

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										09/09/2023	
Generator Data																											
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
		33.48	31.84	30.94	29.78	28.28	29.25	28.26	27.90	28.05	30.67	32.29	33.67	37.46	37.91	39.55	40.94	46.12	50.20	45.32	41.63	38.99	36.46	36.41	34.16		
		3.24	3.02	2.71	2.53	2.41	2.35	2.48	2.42	2.47	2.79	2.94	3.09	3.50	3.57	3.73	3.71	3.98	3.87	3.77	3.55	3.45	3.19	2.61	3.09		
		0.00	0.00	0.00	0.00	0.00	-1.64	0.00	-0.83	-0.39	0.00	0.00	0.00	-0.27	0.00	0.00	-1.24	-4.18	-8.41	-4.20	-0.28	0.00	0.00	-7.96	-0.21		
74TH STREET_GT_1	24260	33.56	31.90	31.06	29.83	28.34	29.30	28.31	27.95	28.07	30.73	32.32	33.76	37.56	38.08	39.69	40.97	46.12	50.23	45.32	41.63	39.03	36.59	36.51	34.26		
		3.33	3.08	2.82	2.59	2.46	2.40	2.53	2.46	2.49	2.84	2.97	3.18	3.60	3.74	3.87	3.74	3.99	3.91	3.77	3.55	3.48	3.33	2.71	3.18		
		0.00	0.00	0.00	0.00	0.00	-1.64	0.00	-0.83	-0.39	0.00	0.00	0.00	-0.27	0.00	0.00	-1.24	-4.18	-8.41	-4.20	-0.28	0.00	0.00	-7.96	-0.21		
74TH STREET_GT_2	24261	33.56	31.90	31.06	29.83	28.34	29.30	28.31	27.95	28.07	30.73	32.32	33.76	37.56	38.08	39.69	40.97	46.12	50.23	45.32	41.63	39.03	36.59	36.51	34.26		
		3.33	3.08	2.82	2.59	2.46	2.40	2.53	2.46	2.49	2.84	2.97	3.18	3.60	3.74	3.87	3.74	3.99	3.91	3.77	3.55	3.48	3.33	2.71	3.18		
		0.00	0.00	0.00	0.00	0.00	-1.64	0.00	-0.83	-0.39	0.00	0.00	0.00	-0.27	0.00	0.00	-1.24	-4.18	-8.41	-4.20	-0.28	0.00	0.00	-7.96	-0.21		
ADK HUDSON___FALLS	24011	32.57	30.89	30.15	29.10	27.79	29.26	27.77	27.65	28.54	30.14	31.76	33.03	35.70	36.81	38.44	40.22	45.93	64.70	53.52	41.42	38.07	35.79	37.10	32.85		
		2.33	2.07	1.92	1.85	1.91	1.87	1.99	1.92	2.09	2.26	2.41	2.45	2.36	2.47	2.61	2.63	2.54	2.65	2.58	2.72	2.52	2.53	1.83	2.25		
		0.00	0.00	0.00	0.00	0.00	-2.13	0.00	-1.08	-1.25	0.00	0.00	0.00	0.34	0.00	0.00	-1.61	-5.43	-24.13	-13.60	-0.91	0.00	0.00	-9.43	0.27		
ADK RESOURCE___RCVRY	23798	32.75	31.06	30.29	29.23	27.95	29.42	27.95	27.80	28.74	30.37	32.00	33.27	35.90	36.98	38.62	40.44	46.20	65.03	53.80	41.66	38.28	35.96	37.39	33.03		
		2.51	2.25	2.06	1.99	2.07	2.02	2.17	2.07	2.29	2.48	2.64	2.69	2.56	2.64	2.80	2.84	2.81	2.88	2.80	2.95	2.74	2.69	2.12	2.44		
		0.00	0.00	0.00	0.00	0.00	-2.13	0.00	-1.08	-1.26	0.00	0.00	0.00	0.34	0.00	0.00	-1.61	-5.43	-24.23	-13.65	-0.92	0.00	0.00	-9.44	0.27		
ADK S GLENS___FALLS	24028	32.57	30.89	30.15	29.10	27.79	29.26	27.77	27.65	28.54	30.14	31.76	33.03	35.70	36.81	38.44	40.22	45.93	64.70	53.52	41.42	38.07	35.79	37.10	32.85		
		2.33	2.07	1.92	1.85	1.91	1.87	1.99	1.92	2.09	2.26	2.41	2.45	2.36	2.47	2.61	2.63	2.54	2.65	2.58	2.72	2.52	2.53	1.83	2.25		
		0.00	0.00	0.00	0.00	0.00	-2.13	0.00	-1.08	-1.25	0.00	0.00	0.00	0.34	0.00	0.00	-1.61	-5.43	-24.13	-13.60	-0.91	0.00	0.00	-9.43	0.27		
ADK_NYS___DAM	23527	32.05	30.54	29.81	28.80	27.46	28.89	27.46	27.30	27.83	29.62	31.24	32.45	35.03	36.50	38.08	39.82	45.61	58.73	50.61	40.94	37.82	35.22	36.04	32.09		
		1.81	1.73	1.58	1.55	1.58	1.57	1.68	1.60	1.64	1.73	1.88	1.87	2.02	2.16	2.26	2.27	2.39	2.39	2.39	2.42	2.28	1.96	1.52	1.76		
		0.00	0.00	0.00	0.00	0.00	-2.07	0.00	-1.05	-1.00	0.00	0.00	0.00	0.68	0.00	0.00	-1.56	-5.26	-18.43	-10.87	-0.73	0.00	0.00	-8.68	0.53		
AIR_PRODUCTS___DRP	24190	31.08	29.59	28.94	28.01	26.65	28.10	26.56	26.42	26.76	28.67	30.18	31.41	34.37	35.37	36.89	38.64	44.39	55.26	47.61	39.50	36.61	34.23	35.78	31.47		
		0.85	0.78	0.71	0.76	0.78	0.76	0.77	0.71	0.73	0.78	0.82	0.83	0.98	1.03	1.07	1.08	1.14	1.18	1.12	1.10	1.07	0.96	0.70	0.83		
		0.00	0.00	0.00	0.00	0.00	-2.08	0.00	-1.05	-0.84	0.00	0.00	0.00	0.29	0.00	0.00	-1.56	-5.29	-16.17	-9.15	-0.61	0.00	0.00	-9.24	0.23		
AKWESSNE_115KV_BK	355683	29.88	28.47	27.89	26.95	25.41	24.83	25.32	24.26	24.81	27.44	28.89	30.09	33.14	33.82	35.28	35.45	37.28	37.16	36.79	37.26	35.01	32.80	25.50	30.46		
		-0.36	-0.35	-0.34	-0.30	-0.47	-0.43	-0.46	-0.39	-0.38	-0.45	-0.47	-0.49	-0.54	-0.52	-0.54	-0.54	-0.68	-0.76	-0.56	-0.53	-0.53	-0.47	-0.34	-0.40		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.08	29.59	28.94	28.01	26.65	28.10	26.56	26.42	26.76	28.67	30.18	31.41	34.37	35.37	36.89	38.64	44.39	55.26	47.61	39.50	36.61	34.23	35.78	31.47		
		0.85	0.78	0.71	0.76	0.78	0.76	0.77	0.71	0.73	0.78	0.82	0.83	0.98	1.03	1.07	1.08	1.14	1.18	1.12	1.10	1.07	0.96	0.70	0.83		
		0.00	0.00	0.00	0.00	0.00	-2.08	0.00	-1.05	-0.84	0.00	0.00	0.00	0.29	0.00	0.00	-1.56	-5.29	-16.17	-9.15	-0.61	0.00	0.00	-9.24	0.23		
ALBANY___2	23572	31.08	29.59	28.94	28.01	26.65	28.10	26.56	26.42	26.76	28.67	30.18	31.41	34.37	35.37	36.89	38.64	44.39	55.26	47.61	39.50	36.61	34.23	35.78	31.47		
		0.85	0.78	0.71	0.76	0.78	0.76	0.77	0.71	0.73	0.78	0.82	0.83	0.98	1.03	1.07	1.08	1.14	1.18	1.12	1.10	1.07	0.96	0.70	0.83		
		0.00	0.00	0.00	0.00	0.00	-2.08	0.00	-1.05	-0.84	0.00	0.00	0.00	0.29	0.00	0.00	-1.56	-5.29	-16.17	-9.15	-0.61	0.00	0.00	-9.24	0.23		
ALBANY___3	23573	31.08	29.59	28.94	28.01	26.65	28.10	26.56	26.42	26.76	28.67	30.18	31.41	34.37	35.37	36.89	38.64	44.39	55.26	47.61	39.50	36.61	34.23	35.78	31.47		
		0.85	0.78	0.71	0.76	0.78	0.76	0.77	0.71	0.73	0.78	0.82	0.83	0.98	1.03	1.07	1.08	1.14	1.18	1.12	1.10	1.07	0.96	0.70	0.83		
		0.00	0.00	0.00	0.00	0.00	-2.08	0.00	-1.05	-0.84	0.00	0.00	0.00	0.29	0.00	0.00	-1.56	-5.29	-16.17	-9.15	-0.61	0.00	0.00	-9.24	0.23		

ALBANY___4 23574	31.08 0.85 0.00	29.59 0.78 0.00	28.94 0.71 0.00	28.01 0.76 0.00	26.65 0.78 0.00	28.10 0.76 -2.08	26.56 0.77 0.00	26.42 0.71 -1.05	26.76 0.73 -0.84	28.67 0.78 0.00	30.18 0.82 0.00	31.41 0.83 0.00	34.37 0.98 0.29	35.37 1.03 0.00	36.89 1.07 0.00	38.64 1.08 -1.56	44.39 1.14 -5.29	55.26 1.18 -16.17	47.61 1.12 -9.15	39.50 1.10 -0.61	36.61 1.07 0.00	34.23 0.96 0.00	35.78 0.70 -9.24	31.47 0.83 0.23
ALBANY___LFGE 323615	31.39 1.15 0.00	29.91 1.09 0.00	29.19 0.96 0.00	28.28 1.04 0.00	26.94 1.06 0.00	28.36 1.01 -2.09	26.84 1.06 0.00	26.67 0.96 -1.06	27.19 1.03 -0.96	28.97 1.09 0.00	30.53 1.18 0.00	31.77 1.19 0.00	34.72 1.35 0.31	35.74 1.41 0.00	37.29 1.47 0.00	39.04 1.48 -1.57	44.88 1.59 -5.32	57.99 1.59 -18.48	49.33 1.53 -10.45	40.01 1.51 -0.70	37.00 1.46 0.00	34.56 1.30 0.00	36.09 0.98 -9.28	31.76 1.14 0.25
