0.00	32.36 0.06 0.00	31.54 0.06 0.00	32.12 0.16 0.00	33.07 0.00 0.00	33.82 0.10 0.00	34.62 0.10 0.00	37.50 0.15 0.00	38.86 0.27 0.00	44.96 0.18 0.00	47.62 0.14 0.00	58.04 0.12 0.00	54.33 0.11 0.00	49.82 0.05 0.00	44.63 0.18 0.00	43.03 0.21 0.00	38.32 0.30 0.00
NEWTON__FALLS_HYD 23847	46.84 0.92 0.00	40.41 0.79 0.00	37.22 0.69 0.00	34.99 0.55 0.00	33.51 0.50 0.00	33.86 0.63 0.00	34.90 0.68 0.00	34.59 0.44 0.00	32.52 0.23 0.00	31.70 0.22 0.00	32.12 0.16 0.00	33.13 0.07 0.00	33.75 0.03 0.00	34.52 0.00 0.00	37.32 -0.04 0.00	38.55 -0.04 0.00	44.92 0.13 0.00	48.00 0.52 0.00	59.06 1.04 -0.10	55.25 0.98 -0.05	50.87 1.09 0.00	45.39 0.93 0.00	43.75 0.94 0.00	38.81 0.80 0.00
NGRID_A1_DSASP 323792	43.12 -2.80 0.00	36.05 -3.57 0.00	33.13 -3.40 0.00	31.10 -3.34 0.00	30.47 -2.54 0.00	30.57 -2.66 0.00	31.35 -2.87 0.00	32.20 -1.95 0.00	30.97 -1.32 0.00	29.75 -1.73 0.00	29.45 -2.49 0.02	30.90 -2.15 0.02	31.51 -2.19 0.02	32.25 -2.24 0.02	35.04 -2.32 0.00	35.85 -2.74 0.00	41.26 -3.49 0.03	43.85 -3.61 0.02	53.75 -4.17 0.00	50.75 -3.42 0.06	46.29 -3.48 0.00	40.05 -3.47 0.94	39.73 -3.08 0.00	35.15 -2.85 0.01
NGRID_A2_DSASP 323793	43.12 -2.80 0.00	36.05 -3.57 0.00	33.13 -3.40 0.00	31.10 -3.34 0.00	30.47 -2.54 0.00	30.57 -2.66 0.00	31.35 -2.87 0.00	32.20 -1.95 0.00	30.97 -1.32 0.00	29.75 -1.73 0.00	29.45 -2.49 0.02	30.90 -2.15 0.02	31.51 -2.19 0.02	32.25 -2.24 0.02	35.04 -2.32 0.00	35.85 -2.74 0.00	41.26 -3.49 0.03	43.85 -3.61 0.02	53.75 -4.17 0.00	50.75 -3.42 0.06	46.29 -3.48 0.00	40.05 -3.47 0.94	39.73 -3.08 0.00	35.15 -2.85 0.01
NGRID_A4_DSASP 323807	43.12 -2.80 0.00	36.05 -3.57 0.00	33.13 -3.40 0.00	31.10 -3.34 0.00	30.47 -2.54 0.00	30.57 -2.66 0.00	31.35 -2.87 0.00	32.20 -1.95 0.00	30.97 -1.32 0.00	29.75 -1.73 0.00	29.45 -2.49 0.02	30.90 -2.15 0.02	31.51 -2.19 0.02	32.25 -2.24 0.02	35.04 -2.32 0.00	35.85 -2.74 0.00	41.26 -3.49 0.03	43.85 -3.61 0.02	53.75 -4.17 0.00	50.75 -3.42 0.06	46.29 -3.48 0.00	40.05 -3.47 0.94	39.73 -3.08 0.00	35.15 -2.85 0.01
NIAGARA_115E_LBMP 323715	43.17 -2.75 0.00	36.45 -3.17 0.00	33.50 -3.03 0.00	31.44 -3.00 0.00	30.47 -2.54 0.00	30.60 -2.63 0.00	31.62 -2.60 0.00	31.86 -2.29 0.00	30.94 -1.36 0.00	29.46 -2.02 0.00	29.69 -2.27 0.00	30.92 -2.15 0.00	31.49 -2.23 0.00	32.27 -2.24 0.00	35.00 -2.35 0.00	35.81 -2.78 0.00	41.19 -3.58 0.01	43.82 -3.65 0.00	53.81 -4.11 0.00	50.64 -3.52 0.06	46.34 -3.43 0.00	40.12 -3.42 0.91	39.99 -2.83 0.00	34.89 -3.12 0.01
NIAGARA_115W_LBMP 323714	42.70 -3.22 0.00	35.94 -3.68 0.00	33.02 -3.51 0.00	31.03 -3.41 0.00	30.07 -2.94 0.00	30.17 -3.06 0.00	31.17 -3.05 0.00	32.16 -1.98 0.00	30.55 -1.74 0.00	29.56 -1.92 0.00	29.64 -2.30 0.02	30.83 -2.22 0.02	31.41 -2.29 0.02	32.19 -2.31 0.02	34.93 -2.43 0.00	35.77 -2.82 0.00	41.13 -3.63 0.03	43.70 -3.75 0.02	53.63 -4.29 0.00	50.43 -3.74 0.06	46.19 -3.58 0.00	39.95 -3.56 0.94	39.81 -3.00 0.00	35.11 -2.89 0.01
NIAGARA_230_LBMP 323716	43.39 -2.53 0.00	36.57 -3.05 0.00	33.60 -2.92 0.00	31.58 -2.86 0.00	30.57 -2.44 0.00	30.70 -2.53 0.00	31.69 -2.53 0.00	32.30 -1.84 0.00	31.01 -1.29 0.00	29.87 -1.60 0.00	30.11 -1.85 0.00	31.35 -1.72 0.00	31.93 -1.79 0.00	32.72 -1.80 0.00	35.49 -1.87 0.00	36.31 -2.28 0.00	41.82 -2.96 0.01	44.44 -3.04 0.00	54.56 -3.36 0.00	51.29 -2.88 0.06	46.99 -2.79 0.00	40.68 -2.85 0.93	40.42 -2.40 0.00	35.42 -2.59 0.01
NIAGARA__115KV_198_GIBSON 55903	43.07 -2.85 0.00	35.93 -3.68 0.00	33.02 -3.51 0.00	31.03 -3.41 0.00	30.44 -2.57 0.00	30.54 -2.69 0.00	31.28 -2.94 0.00	32.16 -1.98 0.00	30.91 -1.39 0.00	29.68 -1.79 0.00	29.39 -2.56 0.02	30.83 -2.22 0.02	31.41 -2.29 0.02	32.18 -2.31 0.02	34.93 -2.43 0.00	35.77 -2.82 0.00	41.17 -3.58 0.03	43.75 -3.70 0.02	53.63 -4.29 0.00	50.59 -3.58 0.06	46.19 -3.58 0.00	39.96 -3.56 0.94	39.64 -3.17 0.00	35.08 -2.93 0.01
NIAGARA____ 23760	43.39 -2.53 0.00	36.57 -3.05 0.00	33.60 -2.92 0.00	31.58 -2.86 0.00	30.57 -2.44 0.00	30.70 -2.53 0.00	31.69 -2.53 0.00	32.30 -1.84 0.00	31.01 -1.29 0.00	29.87 -1.60 0.00	30.10 -1.85 0.01	31.34 -1.72 0.01	31.92 -1.79 0.01	32.71 -1.80 0.01	35.49 -1.87 0.00	36.31 -2.28 0.00	41.81 -2.96 0.02	44.43 -3.04 0.01	54.56 -3.36 0.00	51.29 -2.88 0.06	46.99 -2.79 0.00	40.68 -2.85 0.93	40.42 -2.40 0.00	35.42 -2.59 0.01

NINE_MILE_1 23575	44.41 -1.51 0.00	38.23 -1.39 0.00	35.32 -1.20 0.00	33.27 -1.17 0.00	31.95 -1.06 0.00	32.13 -1.10 0.00	33.12 -1.10 0.00	33.09 -1.06 0.00	31.33 -0.97 0.00	30.50 -0.98 0.00	30.94 -1.02 0.00	32.04 -1.03 0.00	32.54 -1.18 0.00	33.28 -1.24 0.00	36.01 -1.34 0.00	37.12 -1.47 0.00	43.06 -1.66 0.07	45.81 -1.66 0.00	54.22 -1.91 1.79	51.25 -1.74 1.24	48.13 -1.64 0.00	35.83 -1.51 7.11	41.36 -1.46 0.00	36.61 -1.33 0.07
NINE_MILE_2 23744	44.41 -1.51 0.00	38.23 -1.39 0.00	35.32 -1.20 0.00	33.30 -1.14 0.00	31.95 -1.06 0.00	32.13 -1.10 0.00	33.12 -1.10 0.00	33.09 -1.06 0.00	31.33 -0.97 0.00	30.50 -0.98 0.00	30.94 -1.02 0.00	32.04 -1.03 0.00	32.54 -1.18 0.00	33.28 -1.24 0.00	36.01 -1.34 0.00	37.12 -1.47 0.00	43.05 -1.66 0.07	45.81 -1.66 0.00	54.20 -1.91 1.81	51.23 -1.74 1.26	48.13 -1.64 0.00	35.74 -1.51 7.20	41.36 -1.46 0.00	36.61 -1.33 0.07
NM_CAPITAL___DRP 24208	46.06 0.14 0.00	39.98 0.36 0.00	36.82 0.29 0.00	34.78 0.34 0.00	33.31 0.30 0.00	33.56 0.33 0.00	34.49 0.27 0.00	34.35 0.20 0.00	32.46 0.16 0.00	31.64 0.16 0.00	32.22 0.26 0.00	33.17 0.10 0.00	33.92 0.20 0.00	34.69 0.17 0.00	37.62 0.26 0.00	38.97 0.39 0.00	45.10 0.31 0.00	47.76 0.28 0.00	58.21 0.29 0.00	54.50 0.27 0.00	49.97 0.20 0.00	44.76 0.31 0.00	43.11 0.30 0.00	38.39 0.38 0.00
NM_CENTRAL___DRP 24181	45.23 -0.69 0.00	38.95 -0.67 0.00	35.91 -0.62 0.00	33.82 -0.62 0.00	32.48 -0.53 0.00	32.66 -0.56 0.00	33.67 -0.55 0.00	33.63 -0.51 0.00	31.85 -0.45 0.00	31.01 -0.47 0.00	31.42 -0.54 0.00	32.57 -0.50 0.00	33.11 -0.61 0.00	33.86 -0.66 0.00	36.65 -0.71 0.00	37.82 -0.77 0.00	43.88 -0.90 0.00	46.72 -0.76 0.00	57.34 -0.75 -0.18	53.68 -0.60 -0.05	49.12 -0.65 0.00	43.39 -0.67 0.40	42.17 -0.64 0.00	37.36 -0.65 0.00
NM_FRONTIER___DRP 24179	43.07 -2.85 0.00	35.93 -3.68 0.00	33.02 -3.51 0.00	31.03 -3.41 0.00	30.44 -2.57 0.00	30.54 -2.69 0.00	31.28 -2.94 0.00	32.16 -1.98 0.00	30.91 -1.39 0.00	29.68 -1.79 0.00	29.39 -2.56 0.02	30.83 -2.22 0.02	31.41 -2.29 0.02	32.18 -2.31 0.02	34.93 -2.43 0.00	35.77 -2.82 0.00	41.17 -3.58 0.03	43.75 -3.70 0.02	53.63 -4.29 0.00	50.59 -3.58 0.06	46.19 -3.58 0.00	39.96 -3.56 0.94	39.64 -3.17 0.00	35.08 -2.93 0.01
NM_ST_REGIS___HYD 24053	46.98 1.06 0.00	40.45 0.83 0.00	37.33 0.80 0.00	35.27 0.83 0.00	33.80 0.79 0.00	34.12 0.90 0.00	35.04 0.82 0.00	34.90 0.75 0.00	33.14 0.84 0.00	32.27 0.79 0.00	32.70 0.74 0.00	33.86 0.79 0.00	34.60 0.88 0.00	35.38 0.86 0.00	38.18 0.82 0.00	39.44 0.85 0.00	45.81 1.03 0.00	48.66 1.19 0.00	59.48 1.56 0.00	55.69 1.46 0.00	51.31 1.54 0.00	45.65 1.20 0.00	43.84 1.03 0.00	38.96 0.95 0.00
NORTHPORT___1 23551	48.68 2.76 0.00	42.19 2.57 0.00	38.72 2.19 0.00	36.44 2.00 0.00	34.73 1.72 0.00	34.95 1.73 0.00	35.90 1.68 0.00	35.95 1.81 0.00	34.43 2.13 0.00	33.63 2.14 -0.01	37.16 2.08 -3.12	39.76 2.12 -4.57	41.24 2.26 -5.26	46.94 2.42 -10.00	49.43 2.61 -9.46	50.44 2.74 -9.11	52.55 3.27 -4.50	61.27 2.75 -11.05	60.93 3.01 0.00	56.55 2.33 0.00	52.26 2.49 0.00	48.98 2.67 -1.86	45.38 2.57 0.00	40.22 2.20 0.00
NORTHPORT___2 23552	48.68 2.76 0.00	42.19 2.57 0.00	38.72 2.19 0.00	36.44 2.00 0.00	34.73 1.72 0.00	34.95 1.73 0.00	35.90 1.68 0.00	35.95 1.81 0.00	34.43 2.13 0.00	33.63 2.14 -0.01	37.16 2.08 -3.12	39.76 2.12 -4.57	41.24 2.26 -5.26	46.94 2.42 -10.00	49.43 2.61 -9.46	50.44 2.74 -9.11	52.55 3.27 -4.50	61.27 2.75 -11.05	60.93 3.01 0.00	56.55 2.33 0.00	52.26 2.49 0.00	48.98 2.67 -1.86	45.38 2.57 0.00	40.22 2.20 0.00
NORTHPORT___3 23553	48.68 2.76 0.00	42.19 2.57 0.00	38.72 2.19 0.00	36.44 2.00 0.00	34.73 1.72 0.00	34.95 1.73 0.00	35.90 1.68 0.00	35.95 1.81 0.00	34.43 2.13 0.00	33.63 2.14 -0.01	37.16 2.08 -3.12	39.79 2.15 -4.57	41.28 2.29 -5.26	46.97 2.45 -10.00	49.47 2.65 -9.46	50.52 2.82 -9.11	52.65 3.36 -4.50	61.42 2.90 -11.05	61.05 3.13 0.00	56.67 2.44 0.00	52.31 2.54 0.00	49.03 2.71 -1.86	45.38 2.57 0.00	40.22 2.20 0.00
NORTHPORT___4 23650	48.68 2.76 0.00	42.19 2.57 0.00	38.72 2.19 0.00	36.44 2.00 0.00	34.73 1.72 0.00	34.95 1.73 0.00	35.90 1.68 0.00	35.95 1.81 0.00	34.43 2.13 0.00	33.63 2.14 -0.01	37.16 2.08 -3.12	39.79 2.15 -4.57	41.28 2.29 -5.26	46.97 2.45 -10.00	49.47 2.65 -9.46	50.52 2.82 -9.11	52.65 3.36 -4.50	61.42 2.90 -11.05	61.05 3.13 0.00	56.67 2.44 0.00	52.31 2.54 0.00	49.03 2.71 -1.86	45.38 2.57 0.00	40.22 2.20 0.00
NORTHPORT___IC 23718	48.68 2.76 0.00	42.15 2.54 0.00	38.61 2.08 0.00	36.33 1.89 0.00	34.53 1.52 0.00	34.86 1.63 0.00	35.79 1.57 0.00	35.85 1.71 0.00	34.07 1.78 0.00	33.62 2.14 0.00	37.23 2.14 -3.12	39.79 2.15 -4.57	41.24 2.26 -5.26	46.94 2.42 -10.00	49.47 2.65 -9.46	50.44 2.74 -9.11	52.42 3.13 -4.50	61.27 2.75 -11.05	61.05 3.13 0.00	56.56 2.33 0.00	52.06 2.29 0.00	48.98 2.67 -1.86	45.38 2.57 0.00	40.22 2.20 0.00
NORTH___COUNTRY_ESR 323785	46.24 0.32 0.00	39.90 0.28 0.00	36.82 0.29 0.00	34.75 0.31 0.00	33.27 0.26 0.00	33.56 0.33 0.00	34.49 0.27 0.00	34.38 0.24 0.00	32.56 0.26 0.00	31.70 0.22 0.00	32.19 0.23 0.00	33.30 0.23 0.00	33.99 0.27 0.00	34.76 0.24 0.00	37.62 0.26 0.00	38.78 0.19 0.00	45.01 0.23 0.00	47.67 0.19 0.00	58.21 0.29 0.00	54.44 0.22 0.00	50.17 0.40 0.00	44.68 0.22 0.00	43.03 0.22 0.00	38.28 0.27 0.00
NPX_GEN_1385_PROXY 323591	48.22 2.30 0.00	41.84 2.22 0.00	38.54 2.01 0.00	36.30 1.86 0.00	34.82 1.81 0.00	34.95 1.73 0.00	35.79 1.57 0.00	35.92 1.77 0.00	34.43 2.13 0.00	33.60 2.11 -0.01	36.81 1.72 -3.12	39.39 1.75 -4.57	40.43 1.45 -5.26	42.89 1.42 -6.96	48.42 1.61 -9.46	49.48 1.78 -9.11	51.52 2.24 -4.50	60.37 1.85 -11.05	60.64 2.72 0.00	56.23 2.01 0.00	51.86 2.09 0.00	48.63 2.31 -1.86	44.95 2.14 0.00	39.84 1.82 0.00
NPX_GEN_CSC 323557	49.09 3.17 0.00	43.03 3.41 0.00	39.41 2.89 0.00	37.05 2.62 0.00	35.32 2.31 0.00	35.55 2.33 0.00	36.48 2.26 0.00	36.53 2.39 0.00	35.04 2.74 0.00	34.22 2.74 -0.01	37.55 2.46 -3.12	39.99 2.35 -4.57	41.51 2.53 -5.26	47.04 2.52 -10.00	49.54 2.73 -9.46	50.79 3.09 -9.11	53.54 4.26 -4.50	62.37 3.84 -11.05	62.09 4.17 0.00	57.59 3.36 0.00	53.06 3.28 0.00	49.25 2.93 -1.86	45.73 2.91 0.00	40.67 2.66 0.00
NSINS_S_GLNS_FALLS 23858	47.53 1.61 0.00	41.05 1.43 0.00	37.84 1.31 0.00	35.75 1.31 0.00	34.17 1.16 0.00	34.42 1.20 0.00	35.35 1.13 0.00	35.10 0.96 0.00	32.94 0.65 0.00	32.01 0.54 0.00	32.35 0.38 0.00	33.27 0.20 0.00	34.06 0.34 0.00	34.59 0.07 0.00	37.50 0.15 0.00	38.90 0.31 0.00	45.19 0.40 0.00	48.42 0.95 0.00	59.95 2.03 0.00	56.34 2.11 0.00	51.86 2.09 0.00	46.41 1.96 0.00	44.61 1.80 0.00	39.65 1.63 0.00