ALCOA_PA_115KV_PL-6C 55860	30.00 -0.24 0.00	28.55 -0.26 0.00	28.01 -0.23 0.00	27.03 -0.22 0.00	25.49 -0.39 0.00	24.91 -0.35 0.00	25.40 -0.39 0.00	24.30 -0.35 0.00	24.89 -0.30 0.00	27.52 -0.36 0.00	28.95 -0.41 0.00	30.18 -0.40 0.00	33.24 -0.44 0.00	33.92 -0.41 0.00	35.35 -0.47 0.00	35.52 -0.47 0.00	37.39 -0.57 0.00	37.27 -0.64 0.00	36.86 -0.49 0.00	37.38 -0.42 0.00	35.08 -0.46 0.00	32.93 -0.33 0.00	25.60 -0.23 0.00	30.65 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	30.00 -0.24 0.00	28.55 -0.26 0.00	28.01 -0.23 0.00	27.03 -0.22 0.00	25.49 -0.39 0.00	24.91 -0.35 0.00	25.40 -0.39 0.00	24.30 -0.35 0.00	24.89 -0.30 0.00	27.52 -0.36 0.00	28.95 -0.41 0.00	30.18 -0.40 0.00	33.24 -0.44 0.00	33.92 -0.41 0.00	35.35 -0.47 0.00	35.52 -0.47 0.00	37.39 -0.57 0.00	37.27 -0.64 0.00	36.86 -0.49 0.00	37.38 -0.42 0.00	35.08 -0.46 0.00	32.93 -0.33 0.00	25.60 -0.23 0.00	30.65 -0.22 0.00
ALCOA___DSASP 323711	30.00 -0.24 0.00	28.55 -0.26 0.00	28.01 -0.23 0.00	27.03 -0.22 0.00	25.49 -0.39 0.00	24.91 -0.35 0.00	25.40 -0.39 0.00	24.30 -0.35 0.00	24.89 -0.30 0.00	27.52 -0.36 0.00	28.95 -0.41 0.00	30.18 -0.40 0.00	33.24 -0.44 0.00	33.93 -0.41 0.00	35.39 -0.43 0.00	35.52 -0.47 0.00	37.31 -0.65 0.00	37.27 -0.64 0.00	36.86 -0.49 0.00	37.38 -0.41 0.00	35.08 -0.46 0.00	32.96 -0.30 0.00	25.63 -0.21 0.00	30.65 -0.21 0.00
ALLEGHENY___COGEN 23514	30.81 0.57 0.00	29.25 0.43 0.00	28.83 0.59 0.00	27.74 0.49 0.00	26.47 0.60 0.00	26.17 0.63 -0.28	26.56 0.77 0.00	25.38 0.59 -0.14	25.80 0.55 -0.05	28.44 0.56 0.00	29.94 0.59 0.00	31.23 0.64 0.00	34.15 0.47 0.00	34.75 0.41 0.00	36.28 0.46 0.00	36.78 0.57 -0.21	39.81 1.14 -0.71	40.31 1.29 -1.10	38.98 1.04 -0.59	39.46 1.62 -0.04	37.00 1.46 0.00	34.39 1.13 0.00	27.96 0.83 -1.30	32.01 1.14 0.00
ALTAMONT_115KV_TB 2 55880	31.51 1.27 0.00	29.99 1.18 0.00	29.33 1.10 0.00	28.36 1.12 0.00	26.99 1.11 0.00	28.43 1.09 -2.08	26.89 1.11 0.00	26.74 1.04 -1.05	27.01 1.06 -0.76	29.03 1.14 0.00	30.53 1.17 0.00	31.78 1.19 0.00	34.82 1.35 0.21	35.78 1.44 0.00	37.32 1.50 0.00	39.07 1.51 -1.57	44.89 1.63 -5.30	54.25 1.67 -14.66	47.17 1.61 -8.21	39.89 1.55 -0.55	37.03 1.49 0.00	34.66 1.40 0.00	36.26 1.06 -9.37	31.97 1.27 0.16
ALTONA_WT_PWR 323606	30.81 0.57 0.00	29.36 0.55 0.00	28.80 0.56 0.00	27.82 0.57 0.00	26.29 0.41 0.00	25.72 0.46 0.00	26.30 0.52 0.00	25.22 0.57 0.00	25.87 0.68 0.00	28.64 0.75 0.00	30.12 0.76 0.00	31.44 0.86 0.00	34.62 0.94 0.00	35.37 1.03 0.00	36.89 1.07 0.00	37.00 1.01 0.00	38.98 1.03 0.00	38.90 0.98 0.00	38.51 1.16 0.00	39.04 1.25 0.00	36.61 1.07 0.00	34.33 1.06 0.00	26.61 0.77 0.00	31.85 0.99 0.00
AMERICAN_REF_FUEL 24010	28.66 -1.57 0.00	27.23 -1.58 0.00	27.10 -1.13 0.00	26.02 -1.23 0.00	24.87 -1.01 0.00	24.56 -0.96 -0.25	24.83 -0.95 0.00	23.35 -1.43 -0.13	23.78 -1.46 -0.05	26.47 -1.42 0.00	28.04 -1.32 0.00	29.36 -1.22 0.00	31.90 -1.79 0.00	32.59 -1.75 0.00	33.96 -1.86 0.00	34.35 -1.83 -0.19	36.78 -1.82 -0.64	36.92 -1.97 -0.97	35.59 -2.28 -0.52	35.75 -2.08 -0.04	33.66 -1.88 0.00	31.43 -1.83 0.00	25.80 -1.21 -1.17	29.75 -1.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.18 -0.06 0.00	28.67 -0.14 0.00	28.26 0.03 0.00	27.08 -0.16 0.00	25.90 0.03 0.00	25.43 -0.13 -0.29	25.97 0.18 0.00	24.50 -0.29 -0.15	25.30 0.05 -0.06	28.17 0.28 0.00	29.80 0.44 0.00	31.23 0.64 0.00	33.92 0.24 0.00	34.68 0.34 0.00	36.11 0.29 0.00	36.14 -0.07 -0.22	38.81 0.11 -0.73	39.09 0.04 -1.14	37.99 0.04 -0.61	38.02 0.19 -0.04	35.68 0.14 0.00	32.90 -0.37 0.00	26.99 -0.18 -1.34	31.20 0.34 0.00
ARTHUR_KILL_GT_1 23520	33.54 3.30 -0.01	31.91 3.08 -0.01	31.04 2.80 -0.01	29.84 2.59 -0.01	28.37 2.48 -0.01	29.34 2.43 -1.65	28.32 2.53 -0.01	27.86 2.37 -0.84	27.86 2.29 -0.38	30.58 2.70 0.01	32.23 2.88 0.01	33.63 3.06 0.01	37.45 3.50 -0.26	37.93 3.60 0.01	39.62 3.80 -0.01	40.83 3.60 -1.24	46.01 3.87 -4.18	50.09 3.75 -8.42	45.21 3.66 -4.20	41.05 3.47 0.21	39.00 3.45 -0.01	36.59 3.26 -0.06	36.47 2.66 -7.97	34.26 3.18 -0.22
ARTHUR_KILL_2 23512	33.45 3.20 -0.01	31.82 3.00 -0.01	30.95 2.71 -0.01	29.76 2.50 -0.01	28.26 2.38 -0.01	29.23 2.32 -1.65	28.22 2.42 -0.01	27.78 2.29 -0.84	27.79 2.22 -0.38	30.50 2.62 0.01	32.11 2.76 0.01	33.51 2.94 0.01	37.31 3.37 -0.26	37.79 3.47 0.01	39.48 3.66 -0.01	40.68 3.46 -1.24	45.86 3.72 -4.18	49.90 3.56 -8.42	45.06 3.51 -4.20	40.90 3.33 0.21	38.86 3.31 -0.01	36.45 3.13 -0.06	36.37 2.56 -7.97	34.14 3.06 -0.22
ARTHUR_KILL_3 23513	33.17 2.93 0.00	31.55 2.74 0.00	30.69 2.46 0.00	29.53 2.29 0.00	28.05 2.17 0.00	29.02 2.12 -1.64	28.00 2.22 0.00	27.68 2.19 -0.83	27.82 2.24 -0.39	30.42 2.54 0.00	32.00 2.64 0.00	33.39 2.81 0.00	37.09 3.13 -0.27	37.53 3.19 0.00	39.11 3.29 0.00	39.93 3.20 -0.74	40.90 3.42 0.48	40.90 3.34 0.36	40.65 3.25 -0.06	40.59 3.02 0.22	38.53 2.99 0.00	36.24 2.93 -0.05	36.15 2.35 -7.96	33.88 2.81 -0.21
ARTHUR_KILL_COGEN 323718	33.54 3.30 -0.01	31.91 3.08 -0.01	31.04 2.80 -0.01	29.84 2.59 -0.01	28.37 2.48 -0.01	29.34 2.43 -1.65	28.32 2.53 -0.01	27.86 2.37 -0.84	27.86 2.29 -0.38	30.58 2.70 0.01	32.23 2.88 0.01	33.63 3.06 0.01	37.45 3.50 -0.26	37.93 3.60 0.01	39.62 3.80 -0.01	40.83 3.60 -1.24	46.01 3.87 -4.18	50.09 3.75 -8.42	45.21 3.66 -4.20	41.05 3.47 0.21	39.00 3.45 -0.01	36.59 3.26 -0.06	36.47 2.66 -7.97	34.26 3.18 -0.22
ASHOKAN____ 23654	32.48 2.24 0.00	30.89 2.08 0.00	30.01 1.78 0.00	29.04 1.80 0.00	27.66 1.78 0.00	27.92 0.81 -1.84	27.28 1.49 0.00	26.35 0.76 -0.93	26.46 0.68 -0.59	29.00 1.12 0.00	30.50 1.14 0.00	31.74 1.16 0.00	36.51 2.83 0.00	35.98 1.65 0.00	37.57 1.75 0.00	38.82 1.44 -1.39	44.55 1.90 -4.70	51.84 2.16 -11.76	45.85 2.13 -6.37	39.81 1.59 -0.43	37.60 2.06 0.00	34.59 1.33 0.00	35.34 0.96 -8.55	33.48 2.62 0.00

ASTORIA_EAST_ENERGY_CC1 323581	33.45 3.20 -0.01	31.79 2.97 -0.01	30.92 2.68 -0.01	29.79 2.53 -0.01	28.29 2.41 -0.01	29.28 2.37 -1.65	28.24 2.45 0.00	27.80 2.32 -0.83	27.82 2.24 -0.39	30.56 2.68 0.00	32.21 2.85 -0.01	33.56 2.97 -0.01	37.20 3.23 -0.28	37.64 3.30 -0.01	39.30 3.47 -0.01	40.79 3.56 -1.24	45.93 3.80 -4.18	50.00 3.68 -8.41	45.10 3.55 -4.20	41.36 3.29 -0.28	38.85 3.31 0.00	36.36 3.09 -0.01	36.37 2.56 -7.97	34.20 3.12 -0.22
ASTORIA_EAST_ENERGY_CC2 323582	33.45 3.20 -0.01	31.79 2.97 -0.01	30.92 2.68 -0.01	29.79 2.53 -0.01	28.29 2.41 -0.01	29.28 2.37 -1.65	28.24 2.45 0.00	27.80 2.32 -0.83	27.82 2.24 -0.39	30.56 2.68 0.00	32.21 2.85 -0.01	33.56 2.97 -0.01	37.20 3.23 -0.28	37.64 3.30 -0.01	39.30 3.47 -0.01	40.79 3.56 -1.24	45.93 3.80 -4.18	50.00 3.68 -8.41	45.10 3.55 -4.20	41.36 3.29 -0.28	38.85 3.31 0.00	36.36 3.09 -0.01	36.37 2.56 -7.97	34.20 3.12 -0.22