NUCOR_STEEL____DRP 24197	45.87 -0.05 0.00	39.42 -0.20 0.00	36.31 -0.22 0.00	34.16 -0.28 0.00	32.85 -0.17 0.00	32.99 -0.23 0.00	34.01 -0.21 0.00	34.01 -0.14 0.00	32.17 -0.13 0.00	31.29 -0.19 0.00	31.68 -0.29 0.00	32.87 -0.20 0.00	33.41 -0.30 0.00	34.21 -0.31 0.00	37.02 -0.34 0.00	38.16 -0.42 0.00	44.38 -0.40 0.00	47.28 -0.19 0.00	58.27 0.06 -0.29	54.62 0.27 -0.13	49.87 0.10 0.00	44.41 -0.04 0.00	42.81 0.00 0.00	37.90 -0.11 0.00
NUMBER_THREE_WT_PWR 323818	47.20 1.28 0.00	40.73 1.11 0.00	37.44 0.91 0.00	35.16 0.72 0.00	33.67 0.66 0.00	34.02 0.80 0.00	35.18 0.96 0.00	34.83 0.68 0.00	32.62 0.32 0.00	31.76 0.28 0.00	32.16 0.19 0.00	33.13 0.07 0.00	33.68 -0.03 0.00	34.45 -0.07 0.00	37.32 -0.04 0.00	38.55 -0.04 0.00	44.96 0.18 0.00	48.14 0.66 0.00	59.43 1.39 -0.12	55.69 1.41 -0.05	51.12 1.34 0.00	45.65 1.20 0.00	44.05 1.24 0.00	39.08 1.06 0.00
NYISO_LBMP_REFERENCE 24008	45.92 0.00 0.00	39.62 0.00 0.00	36.53 0.00 0.00	34.44 0.00 0.00	33.01 0.00 0.00	33.23 0.00 0.00	34.22 0.00 0.00	34.14 0.00 0.00	32.30 0.00 0.00	31.48 0.00 0.00	31.96 0.00 0.00	33.07 0.00 0.00	33.72 0.00 0.00	34.52 0.00 0.00	37.35 0.00 0.00	38.59 0.00 0.00	44.78 0.00 0.00	47.47 0.00 0.00	57.92 0.00 0.00	54.22 0.00 0.00	49.77 0.00 0.00	44.45 0.00 0.00	42.81 0.00 0.00	38.01 0.00 0.00
NYPA_BRENTWD____GT 24164	49.37 3.45 0.00	42.79 3.17 0.00	39.23 2.70 0.00	36.92 2.48 0.00	35.19 2.18 0.00	35.42 2.19 0.00	36.34 2.12 0.00	36.40 2.25 0.00	34.88 2.58 0.00	34.07 2.58 -0.01	37.61 2.52 -3.12	40.22 2.58 -4.57	41.75 2.77 -5.26	47.49 2.97 -10.00	50.06 3.25 -9.46	51.17 3.47 -9.11	53.54 4.26 -4.50	62.45 3.89 -11.08	62.21 4.29 0.00	57.75 3.52 0.00	53.20 3.43 0.00	49.69 3.38 -1.86	45.98 3.17 0.00	40.75 2.74 0.00
NYPA_GOWANUS____GT5 24156	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.33 1.32 0.00	34.42 1.19 0.00	35.59 1.37 0.00	35.54 1.40 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.84 2.13 0.00	36.83 2.31 0.00	39.78 2.43 0.00	41.17 2.59 0.00	48.14 3.36 0.00	50.18 2.70 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.76 2.31 0.00	44.99 2.18 0.00	39.99 1.98 0.00
NYPA_GOWANUS____GT6 24157	48.49 2.57 0.00	41.80 2.18 0.00	38.21 1.68 0.00	35.99 1.55 0.00	34.33 1.32 0.00	34.42 1.19 0.00	35.59 1.37 0.00	35.54 1.40 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.95 1.88 0.00	35.84 2.13 0.00	36.83 2.31 0.00	39.78 2.43 0.00	41.17 2.59 0.00	48.14 3.36 0.00	50.18 2.70 0.00	60.41 2.49 0.00	56.12 1.90 0.00	51.86 2.09 0.00	46.76 2.31 0.00	44.99 2.18 0.00	39.99 1.98 0.00
NYPA_HARLEM__RVR__GT1 24160	48.31 2.39 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.20 1.19 0.00	34.19 0.96 0.00	35.31 1.09 0.01	35.26 1.13 0.01	33.55 1.26 0.01	32.82 1.35 0.01	33.49 1.53 0.01	34.68 1.62 0.01	35.56 1.85 0.01	36.51 2.00 0.01	39.48 2.13 0.01	40.86 2.28 0.01	47.68 2.91 0.01	49.79 2.33 0.01	59.99 2.08 0.01	55.79 1.57 0.01	51.31 1.54 0.01	46.18 1.73 0.01	44.48 1.67 0.00	39.72 1.71 0.00
NYPA_HARLEM__RVR__GT2 24161	48.31 2.39 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.20 1.19 0.00	34.19 0.96 0.00	35.31 1.09 0.01	35.26 1.13 0.01	33.55 1.26 0.01	32.82 1.35 0.01	33.49 1.53 0.01	34.68 1.62 0.01	35.56 1.85 0.01	36.51 2.00 0.01	39.48 2.13 0.01	40.86 2.28 0.01	47.68 2.91 0.01	49.79 2.33 0.01	59.99 2.08 0.01	55.79 1.57 0.01	51.31 1.54 0.01	46.18 1.73 0.01	44.48 1.67 0.00	39.72 1.71 0.00
NYPA_KENT____GT 24152	48.40 2.48 0.00	41.72 2.10 0.00	38.17 1.65 0.00	35.95 1.51 0.00	34.26 1.25 0.00	34.39 1.16 0.00	35.59 1.37 0.00	35.51 1.37 0.00	33.75 1.45 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.75 2.39 0.00	41.13 2.55 0.00	48.10 3.31 0.00	50.13 2.66 0.00	60.41 2.49 0.00	56.17 1.95 0.00	51.76 1.99 0.00	46.63 2.18 0.00	44.91 2.10 0.00	39.91 1.90 0.00
NYPA_POUCH1____GT 24155	33.83 2.62 14.70	28.32 2.18 13.48	38.21 1.68 0.00	35.99 1.55 0.00	34.30 1.29 0.00	34.39 1.16 0.00	35.59 1.37 0.00	35.51 1.37 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.66 1.69 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.79 2.28 0.00	39.75 2.39 0.00	41.17 2.59 0.00	48.14 3.36 0.00	50.08 2.61 0.00	60.24 2.32 0.00	55.91 1.68 0.00	51.86 2.09 0.00	46.81 2.35 0.00	45.08 2.27 0.00	40.06 2.05 0.00
NYPA_VERNON____GT2 24162	48.26 2.34 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.51 1.37 0.00	33.75 1.45 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.78 2.06 0.00	36.76 2.24 0.00	39.71 2.35 0.00	41.10 2.51 0.00	48.01 3.23 0.00	50.13 2.66 0.00	60.41 2.49 0.00	56.23 2.01 0.00	51.66 1.89 0.00	46.50 2.05 0.00	44.78 1.97 0.00	39.80 1.79 0.00
NYPA_VERNON____GT3 24163	48.26 2.34 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.51 1.37 0.00	33.75 1.45 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.78 2.06 0.00	36.76 2.24 0.00	39.71 2.35 0.00	41.10 2.51 0.00	48.01 3.23 0.00	50.13 2.66 0.00	60.41 2.49 0.00	56.23 2.01 0.00	51.66 1.89 0.00	46.50 2.05 0.00	44.78 1.97 0.00	39.80 1.79 0.00
NYPA__ASTORIA_CC1 323568	48.26 2.34 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.23 1.22 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.47 1.33 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.67 2.32 0.00	41.06 2.47 0.00	47.96 3.18 0.00	50.08 2.61 0.00	60.35 2.43 0.00	56.17 1.95 0.00	51.61 1.84 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.76 1.75 0.00
NYPA__ASTORIA_CC2 323569	48.26 2.34 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.23 1.22 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.47 1.33 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.67 2.32 0.00	41.06 2.47 0.00	47.96 3.18 0.00	50.08 2.61 0.00	60.35 2.43 0.00	56.17 1.95 0.00	51.61 1.84 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.76 1.75 0.00
NYPA__HOLTSVILL 23794	49.09 3.17 0.00	42.67 3.05 0.00	39.12 2.59 0.00	36.81 2.37 0.00	35.06 2.05 0.00	35.32 2.09 0.00	36.24 2.02 0.00	36.26 2.12 0.00	34.79 2.49 0.00	33.97 2.49 -0.01	37.45 2.37 -3.12	39.99 2.35 -4.57	41.54 2.56 -5.26	47.22 2.69 -10.00	49.76 2.95 -9.46	50.90 3.20 -9.11	53.36 4.07 -4.50	62.13 3.61 -11.05	61.91 3.99 0.00	57.48 3.25 0.00	52.96 3.19 0.00	49.38 3.06 -1.86	45.73 2.91 0.00	40.56 2.55 0.00

NYPA_____HELLGATE_GT1 24158	48.31 2.39 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.20 1.19 0.00	34.19 0.96 0.00	35.31 1.09 0.01	35.26 1.13 0.01	33.55 1.26 0.01	32.82 1.35 0.01	33.49 1.53 0.01	34.68 1.62 0.01	35.56 1.85 0.01	36.51 2.00 0.01	39.48 2.13 0.01	40.86 2.28 0.01	47.68 2.91 0.01	49.79 2.33 0.01	59.99 2.08 0.01	55.79 1.57 0.01	51.31 1.54 0.01	46.18 1.73 0.01	44.48 1.67 0.00	39.72 1.71 0.00
NYPA_____HELLGATE_GT2 24159	48.31 2.39 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.20 1.19 0.00	34.19 0.96 0.00	35.31 1.09 0.01	35.26 1.13 0.01	33.55 1.26 0.01	32.82 1.35 0.01	33.49 1.53 0.01	34.68 1.62 0.01	35.56 1.85 0.01	36.51 2.00 0.01	39.48 2.13 0.01	40.86 2.28 0.01	47.68 2.91 0.01	49.79 2.33 0.01	59.99 2.08 0.01	55.79 1.57 0.01	51.31 1.54 0.01	46.18 1.73 0.01	44.48 1.67 0.00	39.72 1.71 0.00
NYS_BARGE___HYD 23848	43.72 -2.20 0.00	36.84 -2.77 0.00	33.86 -2.66 0.00	31.79 -2.65 0.00	30.80 -2.21 0.00	30.94 -2.29 0.00	31.96 -2.26 0.00	32.33 -1.81 0.00	31.23 -1.07 0.00	29.84 -1.64 0.00	30.08 -1.89 0.00	31.31 -1.75 0.00	31.89 -1.82 0.00	32.68 -1.83 0.00	35.49 -1.87 0.00	36.31 -2.28 0.00	41.81 -2.96 0.01	44.48 -2.99 0.00	54.73 -3.19 0.00	51.46 -2.71 0.06	47.13 -2.64 0.00	40.78 -2.76 0.92	40.54 -2.27 0.00	35.46 -2.55 0.01
OAK ORCHARD___HYD 24046	45.00 -0.92 0.00	38.19 -1.42 0.00	35.18 -1.35 0.00	33.03 -1.41 0.00	31.89 -1.12 0.00	32.06 -1.16 0.00	33.06 -1.16 0.00	33.43 -0.72 0.00	31.88 -0.42 0.00	30.85 -0.63 0.00	31.23 -0.73 0.00	32.44 -0.63 0.00	33.01 -0.71 0.00	33.79 -0.73 0.00	36.61 -0.75 0.00	37.55 -1.04 0.00	43.52 -1.25 0.01	46.38 -1.09 0.00	57.05 -0.87 0.00	53.46 -0.71 0.06	49.03 -0.75 0.00	42.54 -0.94 0.98	42.08 -0.73 0.00	37.05 -0.95 0.01
OAKDALE__35_KV_LOAD 356122	45.69 -0.23 0.00	39.26 -0.36 0.00	36.13 -0.40 0.00	33.99 -0.45 0.00	32.68 -0.33 0.00	32.83 -0.40 0.00	33.84 -0.38 0.00	33.87 -0.27 0.00	32.07 -0.23 0.00	31.23 -0.25 0.00	31.61 -0.35 0.00	32.87 -0.20 0.00	33.52 -0.20 0.00	34.34 -0.17 0.00	37.17 -0.19 0.00	38.36 -0.23 0.00	44.51 -0.27 0.00	47.33 -0.14 0.00	58.04 0.00 -0.12	54.53 0.27 -0.04	49.77 0.00 0.00	43.96 -0.22 0.27	42.56 -0.26 0.00	37.71 -0.30 0.00
OCC_CHEM___DRP 24175	43.12 -2.80 0.00	36.05 -3.57 0.00	33.13 -3.40 0.00	31.10 -3.34 0.00	30.47 -2.54 0.00	30.57 -2.66 0.00	31.35 -2.87 0.00	32.20 -1.95 0.00	30.97 -1.32 0.00	29.75 -1.73 0.00	29.45 -2.49 0.02	30.90 -2.15 0.02	31.51 -2.19 0.02	32.25 -2.24 0.02	35.04 -2.32 0.00	35.85 -2.74 0.00	41.26 -3.49 0.03	43.85 -3.61 0.02	53.75 -4.17 0.00	50.75 -3.42 0.06	46.29 -3.48 0.00	40.05 -3.47 0.94	39.73 -3.08 0.00	35.15 -2.85 0.01
OH_GEN_PROXY 24063	43.44 -2.48 0.00	36.65 -2.97 0.00	33.68 -2.85 0.00	31.62 -2.82 0.00	30.63 -2.38 0.00	30.77 -2.46 0.00	31.76 -2.46 0.00	32.33 -1.81 0.00	31.04 -1.26 0.00	29.91 -1.57 0.00	30.18 -1.79 0.00	31.38 -1.69 0.00	32.00 -1.72 0.00	32.79 -1.72 0.00	35.56 -1.79 0.00	36.39 -2.20 0.00	41.95 -2.82 0.01	44.58 -2.90 0.00	54.73 -3.19 0.00	51.46 -2.71 0.06	47.13 -2.64 0.00	40.77 -2.76 0.92	40.50 -2.31 0.00	35.46 -2.55 0.01
OLIN_CORP_DRP 24177	42.94 -2.98 0.00	36.49 -3.13 0.00	33.53 -3.00 0.00	31.48 -2.96 0.00	30.24 -2.77 0.00	30.34 -2.89 0.00	31.76 -2.46 0.00	31.96 -2.19 0.00	30.68 -1.61 0.00	29.65 -1.83 0.00	29.50 -2.46 0.00	30.98 -2.08 0.00	31.56 -2.16 0.00	32.34 -2.17 0.00	35.08 -2.28 0.00	35.89 -2.70 0.00	41.32 -3.45 0.01	43.96 -3.51 0.00	53.92 -4.00 0.00	50.91 -3.25 0.06	46.44 -3.33 0.00	40.21 -3.33 0.91	39.90 -2.91 0.00	34.96 -3.04 0.01
OLIN_CORP_DSASP 323712	43.12 -2.80 0.00	36.05 -3.57 0.00	33.13 -3.40 0.00	31.10 -3.34 0.00	30.47 -2.54 0.00	30.57 -2.66 0.00	31.35 -2.87 0.00	32.20 -1.95 0.00	30.97 -1.32 0.00	29.75 -1.73 0.00	29.45 -2.49 0.02	30.90 -2.15 0.02	31.51 -2.19 0.02	32.25 -2.24 0.02	35.04 -2.32 0.00	35.85 -2.74 0.00	41.26 -3.49 0.03	43.85 -3.61 0.02	53.75 -4.17 0.00	50.75 -3.42 0.06	46.29 -3.48 0.00	40.05 -3.47 0.94	39.73 -3.08 0.00	35.15 -2.85 0.01
ONEIDA_HERK_LFGE 323681	46.93 1.01 0.00	40.49 0.87 0.00	37.26 0.73 0.00	35.02 0.58 0.00	33.57 0.56 0.00	33.86 0.63 0.00	34.97 0.75 0.00	34.72 0.58 0.00	32.62 0.32 0.00	31.79 0.31 0.00	32.22 0.25 0.00	33.30 0.23 0.00	33.92 0.20 0.00	34.69 0.17 0.00	37.58 0.23 0.00	38.78 0.19 0.00	45.14 0.36 0.00	48.19 0.71 0.00	59.21 1.22 -0.07	55.45 1.19 -0.03	50.92 1.15 0.00	45.43 0.98 0.00	43.75 0.94 0.00	38.81 0.80 0.00
ONEIDA___115KV_TB4 55905	46.84 0.92 0.00	40.41 0.79 0.00	37.19 0.66 0.00	34.99 0.55 0.00	33.57 0.56 0.00	33.79 0.56 0.00	34.90 0.68 0.00	34.72 0.58 0.00	32.65 0.36 0.00	31.79 0.31 0.00	32.19 0.22 0.00	33.36 0.30 0.00	33.99 0.27 0.00	34.76 0.24 0.00	37.65 0.30 0.00	38.86 0.27 0.00	45.18 0.40 0.00	48.19 0.71 0.00	59.23 1.22 -0.10	55.50 1.25 -0.03	50.87 1.09 0.00	45.13 0.89 0.21	43.63 0.81 0.00	38.69 0.68 0.00
ONONDAGA_REF_OCCRA 23987	45.46 -0.46 0.00	39.10 -0.52 0.00	36.09 -0.44 0.00	33.96 -0.48 0.00	32.61 -0.40 0.00	32.80 -0.43 0.00	33.81 -0.41 0.00	33.77 -0.38 0.00	31.94 -0.36 0.00	31.10 -0.38 0.00	31.52 -0.45 0.00	32.70 -0.36 0.00	33.25 -0.47 0.00	34.00 -0.52 0.00	36.79 -0.56 0.00	37.97 -0.62 0.00	44.11 -0.67 0.00	46.95 -0.52 0.00	57.73 -0.41 -0.21	54.03 -0.27 -0.08	49.42 -0.35 0.00	43.72 -0.44 0.29	42.38 -0.43 0.00	37.55 -0.46 0.00
ONONDAGA___COGEN 23986	45.51 -0.41 0.00	39.18 -0.44 0.00	36.13 -0.40 0.00	34.03 -0.41 0.00	32.68 -0.33 0.00	32.83 -0.40 0.00	33.84 -0.38 0.00	33.80 -0.34 0.00	31.98 -0.32 0.00	31.16 -0.31 0.00	31.58 -0.38 0.00	32.74 -0.33 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.83 -0.52 0.00	37.97 -0.62 0.00	44.11 -0.67 0.00	46.95 -0.52 0.00	57.83 -0.41 -0.32	54.10 -0.27 -0.14	49.42 -0.35 0.00	44.05 -0.40 0.00	42.47 -0.34 0.00	37.59 -0.42 0.00
ONTARIO___LFGE 23819	45.87 -0.05 0.00	39.18 -0.43 0.00	36.05 -0.48 0.00	33.89 -0.55 0.00	32.65 -0.36 0.00	32.76 -0.47 0.00	33.81 -0.41 0.00	33.94 -0.20 0.00	32.14 -0.16 0.00	31.13 -0.35 0.00	31.49 -0.48 0.00	32.74 -0.33 0.00	33.35 -0.37 0.00	34.14 -0.38 0.00	36.98 -0.37 0.00	38.09 -0.50 0.00	44.28 -0.49 0.01	46.95 -0.52 0.00	57.63 -0.40 -0.11	54.29 0.05 -0.01	49.82 0.05 0.00	43.86 0.00 0.59	42.86 0.04 0.00	37.82 -0.19 0.01
ORANGEVILLE_WT_PWR 323706	44.36 -1.56 0.00	37.52 -2.10 0.00	34.45 -2.08 0.00	32.37 -2.07 0.00	31.33 -1.68 0.00	31.47 -1.76 0.00	32.48 -1.74 0.00	32.85 -1.30 0.00	31.26 -1.03 0.00	30.06 -1.42 0.00	30.30 -1.66 0.00	31.55 -1.52 0.00	32.17 -1.55 0.00	32.96 -1.55 0.00	35.71 -1.64 0.00	36.66 -1.93 0.00	42.31 -2.46 0.01	45.10 -2.37 0.00	55.60 -2.32 0.00	52.60 -1.57 0.05	48.13 -1.64 0.00	41.82 -1.87 0.76	41.19 -1.63 0.00	36.18 -1.82 0.01

ORANGEVILLE___ESR 323794	44.36 -1.56 0.00	37.52 -2.10 0.00	34.45 -2.08 0.00	32.37 -2.07 0.00	31.33 -1.68 0.00	31.47 -1.76 0.00	32.48 -1.74 0.00	32.85 -1.30 0.00	31.26 -1.03 0.00	30.06 -1.42 0.00	30.30 -1.66 0.00	31.55 -1.52 0.00	32.17 -1.55 0.00	32.96 -1.55 0.00	35.71 -1.64 0.00	36.66 -1.93 0.00	42.31 -2.46 0.01	45.10 -2.37 0.00	55.60 -2.32 0.00	52.60 -1.57 0.05	48.13 -1.64 0.00	41.82 -1.87 0.76	41.19 -1.63 0.00	36.18 -1.82 0.01
OSWEGATCHIE___HYD 24044	46.84 0.92 0.00	40.41 0.79 0.00	37.22 0.69 0.00	34.99 0.55 0.00	33.51 0.50 0.00	33.86 0.63 0.00	34.90 0.68 0.00	34.59 0.44 0.00	32.56 0.26 0.00	31.70 0.22 0.00	32.12 0.16 0.00	33.13 0.07 0.00	33.75 0.03 0.00	34.52 0.00 0.00	37.35 0.00 0.00	38.55 -0.04 0.00	44.92 0.13 0.00	48.00 0.52 0.00	59.07 1.04 -0.10	55.30 1.03 -0.05	50.92 1.15 0.00	45.39 0.93 0.00	43.75 0.94 0.00	38.81 0.80 0.00
OSWEGO___5 23606	44.73 -1.19 0.00	38.51 -1.11 0.00	35.58 -0.95 0.00	33.51 -0.93 0.00	32.15 -0.86 0.00	32.33 -0.90 0.00	33.33 -0.89 0.00	33.32 -0.82 0.00	31.52 -0.78 0.00	30.69 -0.79 0.00	31.13 -0.83 0.00	32.24 -0.83 0.00	32.77 -0.94 0.00	33.51 -1.00 0.00	36.27 -1.08 0.00	37.43 -1.16 0.00	43.47 -1.34 -0.03	46.20 -1.28 0.00	57.81 -1.45 -1.33	53.69 -1.30 -0.77	48.53 -1.24 0.00	46.10 -1.20 -2.85	41.70 -1.11 0.00	36.97 -1.06 -0.03
OSWEGO___6 23613	44.73 -1.19 0.00	38.51 -1.11 0.00	35.58 -0.95 0.00	33.51 -0.93 0.00	32.15 -0.86 0.00	32.33 -0.90 0.00	33.33 -0.89 0.00	33.32 -0.82 0.00	31.52 -0.78 0.00	30.69 -0.79 0.00	31.13 -0.83 0.00	32.24 -0.83 0.00	32.77 -0.94 0.00	33.51 -1.00 0.00	36.27 -1.08 0.00	37.43 -1.16 0.00	43.47 -1.34 -0.03	46.20 -1.28 0.00	57.81 -1.45 -1.33	53.69 -1.30 -0.77	48.53 -1.24 0.00	46.10 -1.20 -2.85	41.70 -1.11 0.00	36.97 -1.06 -0.03
OUTOKUMPU-AB___DRP 24206	43.76 -2.16 0.00	36.77 -2.85 0.00	33.79 -2.74 0.00	31.72 -2.72 0.00	30.83 -2.18 0.00	30.93 -2.29 0.00	32.03 -2.19 0.00	32.57 -1.57 0.00	31.26 -1.03 0.00	30.16 -1.32 0.00	29.94 -2.01 0.01	31.44 -1.62 0.01	32.02 -1.69 0.01	32.82 -1.69 0.01	35.64 -1.72 0.00	36.47 -2.12 0.00	41.99 -2.78 0.02	44.62 -2.85 0.01	54.85 -3.07 0.00	51.78 -2.39 0.06	47.18 -2.59 0.00	40.83 -2.71 0.91	40.37 -2.44 0.00	35.61 -2.39 0.01
OXBOW___BTM 323836	43.30 -2.62 0.00	36.45 -3.17 0.00	33.50 -3.03 0.00	31.44 -3.00 0.00	30.47 -2.54 0.00	30.60 -2.63 0.00	31.62 -2.60 0.00	32.40 -1.74 0.00	30.94 -1.36 0.00	29.84 -1.64 0.00	30.00 -1.95 0.01	31.23 -1.82 0.01	31.82 -1.89 0.01	32.60 -1.90 0.01	35.37 -1.98 0.00	36.20 -2.39 0.00	41.62 -3.14 0.02	44.23 -3.23 0.01	54.39 -3.54 0.00	51.13 -3.04 0.06	46.84 -2.94 0.00	40.50 -3.02 0.93	40.24 -2.57 0.00	35.42 -2.59 0.01
OXBOW___ 24026	43.49 -2.43 0.00	36.45 -3.17 0.00	33.50 -3.03 0.00	31.44 -3.00 0.00	30.70 -2.31 0.00	30.80 -2.43 0.00	31.72 -2.50 0.00	32.44 -1.71 0.00	31.14 -1.16 0.00	29.97 -1.51 0.00	29.74 -2.21 0.01	31.23 -1.82 0.01	31.82 -1.89 0.01	32.60 -1.90 0.01	35.38 -1.98 0.00	36.20 -2.39 0.00	41.67 -3.09 0.02	44.28 -3.18 0.01	54.39 -3.53 0.00	51.29 -2.87 0.06	46.84 -2.94 0.00	40.50 -3.02 0.93	40.12 -2.70 0.00	35.42 -2.58 0.01
OXY_CHEM_DSASP 323612	43.12 -2.80 0.00	36.05 -3.57 0.00	33.13 -3.40 0.00	31.10 -3.34 0.00	30.47 -2.54 0.00	30.57 -2.66 0.00	31.35 -2.87 0.00	32.20 -1.95 0.00	30.97 -1.32 0.00	29.75 -1.73 0.00	29.45 -2.49 0.02	30.90 -2.15 0.02	31.51 -2.19 0.02	32.25 -2.24 0.02	35.04 -2.32 0.00	35.85 -2.74 0.00	41.26 -3.49 0.03	43.85 -3.61 0.02	53.75 -4.17 0.00	50.75 -3.42 0.06	46.29 -3.48 0.00	40.05 -3.47 0.94	39.73 -3.08 0.00	35.15 -2.85 0.01
OZONE_PARK_ESR 323760	48.49 2.57 0.00	41.88 2.26 0.00	38.32 1.79 0.00	36.09 1.65 0.00	34.36 1.35 0.00	34.62 1.40 0.00	35.83 1.61 0.00	35.85 1.71 0.00	33.98 1.68 0.00	33.30 1.83 0.00	34.01 2.05 0.00	35.22 2.15 0.00	36.08 2.36 0.00	37.07 2.55 0.00	40.12 2.76 0.00	41.48 2.89 0.00	48.23 3.45 0.00	50.51 3.04 0.00	61.16 3.24 0.00	56.94 2.71 0.00	52.21 2.44 0.00	46.90 2.44 0.00	45.17 2.35 0.00	40.07 2.05 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	43.12 -2.80 0.00	36.05 -3.57 0.00	33.13 -3.40 0.00	31.10 -3.34 0.00	30.47 -2.54 0.00	30.57 -2.66 0.00	31.35 -2.87 0.00	32.20 -1.95 0.00	30.97 -1.32 0.00	29.75 -1.73 0.00	29.45 -2.49 0.02	30.90 -2.15 0.02	31.51 -2.19 0.02	32.25 -2.24 0.02	35.04 -2.32 0.00	35.85 -2.74 0.00	41.26 -3.49 0.03	43.85 -3.61 0.02	53.75 -4.17 0.00	50.75 -3.42 0.06	46.29 -3.48 0.00	40.05 -3.47 0.94	39.73 -3.08 0.00	35.15 -2.85 0.01
PACKARD__115KV_DUPONT_184 80571	42.80 -3.12 0.00	36.05 -3.57 0.00	33.09 -3.44 0.00	31.10 -3.34 0.00	30.14 -2.87 0.00	30.24 -2.99 0.00	31.24 -2.98 0.00	32.20 -1.94 0.00	30.62 -1.68 0.00	29.62 -1.86 0.00	29.71 -2.24 0.02	30.90 -2.15 0.02	31.51 -2.19 0.02	32.25 -2.24 0.02	35.00 -2.35 0.00	35.85 -2.74 0.00	41.22 -3.54 0.03	43.80 -3.65 0.02	53.75 -4.17 0.00	50.53 -3.63 0.06	46.29 -3.49 0.00	40.05 -3.47 0.94	39.90 -2.91 0.00	35.15 -2.85 0.01
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.45 2.53 0.00	41.76 2.14 0.00	38.17 1.64 0.00	35.95 1.52 0.00	34.20 1.19 0.00	34.26 1.03 0.00	35.38 1.16 0.00	35.37 1.23 0.00	33.56 1.26 0.00	32.86 1.39 0.00	33.59 1.63 0.00	34.75 1.69 0.00	35.64 1.92 0.00	36.59 2.07 0.00	39.56 2.20 0.00	40.94 2.35 0.00	47.60 2.82 0.00	49.80 2.33 0.00	60.18 2.26 0.00	55.96 1.74 0.00	51.46 1.69 0.00	46.32 1.87 0.00	44.65 1.84 0.00	39.80 1.79 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.23 3.31 0.00	42.43 2.81 0.00	38.79 2.26 0.00	36.54 2.10 0.00	34.76 1.75 0.00	34.79 1.56 0.00	35.97 1.75 0.00	35.95 1.81 0.00	34.04 1.74 0.00	33.34 1.86 0.00	34.07 2.11 0.00	35.28 2.22 0.00	36.15 2.43 0.00	37.14 2.62 0.00	40.16 2.80 0.00	41.52 2.93 0.00	48.32 3.54 0.00	50.51 3.04 0.00	61.11 3.19 0.00	56.83 2.60 0.00	52.26 2.49 0.00	46.94 2.49 0.00	45.25 2.44 0.00	40.41 2.39 0.00
PATROON__115KV_TB1 80586	46.06 0.14 0.00	39.98 0.36 0.00	36.82 0.29 0.00	34.78 0.34 0.00	33.31 0.30 0.00	33.56 0.33 0.00	34.46 0.24 0.00	34.31 0.17 0.00	32.43 0.13 0.00	31.60 0.13 0.00	32.19 0.22 0.00	33.13 0.07 0.00	33.89 0.17 0.00	34.69 0.17 0.00	37.58 0.22 0.00	38.94 0.35 0.00	45.05 0.27 0.00	47.76 0.28 0.00	58.21 0.29 0.00	54.50 0.27 0.00	49.97 0.20 0.00	44.76 0.31 0.00	43.11 0.30 0.00	38.43 0.42 0.00
PATTRSNVILLE___SOLAR 323815	47.20 1.28 0.00	40.77 1.15 0.00	37.51 0.99 0.00	35.44 1.00 0.00	33.93 0.92 0.00	34.12 0.90 0.00	35.14 0.92 0.00	34.86 0.72 0.00	32.65 0.36 0.00	31.64 0.16 0.00	32.06 0.10 0.00	33.13 0.07 0.00	33.85 0.14 0.00	34.69 0.17 0.00	37.62 0.26 0.00	39.01 0.43 0.00	45.45 0.67 0.00	48.57 1.09 0.00	59.66 1.74 0.00	55.96 1.73 0.00	51.32 1.54 0.00	45.87 1.42 0.00	44.14 1.33 0.00	39.19 1.18 0.00

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.16 -2.76 0.00	36.37 -3.25 0.00	33.39 -3.14 0.00	31.34 -3.10 0.00	30.34 -2.67 0.00	30.47 -2.76 0.00	31.69 -2.53 0.00	32.10 -2.05 0.00	30.78 -1.52 0.00	29.78 -1.70 0.00	29.66 -2.30 0.00	31.15 -1.92 0.00	31.73 -1.99 0.00	32.55 -1.97 0.00	35.34 -2.02 0.00	36.20 -2.39 0.00	41.59 -3.18 0.01	44.24 -3.23 0.00	54.44 -3.48 0.00	51.40 -2.77 0.05	46.84 -2.94 0.00	40.51 -3.07 0.87	39.94 -2.87 0.00	35.04 -2.96 0.01
PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.94 2.02 0.00	41.44 1.82 0.00	38.03 1.50 0.00	35.89 1.45 0.00	34.17 1.16 0.00	34.42 1.20 0.00	35.52 1.30 0.00	35.48 1.33 0.00	33.53 1.23 0.00	32.74 1.26 0.00	33.43 1.47 0.00	34.55 1.49 0.00	35.40 1.69 0.00	36.31 1.79 0.00	39.41 2.05 0.00	40.79 2.20 0.00	47.38 2.60 0.00	50.13 2.66 0.00	60.99 3.07 0.00	56.83 2.60 0.00	52.06 2.29 0.00	46.54 2.09 0.00	44.74 1.93 0.00	39.72 1.71 0.00
PEEKSKILL____ 23653	47.62 1.70 0.00	41.16 1.54 0.00	37.73 1.20 0.00	35.57 1.13 0.00	33.97 0.96 0.00	34.19 0.96 0.00	35.28 1.06 0.00	35.27 1.13 0.00	33.43 1.13 0.00	32.71 1.23 0.00	33.34 1.37 0.00	34.49 1.42 0.00	35.37 1.65 0.00	36.31 1.79 0.00	39.30 1.94 0.00	40.67 2.08 0.00	47.38 2.60 0.00	49.80 2.33 0.00	60.30 2.38 0.00	56.23 2.01 0.00	51.51 1.74 0.00	46.18 1.73 0.00	44.40 1.58 0.00	39.38 1.37 0.00
PGE MADISON____WINDPWR 24146	48.77 2.85 0.00	42.00 2.38 0.00	38.50 1.97 0.00	36.06 1.62 0.00	34.59 1.58 0.00	34.92 1.69 0.00	36.10 1.88 0.00	35.75 1.60 0.00	33.30 1.00 0.00	32.33 0.85 0.00	32.54 0.58 0.00	33.96 0.89 0.00	34.70 0.98 0.00	35.48 0.97 0.00	38.40 1.05 0.00	39.51 0.93 0.00	46.17 1.39 0.00	49.71 2.23 0.00	61.70 3.65 -0.13	58.01 3.74 -0.05	53.06 3.28 0.00	46.99 2.76 0.22	45.34 2.53 0.00	40.06 2.05 0.00
PIERCEFIELD____HYD 23852	46.56 0.64 0.00	40.17 0.55 0.00	37.04 0.51 0.00	34.92 0.48 0.00	33.41 0.40 0.00	33.76 0.53 0.00	34.70 0.48 0.00	34.45 0.31 0.00	32.56 0.26 0.00	31.73 0.25 0.00	32.22 0.26 0.00	33.30 0.23 0.00	34.02 0.30 0.00	34.83 0.31 0.00	37.58 0.22 0.00	38.86 0.27 0.00	45.14 0.36 0.00	47.90 0.43 0.00	58.61 0.64 -0.05	54.79 0.54 -0.02	50.62 0.85 0.00	45.12 0.67 0.00	43.41 0.60 0.00	38.62 0.61 0.00
PINELAWN_CC_1 323563	49.00 3.08 0.00	42.43 2.81 0.00	38.83 2.30 0.00	36.54 2.10 0.00	34.73 1.72 0.00	35.06 1.83 0.00	36.00 1.78 0.00	36.06 1.91 0.00	34.24 1.94 0.00	33.78 2.30 0.00	37.39 2.30 -3.12	39.99 2.35 -4.57	41.51 2.53 -5.26	47.21 2.69 -10.00	49.80 2.99 -9.46	50.86 3.16 -9.11	53.05 3.76 -4.50	62.13 3.61 -11.05	61.97 4.05 0.00	57.48 3.25 0.00	52.71 2.94 0.00	49.34 3.02 -1.86	45.72 2.91 0.00	40.52 2.51 0.00
PJM_GEN_HTP_PROXY 323702	48.03 2.11 0.00	41.48 1.86 0.00	37.99 1.46 0.00	35.78 1.34 0.00	34.16 1.15 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.51 1.37 0.00	33.75 1.45 0.00	33.02 1.54 0.00	33.66 1.69 0.00	34.85 1.78 0.00	35.71 1.99 0.00	36.69 2.18 0.00	39.67 2.32 0.00	41.06 2.47 0.00	47.87 3.09 0.00	50.13 2.66 0.00	60.53 2.61 0.00	56.34 2.11 0.00	51.71 1.94 0.00	46.46 2.00 0.00	44.74 1.93 0.00	39.68 1.67 0.00
PJM_GEN_KEystone 24065	38.00 -0.23 7.69	33.40 -0.43 5.78	29.94 -0.59 6.00	27.60 -0.59 6.25	27.95 -0.53 4.53	30.40 -0.57 2.26	32.33 -0.51 1.38	33.84 -0.31 0.00	32.20 -0.10 0.00	31.35 -0.13 0.00	31.84 -0.13 0.00	33.10 0.03 0.00	33.89 0.17 0.00	34.76 0.24 0.00	37.62 0.26 0.00	38.82 0.23 0.00	45.09 0.32 0.00	47.67 0.19 0.00	58.04 0.12 0.00	54.42 0.22 0.02	49.67 -0.10 0.00	43.83 -0.27 0.36	38.11 -0.26 4.45	34.50 -0.38 3.13
PJM_GEN_NEPTUNE_PROXY 323594	48.35 2.43 0.00	41.88 2.26 0.00	38.43 1.90 0.00	36.16 1.72 0.00	34.46 1.45 0.00	34.69 1.46 0.00	35.66 1.44 0.00	35.68 1.54 0.00	34.14 1.84 0.00	33.34 1.86 -0.01	36.97 1.89 -3.12	39.59 1.95 -4.57	41.11 2.13 -5.26	46.80 2.28 -10.00	49.28 2.46 -9.46	50.33 2.63 -9.11	52.51 3.23 -4.50	61.37 2.85 -11.05	60.87 2.95 0.00	56.67 2.44 0.00	52.11 2.34 0.00	48.67 2.35 -1.86	45.08 2.27 0.00	39.99 1.98 0.00
PJM_GEN_VFT_PROXY 323633	33.19 1.97 14.70	27.88 1.74 13.48	37.84 1.31 0.00	35.64 1.20 0.00	34.00 0.99 0.00	34.19 0.96 0.00	35.38 1.16 0.00	35.37 1.23 0.00	33.65 1.36 0.00	32.93 1.45 0.00	33.59 1.63 0.00	34.75 1.69 0.00	35.61 1.89 0.00	36.59 2.07 0.00	39.56 2.20 0.00	40.94 2.35 0.00	47.74 2.95 0.00	49.94 2.47 0.00	60.24 2.32 0.00	56.07 1.84 0.00	51.47 1.69 0.00	46.28 1.82 0.00	44.53 1.71 0.00	39.49 1.48 0.00
PLATSBURG_115KV_PMLD1 355749	46.75 0.83 0.00	40.29 0.67 0.00	37.22 0.69 0.00	35.13 0.69 0.00	33.67 0.66 0.00	33.93 0.70 0.00	34.87 0.65 0.00	34.76 0.61 0.00	32.94 0.65 0.00	32.08 0.60 0.00	32.54 0.58 0.00	33.70 0.63 0.00	34.39 0.67 0.00	35.21 0.69 0.00	37.99 0.64 0.00	39.24 0.66 0.00	45.54 0.76 0.00	48.28 0.81 0.00	58.96 1.04 0.00	55.15 0.92 0.00	50.77 1.00 0.00	45.25 0.80 0.00	43.54 0.73 0.00	38.73 0.72 0.00
PLEASANTVLY____LBMP 24000	47.30 1.38 0.00	40.89 1.27 0.00	37.51 0.99 0.00	35.37 0.93 0.00	33.77 0.76 0.00	34.02 0.80 0.00	35.08 0.86 0.00	35.03 0.89 0.00	33.17 0.87 0.00	32.42 0.94 0.00	33.11 1.15 0.00	34.22 1.16 0.00	35.03 1.32 0.00	35.97 1.45 0.00	38.92 1.57 0.00	40.29 1.70 0.00	46.80 2.02 0.00	49.28 1.80 0.00	59.77 1.85 0.00	55.80 1.57 0.00	51.12 1.34 0.00	45.83 1.38 0.00	44.10 1.28 0.00	39.15 1.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.89 1.97 0.00	41.40 1.78 0.00	37.95 1.42 0.00	35.78 1.34 0.00	34.10 1.09 0.00	34.36 1.13 0.00	35.45 1.23 0.00	35.44 1.30 0.00	33.56 1.26 0.00	32.83 1.35 0.00	33.53 1.57 0.00	34.65 1.59 0.00	35.47 1.75 0.00	36.45 1.93 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.94 2.47 0.00	60.64 2.72 0.00	56.50 2.28 0.00	51.76 1.99 0.00	46.41 1.96 0.00	44.65 1.84 0.00	39.61 1.60 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.89 1.97 0.00	41.40 1.78 0.00	37.95 1.42 0.00	35.78 1.34 0.00	34.10 1.09 0.00	34.36 1.13 0.00	35.45 1.23 0.00	35.44 1.30 0.00	33.56 1.26 0.00	32.83 1.35 0.00	33.53 1.57 0.00	34.65 1.59 0.00	35.47 1.75 0.00	36.45 1.93 0.00	39.48 2.13 0.00	40.83 2.24 0.00	47.47 2.69 0.00	49.94 2.47 0.00	60.64 2.72 0.00	56.50 2.28 0.00	51.76 1.99 0.00	46.41 1.96 0.00	44.65 1.84 0.00	39.61 1.60 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.62 1.70 0.00	41.12 1.51 0.00	37.77 1.24 0.00	35.61 1.17 0.00	33.97 0.96 0.00	34.22 1.00 0.00	35.25 1.03 0.00	35.17 1.02 0.00	33.23 0.94 0.00	32.45 0.98 0.00	33.11 1.15 0.00	34.22 1.16 0.00	35.03 1.32 0.00	35.97 1.45 0.00	38.96 1.61 0.00	40.36 1.78 0.00	46.98 2.19 0.00	49.61 2.14 0.00	60.29 2.37 0.00	56.28 2.06 0.00	51.56 1.79 0.00	46.19 1.73 0.00	44.40 1.58 0.00	39.42 1.41 0.00