ASTORIA_GT2_1 24094	33.51 3.27 -0.01	31.82 3.00 -0.01	30.95 2.71 -0.01	29.79 2.53 -0.01	28.29 2.41 -0.01	29.31 2.40 -1.65	28.26 2.48 0.00	27.80 2.32 -0.83	27.85 2.27 -0.39	30.56 2.68 0.00	32.24 2.88 -0.01	33.59 3.00 -0.01	37.30 3.33 -0.28	37.74 3.40 -0.01	39.45 3.62 -0.01	40.79 3.56 -1.24	45.93 3.80 -4.18	50.00 3.68 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.92 3.38 0.00	36.40 3.13 -0.01	36.44 2.64 -7.97	34.20 3.12 -0.22
ASTORIA_GT2_2 24095	33.51 3.27 -0.01	31.82 3.00 -0.01	30.95 2.71 -0.01	29.79 2.53 -0.01	28.29 2.41 -0.01	29.31 2.40 -1.65	28.26 2.48 0.00	27.80 2.32 -0.83	27.85 2.27 -0.39	30.56 2.68 0.00	32.24 2.88 -0.01	33.59 3.00 -0.01	37.30 3.33 -0.28	37.74 3.40 -0.01	39.45 3.62 -0.01	40.79 3.56 -1.24	45.93 3.80 -4.18	50.00 3.68 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.92 3.38 0.00	36.40 3.13 -0.01	36.44 2.64 -7.97	34.20 3.12 -0.22
ASTORIA_GT2_3 24096	33.51 3.27 -0.01	31.82 3.00 -0.01	30.95 2.71 -0.01	29.79 2.53 -0.01	28.29 2.41 -0.01	29.31 2.40 -1.65	28.26 2.48 0.00	27.80 2.32 -0.83	27.85 2.27 -0.39	30.56 2.68 0.00	32.24 2.88 -0.01	33.59 3.00 -0.01	37.30 3.33 -0.28	37.74 3.40 -0.01	39.45 3.62 -0.01	40.79 3.56 -1.24	45.93 3.80 -4.18	50.00 3.68 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.92 3.38 0.00	36.40 3.13 -0.01	36.44 2.64 -7.97	34.20 3.12 -0.22
ASTORIA_GT2_4 24097	33.51 3.27 -0.01	31.82 3.00 -0.01	30.95 2.71 -0.01	29.79 2.53 -0.01	28.29 2.41 -0.01	29.31 2.40 -1.65	28.26 2.48 0.00	27.80 2.32 -0.83	27.85 2.27 -0.39	30.56 2.68 0.00	32.24 2.88 -0.01	33.59 3.00 -0.01	37.30 3.33 -0.28	37.74 3.40 -0.01	39.45 3.62 -0.01	40.79 3.56 -1.24	45.93 3.80 -4.18	50.00 3.68 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.92 3.38 0.00	36.40 3.13 -0.01	36.44 2.64 -7.97	34.20 3.12 -0.22
ASTORIA_GT3_1 24098	33.51 3.27 -0.01	31.82 3.00 -0.01	30.95 2.71 -0.01	29.79 2.53 -0.01	28.29 2.41 -0.01	29.31 2.40 -1.65	28.26 2.48 0.00	27.80 2.32 -0.83	27.85 2.27 -0.39	30.56 2.68 0.00	32.24 2.88 -0.01	33.59 3.00 -0.01	37.30 3.33 -0.28	37.74 3.40 -0.01	39.45 3.62 -0.01	40.79 3.56 -1.24	45.93 3.80 -4.18	50.00 3.68 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.92 3.38 0.00	36.40 3.13 -0.01	36.44 2.64 -7.97	34.20 3.12 -0.22
ASTORIA_GT3_2 24099	33.51 3.27 -0.01	31.82 3.00 -0.01	30.95 2.71 -0.01																					

ASTORIA_GT_10 24110	33.45 3.21 -0.01	31.79 2.97 -0.01	30.95 2.71 -0.01	29.76 2.51 -0.01	28.27 2.38 -0.01	29.23 2.32 -1.65	28.21 2.42 0.00	27.82 2.34 -0.83	27.90 2.32 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.40 3.44 -0.28	37.92 3.57 -0.01	39.48 3.65 -0.01	40.75 3.53 -1.24	45.82 3.68 -4.18	49.89 3.56 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.88 3.34 0.00	36.46 3.19 -0.01	36.42 2.61 -7.97	34.17 3.09 -0.22
ASTORIA_GT_11 24225	33.45 3.21 -0.01	31.79 2.97 -0.01	30.95 2.71 -0.01	29.76 2.51 -0.01	28.27 2.38 -0.01	29.23 2.32 -1.65	28.21 2.42 0.00	27.82 2.34 -0.83	27.90 2.32 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.40 3.44 -0.28	37.92 3.57 -0.01	39.48 3.65 -0.01	40.75 3.53 -1.24	45.82 3.68 -4.18	49.89 3.56 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.88 3.34 0.00	36.46 3.19 -0.01	36.42 2.61 -7.97	34.17 3.09 -0.22
ASTORIA_GT_12 24226	33.45 3.21 -0.01	31.79 2.97 -0.01	30.95 2.71 -0.01	29.76 2.51 -0.01	28.27 2.38 -0.01	29.23 2.32 -1.65	28.21 2.42 0.00	27.82 2.34 -0.83	27.90 2.32 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.40 3.44 -0.28	37.92 3.57 -0.01	39.48 3.65 -0.01	40.75 3.53 -1.24	45.82 3.68 -4.18	49.89 3.56 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.88 3.34 0.00	36.46 3.19 -0.01	36.42 2.61 -7.97	34.17 3.09 -0.22
ASTORIA_GT_13 24227	33.45 3.21 -0.01	31.79 2.97 -0.01	30.95 2.71 -0.01	29.76 2.51 -0.01	28.27 2.38 -0.01	29.23 2.32 -1.65	28.21 2.42 0.00	27.82 2.34 -0.83	27.90 2.32 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.40 3.44 -0.28	37.92 3.57 -0.01	39.48 3.65 -0.01	40.75 3.53 -1.24	45.82 3.68 -4.18	49.89 3.56 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.88 3.34 0.00	36.46 3.19 -0.01	36.42 2.61 -7.97	34.17 3.09 -0.22
ASTORIA_GT_5 24106	33.54 3.30 -0.01	31.87 3.05 -0.01	31.01 2.77 -0.01	29.84 2.59 -0.01	28.37 2.48 -0.01	29.36 2.45 -1.65	28.31 2.53 0.00	27.85 2.37 -0.83	27.89 2.32 -0.39	30.65 2.76 0.00	32.30 2.94 -0.01	33.65 3.06 -0.01	37.30 3.34 -0.28	37.74 3.40 -0.01	39.41 3.58 -0.01	40.90 3.67 -1.24	46.08 3.95 -4.18	50.12 3.79 -8.41	45.21 3.66 -4.20	41.48 3.40 -0.28	38.95 3.41 0.00	36.46 3.19 -0.01	36.44 2.64 -7.97	34.29 3.21 -0.22
ASTORIA_GT_7 24107	33.54 3.30 -0.01	31.87 3.05 -0.01	31.01 2.77 -0.01	29.84 2.59 -0.01	28.37 2.48 -0.01	29.36 2.45 -1.65	28.31 2.53 0.00	27.85 2.37 -0.83	27.89 2.32 -0.39	30.65 2.76 0.00	32.30 2.94 -0.01	33.65 3.06 -0.01	37.30 3.34 -0.28	37.74 3.40 -0.01	39.41 3.58 -0.01	40.90 3.67 -1.24	46.08 3.95 -4.18	50.12 3.79 -8.41	45.21 3.66 -4.20	41.48 3.40 -0.28	38.95 3.41 0.00	36.46 3.19 -0.01	36.44 2.64 -7.97	34.29 3.21 -0.22
ASTORIA_GT_8 24108	33.60 3.36 -0.01	31.88 3.05 -0.01	31.04 2.80 -0.01	29.87 2.62 -0.01	28.34 2.46 -0.01	29.36 2.45 -1.65	28.31 2.53 0.00	27.85 2.37 -0.83	27.90 2.32 -0.39	30.65 2.76 0.00	32.30 2.94 -0.01	33.65 3.06 -0.01	37.40 3.44 -0.28	37.85 3.50 -0.01	39.55 3.73 -0.01	40.90 3.67 -1.24	46.05 3.91 -4.18	50.12 3.79 -8.41	45.21 3.66 -4.20	41.47 3.40 -0.28	38.99 3.45 0.00	36.46 3.19 -0.01	36.52 2.71 -7.97	34.26 3.18 -0.22
ASTORIA___2 24149	33.48 3.24 -0.01	31.82 3.00 -0.01	30.92 2.68 -0.01	29.79 2.53 -0.01	28.32 2.43 -0.01	29.31 2.40 -1.65	28.26 2.48 0.00	27.80 2.32 -0.83	27.85 2.27 -0.39	30.56 2.68 0.00	32.24 2.88 -0.01	33.59 3.00 -0.01	37.20 3.23 -0.28	37.67 3.33 -0.01	39.30 3.47 -0.01	40.83 3.60 -1.24	45.97 3.83 -4.18	50.00 3.68 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.88 3.34 0.00	36.36 3.09 -0.01	36.39 2.58 -7.97	34.20 3.12 -0.22
ASTORIA___3 23516	33.42 3.17 -0.01	31.79 2.97 -0.01	30.92 2.68 -0.01	29.76 2.50 -0.01	28.26 2.38 -0.01	29.23 2.32 -1.65	28.21 2.42 0.00	27.82 2.34 -0.83	27.89 2.32 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.36 3.40 -0.28	37.85 3.50 -0.01	39.48 3.66 -0.01	40.76 3.53 -1.24	45.86 3.72 -4.18	49.89 3.56 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.85 3.31 0.00	36.46 3.19 -0.01	36.37 2.56 -7.97	34.14 3.06 -0.22