POLETTI____ 23519	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.10 1.09 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.51 1.37 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.69 1.73 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.69 2.91 0.00	49.94 2.47 0.00	60.41 2.49 0.00	56.23 2.01 0.00	51.61 1.84 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.72 1.71 0.00
POMONA____ESR 323819	47.62 1.70 0.00	41.12 1.51 0.00	37.73 1.20 0.00	35.54 1.10 0.00	33.93 0.92 0.00	34.16 0.93 0.00	35.25 1.03 0.00	35.20 1.06 0.00	33.36 1.06 0.00	32.64 1.17 0.00	33.28 1.31 0.00	34.46 1.39 0.00	35.30 1.59 0.00	36.28 1.76 0.00	39.22 1.87 0.00	40.63 2.04 0.00	47.33 2.55 0.00	49.80 2.33 0.00	60.35 2.43 0.00	56.28 2.06 0.00	51.51 1.74 0.00	46.14 1.69 0.00	44.35 1.54 0.00	39.38 1.37 0.00
PORT_JEFF_3 23555	49.18 3.26 0.00	42.75 3.13 0.00	39.19 2.67 0.00	36.85 2.41 0.00	35.09 2.08 0.00	35.36 2.13 0.00	36.27 2.05 0.00	36.30 2.15 0.00	34.82 2.52 0.00	34.01 2.52 -0.01	37.49 2.40 -3.12	40.05 2.41 -4.57	41.58 2.60 -5.26	47.28 2.76 -10.00	49.84 3.02 -9.46	50.98 3.28 -9.11	53.45 4.17 -4.50	62.18 3.66 -11.05	61.97 4.05 0.00	57.64 3.42 0.00	53.11 3.34 0.00	49.47 3.16 -1.86	45.81 3.00 0.00	40.63 2.62 0.00
PORT_JEFF_4 23616	49.18 3.26 0.00	42.75 3.13 0.00	39.19 2.67 0.00	36.85 2.41 0.00	35.09 2.08 0.00	35.36 2.13 0.00	36.27 2.05 0.00	36.30 2.15 0.00	34.82 2.52 0.00	34.01 2.52 -0.01	37.49 2.40 -3.12	40.05 2.41 -4.57	41.58 2.60 -5.26	47.28 2.76 -10.00	49.84 3.02 -9.46	50.98 3.28 -9.11	53.45 4.17 -4.50	62.18 3.66 -11.05	61.97 4.05 0.00	57.64 3.42 0.00	53.11 3.34 0.00	49.47 3.16 -1.86	45.81 3.00 0.00	40.63 2.62 0.00
PORT_JEFF_IC 23713	49.27 3.35 0.00	42.79 3.17 0.00	39.16 2.63 0.00	36.85 2.41 0.00	34.99 1.98 0.00	35.32 2.09 0.00	36.24 2.02 0.00	36.30 2.15 0.00	34.49 2.20 0.00	34.09 2.61 0.00	37.65 2.56 -3.12	40.19 2.55 -4.57	41.68 2.70 -5.26	47.35 2.83 -10.00	49.95 3.14 -9.46	51.10 3.40 -9.11	53.45 4.16 -4.50	62.42 3.89 -11.05	62.32 4.40 0.00	57.80 3.58 0.00	53.01 3.24 0.00	49.56 3.25 -1.86	45.94 3.13 0.00	40.71 2.70 0.00
PPL PILGRIM_ST_GT1 24216	49.37 3.45 0.00	42.79 3.17 0.00	39.23 2.70 0.00	36.92 2.48 0.00	35.19 2.18 0.00	35.42 2.19 0.00	36.34 2.12 0.00	36.40 2.25 0.00	34.88 2.58 0.00	34.07 2.58 -0.01	37.61 2.52 -3.12	40.22 2.58 -4.57	41.75 2.77 -5.26	47.49 2.97 -10.00	50.06 3.25 -9.46	51.17 3.47 -9.11	53.54 4.26 -4.50	62.45 3.89 -11.08	62.21 4.29 0.00	57.75 3.52 0.00	53.20 3.43 0.00	49.69 3.38 -1.86	45.98 3.17 0.00	40.75 2.74 0.00
PPL PILGRIM_ST_GT2 24217	49.37 3.45 0.00	42.79 3.17 0.00	39.23 2.70 0.00	36.92 2.48 0.00	35.19 2.18 0.00	35.42 2.19 0.00	36.34 2.12 0.00	36.40 2.25 0.00	34.88 2.58 0.00	34.07 2.58 -0.01	37.61 2.52 -3.12	40.22 2.58 -4.57	41.75 2.77 -5.26	47.49 2.97 -10.00	50.06 3.25 -9.46	51.17 3.47 -9.11	53.54 4.26 -4.50	62.45 3.89 -11.08	62.21 4.29 0.00	57.75 3.52 0.00	53.20 3.43 0.00	49.69 3.38 -1.86	45.98 3.17 0.00	40.75 2.74 0.00
PPL_SHRM_GT3 24213	49.18 3.26 0.00	43.06 3.45 0.00	39.45 2.92 0.00	37.09 2.65 0.00	35.32 2.31 0.00	35.59 2.36 0.00	36.48 2.26 0.00	36.53 2.39 0.00	35.08 2.78 0.00	34.26 2.77 -0.01	37.55 2.46 -3.12	39.99 2.35 -4.57	41.51 2.53 -5.26	47.04 2.52 -10.00	49.58 2.76 -9.46	50.82 3.12 -9.11	53.58 4.30 -4.50	62.42 3.89 -11.05	62.15 4.23 0.00	57.64 3.42 0.00	53.16 3.39 0.00	49.30 2.98 -1.86	45.76 2.95 0.00	40.71 2.70 0.00
PPL_SHRM_GT4 24214	49.18 3.26 0.00	43.06 3.45 0.00	39.45 2.92 0.00	37.09 2.65 0.00	35.32 2.31 0.00	35.59 2.36 0.00	36.48 2.26 0.00	36.53 2.39 0.00	35.08 2.78 0.00	34.26 2.77 -0.01	37.55 2.46 -3.12	39.99 2.35 -4.57	41.51 2.53 -5.26	47.04 2.52 -10.00	49.58 2.76 -9.46	50.82 3.12 -9.11	53.58 4.30 -4.50	62.42 3.89 -11.05	62.15 4.23 0.00	57.64 3.42 0.00	53.16 3.39 0.00	49.30 2.98 -1.86	45.76 2.95 0.00	40.71 2.70 0.00
PROJECT____ORANGE 1 24174	45.28 -0.64 0.00	38.95 -0.67 0.00	35.94 -0.58 0.00	33.85 -0.59 0.00	32.48 -0.53 0.00	32.66 -0.56 0.00	33.67 -0.55 0.00	33.63 -0.51 0.00	31.85 -0.45 0.00	31.01 -0.47 0.00	31.42 -0.54 0.00	32.60 -0.46 0.00	33.11 -0.61 0.00	33.90 -0.62 0.00	36.68 -0.67 0.00	37.82 -0.77 0.00	43.93 -0.85 0.00	46.76 -0.71 0.00	57.40 -0.70 -0.18	53.74 -0.54 -0.05	49.17 -0.60 0.00	43.38 -0.67 0.40	42.21 -0.60 0.00	37.40 -0.61 0.00
PROJECT____ORANGE 2 24166	45.28 -0.64 0.00	38.95 -0.67 0.00	35.94 -0.58 0.00	33.85 -0.59 0.00	32.48 -0.53 0.00	32.66 -0.56 0.00	33.67 -0.55 0.00	33.63 -0.51 0.00	31.85 -0.45 0.00	31.01 -0.47 0.00	31.42 -0.54 0.00	32.60 -0.46 0.00	33.11 -0.61 0.00	33.90 -0.62 0.00	36.68 -0.67 0.00	37.82 -0.77 0.00	43.93 -0.85 0.00	46.76 -0.71 0.00	57.40 -0.70 -0.18	53.74 -0.54 -0.05	49.17 -0.60 0.00	43.38 -0.67 0.40	42.21 -0.60 0.00	37.40 -0.61 0.00
PUCKETT____SOLAR 323809	46.52 0.60 0.00	39.97 0.36 0.00	36.75 0.22 0.00	34.54 0.10 0.00	33.18 0.17 0.00	33.36 0.13 0.00	34.39 0.17 0.00	34.32 0.17 0.00	32.36 0.06 0.00	31.38 -0.09 0.00	31.74 -0.22 0.00	32.97 -0.10 0.00	33.65 -0.07 0.00	34.48 -0.03 0.00	37.32 -0.04 0.00	38.51 -0.08 0.00	44.82 0.04 0.00	47.85 0.38 0.00	58.91 0.87 -0.12	55.35 1.08 -0.04	50.57 0.79 0.00	44.75 0.54 0.24	43.28 0.47 0.00	38.31 0.30 0.00
PYRITES____HYD 24023	47.21 1.29 0.00	40.77 1.15 0.00	37.55 1.02 0.00	35.40 0.96 0.00	33.84 0.83 0.00	34.19 0.96 0.00	35.21 0.99 0.00	34.90 0.75 0.00	32.81 0.52 0.00	31.95 0.47 0.00	32.38 0.42 0.00	33.46 0.40 0.00	34.19 0.47 0.00	35.03 0.52 0.00	37.80 0.45 0.00	39.09 0.50 0.00	45.54 0.76 0.00	48.42 0.95 0.00	59.42 1.45 -0.05	55.55 1.30 -0.02	51.36 1.59 0.00	45.79 1.33 0.00	44.05 1.24 0.00	39.15 1.14 0.00
QUAKERRD_115KV_BK1 80622	44.18 -1.74 0.00	37.60 -2.02 0.00	34.63 -1.90 0.00	32.54 -1.89 0.00	31.39 -1.62 0.00	31.57 -1.66 0.00	32.58 -1.64 0.00	32.81 -1.33 0.00	31.26 -1.03 0.00	30.35 -1.13 0.00	30.56 -1.41 0.00	31.84 -1.22 0.00	32.40 -1.32 0.00	33.17 -1.35 0.00	35.90 -1.46 0.00	36.85 -1.74 0.00	42.76 -2.02 0.01	45.58 -1.90 0.00	55.89 -2.03 0.00	52.48 -1.68 0.06	48.08 -1.69 0.00	41.76 -1.73 0.96	41.19 -1.63 0.00	36.41 -1.60 0.01
QUENSBRY_115KV_TB8 356137	47.57 1.65 0.00	41.12 1.51 0.00	37.88 1.35 0.00	35.78 1.34 0.00	34.20 1.19 0.00	34.46 1.23 0.00	35.38 1.16 0.00	35.13 0.99 0.00	32.98 0.68 0.00	32.01 0.54 0.00	32.38 0.42 0.00	33.27 0.20 0.00	34.06 0.34 0.00	34.55 0.03 0.00	37.50 0.15 0.00	38.90 0.31 0.00	45.19 0.40 0.00	48.42 0.95 0.00	60.06 2.14 0.00	56.45 2.22 0.00	51.96 2.19 0.00	46.50 2.04 0.00	44.70 1.88 0.00	39.72 1.71 0.00

RAMAPO____LBMP 323565	47.39 1.47 0.00	40.97 1.35 0.00	37.55 1.02 0.00	35.40 0.96 0.00	33.77 0.76 0.00	34.02 0.80 0.00	35.11 0.89 0.00	35.10 0.96 0.00	33.23 0.94 0.00	32.52 1.04 0.00	33.18 1.21 0.00	34.36 1.29 0.00	35.20 1.48 0.00	36.14 1.62 0.00	39.11 1.76 0.00	40.48 1.89 0.00	47.07 2.28 0.00	49.52 2.04 0.00	60.12 2.20 0.00	56.07 1.84 0.00	51.31 1.54 0.00	45.96 1.51 0.00	44.23 1.41 0.00	39.23 1.22 0.00
RANKINE____ 23646	43.81 -2.11 0.00	36.96 -2.65 0.00	33.93 -2.59 0.00	31.86 -2.58 0.00	30.86 -2.15 0.00	30.97 -2.26 0.00	32.17 -2.05 0.00	32.57 -1.57 0.00	31.23 -1.07 0.00	30.22 -1.26 0.00	30.08 -1.89 0.00	31.61 -1.45 0.00	32.20 -1.52 0.00	33.00 -1.52 0.00	35.82 -1.53 0.00	36.66 -1.93 0.00	42.22 -2.55 0.01	44.91 -2.56 0.00	55.20 -2.72 0.00	52.11 -2.06 0.05	47.48 -2.29 0.00	41.14 -2.44 0.87	40.54 -2.27 0.00	35.65 -2.36 0.01
RAVENSWOOD_GT2_1 24244	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.10 1.09 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.51 1.37 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.69 2.91 0.00	49.94 2.47 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.72 1.71 0.00
RAVENSWOOD_GT2_2 24245	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.10 1.09 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.51 1.37 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.69 2.91 0.00	49.94 2.47 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.72 1.71 0.00
RAVENSWOOD_GT2_3 24246	48.12 2.20 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.99 2.52 0.00	60.47 2.55 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.50 2.04 0.00	44.78 1.97 0.00	39.72 1.71 0.00
RAVENSWOOD_GT2_4 24247	48.12 2.20 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.72 1.42 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.99 2.52 0.00	60.47 2.55 0.00	56.34 2.11 0.00	51.66 1.89 0.00	46.50 2.04 0.00	44.78 1.97 0.00	39.72 1.71 0.00
RAVENSWOOD_GT3_1 24248	48.08 2.16 0.00	41.52 1.90 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.94 2.47 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.72 1.71 0.00
RAVENSWOOD_GT3_2 24249	48.08 2.16 0.00	41.52 1.90 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.94 2.47 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.72 1.71 0.00
RAVENSWOOD_GT3_3 24250	48.17 2.25 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.17 1.16 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.58 1.43 0.00	33.75 1.45 0.00	33.05 1.57 0.00	33.75 1.79 0.00	34.92 1.85 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	47.78 3.00 0.00	50.04 2.56 0.00	60.58 2.66 0.00	56.39 2.17 0.00	51.76 1.99 0.00	46.54 2.09 0.00	44.82 2.01 0.00	39.76 1.75 0.00
RAVENSWOOD_GT3_4 24251	48.17 2.25 0.00	41.60 1.98 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.17 1.16 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.58 1.43 0.00	33.75 1.45 0.00	33.05 1.57 0.00	33.75 1.79 0.00	34.92 1.85 0.00	35.81 2.09 0.00	36.79 2.28 0.00	39.78 2.43 0.00	41.17 2.59 0.00	47.78 3.00 0.00	50.04 2.56 0.00	60.58 2.66 0.00	56.39 2.17 0.00	51.76 1.99 0.00	46.54 2.09 0.00	44.82 2.01 0.00	39.76 1.75 0.00
RAVENSWOOD_GT_1 23729	48.26 2.34 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.89 1.45 0.00	34.17 1.16 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.51 1.37 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.78 2.06 0.00	36.76 2.24 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.78 3.00 0.00	49.99 2.52 0.00	60.41 2.49 0.00	56.23 2.01 0.00	51.71 1.94 0.00	46.50 2.04 0.00	44.82 2.01 0.00	39.80 1.79 0.00
RAVENSWOOD_GT_10 24258	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.10 1.09 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.94 2.47 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.72 1.71 0.00
RAVENSWOOD_GT_11 24259	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.10 1.09 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.94 2.47 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.72 1.71 0.00
RAVENSWOOD_GT_4 24252	48.17 2.25 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.85 1.41 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.99 2.52 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.50 2.04 0.00	44.78 1.97 0.00	39.76 1.75 0.00
RAVENSWOOD_GT_5 24254	48.17 2.25 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.85 1.41 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.99 2.52 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.50 2.04 0.00	44.78 1.97 0.00	39.76 1.75 0.00

RAVENSWOOD_GT_6 24253	48.17 2.25 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.85 1.41 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.99 2.52 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.50 2.04 0.00	44.78 1.97 0.00	39.76 1.75 0.00
RAVENSWOOD_GT_7 24255	48.17 2.25 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.85 1.41 0.00	34.13 1.12 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.78 2.06 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.99 2.52 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.50 2.04 0.00	44.78 1.97 0.00	39.76 1.75 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.10 1.09 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.94 2.47 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.72 1.71 0.00
RAVENSWOOD_GT_9 24257	48.08 2.16 0.00	41.52 1.90 0.00	37.99 1.46 0.00	35.82 1.38 0.00	34.10 1.09 0.00	34.36 1.13 0.00	35.52 1.30 0.00	35.54 1.40 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.72 1.76 0.00	34.89 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.75 2.39 0.00	41.10 2.51 0.00	47.74 2.96 0.00	49.94 2.47 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.66 1.89 0.00	46.45 2.00 0.00	44.78 1.97 0.00	39.72 1.71 0.00
RAVENSWOOD___1 23533	48.26 2.34 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.51 1.37 0.00	33.75 1.45 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.78 2.06 0.00	36.76 2.24 0.00	39.71 2.35 0.00	41.10 2.51 0.00	48.01 3.23 0.00	50.13 2.66 0.00	60.41 2.49 0.00	56.23 2.01 0.00	51.66 1.89 0.00	46.50 2.05 0.00	44.78 1.97 0.00	39.80 1.79 0.00
RAVENSWOOD___2 23534	48.26 2.34 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.51 1.37 0.00	33.75 1.45 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.78 2.06 0.00	36.76 2.24 0.00	39.71 2.35 0.00	41.10 2.51 0.00	48.01 3.23 0.00	50.13 2.66 0.00	60.41 2.49 0.00	56.23 2.01 0.00	51.66 1.89 0.00	46.50 2.05 0.00	44.78 1.97 0.00	39.80 1.79 0.00
RAVENSWOOD___3 23535	48.08 2.16 0.00	41.52 1.90 0.00	38.03 1.50 0.00	35.82 1.38 0.00	34.20 1.19 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.54 1.40 0.00	33.75 1.45 0.00	33.05 1.57 0.00	33.69 1.72 0.00	34.88 1.82 0.00	35.74 2.02 0.00	36.73 2.21 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.92 3.13 0.00	50.08 2.61 0.00	60.47 2.55 0.00	56.28 2.06 0.00	51.61 1.84 0.00	46.46 2.00 0.00	44.78 1.97 0.00	39.72 1.71 0.00
RAVENSWOOD___4 23820	48.26 2.34 0.00	41.64 2.02 0.00	38.10 1.57 0.00	35.88 1.45 0.00	34.23 1.22 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.51 1.37 0.00	33.75 1.45 0.00	33.02 1.54 0.00	33.72 1.76 0.00	34.92 1.85 0.00	35.78 2.06 0.00	36.76 2.24 0.00	39.71 2.35 0.00	41.10 2.51 0.00	48.01 3.23 0.00	50.13 2.66 0.00	60.41 2.49 0.00	56.23 2.01 0.00	51.66 1.89 0.00	46.50 2.05 0.00	44.78 1.97 0.00	39.80 1.79 0.00
RCPI_TRUST___DRP 24196	48.12 2.20 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.85 1.41 0.00	34.13 1.12 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.58 1.43 0.00	33.75 1.45 0.00	33.05 1.57 0.00	33.75 1.79 0.00	34.92 1.85 0.00	35.78 2.06 0.00	36.76 2.24 0.00	39.78 2.43 0.00	41.14 2.55 0.00	47.78 3.00 0.00	50.13 2.66 0.00	60.64 2.72 0.00	56.50 2.28 0.00	51.81 2.04 0.00	46.54 2.09 0.00	44.82 2.01 0.00	39.76 1.75 0.00
RED___ROCHESTER 323720	45.28 -0.64 0.00	38.43 -1.19 0.00	35.36 -1.17 0.00	33.20 -1.24 0.00	32.09 -0.92 0.00	32.26 -0.96 0.00	33.26 -0.96 0.00	33.60 -0.55 0.00	32.07 -0.22 0.00	31.04 -0.44 0.00	31.42 -0.54 0.00	32.64 -0.43 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.87 -0.49 0.00	37.82 -0.77 0.00	43.88 -0.90 0.01	46.76 -0.71 0.00	57.52 -0.40 0.00	53.95 -0.22 0.06	49.43 -0.35 0.00	42.88 -0.58 0.99	42.38 -0.43 0.00	37.32 -0.68 0.01
REGAN___SOLAR 323812	48.58 2.66 0.00	41.92 2.30 0.00	38.54 2.01 0.00	36.37 1.93 0.00	34.79 1.78 0.00	35.02 1.79 0.00	36.03 1.81 0.00	35.41 1.26 0.00	32.62 0.32 0.00	31.29 -0.19 0.00	31.74 -0.22 0.00	32.84 -0.23 0.00	33.58 -0.13 0.00	34.41 -0.10 0.00	37.32 -0.04 0.00	38.74 0.15 0.00	45.41 0.63 0.00	49.28 1.80 0.00	61.40 3.47 0.00	57.86 3.63 0.00	53.01 3.23 0.00	47.34 2.89 0.00	45.51 2.70 0.00	40.37 2.36 0.00
RENSSELAER___COGEN 23796	45.87 -0.05 0.00	39.82 0.20 0.00	36.67 0.15 0.00	34.65 0.21 0.00	33.21 0.20 0.00	33.43 0.20 0.00	34.36 0.14 0.00	34.21 0.07 0.00	32.30 0.00 0.00	31.51 0.03 0.00	32.03 0.06 0.00	33.03 -0.03 0.00	33.79 0.07 0.00	34.59 0.07 0.00	37.43 0.07 0.00	38.82 0.23 0.00	44.87 0.09 0.00	47.57 0.10 0.00	57.98 0.06 0.00	54.22 0.00 0.00	49.72 -0.05 0.00	44.59 0.13 0.00	42.90 0.09 0.00	38.24 0.23 0.00
REPUBLIC_115KV_BARTNBRK 55605	50.37 4.45 0.00	43.46 3.84 0.00	40.00 3.47 0.00	37.78 3.34 0.00	36.08 3.07 0.00	36.32 3.09 0.00	37.23 3.01 0.00	36.91 2.77 0.00	34.40 2.10 0.00	33.30 1.83 0.00	33.75 1.79 0.00	34.62 1.55 0.00	35.44 1.72 0.00	35.93 1.42 0.00	39.00 1.64 0.00	40.56 1.97 0.00	47.29 2.51 0.00	51.18 3.70 0.00	64.00 6.08 0.00	60.24 6.02 0.00	55.30 5.52 0.00	49.43 4.98 0.00	47.52 4.71 0.00	42.16 4.14 0.00
REVERE_CPPR_DRP 24186	47.25 1.33 0.00	40.77 1.15 0.00	37.51 0.99 0.00	35.23 0.79 0.00	33.77 0.76 0.00	34.06 0.83 0.00	35.21 0.99 0.00	34.96 0.82 0.00	32.78 0.48 0.00	31.92 0.44 0.00	32.35 0.38 0.00	33.50 0.43 0.00	34.12 0.40 0.00	34.93 0.41 0.00	37.80 0.45 0.00	39.01 0.42 0.00	45.41 0.63 0.00	48.52 1.04 0.00	59.69 1.68 -0.09	55.93 1.68 -0.03	51.31 1.54 0.00	45.57 1.29 0.17	44.01 1.20 0.00	39.04 1.03 0.00
REYNLDPA_13_KV_LD 356490	46.29 0.37 0.00	40.06 0.44 0.00	37.00 0.47 0.00	34.89 0.45 0.00	33.44 0.43 0.00	33.69 0.46 0.00	34.63 0.41 0.00	34.49 0.34 0.00	32.65 0.36 0.00	31.83 0.35 0.00	32.32 0.35 0.00	33.43 0.36 0.00	34.16 0.44 0.00	34.96 0.45 0.00	37.84 0.48 0.00	38.97 0.39 0.00	45.23 0.45 0.00	47.57 0.10 0.00	57.98 0.06 0.00	54.28 0.05 0.00	50.42 0.65 0.00	44.99 0.54 0.00	43.33 0.52 0.00	38.51 0.49 0.00

REYNOLDS_115KV_TB3 80639	46.20 0.28 0.00	40.05 0.44 0.00	36.89 0.37 0.00	34.89 0.45 0.00	33.41 0.40 0.00	33.66 0.43 0.00	34.60 0.38 0.00	34.45 0.31 0.00	32.56 0.26 0.00	31.73 0.25 0.00	32.32 0.35 0.00	33.27 0.20 0.00	34.02 0.30 0.00	34.79 0.28 0.00	37.73 0.37 0.00	39.09 0.50 0.00	45.23 0.45 0.00	47.90 0.43 0.00	58.33 0.41 0.00	54.60 0.38 0.00	50.12 0.35 0.00	44.90 0.44 0.00	43.24 0.43 0.00	38.47 0.46 0.00
RIVERBAY____ 323610	49.23 3.31 0.00	42.43 2.81 0.00	38.79 2.26 0.00	36.54 2.10 0.00	34.76 1.75 0.00	34.79 1.56 0.00	35.97 1.75 0.00	35.95 1.81 0.00	34.04 1.74 0.00	33.34 1.86 0.00	34.07 2.11 0.00	35.28 2.22 0.00	36.15 2.43 0.00	37.14 2.62 0.00	40.16 2.80 0.00	41.52 2.93 0.00	48.32 3.54 0.00	50.51 3.04 0.00	61.11 3.19 0.00	56.83 2.60 0.00	52.26 2.49 0.00	46.94 2.49 0.00	45.25 2.44 0.00	40.41 2.39 0.00
RIVERSDE_115KV_TB3 55908	46.06 0.14 0.00	39.98 0.36 0.00	36.82 0.29 0.00	34.78 0.34 0.00	33.31 0.30 0.00	33.56 0.33 0.00	34.49 0.27 0.00	34.35 0.20 0.00	32.46 0.16 0.00	31.64 0.16 0.00	32.22 0.26 0.00	33.17 0.10 0.00	33.92 0.20 0.00	34.69 0.17 0.00	37.62 0.26 0.00	38.97 0.39 0.00	45.10 0.31 0.00	47.76 0.28 0.00	58.21 0.29 0.00	54.50 0.27 0.00	49.97 0.20 0.00	44.76 0.31 0.00	43.11 0.30 0.00	38.39 0.38 0.00
ROARING____BROOK_WT_PWR 323790	45.83 -0.09 0.00	39.54 -0.08 0.00	36.45 -0.07 0.00	34.37 -0.07 0.00	32.94 -0.07 0.00	33.16 -0.07 0.00	34.15 -0.07 0.00	34.08 -0.07 0.00	32.27 -0.03 0.00	31.42 -0.06 0.00	31.90 -0.06 0.00	33.00 -0.07 0.00	33.62 -0.10 0.00	34.41 -0.10 0.00	37.21 -0.15 0.00	38.40 -0.19 0.00	44.52 -0.27 0.00	47.19 -0.28 0.00	57.52 -0.40 0.00	53.79 -0.44 0.00	49.37 -0.40 0.00	44.10 -0.36 0.00	42.51 -0.30 0.00	37.82 -0.19 0.00
ROCHESRG_115KV_T4 355643	44.77 -1.15 0.00	38.03 -1.58 0.00	34.99 -1.53 0.00	32.89 -1.55 0.00	31.79 -1.22 0.00	31.93 -1.30 0.00	32.99 -1.23 0.00	33.29 -0.85 0.00	31.75 -0.55 0.00	30.79 -0.69 0.00	30.94 -1.02 0.00	32.27 -0.79 0.00	32.88 -0.84 0.00	33.65 -0.86 0.00	36.46 -0.90 0.00	37.39 -1.20 0.00	43.34 -1.43 0.01	46.19 -1.28 0.00	56.70 -1.22 0.00	53.29 -0.87 0.06	48.73 -1.05 0.00	42.24 -1.20 1.01	41.74 -1.07 0.00	36.86 -1.14 0.01
ROCHESTER_9_IC 23652	45.09 -0.83 0.00	38.27 -1.35 0.00	35.21 -1.31 0.00	33.10 -1.34 0.00	31.99 -1.02 0.00	32.13 -1.10 0.00	33.19 -1.03 0.00	33.50 -0.65 0.00	31.98 -0.32 0.00	30.98 -0.50 0.00	31.13 -0.83 0.00	32.50 -0.56 0.00	33.11 -0.61 0.00	33.90 -0.62 0.00	36.72 -0.64 0.00	37.62 -0.96 0.00	43.70 -1.07 0.01	46.57 -0.90 0.00	57.23 -0.70 0.00	53.78 -0.38 0.06	49.17 -0.60 0.00	42.66 -0.80 0.99	42.08 -0.73 0.00	37.13 -0.87 0.01
ROCKVIEW_13_KV_LD 356306	48.08 2.16 0.00	41.52 1.90 0.00	38.06 1.53 0.00	35.85 1.41 0.00	34.17 1.16 0.00	34.42 1.20 0.00	35.59 1.37 0.00	35.58 1.43 0.00	33.69 1.39 0.00	32.99 1.51 0.00	33.69 1.73 0.00	34.85 1.79 0.00	35.71 1.99 0.00	36.69 2.17 0.00	39.71 2.35 0.00	41.10 2.51 0.00	47.74 2.96 0.00	50.18 2.71 0.00	60.87 2.95 0.00	56.72 2.49 0.00	52.01 2.24 0.00	46.63 2.18 0.00	44.82 2.01 0.00	39.76 1.75 0.00
ROME____115KV_TB2 80656	47.25 1.33 0.00	40.77 1.15 0.00	37.51 0.99 0.00	35.23 0.79 0.00	33.77 0.76 0.00	34.06 0.83 0.00	35.21 0.99 0.00	34.96 0.82 0.00	32.78 0.48 0.00	31.92 0.44 0.00	32.35 0.38 0.00	33.50 0.43 0.00	34.12 0.40 0.00	34.93 0.41 0.00	37.80 0.45 0.00	39.01 0.42 0.00	45.41 0.63 0.00	48.52 1.04 0.00	59.69 1.68 -0.09	55.93 1.68 -0.03	51.31 1.54 0.00	45.57 1.29 0.17	44.01 1.20 0.00	39.04 1.03 0.00
ROSETON____1 23587	47.25 1.33 0.00	40.85 1.23 0.00	37.48 0.95 0.00	35.33 0.89 0.00	33.77 0.76 0.00	33.99 0.76 0.00	35.08 0.86 0.00	35.00 0.85 0.00	33.17 0.87 0.00	32.42 0.94 0.00	33.05 1.09 0.00	34.16 1.09 0.00	35.00 1.28 0.00	35.90 1.38 0.00	38.85 1.50 0.00	40.25 1.66 0.00	46.80 2.02 0.00	49.28 1.80 0.00	59.77 1.85 0.00	55.74 1.52 0.00	51.06 1.29 0.00	45.79 1.33 0.00	44.05 1.24 0.00	39.12 1.10 0.00
ROSETON____2 23588	47.25 1.33 0.00	40.85 1.23 0.00	37.48 0.95 0.00	35.33 0.89 0.00	33.77 0.76 0.00	33.99 0.76 0.00	35.08 0.86 0.00	35.00 0.85 0.00	33.17 0.87 0.00	32.42 0.94 0.00	33.05 1.09 0.00	34.16 1.09 0.00	35.00 1.28 0.00	35.90 1.38 0.00	38.85 1.50 0.00	40.25 1.66 0.00	46.80 2.02 0.00	49.28 1.80 0.00	59.77 1.85 0.00	55.74 1.52 0.00	51.06 1.29 0.00	45.79 1.33 0.00	44.05 1.24 0.00	39.12 1.10 0.00
ROTTTRDAM_115KV_TB3 80664	46.75 0.83 0.00	40.37 0.75 0.00	37.19 0.66 0.00	35.09 0.65 0.00	33.60 0.59 0.00	33.83 0.60 0.00	34.80 0.58 0.00	34.66 0.51 0.00	32.69 0.39 0.00	31.79 0.31 0.00	32.32 0.35 0.00	33.33 0.26 0.00	34.06 0.34 0.00	34.86 0.35 0.00	37.77 0.41 0.00	39.13 0.54 0.00	45.41 0.63 0.00	48.23 0.76 0.00	59.02 1.10 0.00	55.25 1.03 0.00	50.72 0.95 0.00	45.34 0.89 0.00	43.67 0.86 0.00	38.77 0.76 0.00
RUSSELL____1 23602	45.28 -0.64 0.00	38.43 -1.19 0.00	35.36 -1.17 0.00	33.20 -1.24 0.00	32.09 -0.92 0.00	32.26 -0.96 0.00	33.33 -0.89 0.00	33.63 -0.51 0.00	32.10 -0.19 0.00	31.10 -0.38 0.00	31.26 -0.70 0.00	32.64 -0.43 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.87 -0.49 0.00	37.82 -0.77 0.00	43.88 -0.90 0.01	46.81 -0.66 0.00	57.51 -0.41 0.00	54.05 -0.11 0.06	49.42 -0.35 0.00	42.89 -0.58 0.99	42.30 -0.51 0.00	37.32 -0.68 0.01
RUSSELL____2 23532	45.28 -0.64 0.00	38.43 -1.19 0.00	35.36 -1.17 0.00	33.20 -1.24 0.00	32.09 -0.92 0.00	32.26 -0.96 0.00	33.33 -0.89 0.00	33.63 -0.51 0.00	32.10 -0.19 0.00	31.10 -0.38 0.00	31.26 -0.70 0.00	32.64 -0.43 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.87 -0.49 0.00	37.82 -0.77 0.00	43.88 -0.90 0.01	46.81 -0.66 0.00	57.51 -0.41 0.00	54.05 -0.11 0.06	49.42 -0.35 0.00	42.89 -0.58 0.99	42.30 -0.51 0.00	37.32 -0.68 0.01
RUSSELL____3 23549	45.28 -0.64 0.00	38.43 -1.19 0.00	35.36 -1.17 0.00	33.20 -1.24 0.00	32.09 -0.92 0.00	32.26 -0.96 0.00	33.33 -0.89 0.00	33.63 -0.51 0.00	32.10 -0.19 0.00	31.10 -0.38 0.00	31.26 -0.70 0.00	32.64 -0.43 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.87 -0.49 0.00	37.82 -0.77 0.00	43.88 -0.90 0.01	46.81 -0.66 0.00	57.51 -0.41 0.00	54.05 -0.11 0.06	49.42 -0.35 0.00	42.89 -0.58 0.99	42.30 -0.51 0.00	37.32 -0.68 0.01
RUSSELL____4 23556	45.28 -0.64 0.00	38.43 -1.19 0.00	35.36 -1.17 0.00	33.20 -1.24 0.00	32.09 -0.92 0.00	32.26 -0.96 0.00	33.33 -0.89 0.00	33.63 -0.51 0.00	32.10 -0.19 0.00	31.10 -0.38 0.00	31.26 -0.70 0.00	32.64 -0.43 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.87 -0.49 0.00	37.82 -0.77 0.00	43.88 -0.90 0.01	46.81 -0.66 0.00	57.51 -0.41 0.00	54.05 -0.11 0.06	49.42 -0.35 0.00	42.89 -0.58 0.99	42.30 -0.51 0.00	37.32 -0.68 0.01

RUSSELL___STATION 23914	45.28 -0.64 0.00	38.43 -1.19 0.00	35.36 -1.17 0.00	33.20 -1.24 0.00	32.09 -0.92 0.00	32.26 -0.96 0.00	33.33 -0.89 0.00	33.63 -0.51 0.00	32.10 -0.19 0.00	31.10 -0.38 0.00	31.26 -0.70 0.00	32.64 -0.43 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.87 -0.49 0.00	37.82 -0.77 0.00	43.88 -0.90 0.01	46.81 -0.66 0.00	57.51 -0.41 0.00	54.05 -0.11 0.06	49.42 -0.35 0.00	42.89 -0.58 0.99	42.30 -0.51 0.00	37.32 -0.68 0.01
S SALMON___HYD 24043	45.83 -0.09 0.00	39.46 -0.16 0.00	36.38 -0.15 0.00	34.20 -0.24 0.00	32.81 -0.20 0.00	33.06 -0.17 0.00	34.12 -0.10 0.00	33.97 -0.17 0.00	32.01 -0.29 0.00	31.13 -0.35 0.00	31.55 -0.42 0.00	32.54 -0.53 0.00	33.04 -0.67 0.00	33.79 -0.73 0.00	36.57 -0.79 0.00	37.74 -0.85 0.00	43.98 -0.80 0.00	47.09 -0.38 0.00	58.13 -0.17 -0.38	54.35 -0.05 -0.18	49.72 -0.05 0.00	44.70 0.00 -0.24	42.81 0.00 0.00	37.90 -0.11 0.00
S.PERRY___115KV_TB1 80734	46.61 0.69 0.00	39.54 -0.08 0.00	36.31 -0.22 0.00	34.09 -0.34 0.00	32.98 -0.03 0.00	33.09 -0.13 0.00	34.25 0.03 0.00	34.49 0.34 0.00	32.65 0.36 0.00	31.45 -0.03 0.00	31.39 -0.58 0.00	32.77 -0.30 0.00	33.38 -0.34 0.00	34.17 -0.35 0.00	37.02 -0.34 0.00	38.09 -0.50 0.00	44.42 -0.36 0.01	47.76 0.28 0.00	59.25 1.33 0.00	55.97 1.79 0.05	51.12 1.34 0.00	44.44 0.76 0.76	43.58 0.77 0.00	38.42 0.42 0.01
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.72 -2.20 0.00	36.85 -2.77 0.00	33.86 -2.67 0.00	31.79 -2.65 0.00	30.80 -2.21 0.00	30.90 -2.33 0.00	32.06 -2.16 0.00	32.51 -1.64 0.00	31.20 -1.10 0.00	30.16 -1.32 0.00	30.05 -1.92 0.00	31.55 -1.52 0.00	32.13 -1.58 0.00	32.93 -1.59 0.00	35.75 -1.61 0.00	36.58 -2.01 0.00	42.13 -2.64 0.01	44.82 -2.66 0.00	55.02 -2.90 0.00	51.95 -2.22 0.06	47.38 -2.39 0.00	40.98 -2.58 0.89	40.50 -2.31 0.00	35.61 -2.39 0.01
SAWYER___23_KV_LOAD 55526	43.72 -2.20 0.00	36.85 -2.77 0.00	33.86 -2.67 0.00	31.79 -2.65 0.00	30.80 -2.21 0.00	30.90 -2.33 0.00	32.06 -2.16 0.00	32.51 -1.64 0.00	31.20 -1.10 0.00	30.16 -1.32 0.00	30.05 -1.92 0.00	31.55 -1.52 0.00	32.13 -1.58 0.00	32.93 -1.59 0.00	35.75 -1.61 0.00	36.58 -2.01 0.00	42.13 -2.64 0.01	44.82 -2.66 0.00	55.02 -2.90 0.00	51.95 -2.22 0.06	47.38 -2.39 0.00	40.98 -2.58 0.89	40.50 -2.31 0.00	35.61 -2.39 0.01
SELKIRK___I 23801	46.52 0.60 0.00	40.29 0.67 0.00	37.08 0.55 0.00	35.02 0.58 0.00	33.54 0.53 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.49 0.34 0.00	32.46 0.16 0.00	31.61 0.13 0.00	32.16 0.19 0.00	33.17 0.10 0.00	33.89 0.17 0.00	34.69 0.17 0.00	37.58 0.23 0.00	38.93 0.35 0.00	45.14 0.36 0.00	48.00 0.52 0.00	58.62 0.70 0.00	54.93 0.70 0.00	50.37 0.60 0.00	45.07 0.62 0.00	43.46 0.64 0.00	38.66 0.65 0.00
SELKIRK___II 23799	46.10 0.18 0.00	39.93 0.32 0.00	36.79 0.26 0.00	34.75 0.31 0.00	33.27 0.26 0.00	33.49 0.26 0.00	34.46 0.24 0.00	34.32 0.17 0.00	32.43 0.13 0.00	31.64 0.16 0.00	32.16 0.19 0.00	33.17 0.10 0.00	33.92 0.20 0.00	34.73 0.21 0.00	37.58 0.23 0.00	38.93 0.35 0.00	45.10 0.32 0.00	47.76 0.29 0.00	58.21 0.29 0.00	54.44 0.22 0.00	49.92 0.15 0.00	44.72 0.27 0.00	43.07 0.26 0.00	38.35 0.34 0.00
SENECA OSWGO___HYD 24041	44.95 -0.97 0.00	38.71 -0.91 0.00	35.76 -0.77 0.00	33.68 -0.76 0.00	32.32 -0.69 0.00	32.50 -0.73 0.00	33.50 -0.72 0.00	33.46 -0.68 0.00	31.65 -0.65 0.00	30.85 -0.63 0.00	31.29 -0.67 0.00	32.37 -0.70 0.00	32.88 -0.84 0.00	33.62 -0.90 0.00	36.38 -0.97 0.00	37.55 -1.04 0.00	43.62 -1.16 -0.01	46.43 -1.04 0.00	57.39 -1.10 -0.57	53.55 -0.97 -0.30	48.82 -0.95 0.00	44.21 -0.94 -0.69	41.96 -0.86 0.00	37.18 -0.84 -0.01
SENECA___115KV_TB3 355854	43.90 -2.02 0.00	37.00 -2.62 0.00	33.97 -2.56 0.00	31.89 -2.55 0.00	30.93 -2.08 0.00	31.03 -2.19 0.00	32.10 -2.12 0.00	32.61 -1.54 0.00	31.30 -1.00 0.00	30.09 -1.38 0.00	30.37 -1.60 0.00	31.64 -1.42 0.00	32.23 -1.48 0.00	33.03 -1.48 0.00	35.86 -1.50 0.00	36.74 -1.85 0.00	42.22 -2.55 0.01	44.91 -2.56 0.00	55.26 -2.66 0.00	52.00 -2.17 0.05	47.53 -2.24 0.00	41.14 -2.44 0.87	40.72 -2.10 0.00	35.68 -2.32 0.01
SENECA___ENERGY 23797	45.51 -0.41 0.00	38.98 -0.64 0.00	35.91 -0.62 0.00	33.78 -0.66 0.00	32.48 -0.53 0.00	32.66 -0.57 0.00	33.67 -0.55 0.00	33.74 -0.41 0.00	31.98 -0.32 0.00	31.01 -0.47 0.00	31.42 -0.54 0.00	32.60 -0.46 0.00	33.18 -0.54 0.00	33.96 -0.55 0.00	36.76 -0.60 0.00	37.89 -0.69 0.00	44.06 -0.72 0.00	46.81 -0.66 0.00	57.63 -0.52 -0.23	54.04 -0.27 -0.09	49.47 -0.30 0.00	43.85 -0.36 0.25	42.51 -0.30 0.00	37.56 -0.45 0.00
SHOEMAKER___GT 23640	47.11 1.19 0.00	40.69 1.07 0.00	37.37 0.84 0.00	35.23 0.79 0.00	33.64 0.63 0.00	33.86 0.63 0.00	34.90 0.68 0.00	34.83 0.68 0.00	32.94 0.65 0.00	32.17 0.69 0.00	32.76 0.80 0.00	33.93 0.86 0.00	34.73 1.01 0.00	35.62 1.10 0.00	38.55 1.20 0.00	39.94 1.35 0.00	46.53 1.74 0.00	49.09 1.62 0.00	59.66 1.74 0.00	55.69 1.46 0.00	51.02 1.24 0.00	45.65 1.20 0.00	43.88 1.07 0.00	38.96 0.95 0.00
SHOEMAKR_138KV_BK 111 55601	47.07 1.15 0.00	40.69 1.07 0.00	37.37 0.84 0.00	35.20 0.76 0.00	33.60 0.59 0.00	33.86 0.63 0.00	34.90 0.68 0.00	34.83 0.68 0.00	32.94 0.65 0.00	32.17 0.69 0.00	32.83 0.86 0.00	33.93 0.86 0.00	34.76 1.05 0.00	35.66 1.14 0.00	38.63 1.27 0.00	39.94 1.35 0.00	46.48 1.70 0.00	49.04 1.57 0.00	59.66 1.74 0.00	55.69 1.46 0.00	51.02 1.24 0.00	45.65 1.20 0.00	43.93 1.11 0.00	38.96 0.95 0.00
SHOREHAM_IC_1 23715	49.18 3.26 0.00	43.06 3.45 0.00	39.45 2.92 0.00	37.09 2.65 0.00	35.32 2.31 0.00	35.59 2.36 0.00	36.48 2.26 0.00	36.53 2.39 0.00	35.08 2.78 0.00	34.26 2.77 -0.01	37.55 2.46 -3.12	39.99 2.35 -4.57	41.51 2.53 -5.26	47.04 2.52 -10.00	49.58 2.76 -9.46	50.82 3.12 -9.11	53.58 4.30 -4.50	62.42 3.89 -11.05	62.15 4.23 0.00	57.64 3.42 0.00	53.16 3.39 0.00	49.30 2.98 -1.86	45.76 2.95 0.00	40.71 2.70 0.00
SHOREHAM_IC_2 23716	49.18 3.26 0.00	43.06 3.45 0.00	39.45 2.92 0.00	37.09 2.65 0.00	35.32 2.31 0.00	35.59 2.36 0.00	36.48 2.26 0.00	36.53 2.39 0.00	35.08 2.78 0.00	34.26 2.77 -0.01	37.55 2.46 -3.12	39.99 2.35 -4.57	41.51 2.53 -5.26	47.04 2.52 -10.00	49.58 2.76 -9.46	50.82 3.12 -9.11	53.58 4.30 -4.50	62.42 3.89 -11.05	62.15 4.23 0.00	57.64 3.42 0.00	53.16 3.39 0.00	49.30 2.98 -1.86	45.76 2.95 0.00	40.71 2.70 0.00
SISSONVILLE___ 23735	46.56 0.64 0.00	40.17 0.55 0.00	37.04 0.51 0.00	34.92 0.48 0.00	33.41 0.40 0.00	33.76 0.53 0.00	34.70 0.48 0.00	34.45 0.31 0.00	32.56 0.26 0.00	31.73 0.25 0.00	32.22 0.26 0.00	33.30 0.23 0.00	34.02 0.30 0.00	34.83 0.31 0.00	37.58 0.22 0.00	38.86 0.27 0.00	45.14 0.36 0.00	47.90 0.43 0.00	58.61 0.64 -0.05	54.79 0.54 -0.02	50.62 0.85 0.00	45.12 0.67 0.00	43.41 0.60 0.00	38.62 0.61 0.00