ASTORIA___4 23517	33.45 3.21 -0.01	31.79 2.97 -0.01	30.95 2.71 -0.01	29.76 2.51 -0.01	28.27 2.38 -0.01	29.23 2.32 -1.65	28.21 2.42 0.00	27.82 2.34 -0.83	27.90 2.32 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.40 3.44 -0.28	37.92 3.57 -0.01	39.48 3.65 -0.01	40.75 3.53 -1.24	45.82 3.68 -4.18	49.89 3.56 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.88 3.34 0.00	36.46 3.19 -0.01	36.42 2.61 -7.97	34.17 3.09 -0.22
ASTORIA___5 23518	33.42 3.17 -0.01	31.79 2.97 -0.01	30.92 2.68 -0.01	29.76 2.50 -0.01	28.26 2.38 -0.01	29.23 2.32 -1.65	28.21 2.42 0.00	27.82 2.34 -0.83	27.89 2.32 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.36 3.40 -0.28	37.85 3.50 -0.01	39.48 3.66 -0.01	40.76 3.53 -1.24	45.86 3.72 -4.18	49.89 3.56 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.85 3.31 0.00	36.46 3.19 -0.01	36.37 2.56 -7.97	34.14 3.06 -0.22
AST_ENERGY_2_CC3 323677	33.26 3.02 0.00	31.64 2.83 0.00	30.77 2.54 0.00	29.61 2.37 0.00	28.13 2.25 0.00	29.10 2.20 -1.64	28.08 2.29 0.00	27.72 2.24 -0.83	27.87 2.29 -0.39	30.48 2.59 0.00	32.06 2.70 0.00	33.46 2.87 0.00	37.19 3.23 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.61 3.38 -1.24	45.74 3.61 -4.18	49.85 3.53 -8.41	44.95 3.40 -4.20	41.25 3.17 -0.28	38.67 3.13 0.00	36.26 2.99 0.00	36.23 2.43 -7.96	33.98 2.90 -0.21
AST_ENERGY_2_CC4 323678	33.26 3.02 0.00	31.64 2.83 0.00	30.77 2.54 0.00	29.61 2.37 0.00	28.13 2.25 0.00	29.10 2.20 -1.64	28.08 2.29 0.00	27.72 2.24 -0.83	27.87 2.29 -0.39	30.48 2.59 0.00	32.06 2.70 0.00	33.46 2.87 0.00	37.19 3.23 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.61 3.38 -1.24	45.74 3.61 -4.18	49.85 3.53 -8.41	44.95 3.40 -4.20	41.25 3.17 -0.28	38.67 3.13 0.00	36.26 2.99 0.00	36.23 2.43 -7.96	33.98 2.90 -0.21
ATHENS_STG_1 23668	31.69 1.45 0.00	30.20 1.38 0.00	29.50 1.27 0.00	28.55 1.31 0.00	27.17 1.29 0.00	28.37 1.26 -1.85	27.05 1.26 0.00	26.79 1.21 -0.94	26.84 1.23 -0.41	29.25 1.37 0.00	30.77 1.41 0.00	32.02 1.44 0.00	35.41 1.65 -0.08	36.05 1.72 0.00	37.65 1.83 0.00	39.18 1.80 -1.39	44.61 1.93 -4.71	48.35 1.93 -8.50	43.69 1.87 -4.47	39.83 1.74 -0.30	37.25 1.71 0.00	34.89 1.63 0.00	35.81 1.29 -8.69	32.44 1.51 -0.06
ATHENS_STG_2 23670	31.69 1.45 0.00	30.20 1.38 0.00	29.50 1.27 0.00	28.55 1.31 0.00	27.17 1.29 0.00	28.37 1.26 -1.85	27.05 1.26 0.00	26.79 1.21 -0.94	26.84 1.23 -0.41	29.25 1.37 0.00	30.77 1.41 0.00	32.02 1.44 0.00	35.41 1.65 -0.08	36.05 1.72 0.00	37.65 1.83 0.00	39.18 1.80 -1.39	44.61 1.93 -4.71	48.35 1.93 -8.50	43.69 1.87 -4.47	39.83 1.74 -0.30	37.25 1.71 0.00	34.89 1.63 0.00	35.81 1.29 -8.69	32.44 1.51 -0.06

ATHENS_STG_3 23677	31.69 1.45 0.00	30.20 1.38 0.00	29.50 1.27 0.00	28.55 1.31 0.00	27.17 1.29 0.00	28.37 1.26 -1.85	27.05 1.26 0.00	26.79 1.21 -0.94	26.84 1.23 -0.41	29.25 1.37 0.00	30.77 1.41 0.00	32.02 1.44 0.00	35.41 1.65 -0.08	36.05 1.72 0.00	37.65 1.83 0.00	39.18 1.80 -1.39	44.61 1.93 -4.71	48.35 1.93 -8.50	43.69 1.87 -4.47	39.83 1.74 -0.30	37.25 1.71 0.00	34.89 1.63 0.00	35.81 1.29 -8.69	32.44 1.51 -0.06
AUBURN____LFGE 323710	31.17 0.00 -0.93	28.81 0.00 0.00	28.26 0.03 0.00	27.22 -0.03 0.00	25.98 0.10 0.00	25.52 0.05 -0.21	25.91 0.13 0.00	24.85 0.10 -0.11	25.35 0.13 -0.04	28.63 0.20 -0.55	30.43 0.26 -0.81	31.91 0.31 -1.02	35.49 0.30 -1.50	36.04 0.14 -1.57	37.77 0.14 -1.81	38.22 0.22 -2.02	41.06 0.42 -2.69	41.28 0.49 -2.87	40.04 0.30 -2.39	40.26 0.45 -2.02	37.58 0.36 -1.68	34.82 0.27 -1.29	26.94 0.10 -1.00	32.04 0.12 -1.06
BABYLON_RES_REC 323704	44.09 3.75 -10.11	40.52 3.54 -8.16	39.74 3.27 -8.24	37.01 3.08 -6.69	36.32 2.92 -7.52	36.73 2.88 -8.59	37.29 3.02 -8.48	37.96 2.88 -10.42	43.26 2.97 -15.10	42.43 3.34 -11.20	43.45 3.29 -10.81	49.83 3.39 -15.86	55.85 3.44 -18.73	58.46 3.50 -20.62	53.10 3.73 -13.56	62.90 3.60 -23.31	59.28 3.91 -17.41	59.29 3.91 -17.46	54.00 4.03 -12.61	50.06 3.86 -8.41	47.24 3.66 -8.04	44.98 3.72 -8.00	41.15 3.12 -12.19	38.59 3.76 -3.96
BABYLON__69_KV_BK2 356345	45.24 4.29 -10.71	41.01 4.03 -8.16	40.85 3.75 -8.86	37.45 3.51 -6.69	36.71 3.31 -7.52	37.14 3.28 -8.59	37.70 3.43 -8.48	38.35 3.28 -10.42	43.69 3.40 -15.10	42.96 3.88 -11.20	46.26 3.85 -13.05	50.45 4.01 -15.86	56.74 4.31 -18.74	59.46 4.50 -20.63	64.59 4.62 -24.15	75.33 4.57 -34.76	74.48 4.90 -31.63	72.89 4.93 -30.04	67.16 4.89 -24.92	62.81 4.72 -20.30	58.68 4.48 -18.66	50.09 4.32 -12.50	44.69 3.64 -15.21	40.25 4.32 -5.07
BALL_HILL_WT_PWR 323825	29.69 -0.54 0.00	28.32 -0.49 0.00	27.67 -0.56 0.00	26.73 -0.52 0.00	25.62 -0.26 0.00	25.06 -0.48 -0.28	25.58 -0.21 0.00	24.10 -0.69 -0.14	24.84 -0.40 -0.05	27.64 -0.25 0.00	29.24 -0.12 0.00	30.61 0.03 0.00	33.24 -0.44 0.00	33.99 -0.34 0.00	35.50 -0.32 0.00	35.48 -0.72 -0.21	37.88 -0.80 -0.72	38.38 -0.64 -1.10	37.30 -0.63 -0.59	37.38 -0.45 -0.04	35.08 -0.46 0.00	32.90 -0.37 0.00	26.54 -0.59 -1.30	30.71 -0.15 0.00
BARON_WINDS____WT_PWR 323822	30.30 -0.15 -0.21	28.61 -0.20 0.00	28.18 -0.06 0.00	27.06 -0.19 0.00	25.85 -0.03 0.00	25.44 -0.18 -0.36	25.84 0.05 0.00	24.56 -0.27 -0.18	25.21 -0.05 -0.07	28.09 0.08 -0.12	29.69 0.15 -0.18	31.09 0.27 -0.23	34.05 0.03 -0.34	34.69 0.00 -0.35	36.19 -0.04 -0.41	36.43 -0.25 -0.69	39.35 0.00 -1.39	39.88 0.04 -1.93	38.54 -0.04 -1.23	38.41 0.11 -0.50	35.99 0.07 -0.38	33.25 -0.30 -0.29	27.32 -0.18 -1.66	31.22 0.12 -0.24
BARRETT_IC_1 23704	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BARRETT_IC_10 23701	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BARRETT_IC_11 23702	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BARRETT_IC_12 23703	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BARRETT_IC_2 23705	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BARRETT_IC_3 23706	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BARRETT_IC_4 23707	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BARRETT_IC_5 23708	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BARRETT_IC_6 23709	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22

BARRETT_IC_7 23710	42.94 2.99 -9.71	39.77 2.79 -8.16	38.68 2.63 -7.82	36.41 2.48 -6.69	35.77 2.38 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.55 3.13 -18.73	58.18 3.23 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.27 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.87 2.48 -10.56	36.98 2.90 -3.22