SITHE_IND_GS1 24169	44.36 -1.56 0.00	38.19 -1.42 0.00	35.32 -1.20 0.00	33.27 -1.17 0.00	31.95 -1.06 0.00	32.13 -1.10 0.00	33.12 -1.10 0.00	33.09 -1.06 0.00	31.33 -0.97 0.00	30.50 -0.98 0.00	30.94 -1.02 0.00	32.04 -1.03 0.00	32.51 -1.21 0.00	33.24 -1.28 0.00	35.97 -1.38 0.00	37.12 -1.47 0.00	43.01 -1.70 0.07	45.81 -1.66 0.00	54.28 -1.97 1.67	51.28 -1.79 1.16	48.08 -1.69 0.00	36.19 -1.56 6.71	41.31 -1.50 0.00	36.58 -1.37 0.06
SITHE_IND_GS2 24170	44.36 -1.56 0.00	38.19 -1.42 0.00	35.32 -1.20 0.00	33.27 -1.17 0.00	31.95 -1.06 0.00	32.13 -1.10 0.00	33.12 -1.10 0.00	33.09 -1.06 0.00	31.33 -0.97 0.00	30.50 -0.98 0.00	30.94 -1.02 0.00	32.04 -1.03 0.00	32.51 -1.21 0.00	33.24 -1.28 0.00	35.97 -1.38 0.00	37.12 -1.47 0.00	43.01 -1.70 0.07	45.81 -1.66 0.00	54.28 -1.97 1.67	51.28 -1.79 1.16	48.08 -1.69 0.00	36.19 -1.56 6.71	41.31 -1.50 0.00	36.58 -1.37 0.06
SITHE_IND_GS3 24171	44.36 -1.56 0.00	38.19 -1.42 0.00	35.32 -1.20 0.00	33.27 -1.17 0.00	31.95 -1.06 0.00	32.13 -1.10 0.00	33.12 -1.10 0.00	33.09 -1.06 0.00	31.33 -0.97 0.00	30.50 -0.98 0.00	30.94 -1.02 0.00	32.04 -1.03 0.00	32.51 -1.21 0.00	33.24 -1.28 0.00	35.97 -1.38 0.00	37.12 -1.47 0.00	43.01 -1.70 0.07	45.81 -1.66 0.00	54.28 -1.97 1.67	51.28 -1.79 1.16	48.08 -1.69 0.00	36.19 -1.56 6.71	41.31 -1.50 0.00	36.58 -1.37 0.06
SITHE_IND_GS4 24172	44.36 -1.56 0.00	38.19 -1.42 0.00	35.32 -1.20 0.00	33.27 -1.17 0.00	31.95 -1.06 0.00	32.13 -1.10 0.00	33.12 -1.10 0.00	33.09 -1.06 0.00	31.33 -0.97 0.00	30.50 -0.98 0.00	30.94 -1.02 0.00	32.04 -1.03 0.00	32.51 -1.21 0.00	33.24 -1.28 0.00	35.97 -1.38 0.00	37.12 -1.47 0.00	43.01 -1.70 0.07	45.81 -1.66 0.00	54.28 -1.97 1.67	51.28 -1.79 1.16	48.08 -1.69 0.00	36.19 -1.56 6.71	41.31 -1.50 0.00	36.58 -1.37 0.06
SITHE___BATAVIA 24024	45.32 -0.60 0.00	38.23 -1.39 0.00	35.14 -1.39 0.00	32.96 -1.48 0.00	31.95 -1.06 0.00	32.13 -1.10 0.00	33.16 -1.06 0.00	33.53 -0.61 0.00	32.20 -0.10 0.00	30.82 -0.66 0.00	31.07 -0.89 0.00	32.34 -0.73 0.00	32.94 -0.77 0.00	33.76 -0.76 0.00	36.61 -0.75 0.00	37.47 -1.12 0.00	43.43 -1.34 0.01	46.43 -1.04 0.00	56.88 -1.04 0.00	53.41 -0.76 0.06	48.88 -0.89 0.00	42.31 -1.20 0.94	41.96 -0.86 0.00	36.79 -1.22 0.01
SITHE___INDEPEND 23800	44.36 -1.56 0.00	38.19 -1.43 0.00	35.32 -1.21 0.00	33.27 -1.17 0.00	31.95 -1.06 0.00	32.13 -1.10 0.00	33.12 -1.10 0.00	33.09 -1.06 0.00	31.33 -0.97 0.00	30.53 -0.94 0.00	30.91 -1.05 0.00	32.04 -1.03 0.00	32.50 -1.21 0.00	33.24 -1.28 0.00	35.97 -1.38 0.00	37.12 -1.47 0.00	43.01 -1.70 0.07	45.81 -1.66 0.00	54.28 -1.97 1.67	51.27 -1.79 1.16	48.08 -1.69 0.00	36.19 -1.56 6.71	41.31 -1.50 0.00	36.58 -1.37 0.06
SITHE___MASSENA 23902	46.52 0.60 0.00	40.10 0.48 0.00	37.00 0.47 0.00	34.92 0.48 0.00	33.44 0.43 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.49 0.34 0.00	32.65 0.36 0.00	31.79 0.31 0.00	32.28 0.32 0.00	33.43 0.36 0.00	34.12 0.41 0.00	34.93 0.42 0.00	37.80 0.45 0.00	38.93 0.35 0.00	45.23 0.45 0.00	47.90 0.43 0.00	58.50 0.58 0.00	54.77 0.54 0.00	50.52 0.75 0.00	45.03 0.58 0.00	43.33 0.52 0.00	38.54 0.53 0.00
SITHE___OGDNSBRG 24021	47.16 1.24 0.00	40.73 1.11 0.00	37.51 0.99 0.00	35.37 0.93 0.00	33.84 0.83 0.00	34.19 0.96 0.00	35.18 0.96 0.00	34.86 0.72 0.00	32.81 0.52 0.00	31.95 0.47 0.00	32.38 0.42 0.00	33.50 0.43 0.00	34.19 0.47 0.00	35.03 0.52 0.00	37.80 0.45 0.00	39.13 0.54 0.00	45.54 0.76 0.00	48.38 0.90 0.00	59.31 1.39 0.00	55.47 1.25 0.00	51.31 1.54 0.00	45.74 1.29 0.00	44.01 1.20 0.00	39.11 1.10 0.00
SITHE___STERLING 23777	46.84 0.92 0.00	40.41 0.79 0.00	37.19 0.66 0.00	34.99 0.55 0.00	33.54 0.53 0.00	33.79 0.56 0.00	34.90 0.68 0.00	34.72 0.58 0.00	32.65 0.36 0.00	31.76 0.28 0.00	32.22 0.25 0.00	33.36 0.30 0.00	33.99 0.27 0.00	34.76 0.24 0.00	37.65 0.30 0.00	38.86 0.27 0.00	45.18 0.40 0.00	48.19 0.71 0.00	59.23 1.22 -0.10	55.45 1.19 -0.03	50.87 1.09 0.00	45.13 0.89 0.21	43.62 0.81 0.00	38.70 0.68 0.00
SLEIGHT___34_KV_TB1 80719	45.05 -0.87 0.00	38.43 -1.19 0.00	35.36 -1.17 0.00	33.23 -1.21 0.00	32.05 -0.96 0.00	32.23 -1.00 0.00	33.26 -0.96 0.00	33.43 -0.72 0.00	31.78 -0.52 0.00	30.85 -0.63 0.00	31.10 -0.86 0.00	32.41 -0.66 0.00	32.94 -0.78 0.00	33.72 -0.79 0.00	36.53 -0.82 0.00	37.51 -1.08 0.00	43.61 -1.16 0.01	46.48 -1.00 0.00	57.18 -0.81 -0.07	53.66 -0.54 0.02	49.12 -0.65 0.00	42.84 -0.84 0.77	42.08 -0.73 0.00	37.17 -0.84 0.01
SOUTH CAIRO___GT 23612	47.53 1.61 0.00	41.16 1.55 0.00	37.88 1.35 0.00	35.75 1.31 0.00	34.17 1.16 0.00	34.36 1.13 0.00	35.18 0.96 0.00	34.86 0.72 0.00	32.56 0.26 0.00	31.57 0.09 0.00	32.12 0.16 0.00	33.03 -0.03 0.00	33.82 0.10 0.00	34.62 0.10 0.00	37.62 0.26 0.00	39.17 0.58 0.00	45.81 1.03 0.00	48.99 1.52 0.00	60.24 2.32 0.00	56.45 2.22 0.00	51.66 1.89 0.00	46.14 1.69 0.00	44.44 1.63 0.00	39.53 1.52 0.00
SOUTH HAMPTN___IC 23720	49.60 3.67 0.00	43.30 3.69 0.00	39.67 3.14 0.00	37.26 2.82 0.00	35.49 2.48 0.00	35.75 2.52 0.00	36.65 2.43 0.00	36.74 2.59 0.00	35.30 3.00 0.00	34.51 3.02 -0.01	37.93 2.84 -3.12	40.48 2.84 -4.57	42.08 3.10 -5.26	47.66 3.14 -10.00	50.21 3.40 -9.46	51.44 3.74 -9.11	54.26 4.97 -4.50	63.18 4.66 -11.05	63.02 5.10 0.00	58.40 4.18 0.00	53.60 3.83 0.00	49.69 3.38 -1.86	46.06 3.25 0.00	40.94 2.93 0.00
SOUTHDOW_115KV_TB1 355954	45.23 -0.69 0.00	38.19 -1.43 0.00	35.03 -1.50 0.00	32.89 -1.55 0.00	31.89 -1.12 0.00	32.00 -1.23 0.00	33.23 -0.99 0.00	33.53 -0.61 0.00	32.01 -0.29 0.00	31.07 -0.41 0.00	31.07 -0.89 0.00	32.70 -0.36 0.00	33.38 -0.34 0.00	34.21 -0.31 0.00	37.09 -0.26 0.00	38.05 -0.54 0.00	43.79 -0.99 0.01	46.67 -0.81 0.00	57.40 -0.52 0.00	54.28 0.11 0.05	49.07 -0.70 0.00	42.48 -1.20 0.77	41.49 -1.33 0.00	36.60 -1.41 0.01
SOUTHOLD_69_KV_BK 2 55809	49.92 4.00 0.00	43.50 3.88 0.00	39.74 3.21 0.00	37.33 2.89 0.00	35.42 2.41 0.00	35.82 2.59 0.00	36.65 2.43 0.00	36.88 2.73 0.00	35.04 2.75 0.00	34.78 3.31 0.00	38.38 3.29 -3.12	41.11 3.47 -4.57	42.66 3.68 -5.26	48.25 3.73 -10.00	50.85 4.03 -9.46	52.06 4.36 -9.11	54.79 5.51 -4.50	63.99 5.46 -11.05	64.00 6.08 0.00	59.10 4.88 0.00	53.65 3.88 0.00	49.92 3.60 -1.86	46.32 3.51 0.00	41.09 3.08 0.00
SOUTHOLD___IC 23719	49.91 3.99 0.00	43.50 3.88 0.00	39.85 3.32 0.00	37.43 2.99 0.00	35.62 2.61 0.00	35.92 2.69 0.00	36.75 2.53 0.00	36.94 2.80 0.00	35.53 3.23 0.00	34.76 3.27 -0.01	38.28 3.20 -3.12	40.95 3.31 -4.57	42.62 3.64 -5.26	48.25 3.73 -10.00	50.81 4.00 -9.46	52.06 4.36 -9.11	54.93 5.64 -4.50	63.94 5.41 -11.05	63.89 5.97 0.00	59.11 4.88 0.00	53.95 4.18 0.00	49.92 3.60 -1.86	46.32 3.51 0.00	41.09 3.08 0.00

SOUTH_FORK_WT_PWR 323839	49.60 3.67 0.00	43.26 3.64 0.00	39.60 3.07 0.00	37.19 2.76 0.00	35.39 2.38 0.00	35.69 2.46 0.00	36.51 2.29 0.00	36.77 2.63 0.00	35.33 3.04 0.00	34.63 3.15 -0.01	38.19 3.10 -3.12	40.88 3.24 -4.57	42.62 3.64 -5.26	48.22 3.70 -10.00	50.70 3.88 -9.46	51.94 4.24 -9.11	54.70 5.42 -4.50	63.70 5.18 -11.05	63.54 5.62 0.00	58.78 4.56 0.00	53.51 3.73 0.00	49.56 3.24 -1.86	45.94 3.12 0.00	40.79 2.77 0.00
SPIERFLS_115KV_TB 1 80737	47.25 1.33 0.00	40.81 1.19 0.00	37.62 1.10 0.00	35.51 1.07 0.00	33.97 0.96 0.00	34.22 1.00 0.00	35.14 0.92 0.00	34.93 0.79 0.00	32.78 0.48 0.00	31.86 0.38 0.00	32.16 0.19 0.00	33.07 0.00 0.00	33.82 0.10 0.00	34.34 -0.17 0.00	37.24 -0.11 0.00	38.67 0.08 0.00	44.87 0.09 0.00	48.04 0.57 0.00	59.60 1.68 0.00	55.91 1.68 0.00	51.56 1.79 0.00	46.10 1.64 0.00	44.35 1.54 0.00	39.42 1.41 0.00
ST LAWRENCE____ 23600	46.06 0.14 0.00	39.74 0.12 0.00	36.67 0.15 0.00	34.58 0.14 0.00	33.14 0.13 0.00	33.39 0.17 0.00	34.36 0.14 0.00	34.25 0.10 0.00	32.40 0.10 0.00	31.57 0.09 0.00	32.06 0.10 0.00	33.17 0.10 0.00	33.85 0.14 0.00	34.66 0.14 0.00	37.47 0.11 0.00	38.67 0.08 0.00	44.87 0.09 0.00	47.47 0.00 0.00	57.92 0.00 0.00	54.28 0.05 0.00	49.97 0.20 0.00	44.59 0.13 0.00	42.94 0.13 0.00	38.17 0.15 0.00
STATE_CA_115KV_115_LB 55624	46.06 0.14 0.00	39.98 0.36 0.00	36.82 0.29 0.00	34.78 0.34 0.00	33.31 0.30 0.00	33.56 0.33 0.00	34.46 0.24 0.00	34.31 0.17 0.00	32.43 0.13 0.00	31.60 0.13 0.00	32.19 0.22 0.00	33.13 0.07 0.00	33.89 0.17 0.00	34.69 0.17 0.00	37.58 0.22 0.00	38.94 0.35 0.00	45.05 0.27 0.00	47.76 0.28 0.00	58.21 0.29 0.00	54.50 0.27 0.00	49.97 0.20 0.00	44.76 0.31 0.00	43.16 0.34 0.00	38.43 0.42 0.00
STATE_ST_34_KV_LOAD 55959	45.78 -0.14 0.00	39.30 -0.32 0.00	36.20 -0.33 0.00	34.09 -0.34 0.00	32.78 -0.23 0.00	32.93 -0.30 0.00	33.98 -0.24 0.00	33.97 -0.17 0.00	32.10 -0.19 0.00	31.23 -0.25 0.00	31.61 -0.35 0.00	32.84 -0.23 0.00	33.38 -0.34 0.00	34.14 -0.38 0.00	36.98 -0.37 0.00	38.13 -0.46 0.00	44.38 -0.40 0.00	47.28 -0.19 0.00	58.31 0.12 -0.27	54.67 0.33 -0.12	49.92 0.15 0.00	44.41 -0.04 0.00	42.77 -0.04 0.00	37.82 -0.19 0.00
STATION 5_MISC_HYD 23604	45.09 -0.83 0.00	38.27 -1.35 0.00	35.21 -1.31 0.00	33.10 -1.34 0.00	31.95 -1.06 0.00	32.13 -1.10 0.00	33.12 -1.10 0.00	33.49 -0.65 0.00	31.94 -0.35 0.00	30.91 -0.57 0.00	31.29 -0.67 0.00	32.50 -0.56 0.00	33.11 -0.61 0.00	33.90 -0.62 0.00	36.72 -0.64 0.00	37.63 -0.96 0.00	43.65 -1.12 0.01	46.53 -0.95 0.00	57.23 -0.69 0.00	53.62 -0.54 0.06	49.18 -0.60 0.00	42.67 -0.80 0.99	42.17 -0.64 0.00	37.17 -0.84 0.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.37 -0.55 0.00	38.67 -0.95 0.00	35.58 -0.95 0.00	33.44 -1.00 0.00	32.25 -0.76 0.00	32.43 -0.80 0.00	33.47 -0.75 0.00	33.67 -0.48 0.00	32.01 -0.29 0.00	31.07 -0.41 0.00	31.29 -0.67 0.00	32.60 -0.46 0.00	33.18 -0.54 0.00	33.96 -0.55 0.00	36.79 -0.56 0.00	37.78 -0.81 0.00	43.92 -0.85 0.01	46.76 -0.71 0.00	57.47 -0.52 -0.07	53.99 -0.22 0.01	49.37 -0.40 0.00	43.17 -0.53 0.75	42.34 -0.47 0.00	37.40 -0.61 0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.82 -1.10 0.00	38.07 -1.55 0.00	35.07 -1.46 0.00	32.96 -1.48 0.00	31.82 -1.19 0.00	32.00 -1.23 0.00	33.02 -1.20 0.00	33.29 -0.85 0.00	31.78 -0.52 0.00	30.82 -0.66 0.00	30.97 -0.99 0.00	32.34 -0.73 0.00	32.91 -0.81 0.00	33.69 -0.83 0.00	36.50 -0.86 0.00	37.43 -1.16 0.00	43.43 -1.34 0.01	46.29 -1.19 0.00	56.82 -1.10 0.00	53.40 -0.76 0.06	48.88 -0.90 0.00	42.41 -1.07 0.98	41.83 -0.98 0.00	36.94 -1.06 0.01
STA_56____34_KV_BUS2 355983	44.82 -1.10 0.00	38.07 -1.55 0.00	35.07 -1.46 0.00	32.96 -1.48 0.00	31.82 -1.19 0.00	32.00 -1.23 0.00	33.02 -1.20 0.00	33.29 -0.85 0.00	31.78 -0.52 0.00	30.82 -0.66 0.00	30.97 -0.99 0.00	32.34 -0.73 0.00	32.91 -0.81 0.00	33.69 -0.83 0.00	36.50 -0.86 0.00	37.43 -1.16 0.00	43.43 -1.34 0.01	46.29 -1.19 0.00	56.82 -1.10 0.00	53.40 -0.76 0.06	48.88 -0.90 0.00	42.41 -1.07 0.98	41.83 -0.98 0.00	36.94 -1.06 0.01
STA_67____115KV_BK2 355882	45.00 -0.92 0.00	38.23 -1.39 0.00	35.18 -1.35 0.00	33.03 -1.41 0.00	31.92 -1.09 0.00	32.10 -1.13 0.00	33.12 -1.10 0.00	33.43 -0.72 0.00	31.91 -0.39 0.00	30.94 -0.54 0.00	31.07 -0.89 0.00	32.44 -0.63 0.00	33.04 -0.67 0.00	33.83 -0.69 0.00	36.65 -0.71 0.00	37.59 -1.00 0.00	43.61 -1.16 0.01	46.48 -1.00 0.00	57.05 -0.87 0.00	53.62 -0.54 0.06	49.07 -0.70 0.00	42.53 -0.93 0.99	42.00 -0.81 0.00	37.05 -0.95 0.01
STA_7____115KV_9TRANS 80674	45.28 -0.64 0.00	38.43 -1.19 0.00	35.36 -1.17 0.00	33.20 -1.24 0.00	32.09 -0.92 0.00	32.26 -0.96 0.00	33.33 -0.89 0.00	33.63 -0.51 0.00	32.10 -0.19 0.00	31.10 -0.38 0.00	31.26 -0.70 0.00	32.64 -0.43 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.87 -0.49 0.00	37.82 -0.77 0.00	43.88 -0.90 0.01	46.81 -0.66 0.00	57.51 -0.41 0.00	54.05 -0.11 0.06	49.42 -0.35 0.00	42.89 -0.58 0.99	42.30 -0.51 0.00	37.32 -0.68 0.01
STA_82____115KV_TB1 80780	45.00 -0.92 0.00	38.19 -1.43 0.00	35.14 -1.39 0.00	33.03 -1.41 0.00	31.92 -1.09 0.00	32.06 -1.16 0.00	33.12 -1.10 0.00	33.43 -0.72 0.00	31.88 -0.42 0.00	30.91 -0.57 0.00	31.07 -0.89 0.00	32.41 -0.66 0.00	33.01 -0.71 0.00	33.79 -0.72 0.00	36.61 -0.75 0.00	37.55 -1.04 0.00	43.56 -1.21 0.01	46.43 -1.04 0.00	56.99 -0.93 0.00	53.57 -0.60 0.06	49.03 -0.75 0.00	42.54 -0.93 0.98	41.96 -0.86 0.00	37.05 -0.95 0.01
STEEL____WIND 323596	43.90 -2.02 0.00	36.97 -2.65 0.00	33.94 -2.59 0.00	31.86 -2.58 0.00	30.90 -2.11 0.00	31.03 -2.19 0.00	32.07 -2.15 0.00	32.57 -1.57 0.00	31.26 -1.03 0.00	30.06 -1.42 0.00	30.33 -1.63 0.00	31.61 -1.45 0.00	32.20 -1.52 0.00	33.00 -1.52 0.00	35.82 -1.53 0.00	36.70 -1.89 0.00	42.17 -2.60 0.01	44.86 -2.61 0.00	55.20 -2.72 0.00	51.95 -2.23 0.05	47.53 -2.24 0.00	41.14 -2.44 0.87	40.72 -2.10 0.00	35.65 -2.36 0.01
STEPHTWN_115KV_BK_2 55603	46.33 0.41 0.00	40.21 0.59 0.00	37.00 0.47 0.00	34.96 0.52 0.00	33.47 0.46 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.52 0.38 0.00	32.56 0.26 0.00	31.73 0.25 0.00	32.32 0.35 0.00	33.27 0.20 0.00	34.02 0.30 0.00	34.79 0.28 0.00	37.73 0.37 0.00	39.09 0.50 0.00	45.27 0.49 0.00	48.04 0.57 0.00	58.62 0.70 0.00	54.87 0.65 0.00	50.32 0.55 0.00	45.08 0.62 0.00	43.41 0.60 0.00	38.66 0.65 0.00
STEUBEN_REC_LFGE 323667	45.78 -0.14 0.00	38.91 -0.71 0.00	35.69 -0.84 0.00	33.54 -0.90 0.00	32.38 -0.63 0.00	32.50 -0.73 0.00	33.64 -0.58 0.00	33.80 -0.34 0.00	32.01 -0.29 0.00	30.91 -0.57 0.00	30.88 -1.09 0.00	32.31 -0.76 0.00	32.94 -0.78 0.00	33.76 -0.76 0.00	36.57 -0.78 0.00	37.59 -1.00 0.00	43.61 -1.16 0.01	46.62 -0.85 0.00	57.66 -0.35 -0.09	54.77 0.54 -0.01	49.92 0.15 0.00	43.66 -0.27 0.53	42.56 -0.26 0.00	37.51 -0.49 0.00

STILLWATER___SOLAR 323814	47.30 1.38 0.00	40.89 1.27 0.00	37.66 1.13 0.00	35.57 1.13 0.00	34.07 1.06 0.00	34.29 1.06 0.00	35.25 1.03 0.00	35.03 0.89 0.00	32.94 0.65 0.00	32.05 0.57 0.00	32.47 0.51 0.00	33.47 0.40 0.00	34.19 0.47 0.00	34.90 0.38 0.00	37.84 0.48 0.00	39.24 0.66 0.00	45.54 0.76 0.00	48.57 1.09 0.00	59.66 1.74 0.00	56.01 1.79 0.00	51.41 1.64 0.00	46.05 1.60 0.00	44.31 1.50 0.00	39.38 1.37 0.00
STONY___BROOK 24151	49.41 3.49 0.00	42.91 3.29 0.00	39.30 2.77 0.00	36.99 2.55 0.00	35.22 2.21 0.00	35.49 2.26 0.00	36.41 2.19 0.00	36.43 2.29 0.00	34.95 2.65 0.00	34.13 2.64 -0.01	37.61 2.52 -3.12	40.19 2.55 -4.57	41.75 2.77 -5.26	47.45 2.93 -10.00	50.03 3.21 -9.46	51.21 3.51 -9.11	53.72 4.43 -4.50	62.56 4.03 -11.05	62.38 4.46 0.00	57.91 3.69 0.00	53.36 3.59 0.00	49.69 3.38 -1.86	46.03 3.21 0.00	40.79 2.77 0.00
STURGEON_POOL_HYD 23609	47.62 1.70 0.00	41.09 1.47 0.00	37.70 1.17 0.00	35.54 1.10 0.00	33.90 0.89 0.00	34.12 0.90 0.00	35.14 0.92 0.00	35.07 0.92 0.00	33.11 0.81 0.00	32.36 0.88 0.00	33.05 1.09 0.00	34.16 1.09 0.00	35.00 1.28 0.00	35.93 1.42 0.00	38.96 1.61 0.00	40.32 1.74 0.00	47.02 2.24 0.00	49.52 2.04 0.00	60.18 2.26 0.00	56.18 1.95 0.00	51.46 1.69 0.00	46.05 1.60 0.00	44.31 1.50 0.00	39.34 1.33 0.00
ST_LAW_115_BK7_LBMP 345037	46.06 0.14 0.00	39.78 0.16 0.00	36.67 0.15 0.00	34.61 0.17 0.00	33.14 0.13 0.00	33.43 0.20 0.00	34.36 0.14 0.00	34.25 0.10 0.00	32.40 0.10 0.00	31.57 0.09 0.00	32.06 0.10 0.00	33.17 0.10 0.00	33.85 0.14 0.00	34.66 0.14 0.00	37.47 0.11 0.00	38.67 0.08 0.00	44.87 0.09 0.00	47.47 0.00 0.00	57.92 0.00 0.00	54.22 0.00 0.00	50.02 0.25 0.00	44.59 0.13 0.00	42.94 0.13 0.00	38.17 0.15 0.00
ST_LAW_115_BK8_LBMP 345038	46.06 0.14 0.00	39.78 0.16 0.00	36.67 0.15 0.00	34.61 0.17 0.00	33.14 0.13 0.00	33.43 0.20 0.00	34.36 0.14 0.00	34.25 0.10 0.00	32.40 0.10 0.00	31.57 0.09 0.00	32.06 0.10 0.00	33.17 0.10 0.00	33.85 0.14 0.00	34.66 0.14 0.00	37.47 0.11 0.00	38.67 0.08 0.00	44.87 0.09 0.00	47.47 0.00 0.00	57.92 0.00 0.00	54.22 0.00 0.00	50.02 0.25 0.00	44.59 0.13 0.00	42.94 0.13 0.00	38.17 0.15 0.00
ST_LAW_230_BK5_LBMP 345035	46.06 0.14 0.00	39.74 0.12 0.00	36.67 0.15 0.00	34.58 0.14 0.00	33.14 0.13 0.00	33.39 0.17 0.00	34.36 0.14 0.00	34.25 0.10 0.00	32.40 0.10 0.00	31.57 0.09 0.00	32.06 0.10 0.00	33.17 0.10 0.00	33.85 0.14 0.00	34.66 0.14 0.00	37.47 0.11 0.00	38.67 0.08 0.00	44.87 0.09 0.00	47.47 0.00 0.00	57.92 0.00 0.00	54.28 0.05 0.00	49.97 0.20 0.00	44.59 0.13 0.00	42.94 0.13 0.00	38.17 0.15 0.00
ST_LAW_230_BK6_LBMP 345036	46.06 0.14 0.00	39.74 0.12 0.00	36.67 0.15 0.00	34.58 0.14 0.00	33.14 0.13 0.00	33.39 0.17 0.00	34.36 0.14 0.00	34.25 0.10 0.00	32.40 0.10 0.00	31.57 0.09 0.00	32.06 0.10 0.00	33.17 0.10 0.00	33.85 0.14 0.00	34.66 0.14 0.00	37.47 0.11 0.00	38.67 0.08 0.00	44.87 0.09 0.00	47.47 0.00 0.00	57.92 0.00 0.00	54.28 0.05 0.00	49.97 0.20 0.00	44.59 0.13 0.00	42.94 0.13 0.00	38.17 0.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.30 1.38 0.00	40.85 1.23 0.00	37.48 0.95 0.00	35.33 0.90 0.00	33.70 0.69 0.00	33.96 0.73 0.00	35.01 0.79 0.00	34.96 0.82 0.00	33.07 0.78 0.00	32.33 0.85 0.00	32.99 1.02 0.00	34.16 1.09 0.00	34.97 1.25 0.00	35.90 1.38 0.00	38.89 1.53 0.00	40.25 1.66 0.00	46.80 2.02 0.00	49.33 1.85 0.00	59.95 2.03 0.00	55.96 1.74 0.00	51.22 1.44 0.00	45.83 1.38 0.00	44.10 1.28 0.00	39.11 1.10 0.00
SWANROAD_115KV_TB1 355699	42.94 -2.98 0.00	36.53 -3.09 0.00	33.57 -2.96 0.00	31.51 -2.93 0.00	30.24 -2.77 0.00	30.34 -2.89 0.00	31.79 -2.43 0.00	31.96 -2.19 0.00	30.72 -1.58 0.00	29.65 -1.83 0.00	29.50 -2.46 0.00	30.98 -2.08 0.00	31.56 -2.16 0.00	32.34 -2.17 0.00	35.11 -2.24 0.00	35.93 -2.66 0.00	41.37 -3.40 0.01	44.01 -3.47 0.00	53.98 -3.94 0.00	50.97 -3.20 0.06	46.49 -3.28 0.00	40.25 -3.29 0.91	39.94 -2.87 0.00	35.00 -3.00 0.01
SYNERGY___BIOGAS 323694	45.23 -0.69 0.00	38.23 -1.39 0.00	35.14 -1.39 0.00	32.96 -1.48 0.00	31.82 -1.19 0.00	31.96 -1.26 0.00	33.23 -0.99 0.00	33.56 -0.58 0.00	32.07 -0.23 0.00	30.94 -0.54 0.00	30.84 -1.12 0.00	32.34 -0.73 0.00	32.94 -0.78 0.00	33.76 -0.76 0.00	36.61 -0.75 0.00	37.47 -1.12 0.00	43.47 -1.30 0.01	46.48 -1.00 0.00	56.88 -1.04 0.00	53.57 -0.60 0.06	48.88 -0.90 0.00	42.31 -1.20 0.94	41.83 -0.98 0.00	36.79 -1.22 0.01
SYRACUSE___ENERGY_ST1 323597	45.51 -0.41 0.00	39.18 -0.44 0.00	36.13 -0.40 0.00	34.03 -0.41 0.00	32.68 -0.33 0.00	32.83 -0.40 0.00	33.84 -0.38 0.00	33.80 -0.34 0.00	31.98 -0.32 0.00	31.16 -0.31 0.00	31.58 -0.38 0.00	32.74 -0.33 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.83 -0.52 0.00	37.97 -0.62 0.00	44.11 -0.67 0.00	46.95 -0.52 0.00	57.83 -0.41 -0.32	54.10 -0.27 -0.14	49.42 -0.35 0.00	44.05 -0.40 0.00	42.47 -0.34 0.00	37.59 -0.42 0.00
SYRACUSE___ENERGY_ST2 323598	45.51 -0.41 0.00	39.18 -0.44 0.00	36.13 -0.40 0.00	34.03 -0.41 0.00	32.68 -0.33 0.00	32.83 -0.40 0.00	33.84 -0.38 0.00	33.80 -0.34 0.00	31.98 -0.32 0.00	31.16 -0.31 0.00	31.58 -0.38 0.00	32.74 -0.33 0.00	33.25 -0.47 0.00	34.03 -0.48 0.00	36.83 -0.52 0.00	37.97 -0.62 0.00	44.11 -0.67 0.00	46.95 -0.52 0.00	57.83 -0.41 -0.32	54.10 -0.27 -0.14	49.42 -0.35 0.00	44.05 -0.40 0.00	42.47 -0.34 0.00	37.59 -0.42 0.00
SYRACUSE___POWER 24017	45.41 -0.51 0.00	39.10 -0.52 0.00	36.05 -0.47 0.00	33.96 -0.48 0.00	32.61 -0.40 0.00	32.76 -0.47 0.00	33.78 -0.44 0.00	33.73 -0.41 0.00	31.94 -0.36 0.00	31.10 -0.38 0.00	31.52 -0.45 0.00	32.67 -0.40 0.00	33.21 -0.51 0.00	34.00 -0.52 0.00	36.79 -0.56 0.00	37.93 -0.66 0.00	44.06 -0.72 0.00	46.91 -0.57 0.00	57.67 -0.46 -0.21	53.98 -0.33 -0.08	49.37 -0.40 0.00	43.71 -0.44 0.30	42.38 -0.43 0.00	37.52 -0.49 0.00
TALLMAN___138KV_BK151 55660	47.53 1.61 0.00	41.09 1.47 0.00	37.66 1.13 0.00	35.51 1.07 0.00	33.84 0.83 0.00	34.09 0.86 0.00	35.18 0.96 0.00	35.17 1.02 0.00	33.30 1.00 0.00	32.58 1.10 0.00	33.27 1.31 0.00	34.42 1.36 0.00	35.30 1.58 0.00	36.24 1.73 0.00	39.22 1.87 0.00	40.59 2.01 0.00	47.20 2.42 0.00	49.66 2.18 0.00	60.29 2.37 0.00	56.23 2.01 0.00	51.46 1.69 0.00	46.10 1.64 0.00	44.31 1.50 0.00	39.30 1.29 0.00
TEALLAVE_115KV_TB7 355573	45.23 -0.69 0.00	38.95 -0.67 0.00	35.91 -0.62 0.00	33.82 -0.62 0.00	32.48 -0.53 0.00	32.66 -0.56 0.00	33.67 -0.55 0.00	33.63 -0.51 0.00	31.85 -0.45 0.00	31.01 -0.47 0.00	31.42 -0.54 0.00	32.57 -0.50 0.00	33.11 -0.61 0.00	33.86 -0.66 0.00	36.65 -0.71 0.00	37.82 -0.77 0.00	43.88 -0.90 0.00	46.72 -0.76 0.00	57.34 -0.75 -0.18	53.68 -0.60 -0.05	49.12 -0.65 0.00	43.39 -0.67 0.40	42.17 -0.64 0.00	37.36 -0.65 0.00