BARRETT_IC_8 23711	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BARRETT_IC_9 23700	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BARRETT___1 23545	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BARRETT___2 23546	42.88 2.93 -9.71	39.74 2.77 -8.16	38.65 2.60 -7.82	36.38 2.45 -6.69	35.80 2.41 -7.52	36.15 2.30 -8.59	36.69 2.42 -8.48	37.39 2.32 -10.42	42.58 2.29 -15.10	41.67 2.59 -11.19	41.56 2.61 -9.59	49.19 2.75 -15.86	55.51 3.10 -18.73	58.11 3.16 -20.62	45.66 3.37 -6.47	57.07 3.35 -17.73	49.43 3.57 -7.90	50.49 3.53 -9.05	45.28 3.55 -4.38	41.61 3.36 -0.46	39.60 3.13 -0.93	41.75 2.93 -5.56	38.80 2.40 -10.56	36.95 2.87 -3.22
BATAVIA___115KV_TB1 55881	29.54 -0.70 0.00	28.24 -0.58 0.00	27.61 -0.62 0.00	26.84 -0.41 0.00	25.62 -0.26 0.00	25.32 -0.18 -0.23	25.63 -0.15 0.00	24.28 -0.49 -0.12	24.73 -0.50 -0.04	27.52 -0.36 0.00	29.15 -0.21 0.00	30.49 -0.09 0.00	33.14 -0.54 0.00	33.89 -0.45 0.00	35.43 -0.39 0.00	35.66 -0.50 -0.18	37.99 -0.57 -0.60	38.31 -0.49 -0.89	37.04 -0.78 -0.47	37.48 -0.34 -0.03	35.19 -0.36 0.00	32.93 -0.33 0.00	26.61 -0.31 -1.08	30.77 -0.09 0.00
BAYONEEC___CTG1 323682	33.29 3.05 0.00	31.67 2.85 0.00	30.80 2.57 0.00	29.61 2.37 0.00	28.16 2.28 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.89 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.22 3.27 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.11 3.38 -0.74	45.73 3.61 -4.16	49.85 3.53 -8.41	44.97 3.43 -4.19	40.78 3.21 0.22	38.70 3.16 0.00	36.29 3.03 0.00	36.26 2.46 -7.96	34.01 2.93 -0.21
BAYONEEC___CTG10 323750	33.29 3.05 0.00	31.67 2.85 0.00	30.80 2.57 0.00	29.61 2.37 0.00	28.16 2.28 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.89 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.22 3.27 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.11 3.38 -0.74	45.73 3.61 -4.16	49.85 3.53 -8.41	44.97 3.43 -4.19	40.78 3.21 0.22	38.70 3.16 0.00	36.29 3.03 0.00	36.26 2.46 -7.96	34.01 2.93 -0.21
BAYONEEC___CTG2 323683	33.29 3.05 0.00	31.67 2.85 0.00	30.80 2.57 0.00	29.61 2.37 0.00	28.16 2.28 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.89 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.22 3.27 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.11 3.38 -0.74	45.73 3.61 -4.16	49.85 3.53 -8.41	44.97 3.43 -4.19	40.78 3.21 0.22	38.70 3.16 0.00	36.29 3.03 0.00	36.26 2.46 -7.96	34.01 2.93 -0.21
BAYONEEC___CTG3 323684	33.29 3.05 0.00	31.67 2.85 0.00	30.80 2.57 0.00	29.61 2.37 0.00	28.16 2.28 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.89 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.22 3.27 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.11 3.38 -0.74	45.73 3.61 -4.16	49.85 3.53 -8.41	44.97 3.43 -4.19	40.78 3.21 0.22	38.70 3.16 0.00	36.29 3.03 0.00	36.26 2.46 -7.96	34.01 2.93 -0.21
BAYONEEC___CTG4 323685	33.29 3.05 0.00	31.67 2.85 0.00	30.80 2.57 0.00	29.61 2.37 0.00	28.16 2.28 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.89 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.22 3.27 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.11 3.38 -0.74	45.73 3.61 -4.16	49.85 3.53 -8.41	44.97 3.43 -4.19	40.78 3.21 0.22	38.70 3.16 0.00	36.29 3.03 0.00	36.26 2.46 -7.96	34.01 2.93 -0.21
BAYONEEC___CTG5 323686	33.29 3.05 0.00	31.67 2.85 0.00	30.80 2.57 0.00	29.61 2.37 0.00	28.16 2.28 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.89 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.22 3.27 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.11 3.38 -0.74	45.73 3.61 -4.16	49.85 3.53 -8.41	44.97 3.43 -4.19	40.78 3.21 0.22	38.70 3.16 0.00	36.29 3.03 0.00	36.26 2.46 -7.96	34.01 2.93 -0.21
BAYONEEC___CTG6 323687	33.29 3.05 0.00	31.67 2.85 0.00	30.80 2.57 0.00	29.61 2.37 0.00	28.16 2.28 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.89 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.22 3.27 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.11 3.38 -0.74	45.73 3.61 -4.16	49.85 3.53 -8.41	44.97 3.43 -4.19	40.78 3.21 0.22	38.70 3.16 0.00	36.29 3.03 0.00	36.26 2.46 -7.96	34.01 2.93 -0.21
BAYONEEC___CTG7 323688	33.29 3.05 0.00	31.67 2.85 0.00	30.80 2.57 0.00	29.61 2.37 0.00	28.16 2.28 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.89 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.22 3.27 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.11 3.38 -0.74	45.73 3.61 -4.16	49.85 3.53 -8.41	44.97 3.43 -4.19	40.78 3.21 0.22	38.70 3.16 0.00	36.29 3.03 0.00	36.26 2.46 -7.96	34.01 2.93 -0.21
BAYONEEC___CTG8 323689	33.29 3.05 0.00	31.67 2.85 0.00	30.80 2.57 0.00	29.61 2.37 0.00	28.16 2.28 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.89 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.22 3.27 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.11 3.38 -0.74	45.73 3.61 -4.16	49.85 3.53 -8.41	44.97 3.43 -4.19	40.78 3.21 0.22	38.70 3.16 0.00	36.29 3.03 0.00	36.26 2.46 -7.96	34.01 2.93 -0.21

BAYONEEC___CTG9 323749	33.29 3.05 0.00	31.67 2.85 0.00	30.80 2.57 0.00	29.61 2.37 0.00	28.16 2.28 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.89 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.22 3.27 -0.27	37.67 3.33 0.00	39.29 3.47 0.00	40.11 3.38 -0.74	45.73 3.61 -4.16	49.85 3.53 -8.41	44.97 3.43 -4.19	40.78 3.21 0.22	38.70 3.16 0.00	36.29 3.03 0.00	36.26 2.46 -7.96	34.01 2.93 -0.21
BEACON___LESR 323632	31.66 1.42 0.00	30.14 1.33 0.00	29.42 1.19 0.00	28.50 1.25 0.00	27.15 1.27 0.00	28.55 1.21 -2.07	27.10 1.31 0.00	26.93 1.23 -1.05	27.35 1.31 -0.85	29.25 1.37 0.00	30.82 1.47 0.00	32.08 1.50 0.00	35.03 1.65 0.30	36.05 1.72 0.00	37.61 1.79 0.00	39.35 1.80 -1.56	45.21 1.97 -5.28	56.23 2.01 -16.31	48.53 1.94 -9.24	40.38 1.96 -0.62	37.39 1.85 0.00	34.96 1.70 0.00	36.31 1.27 -9.21	32.07 1.45 0.24
BEAVER RIVER___HYD 24048	30.53 -0.21 -0.50	28.55 -0.26 0.00	27.98 -0.25 0.00	26.95 -0.30 0.00	25.59 -0.28 0.00	25.00 -0.33 -0.06	25.55 -0.23 0.00	24.46 -0.22 -0.03	24.96 -0.23 0.00	27.93 -0.25 -0.29	29.47 -0.32 -0.43	30.73 -0.40 -0.55	33.95 -0.54 -0.81	34.59 -0.58 -0.84	36.15 -0.64 -0.97	36.46 -0.58 -1.05	39.01 -0.26 -1.32	38.94 -0.11 -1.13	38.26 -0.15 -1.06	38.86 0.00 -1.07	36.30 -0.14 -0.90	33.79 -0.17 -0.69	25.99 -0.15 -0.31	31.34 -0.09 -0.57
BEEBEE_GT_13 23619	29.57 -0.67 0.00	28.18 -0.63 0.00	27.58 -0.65 0.00	26.70 -0.54 0.00	25.49 -0.39 0.00	25.26 -0.20 -0.20	25.45 -0.34 0.00	24.36 -0.39 -0.10	24.67 -0.55 -0.04	27.41 -0.47 0.00	29.00 -0.35 0.00	30.34 -0.24 0.00	33.14 -0.54 0.00	33.82 -0.52 0.00	35.32 -0.50 0.00	35.75 -0.40 -0.15	38.05 -0.42 -0.51	38.23 -0.42 -0.73	36.91 -0.82 -0.39	37.33 -0.49 -0.03	35.04 -0.50 0.00	32.80 -0.47 0.00	26.48 -0.28 -0.93	30.55 -0.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.84 3.60 -0.01	32.14 3.31 -0.01	31.29 3.05 -0.01	30.09 2.83 -0.01	28.58 2.69 -0.01	29.54 2.63 -1.65	28.53 2.73 -0.01	28.10 2.61 -0.84	28.15 2.57 -0.39	30.90 3.01 0.00	32.56 3.20 -0.01	33.99 3.39 -0.01	37.80 3.84 -0.28	38.36 4.02 -0.01	39.98 4.16 -0.01	41.22 4.00 -1.24	46.39 4.25 -4.18	50.51 4.17 -8.42	45.62 4.07 -4.20	41.93 3.85 -0.28	39.39 3.84 -0.01	37.00 3.63 -0.11	36.75 2.95 -7.97	34.54 3.46 -0.22
BETHLEHEM___GRP 23843	31.08 0.85 0.00	29.59 0.78 0.00	28.94 0.71 0.00	28.01 0.76 0.00	26.65 0.78 0.00	28.10 0.76 -2.08	26.56 0.77 0.00	26.42 0.71 -1.05	26.76 0.73 -0.84	28.67 0.78 0.00	30.18 0.82 0.00	31.41 0.83 0.00	34.37 0.98 0.29	35.37 1.03 0.00	36.89 1.07 0.00	38.64 1.08 -1.56	44.39 1.14 -5.29	55.26 1.18 -16.17	47.61 1.12 -9.15	39.50 1.10 -0.61	36.61 1.07 0.00	34.23 0.96 0.00	35.78 0.70 -9.24	31.47 0.83 0.23
BETHLEHEM___GS1 323560	31.05 0.82 0.00	29.59 0.78 0.00	28.91 0.68 0.00	28.01 0.76 0.00	26.65 0.78 0.00	28.10 0.76 -2.08	26.56 0.77 0.00	26.42 0.72 -1.05	26.77 0.73 -0.84	28.67 0.78 0.00	30.18 0.82 0.00	31.41 0.83 0.00	34.34 0.94 0.29	35.33 1.00 0.00	36.89 1.07 0.00	38.63 1.08 -1.56	44.38 1.14 -5.29	55.26 1.18 -16.17	47.61 1.12 -9.15	39.50 1.10 -0.61	36.61 1.07 0.00	34.19 0.93 0.00	35.78 0.70 -9.24	31.47 0.83 0.23
BETHLEHEM___GS2 323561	31.05 0.82 0.00	29.59 0.78 0.00	28.91 0.68 0.00	28.01 0.76 0.00	26.65 0.78 0.00	28.10 0.76 -2.08	26.56 0.77 0.00	26.42 0.72 -1.05	26.77 0.73 -0.84	28.67 0.78 0.00	30.18 0.82 0.00	31.41 0.83 0.00	34.34 0.94 0.29	35.33 1.00 0.00	36.89 1.07 0.00	38.63 1.08 -1.56	44.38 1.14 -5.29	55.26 1.18 -16.17	47.61 1.12 -9.15	39.50 1.10 -0.61	36.61 1.07 0.00	34.19 0.93 0.00	35.78 0.70 -9.24	31.47 0.83 0.23
BETHLEHEM___GS3 323562	31.05 0.82 0.00	29.59 0.78 0.00	28.91 0.68 0.00	28.01 0.76 0.00	26.65 0.78 0.00	28.10 0.76 -2.08	26.56 0.77 0.00	26.42 0.72 -1.05	26.77 0.73 -0.84	28.67 0.78 0.00	30.18 0.82 0.00	31.41 0.83 0.00	34.34 0.94 0.29	35.33 1.00 0.00	36.89 1.07 0.00	38.63 1.08 -1.56	44.38 1.14 -5.29	55.26 1.18 -16.17	47.61 1.12 -9.15	39.50 1.10 -0.61	36.61 1.07 0.00	34.19 0.93 0.00	35.78 0.70 -9.24	31.47 0.83 0.23
BETHLEHEM___STEEL 23779	29.60 -0.63 0.00	28.24 -0.58 0.00	27.58 -0.65 0.00	26.65 -0.60 0.00	25.54 -0.34 0.00	25.00 -0.53 -0.27	25.50 -0.28 0.00	23.95 -0.84 -0.14	24.66 -0.58 -0.05	27.47 -0.42 0.00	29.06 -0.29 0.00	30.43 -0.15 0.00	33.04 -0.64 0.00	33.79 -0.55 0.00	35.28 -0.54 0.00	35.26 -0.94 -0.20	37.59 -1.06 -0.69	38.07 -0.91 -1.06	37.06 -0.86 -0.57	37.15 -0.68 -0.04	34.87 -0.68 0.00	32.73 -0.53 0.00	26.37 -0.72 -1.26	30.58 -0.28 0.00
BETHLHEM_115KV_TB1 79974	31.18 0.94 0.00	29.68 0.86 0.00	29.02 0.79 0.00	28.09 0.84 0.00	26.73 0.85 0.00	28.17 0.83 -2.08	26.64 0.85 0.00	26.49 0.79 -1.05	26.82 0.81 -0.82	28.75 0.86 0.00	30.27 0.91 0.00	31.50 0.92 0.00	34.45 1.04 0.28	35.47 1.13 0.00	37.00 1.18 0.00	38.71 1.15 -1.56	44.50 1.25 -5.29	54.95 1.25 -15.79	47.50 1.23 -8.92	39.56 1.17 -0.60	36.68 1.14 0.00	34.33 1.06 0.00	35.87 0.78 -9.26	31.57 0.93 0.22
BETHPAGE_CC_5 323564	43.49 3.36 -9.89	40.17 3.20 -8.16	39.18 2.94 -8.02	36.74 2.81 -6.69	36.08 2.69 -7.52	36.48 2.63 -8.59	37.00 2.73 -8.48	37.74 2.66 -10.42	42.95 2.67 -15.10	42.12 3.04 -11.19	42.52 3.00 -10.17	49.53 3.09 -15.86	55.88 3.47 -18.73	58.49 3.54 -20.62	49.40 3.76 -9.82	59.12 3.71 -19.42	54.35 3.98 -12.40	54.89 3.94 -13.03	49.58 3.96 -8.28	45.79 3.78 -4.22	43.39 3.55 -4.29	43.34 3.36 -6.72	39.96 2.79 -11.34	37.83 3.39 -3.57
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.63 -0.60 0.00	28.29 -0.52 0.00	27.64 -0.59 0.00	26.70 -0.54 0.00	25.59 -0.28 0.00	24.96 -0.58 -0.28	25.55 -0.23 0.00	23.93 -0.86 -0.14	24.74 -0.50 -0.05	27.55 -0.33 0.00	29.15 -0.21 0.00	30.52 -0.06 0.00	33.14 -0.54 0.00	33.89 -0.45 0.00	35.39 -0.43 0.00	35.26 -0.94 -0.21	37.60 -1.06 -0.70	38.08 -0.91 -1.08	37.18 -0.75 -0.58	37.26 -0.57 -0.04	34.97 -0.57 0.00	32.80 -0.47 0.00	26.36 -0.75 -1.28	30.65 -0.22 0.00
BINGHAMTON___COGEN 23790	30.88 0.24 -0.40	29.02 0.20 0.00	28.43 0.20 0.00	27.41 0.16 0.00	26.14 0.26 0.00	25.93 0.15 -0.52	26.04 0.26 0.00	25.06 0.15 -0.26	25.55 0.25 -0.11	28.45 0.33 -0.23	30.08 0.38 -0.34	31.45 0.43 -0.43	34.69 0.37 -0.64	35.38 0.38 -0.67	36.98 0.39 -0.77	37.46 0.29 -1.18	40.65 0.46 -2.24	41.55 0.53 -3.10	39.82 0.45 -2.03	39.21 0.49 -0.92	36.68 0.43 -0.71	34.21 0.40 -0.55	28.41 0.16 -2.42	31.62 0.31 -0.45
BIXINCNT_115KV_LOAD 355685	29.94 -0.30 0.00	28.55 -0.26 0.00	27.92 -0.31 0.00	26.92 -0.33 0.00	25.83 -0.05 0.00	25.00 -0.56 -0.29	25.81 0.03 0.00	24.08 -0.71 -0.15	25.15 -0.10 -0.06	27.97 0.08 0.00	29.56 0.21 0.00	30.95 0.37 0.00	33.58 -0.10 0.00	34.34 0.00 0.00	35.86 0.04 0.00	35.42 -0.79 -0.22	37.87 -0.84 -0.74	38.43 -0.64 -1.15	37.70 -0.26 -0.62	37.76 -0.08 -0.04	35.40 -0.14 0.00	33.16 -0.10 0.00	26.46 -0.72 -1.35	30.86 0.00 0.00

BLACK RIVER___HYD 24047	31.08 0.00 -0.84	28.76 -0.06 0.00	28.18 -0.06 0.00	27.11 -0.14 0.00	25.77 -0.10 0.00	25.17 -0.18 -0.09	25.79 0.00 0.00	24.67 -0.02 -0.04	25.14 -0.05 0.00	28.36 -0.03 -0.50	30.00 -0.09 -0.73	31.33 -0.18 -0.93	34.74 -0.30 -1.36	35.38 -0.38 -1.42	37.00 -0.47 -1.64	37.38 -0.36 -1.75	40.25 0.11 -2.18	40.13 0.30 -1.91	39.33 0.19 -1.80	40.01 0.42 -1.81	37.28 0.21 -1.53	34.54 0.10 -1.17	26.28 0.03 -0.42	31.95 0.12 -0.96
BLACKRVR_115KV_TB2 79977	31.05 -0.03 -0.84	28.76 -0.06 0.00	28.15 -0.08 0.00	27.11 -0.14 0.00	25.77 -0.10 0.00	25.17 -0.18 -0.09	25.79 0.00 0.00	24.67 -0.02 -0.04	25.14 -0.05 0.00	28.36 -0.03 -0.50	30.00 -0.09 -0.73	31.33 -0.18 -0.93	34.74 -0.30 -1.36	35.31 -0.45 -1.42	37.00 -0.47 -1.64	37.38 -0.36 -1.75	40.21 0.08 -2.18	40.13 0.30 -1.91	39.33 0.19 -1.80	40.01 0.42 -1.81	37.28 0.21 -1.53	34.54 0.10 -1.17	26.26 0.00 -0.42	31.91 0.09 -0.96