TELGRAPH_34_KV_EAST 80808	44.13 -1.79 0.00	37.36 -2.26 0.00	34.34 -2.19 0.00	32.20 -2.24 0.00	31.06 -1.95 0.00	31.20 -2.03 0.00	32.51 -1.71 0.00	32.81 -1.33 0.00	31.43 -0.87 0.00	30.35 -1.13 0.00	30.24 -1.73 0.00	31.71 -1.36 0.00	32.30 -1.42 0.00	33.10 -1.42 0.00	35.94 -1.42 0.00	36.77 -1.81 0.00	42.49 -2.28 0.01	45.24 -2.23 0.00	55.60 -2.32 0.00	52.43 -1.74 0.06	47.88 -1.89 0.00	41.43 -2.09 0.93	40.97 -1.84 0.00	36.03 -1.98 0.01
TEMPLE___115KV_TB 2 55572	45.28 -0.64 0.00	38.95 -0.67 0.00	35.94 -0.58 0.00	33.85 -0.59 0.00	32.48 -0.53 0.00	32.66 -0.56 0.00	33.67 -0.55 0.00	33.63 -0.51 0.00	31.85 -0.45 0.00	31.01 -0.47 0.00	31.42 -0.54 0.00	32.60 -0.46 0.00	33.11 -0.61 0.00	33.90 -0.62 0.00	36.68 -0.67 0.00	37.82 -0.77 0.00	43.93 -0.85 0.00	46.76 -0.71 0.00	57.40 -0.70 -0.18	53.74 -0.54 -0.05	49.17 -0.60 0.00	43.38 -0.67 0.40	42.21 -0.60 0.00	37.40 -0.61 0.00
TIANA___69_KV_BK 1 55817	49.55 3.63 0.00	43.22 3.61 0.00	39.52 3.00 0.00	37.16 2.72 0.00	35.29 2.28 0.00	35.65 2.43 0.00	36.51 2.29 0.00	36.64 2.49 0.00	34.82 2.52 0.00	34.44 2.96 0.00	37.93 2.84 -3.12	40.52 2.88 -4.57	41.95 2.97 -5.26	47.52 3.00 -10.00	50.10 3.29 -9.46	51.33 3.63 -9.11	53.99 4.70 -4.50	63.08 4.56 -11.05	63.02 5.10 0.00	58.29 4.07 0.00	53.26 3.48 0.00	49.70 3.38 -1.86	46.07 3.25 0.00	40.90 2.89 0.00
TILDEN___115KV_TB1 80814	45.41 -0.51 0.00	39.10 -0.52 0.00	36.05 -0.47 0.00	33.96 -0.48 0.00	32.61 -0.40 0.00	32.76 -0.47 0.00	33.78 -0.44 0.00	33.73 -0.41 0.00	31.94 -0.36 0.00	31.10 -0.38 0.00	31.52 -0.45 0.00	32.67 -0.40 0.00	33.21 -0.51 0.00	34.00 -0.52 0.00	36.79 -0.56 0.00	37.93 -0.66 0.00	44.06 -0.72 0.00	46.91 -0.57 0.00	57.67 -0.46 -0.21	53.98 -0.33 -0.08	49.37 -0.40 0.00	43.71 -0.44 0.30	42.38 -0.43 0.00	37.52 -0.49 0.00
TRIGEN___CC 323695	48.45 2.53 0.00	41.92 2.30 0.00	38.39 1.86 0.00	36.16 1.72 0.00	34.36 1.35 0.00	34.69 1.46 0.00	35.66 1.44 0.00	35.71 1.57 0.00	33.88 1.58 0.00	33.40 1.92 0.00	37.10 2.01 -3.12	39.72 2.08 -4.57	41.24 2.26 -5.26	46.94 2.42 -10.00	49.43 2.61 -9.46	50.48 2.78 -9.11	52.55 3.27 -4.50	61.56 3.04 -11.05	61.28 3.36 0.00	56.94 2.71 0.00	52.21 2.44 0.00	48.81 2.49 -1.86	45.21 2.40 0.00	40.07 2.05 0.00
TRINITY___115KV___4 BK 55933	45.92 0.00 0.00	39.86 0.24 0.00	36.71 0.18 0.00	34.68 0.24 0.00	33.24 0.23 0.00	33.49 0.27 0.00	34.39 0.17 0.00	34.25 0.10 0.00	32.36 0.06 0.00	31.54 0.06 0.00	32.12 0.16 0.00	33.10 0.03 0.00	33.82 0.10 0.00	34.62 0.10 0.00	37.50 0.15 0.00	38.86 0.27 0.00	44.96 0.18 0.00	47.62 0.14 0.00	58.04 0.12 0.00	54.33 0.11 0.00	49.82 0.05 0.00	44.63 0.18 0.00	42.98 0.17 0.00	38.28 0.27 0.00
UNION___PROCESSING_DRP 323587	45.00 -0.92 0.00	38.19 -1.43 0.00	35.18 -1.35 0.00	33.03 -1.41 0.00	31.92 -1.09 0.00	32.06 -1.16 0.00	33.12 -1.10 0.00	33.43 -0.72 0.00	31.91 -0.39 0.00	30.91 -0.57 0.00	31.07 -0.89 0.00	32.44 -0.63 0.00	33.01 -0.71 0.00	33.79 -0.72 0.00	36.61 -0.75 0.00	37.55 -1.04 0.00	43.56 -1.21 0.01	46.43 -1.04 0.00	57.05 -0.87 0.00	53.62 -0.54 0.06	49.03 -0.75 0.00	42.54 -0.93 0.98	42.00 -0.81 0.00	37.05 -0.95 0.01
UPPER HUDSON___HYD 24058	47.25 1.33 0.00	40.81 1.19 0.00	37.62 1.09 0.00	35.54 1.10 0.00	34.00 0.99 0.00	34.19 0.96 0.00	35.14 0.92 0.00	34.93 0.79 0.00	32.75 0.45 0.00	31.86 0.38 0.00	32.12 0.16 0.00	33.07 0.00 0.00	33.82 0.10 0.00	34.35 -0.17 0.00	37.24 -0.11 0.00	38.67 0.08 0.00	44.87 0.09 0.00	48.05 0.57 0.00	59.60 1.68 0.00	55.91 1.68 0.00	51.51 1.74 0.00	46.10 1.65 0.00	44.35 1.54 0.00	39.42 1.41 0.00
UPPER RAQUET___HYD 24056	46.56 0.64 0.00	40.17 0.55 0.00	37.04 0.51 0.00	34.92 0.48 0.00	33.41 0.40 0.00	33.76 0.53 0.00	34.70 0.48 0.00	34.45 0.31 0.00	32.56 0.26 0.00	31.73 0.25 0.00	32.22 0.25 0.00	33.30 0.23 0.00	33.99 0.27 0.00	34.83 0.31 0.00	37.65 0.30 0.00	38.82 0.23 0.00	45.14 0.36 0.00	47.90 0.43 0.00	58.61 0.64 -0.05	54.85 0.60 -0.02	50.62 0.85 0.00	45.12 0.67 0.00	43.41 0.60 0.00	38.62 0.61 0.00
VALLEY44_115KV_TB2 355964	44.22 -1.70 0.00	37.48 -2.14 0.00	34.45 -2.08 0.00	32.37 -2.07 0.00	31.29 -1.72 0.00	31.40 -1.83 0.00	32.51 -1.71 0.00	32.74 -1.40 0.00	31.20 -1.10 0.00	30.35 -1.13 0.00	30.46 -1.50 0.00	32.07 -0.99 0.00	32.84 -0.88 0.00	33.65 -0.86 0.00	36.46 -0.90 0.00	37.47 -1.12 0.00	43.30 -1.48 0.01	46.24 -1.23 0.00	56.70 -1.22 0.00	53.75 -0.43 0.05	48.58 -1.19 0.00	41.94 -1.78 0.73	40.89 -1.93 0.00	36.10 -1.90 0.01
VALLEY___115KV_TB 1-4 80826	45.87 -0.05 0.00	39.58 -0.04 0.00	36.45 -0.07 0.00	34.34 -0.10 0.00	32.91 -0.10 0.00	33.13 -0.10 0.00	34.15 -0.07 0.00	34.04 -0.10 0.00	32.14 -0.16 0.00	31.35 -0.13 0.00	31.87 -0.10 0.00	32.97 -0.10 0.00	33.65 -0.07 0.00	34.41 -0.10 0.00	37.24 -0.11 0.00	38.43 -0.15 0.00	44.60 -0.18 0.00	47.28 -0.19 0.00	57.75 -0.17 0.00	54.06 -0.16 0.00	49.57 -0.20 0.00	44.32 -0.13 0.00	42.73 -0.09 0.00	37.94 -0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.67 1.74 0.00	41.12 1.51 0.00	37.77 1.24 0.00	35.51 1.07 0.00	34.03 1.02 0.00	34.29 1.06 0.00	35.42 1.20 0.00	35.24 1.09 0.00	33.14 0.84 0.00	32.36 0.88 0.00	32.86 0.89 0.00	34.16 1.09 0.00	34.90 1.18 0.00	35.72 1.21 0.00	38.66 1.31 0.00	39.86 1.27 0.00	46.30 1.52 0.00	49.23 1.76 0.00	60.36 2.37 -0.07	56.52 2.28 -0.02	51.81 2.04 0.00	46.07 1.78 0.16	44.44 1.63 0.00	39.42 1.41 0.00
VISCHER___FERRY HYD 24020	46.70 0.78 0.00	40.45 0.83 0.00	37.26 0.73 0.00	35.23 0.79 0.00	33.77 0.76 0.00	33.99 0.76 0.00	34.94 0.72 0.00	34.76 0.62 0.00	32.81 0.52 0.00	31.98 0.50 0.00	32.47 0.51 0.00	33.47 0.40 0.00	34.19 0.47 0.00	34.96 0.45 0.00	37.88 0.52 0.00	39.32 0.73 0.00	45.50 0.71 0.00	48.37 0.90 0.00	59.02 1.10 0.00	55.25 1.03 0.00	50.72 0.94 0.00	45.48 1.02 0.00	43.71 0.90 0.00	38.89 0.87 0.00
V_A_10_SYNC_DSASP 323832	43.99 -1.93 0.00	37.20 -2.42 0.00	34.19 -2.34 0.00	32.13 -2.31 0.00	31.10 -1.91 0.00	31.23 -1.99 0.00	32.30 -1.92 0.00	32.71 -1.43 0.00	31.33 -0.97 0.00	30.35 -1.13 0.00	30.33 -1.63 0.00	31.74 -1.32 0.00	32.34 -1.38 0.00	33.14 -1.38 0.00	35.90 -1.46 0.00	36.81 -1.78 0.00	42.49 -2.28 0.01	45.24 -2.23 0.00	55.43 -2.49 0.00	52.26 -1.90 0.06	47.73 -2.04 0.00	41.28 -2.18 0.99	40.89 -1.93 0.00	35.99 -2.01 0.01
V_CMM_10_SYNC_DSASP 323787	46.15 0.23 0.00	39.90 0.28 0.00	36.86 0.33 0.00	34.78 0.34 0.00	33.27 0.26 0.00	33.56 0.33 0.00	34.49 0.27 0.00	34.35 0.20 0.00	32.52 0.23 0.00	31.70 0.22 0.00	32.19 0.22 0.00	33.30 0.23 0.00	33.99 0.27 0.00	34.83 0.31 0.00	37.62 0.21 0.00	38.82 0.23 0.00	45.05 0.27 0.00	47.52 0.27 0.00	57.98 0.06 0.00	54.22 0.00 0.00	50.17 0.40 0.00	44.81 0.36 0.00	43.11 0.30 0.00	38.35 0.34 0.00

V_CMP_10_SYNC_DSASP 323788	46.75 0.83 0.00	40.29 0.67 0.00	37.22 0.69 0.00	35.13 0.69 0.00	33.67 0.66 0.00	33.93 0.70 0.00	34.87 0.65 0.00	34.76 0.61 0.00	32.94 0.65 0.00	32.08 0.60 0.00	32.54 0.58 0.00	33.70 0.63 0.00	34.39 0.67 0.00	35.21 0.69 0.00	37.99 0.64 0.00	39.24 0.66 0.00	45.54 0.76 0.00	48.28 0.81 0.00	58.96 1.04 0.00	55.15 0.92 0.00	50.77 1.00 0.00	45.25 0.80 0.00	43.54 0.73 0.00	38.73 0.72 0.00
V_D_10_SYNC_DSASP 323841	46.52 0.60 0.00	40.09 0.48 0.00	37.00 0.47 0.00	34.92 0.48 0.00	33.44 0.43 0.00	33.73 0.50 0.00	34.66 0.44 0.00	34.49 0.34 0.00	32.65 0.36 0.00	31.79 0.31 0.00	32.28 0.32 0.00	33.43 0.36 0.00	34.12 0.40 0.00	34.93 0.41 0.00	37.73 0.37 0.00	38.97 0.39 0.00	45.23 0.45 0.00	47.90 0.43 0.00	58.50 0.58 0.00	54.71 0.49 0.00	50.52 0.75 0.00	45.03 0.58 0.00	43.33 0.51 0.00	38.54 0.53 0.00
V_E_10_SYNC_DSASP 323830	48.77 2.85 0.00	42.00 2.38 0.00	38.50 1.97 0.00	36.06 1.62 0.00	34.59 1.58 0.00	34.92 1.69 0.00	36.10 1.88 0.00	35.75 1.60 0.00	33.30 1.00 0.00	32.33 0.85 0.00	32.54 0.58 0.00	33.96 0.89 0.00	34.70 0.98 0.00	35.48 0.97 0.00	38.40 1.05 0.00	39.51 0.93 0.00	46.17 1.39 0.00	49.71 2.23 0.00	61.70 3.65 -0.13	58.01 3.74 -0.05	53.06 3.28 0.00	46.99 2.76 0.22	45.34 2.53 0.00	40.06 2.05 0.00
V_F_30_NSYNC___DSASP 323816	47.34 1.42 0.00	40.93 1.31 0.00	37.70 1.17 0.00	35.61 1.17 0.00	34.07 1.06 0.00	34.32 1.10 0.00	35.25 1.03 0.00	35.07 0.92 0.00	33.01 0.71 0.00	32.08 0.60 0.00	32.57 0.61 0.00	33.50 0.43 0.00	34.26 0.54 0.00	34.97 0.45 0.00	37.92 0.56 0.00	39.32 0.73 0.00	45.63 0.85 0.00	48.66 1.19 0.00	59.77 1.85 0.00	56.07 1.84 0.00	51.51 1.74 0.00	46.10 1.64 0.00	44.35 1.54 0.00	39.42 1.41 0.00
V_F_30_SYNC_DSASP 323786	46.06 0.14 0.00	39.98 0.36 0.00	36.82 0.29 0.00	34.78 0.34 0.00	33.31 0.30 0.00	33.56 0.33 0.00	34.46 0.24 0.00	34.31 0.17 0.00	32.43 0.13 0.00	31.60 0.13 0.00	32.19 0.22 0.00	33.13 0.07 0.00	33.89 0.17 0.00	34.69 0.17 0.00	37.58 0.22 0.00	38.94 0.35 0.00	45.05 0.27 0.00	47.76 0.28 0.00	58.21 0.29 0.00	54.50 0.27 0.00	49.97 0.20 0.00	44.76 0.31 0.00	43.11 0.30 0.00	38.43 0.42 0.00
V_XM_10_SYNC_DSASP 323789	46.75 0.83 0.00	40.29 0.67 0.00	37.22 0.69 0.00	35.13 0.69 0.00	33.67 0.66 0.00	33.93 0.70 0.00	34.87 0.65 0.00	34.76 0.61 0.00	32.94 0.65 0.00	32.08 0.60 0.00	32.54 0.58 0.00	33.70 0.63 0.00	34.39 0.67 0.00	35.21 0.69 0.00	37.99 0.64 0.00	39.24 0.66 0.00	45.54 0.76 0.00	48.28 0.81 0.00	58.96 1.04 0.00	55.15 0.92 0.00	50.77 1.00 0.00	45.25 0.80 0.00	43.54 0.73 0.00	38.73 0.72 0.00
W.BABYLN_69_KV_BK1 56697	49.55 3.63 0.00	42.87 3.25 0.00	39.23 2.70 0.00	36.92 2.48 0.00	35.06 2.05 0.00	35.39 2.16 0.00	36.31 2.09 0.00	36.36 2.22 0.00	34.56 2.26 0.00	34.12 2.64 0.00	37.74 2.65 -3.12	40.35 2.71 -4.57	41.91 2.93 -5.26	47.66 3.14 -10.00	50.25 3.44 -9.46	51.37 3.67 -9.11	53.67 4.39 -4.50	62.80 4.27 -11.06	62.79 4.87 0.00	58.13 3.90 0.00	53.31 3.53 0.00	49.87 3.56 -1.86	46.19 3.38 0.00	40.90 2.89 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.67 1.74 0.00	41.20 1.58 0.00	37.77 1.24 0.00	35.61 1.17 0.00	33.93 0.92 0.00	34.19 0.96 0.00	35.28 1.06 0.00	35.27 1.13 0.00	33.36 1.07 0.00	32.64 1.16 0.00	33.34 1.37 0.00	34.49 1.42 0.00	35.37 1.65 0.00	36.31 1.79 0.00	39.33 1.98 0.00	40.67 2.08 0.00	47.33 2.55 0.00	49.80 2.33 0.00	60.47 2.55 0.00	56.45 2.22 0.00	51.66 1.89 0.00	46.23 1.78 0.00	44.48 1.67 0.00	39.42 1.41 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.12 2.20 0.00	41.56 1.94 0.00	38.03 1.50 0.00	35.85 1.41 0.00	34.13 1.12 0.00	34.39 1.16 0.00	35.55 1.33 0.00	35.58 1.43 0.00	33.75 1.45 0.00	33.05 1.57 0.00	33.75 1.79 0.00	34.92 1.85 0.00	35.78 2.06 0.00	36.76 2.24 0.00	39.78 2.43 0.00	41.14 2.55 0.00	47.78 3.00 0.00	50.13 2.66 0.00	60.64 2.72 0.00	56.50 2.28 0.00	51.81 2.04 0.00	46.54 2.09 0.00	44.82 2.01 0.00	39.76 1.75 0.00
W50THST__13_KV_LOAD 356117	48.40 2.48 0.00	41.76 2.14 0.00	38.24 1.72 0.00	36.02 1.58 0.00	34.33 1.32 0.00	34.59 1.36 0.00	35.76 1.54 0.00	35.78 1.64 0.00	33.95 1.65 0.00	33.24 1.76 0.00	33.95 1.98 0.00	35.15 2.08 0.00	36.01 2.29 0.00	37.00 2.49 0.00	40.01 2.65 0.00	41.41 2.82 0.00	48.10 3.31 0.00	50.42 2.94 0.00	61.05 3.13 0.00	56.83 2.60 0.00	52.11 2.34 0.00	46.81 2.36 0.00	45.08 2.27 0.00	39.95 1.94 0.00
WADING RIVER_IC_1 23522	49.13 3.21 0.00	43.03 3.41 0.00	39.45 2.92 0.00	37.09 2.65 0.00	35.32 2.31 0.00	35.59 2.36 0.00	36.48 2.26 0.00	36.53 2.39 0.00	35.04 2.74 0.00	34.26 2.77 -0.01	37.55 2.46 -3.12	39.99 2.35 -4.57	41.51 2.53 -5.26	47.04 2.52 -10.00	49.54 2.73 -9.46	50.79 3.09 -9.11	53.54 4.26 -4.50	62.37 3.84 -11.05	62.09 4.17 0.00	57.59 3.36 0.00	53.06 3.28 0.00	49.25 2.93 -1.86	45.73 2.91 0.00	40.67 2.66 0.00
WADING RIVER_IC_2 23547	49.13 3.21 0.00	43.03 3.41 0.00	39.45 2.92 0.00	37.09 2.65 0.00	35.32 2.31 0.00	35.59 2.36 0.00	36.48 2.26 0.00	36.53 2.39 0.00	35.04 2.74 0.00	34.26 2.77 -0.01	37.55 2.46 -3.12	39.99 2.35 -4.57	41.51 2.53 -5.26	47.04 2.52 -10.00	49.54 2.73 -9.46	50.79 3.09 -9.11	53.54 4.26 -4.50	62.37 3.84 -11.05	62.09 4.17 0.00	57.59 3.36 0.00	53.06 3.28 0.00	49.25 2.93 -1.86	45.73 2.91 0.00	40.67 2.66 0.00
WADING RIVER_IC_3 23601	49.13 3.21 0.00	43.03 3.41 0.00	39.45 2.92 0.00	37.09 2.65 0.00	35.32 2.31 0.00	35.59 2.36 0.00	36.48 2.26 0.00	36.53 2.39 0.00	35.04 2.74 0.00	34.26 2.77 -0.01	37.55 2.46 -3.12	39.99 2.35 -4.57	41.51 2.53 -5.26	47.04 2.52 -10.00	49.54 2.73 -9.46	50.79 3.09 -9.11	53.54 4.26 -4.50	62.37 3.84 -11.05	62.09 4.17 0.00	57.59 3.36 0.00	53.06 3.28 0.00	49.25 2.93 -1.86	45.73 2.91 0.00	40.67 2.66 0.00
WALDENNY_12_KV_BK2 80841	43.85 -2.07 0.00	37.00 -2.61 0.00	33.97 -2.56 0.00	31.89 -2.55 0.00	30.86 -2.15 0.00	30.97 -2.26 0.00	32.24 -1.98 0.00	32.61 -1.54 0.00	31.23 -1.07 0.00	30.22 -1.26 0.00	30.11 -1.85 0.00	31.61 -1.45 0.00	32.23 -1.48 0.00	33.03 -1.48 0.00	35.86 -1.49 0.00	36.70 -1.89 0.00	42.22 -2.55 0.01	44.91 -2.56 0.00	55.20 -2.72 0.00	52.16 -2.01 0.05	47.53 -2.24 0.00	41.14 -2.44 0.87	40.59 -2.23 0.00	35.65 -2.36 0.01
WALDEN___HYDRO 24148	47.48 1.56 0.00	41.05 1.43 0.00	37.66 1.13 0.00	35.47 1.03 0.00	33.84 0.83 0.00	34.09 0.86 0.00	35.14 0.92 0.00	35.10 0.96 0.00	33.14 0.84 0.00	32.39 0.91 0.00	33.05 1.09 0.00	34.19 1.12 0.00	35.03 1.32 0.00	35.97 1.45 0.00	38.96 1.61 0.00	40.32 1.74 0.00	46.98 2.19 0.00	49.52 2.04 0.00	60.24 2.32 0.00	56.23 2.01 0.00	51.46 1.69 0.00	46.05 1.60 0.00	44.31 1.50 0.00	39.30 1.29 0.00

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