BLISS_WT_PWR 323608	30.00 -0.24 0.00	28.50 -0.32 0.00	28.12 -0.11 0.00	26.95 -0.30 0.00	25.77 -0.10 0.00	25.02 -0.53 -0.29	25.84 0.05 0.00	24.11 -0.69 -0.15	25.17 -0.08 -0.06	28.00 0.11 0.00	29.59 0.23 0.00	30.98 0.40 0.00	33.68 0.00 0.00	34.41 0.07 0.00	35.82 0.00 0.00	35.45 -0.76 -0.22	38.09 -0.61 -0.74	38.46 -0.61 -1.15	37.74 -0.22 -0.62	37.80 -0.04 -0.04	35.44 -0.11 0.00	32.27 -1.00 0.00	26.54 -0.64 -1.35	30.96 0.09 0.00
BLUESTONE___WT_PWR 323821	32.41 1.81 -0.35	30.48 1.67 0.00	29.84 1.61 0.00	28.72 1.47 0.00	27.38 1.50 0.00	27.15 1.29 -0.60	27.36 1.57 0.00	26.33 1.38 -0.30	26.80 1.49 -0.13	29.85 1.76 -0.21	31.52 1.85 -0.31	32.90 1.93 -0.39	36.34 2.09 -0.57	36.99 2.06 -0.60	38.66 2.15 -0.69	39.17 2.01 -1.16	43.00 2.70 -2.35	44.10 2.81 -3.37	42.10 2.61 -2.14	41.51 2.87 -0.85	38.71 2.52 -0.64	35.75 2.00 -0.49	30.07 1.45 -2.79	33.15 1.88 -0.40
BLUE_CIRC_CHEM_DRP 24182	31.57 1.33 0.00	30.05 1.24 0.00	29.39 1.16 0.00	28.44 1.20 0.00	27.09 1.22 0.00	28.47 1.16 -2.04	26.97 1.19 0.00	26.77 1.08 -1.03	27.05 1.13 -0.72	29.09 1.20 0.00	30.65 1.29 0.00	31.90 1.32 0.00	34.96 1.48 0.20	35.88 1.55 0.00	37.43 1.61 0.00	39.11 1.58 -1.54	44.83 1.67 -5.20	53.63 1.71 -14.01	46.84 1.64 -7.85	39.98 1.66 -0.53	37.14 1.60 0.00	34.73 1.46 0.00	36.09 1.06 -9.20	32.00 1.30 0.16
BOC_GAS_DRP 24189	31.36 1.12 0.00	29.85 1.04 0.00	29.22 0.99 0.00	28.25 1.01 0.00	26.89 1.01 0.00	28.32 0.99 -2.07	26.76 0.98 0.00	26.61 0.91 -1.05	26.85 0.96 -0.71	28.92 1.03 0.00	30.41 1.06 0.00	31.68 1.10 0.00	34.73 1.25 0.20	35.64 1.30 0.00	37.18 1.36 0.00	38.92 1.37 -1.56	44.68 1.44 -5.28	53.05 1.48 -13.65	46.42 1.42 -7.65	39.67 1.36 -0.51	36.86 1.32 0.00	34.49 1.23 0.00	36.11 0.93 -9.35	31.82 1.11 0.16
BOONVILLE_115KV_TB1 79983	30.87 0.39 -0.24	29.16 0.35 0.00	28.54 0.31 0.00	27.52 0.27 0.00	26.16 0.28 0.00	25.55 0.23 -0.06	26.12 0.34 0.00	25.00 0.32 -0.03	25.52 0.33 0.00	28.42 0.39 -0.14	29.94 0.38 -0.21	31.18 0.34 -0.26	34.40 0.34 -0.38	35.01 0.27 -0.40	36.61 0.32 -0.46	36.87 0.36 -0.52	39.30 0.65 -0.69	39.18 0.72 -0.54	38.49 0.63 -0.51	39.06 0.76 -0.51	36.58 0.60 -0.43	34.06 0.47 -0.33	26.41 0.31 -0.27	31.56 0.43 -0.27
BORALEX_4TH_BRANCH 23824	32.05 1.81 0.00	30.54 1.73 0.00	29.81 1.58 0.00	28.80 1.55 0.00	27.46 1.58 0.00	28.89 1.57 -2.07	27.46 1.68 0.00	27.30 1.60 -1.05	27.83 1.64 -1.00	29.62 1.73 0.00	31.24 1.88 0.00	32.45 1.87 0.00	35.03 2.02 0.68	36.50 2.16 0.00	38.08 2.26 0.00	39.82 2.27 -1.56	45.61 2.39 -5.26	58.73 2.39 -18.43	50.61 2.39 -10.87	40.94 2.42 -0.73	37.82 2.28 0.00	35.22 1.96 0.00	36.04 1.52 -8.68	32.09 1.76 0.53
BOWLINE___1 23526	32.63 2.39 0.00	31.06 2.25 0.00	30.24 2.00 0.00	29.12 1.88 0.00	27.69 1.81 0.00	28.61 1.77 -1.58	27.64 1.86 0.00	27.27 1.82 -0.80	27.43 1.86 -0.37	29.98 2.09 0.00	31.47 2.11 0.00	32.79 2.20 0.00	36.43 2.49 -0.25	36.91 2.58 0.00	38.54 2.72 0.00	39.88 2.70 -1.19	44.86 2.88 -4.02	48.81 2.85 -8.04	44.10 2.72 -4.03	40.59 2.53 -0.27	37.99 2.45 0.00	35.56 2.29 0.00	35.34 1.86 -7.64	33.28 2.22 -0.20
BOWLINE___2 23595	32.63 2.39 0.00	31.06 2.25 0.00	30.24 2.00 0.00	29.12 1.88 0.00	27.69 1.81 0.00	28.61 1.77 -1.58	27.67 1.88 0.00	27.27 1.82 -0.80	27.45 1.89 -0.37	29.98 2.09 0.00	31.50 2.14 0.00	32.81 2.23 0.00	36.49 2.56 -0.25	36.94 2.61 0.00	38.58 2.76 0.00	39.91 2.73 -1.19	44.94 2.96 -4.02	48.88 2.92 -8.05	44.18 2.80 -4.03	40.63 2.57 -0.27	38.07 2.52 0.00	35.59 2.33 0.00	35.36 1.89 -7.64	33.31 2.25 -0.20
BRADY___115KV_TB2 356060	30.09 -0.15 0.00	28.64 -0.17 0.00	28.06 -0.17 0.00	27.08 -0.16 0.00	25.52 -0.36 0.00	24.91 -0.35 0.00	25.45 -0.34 0.00	24.35 -0.30 0.00	24.94 -0.25 0.00	27.61 -0.28 0.00	29.03 -0.32 0.00	30.22 -0.37 0.00	33.28 -0.40 0.00	33.96 -0.38 0.00	35.39 -0.43 0.00	35.56 -0.43 0.00	37.50 -0.46 0.00	37.42 -0.49 0.00	37.01 -0.34 0.00	37.57 -0.23 0.00	35.22 -0.32 0.00	33.06 -0.20 0.00	25.73 -0.10 0.00	30.83 -0.03 0.00
BRANSCOMB___SOLAR 323811	32.26 2.03 0.00	30.69 1.87 0.00	29.96 1.72 0.00	28.94 1.69 0.00	27.61 1.73 0.00	29.08 1.69 -2.12	27.56 1.78 0.00	27.40 1.68 -1.07	28.19 1.79 -1.22	29.81 1.92 0.00	31.38 2.02 0.00	32.63 2.05 0.00	35.40 2.09 0.37	36.50 2.16 0.00	38.15 2.33 0.00	39.97 2.37 -1.60	45.80 2.43 -5.41	63.71 2.50 -23.29	52.94 2.43 -13.17	41.17 2.49 -0.88	37.89 2.35 0.00	35.49 2.23 0.00	36.89 1.70 -9.35	32.55 1.98 0.29
BRENTWOD_69_KV_W. BRTWOOD 56703	45.02 4.05 -10.73	40.81 3.83 -8.16	40.67 3.56 -8.88	37.28 3.35 -6.69	36.55 3.16 -7.52	36.98 3.13 -8.59	37.52 3.25 -8.48	38.20 3.13 -10.42	43.51 3.22 -15.10	42.74 3.65 -11.20	50.12 3.58 -17.18	50.05 3.61 -15.86	56.26 3.84 -18.74	58.98 4.02 -20.63	64.28 4.01 -24.45	74.97 3.96 -35.02	74.24 4.25 -32.03	72.60 4.28 -30.40	66.87 4.26 -25.27	62.51 4.08 -20.64	58.48 3.98 -18.96	57.83 3.83 -20.74	49.97 3.41 -20.72	40.01 4.04 -5.10
BRISTLHL_115KV_TB1 79998	31.45 -0.63 -1.85	28.24 -0.58 0.00	27.72 -0.51 0.00	26.70 -0.54 0.00	25.44 -0.44 0.00	24.94 -0.45 -0.13	25.37 -0.41 0.00	24.32 -0.39 -0.07	24.76 -0.43 0.00	28.53 -0.45 -1.09	30.52 -0.44 -1.61	32.19 -0.43 -2.04	36.13 -0.54 -2.99	36.80 -0.65 -3.12	38.74 -0.68 -3.60	39.14 -0.65 -3.80	42.01 -0.57 -4.62	41.57 -0.53 -4.19	40.61 -0.67 -3.94	41.14 -0.60 -3.96	38.28 -0.60 -3.34	35.27 -0.57 -2.57	26.03 -0.47 -0.66	32.41 -0.56 -2.10
BROOKHAVEN___DRP 24191	48.60 4.23 -14.13	40.99 4.01 -8.17	44.41 3.78 -12.39	37.45 3.51 -6.69	36.68 3.29 -7.52	37.11 3.26 -8.59	37.67 3.40 -8.48	38.35 3.28 -10.42	43.67 3.38 -15.11	42.91 3.82 -11.20	48.62 3.70 -15.57	50.30 3.85 -15.87	56.71 4.24 -18.79	59.44 4.43 -20.67	124.60 4.58 -84.19	139.67 4.57 -99.11	155.06 4.90 -112.20	191.11 4.97 -148.23	183.82 4.93 -141.55	130.27 4.80 -87.68	118.89 4.48 -78.87	55.18 4.22 -17.69	48.09 3.57 -18.69	46.49 4.26 -11.37

BROOKLYN_NAVY_YARD 23515	33.35 3.12 0.00	31.72 2.91 0.00	30.86 2.63 0.00	29.67 2.42 0.00	28.18 2.30 0.00	29.15 2.25 -1.64	28.16 2.37 0.00	27.82 2.34 -0.83	27.97 2.39 -0.39	30.59 2.70 0.00	32.15 2.79 0.00	33.55 2.97 0.00	37.29 3.34 -0.27	37.77 3.43 0.00	39.40 3.58 0.00	40.72 3.49 -1.24	45.86 3.72 -4.18	49.97 3.64 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.78 3.23 0.00	36.36 3.09 0.00	36.33 2.53 -7.96	34.07 2.99 -0.21
BROOKLYN___ARMY_DRP 323595	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22
BROOKVLE_69_KV_TB1 55790	43.50 3.51 -9.76	40.20 3.23 -8.16	39.10 2.99 -7.88	36.71 2.78 -6.69	36.06 2.67 -7.52	36.45 2.60 -8.59	37.00 2.73 -8.48	37.71 2.64 -10.42	43.03 2.75 -15.10	42.09 3.01 -11.19	42.09 3.14 -9.59	49.77 3.33 -15.86	56.19 3.77 -18.73	58.87 3.91 -20.62	47.29 4.05 -7.42	57.84 4.00 -17.85	51.34 4.21 -9.17	52.26 4.17 -10.17	46.94 4.11 -5.48	43.24 3.93 -1.52	41.16 3.73 -1.88	42.31 3.49 -5.56	39.21 2.82 -10.56	37.48 3.30 -3.32
BROOME_2_LFGE 323671	30.87 0.24 -0.40	29.02 0.20 0.00	28.46 0.22 0.00	27.41 0.16 0.00	26.14 0.26 0.00	25.93 0.15 -0.52	26.04 0.26 0.00	25.06 0.15 -0.26	25.55 0.25 -0.11	28.46 0.34 -0.23	30.08 0.38 -0.34	31.45 0.43 -0.43	34.73 0.41 -0.64	35.38 0.38 -0.67	36.98 0.39 -0.77	37.46 0.29 -1.18	40.69 0.49 -2.24	41.55 0.53 -3.10	39.82 0.45 -2.03	39.21 0.49 -0.92	36.72 0.46 -0.71	34.01 0.20 -0.55	28.44 0.18 -2.42	31.65 0.34 -0.45
BROOME___LFGE 323600	30.87 0.24 -0.40	29.02 0.20 0.00	28.46 0.22 0.00	27.41 0.16 0.00	26.14 0.26 0.00	25.93 0.15 -0.52	26.04 0.26 0.00	25.06 0.15 -0.26	25.55 0.25 -0.11	28.46 0.34 -0.23	30.08 0.38 -0.34	31.45 0.43 -0.43	34.73 0.41 -0.64	35.38 0.38 -0.67	36.98 0.39 -0.77	37.46 0.29 -1.18	40.69 0.49 -2.24	41.55 0.53 -3.10	39.82 0.45 -2.03	39.21 0.49 -0.92	36.72 0.46 -0.71	34.01 0.20 -0.55	28.44 0.18 -2.42	31.65 0.34 -0.45
BROWNFLS_115KV_TB_3_5 80003	30.13 -0.45 -0.34	28.35 -0.46 0.00	27.75 -0.48 0.00	26.75 -0.49 0.00	25.33 -0.54 0.00	24.75 -0.56 -0.04	25.27 -0.52 0.00	24.20 -0.47 -0.02	24.74 -0.45 0.00	27.59 -0.50 -0.20	29.04 -0.62 -0.30	30.26 -0.70 -0.38	33.36 -0.88 -0.55	33.99 -0.93 -0.58	35.52 -0.97 -0.67	35.78 -0.94 -0.72	38.07 -0.80 -0.91	37.98 -0.72 -0.78	37.40 -0.67 -0.73	37.96 -0.57 -0.73	35.52 -0.64 -0.62	33.27 -0.47 -0.48	25.77 -0.28 -0.22	31.04 -0.22 -0.39
BROWNSV1_27_KV_LOAD 356125	33.69 3.45 0.00	32.01 3.20 0.00	31.14 2.91 0.00	29.97 2.72 0.00	28.44 2.56 0.00	29.43 2.53 -1.64	28.42 2.63 0.00	28.04 2.56 -0.83	28.20 2.62 -0.39	30.87 2.98 0.00	32.47 3.11 0.00	33.92 3.33 0.00	37.76 3.81 -0.27	38.28 3.95 0.00	39.87 4.05 0.00	41.19 3.96 -1.24	46.35 4.21 -4.18	50.46 4.13 -8.41	45.58 4.03 -4.20	41.85 3.78 -0.28	39.24 3.70 0.00	36.79 3.53 0.00	36.67 2.87 -7.96	34.44 3.36 -0.21
BURROWS___LYONSDAL 23803	30.80 0.27 -0.29	29.04 0.23 0.00	28.43 0.20 0.00	27.41 0.16 0.00	26.06 0.18 0.00	25.45 0.13 -0.06	26.02 0.23 0.00	24.90 0.22 -0.03	25.42 0.23 0.00	28.34 0.28 -0.17	29.84 0.23 -0.25	31.08 0.18 -0.32	34.32 0.17 -0.47	34.93 0.10 -0.49	36.53 0.14 -0.56	36.79 0.18 -0.62	39.27 0.49 -0.82	39.14 0.57 -0.66	38.45 0.49 -0.62	39.05 0.64 -0.62	36.53 0.46 -0.52	34.03 0.37 -0.40	26.34 0.23 -0.27	31.53 0.34 -0.33
CAITHNESS_CC_1 323624	48.36 4.02 -14.10	40.85 3.86 -8.17	44.18 3.59 -12.36	37.29 3.35 -6.69	36.55 3.16 -7.52	36.98 3.13 -8.59	37.54 3.28 -8.48	38.20 3.13 -10.42	43.55 3.25 -15.10	42.77 3.68 -11.20	48.42 3.52 -15.54	50.09 3.64 -15.87	56.48 4.01 -18.79	59.13 4.12 -20.67	123.89 4.33 -83.73	138.94 4.32 -98.63	154.17 4.63 -111.59	143.42 4.70 -100.80	136.14 4.67 -94.13	129.45 4.50 -87.16	118.17 4.23 -78.41	54.86 3.96 -17.64	47.85 3.36 -18.66	46.22 4.04 -11.32
CALPINE BETH_PAGE_GT4 24209	43.47 3.36 -9.87	40.09 3.11 -8.16	39.11 2.88 -7.99	36.71 2.78 -6.69	36.03 2.64 -7.52	36.45 2.60 -8.59	37.00 2.73 -8.48	37.71 2.64 -10.42	42.91 2.62 -15.10	42.06 2.98 -11.19	42.33 2.97 -10.01	49.50 3.06 -15.86	55.88 3.47 -18.73	58.56 3.61 -20.62	49.01 3.73 -9.46	58.75 3.71 -19.05	53.82 3.95 -11.91	54.46 3.94 -12.60	49.12 3.92 -7.86	45.35 3.74 -3.81	43.03 3.55 -3.93	42.99 3.33 -6.40	39.75 2.79 -11.12	37.82 3.43 -3.53
CALPINE_BETH_PAGE_GT_4 323586	43.41 3.30 -9.87	40.09 3.11 -8.16	39.08 2.85 -7.99	36.71 2.78 -6.69	36.03 2.64 -7.52	36.45 2.60 -8.59	36.98 2.71 -8.48	37.71 2.64 -10.42	42.91 2.62 -15.10	42.07 2.99 -11.19	42.33 2.96 -10.01	49.50 3.06 -15.86	55.85 3.44 -18.73	58.49 3.54 -20.62	49.01 3.73 -9.46	58.75 3.71 -19.05	53.86 3.98 -11.91	54.46 3.94 -12.60	49.12 3.92 -7.86	45.35 3.74 -3.81	43.03 3.55 -3.93	42.99 3.33 -6.40	39.69 2.74 -11.12	37.79 3.39 -3.53
CALPINE_BP_GT1 23823	43.41 3.30 -9.87	40.09 3.11 -8.16	39.08 2.85 -7.99	36.71 2.78 -6.69	36.03 2.64 -7.52	36.45 2.60 -8.59	36.98 2.71 -8.48	37.71 2.64 -10.42	42.91 2.62 -15.10	42.07 2.99 -11.19	42.33 2.96 -10.01	49.50 3.06 -15.86	55.85 3.44 -18.73	58.49 3.54 -20.62	49.01 3.73 -9.46	58.75 3.71 -19.05	53.86 3.98 -11.91	54.46 3.94 -12.60	49.12 3.92 -7.86	45.35 3.74 -3.81	43.03 3.55 -3.93	42.99 3.33 -6.40	39.69 2.74 -11.12	37.79 3.39 -3.53
CALSPAN___DRP 24200	29.60 -0.63 0.00	28.24 -0.58 0.00	27.58 -0.65 0.00	26.65 -0.60 0.00	25.54 -0.34 0.00	25.00 -0.53 -0.27	25.50 -0.28 0.00	23.95 -0.84 -0.14	24.66 -0.58 -0.05	27.47 -0.42 0.00	29.06 -0.29 0.00	30.43 -0.15 0.00	33.04 -0.64 0.00	33.79 -0.55 0.00	35.28 -0.54 0.00	35.26 -0.94 -0.20	37.59 -1.06 -0.69	38.07 -0.91 -1.06	37.06 -0.86 -0.57	37.15 -0.68 -0.04	34.87 -0.68 0.00	32.73 -0.53 0.00	26.37 -0.72 -1.26	30.58 -0.28 0.00
CALVERTON___SOLAR 323806	48.79 4.41 -14.14	41.19 4.21 -8.17	44.59 3.95 -12.40	37.59 3.65 -6.69	36.86 3.47 -7.52	37.26 3.41 -8.59	37.85 3.58 -8.48	38.50 3.43 -10.42	43.85 3.55 -15.11	43.08 3.99 -11.20	48.84 3.90 -15.58	50.55 4.10 -15.87	56.95 4.48 -18.79	59.64 4.63 -20.67	125.08 4.87 -84.39	140.20 4.89 -99.31	155.70 5.27 -112.47	188.38 5.31 -145.15	181.12 5.30 -138.47	130.83 5.14 -87.90	119.40 4.80 -79.06	55.43 4.46 -17.71	48.26 3.72 -18.71	46.72 4.47 -11.39
CANDIGU_WT_PWR 323617	30.30 -0.15 -0.21	28.61 -0.20 0.00	28.18 -0.06 0.00	27.06 -0.19 0.00	25.85 -0.03 0.00	25.44 -0.18 -0.36	25.84 0.05 0.00	24.56 -0.27 -0.18	25.21 -0.05 -0.07	28.09 0.08 -0.12	29.69 0.15 -0.18	31.09 0.27 -0.23	34.05 0.03 -0.34	34.69 0.00 -0.35	36.19 -0.04 -0.41	36.43 -0.25 -0.69	39.35 0.00 -1.39	39.88 0.04 -1.93	38.54 -0.04 -1.23	38.41 0.11 -0.50	35.99 0.07 -0.38	33.25 -0.30 -0.29	27.32 -0.18 -1.66	31.22 0.12 -0.24

CARR STREET_E__SYR 24060	30.34 -0.45 -0.55	28.38 -0.43 0.00	27.86 -0.37 0.00	26.81 -0.44 0.00	25.54 -0.34 0.00	25.08 -0.33 -0.15	25.42 -0.36 0.00	24.38 -0.35 -0.08	24.81 -0.38 0.00	27.82 -0.39 -0.33	29.36 -0.47 -0.48	30.58 -0.61 -0.61	33.86 -0.71 -0.89	34.51 -0.76 -0.93	36.07 -0.82 -1.07	36.41 -0.79 -1.21	38.93 -0.68 -1.66	38.49 -0.68 -1.26	37.70 -0.82 -1.17	38.21 -0.76 -1.18	35.93 -0.60 -1.00	33.43 -0.60 -0.77	26.08 -0.46 -0.71	30.93 -0.55 -0.63
CARTHAGE__PAPER 23857	30.77 -0.18 -0.71	28.61 -0.20 0.00	28.01 -0.23 0.00	26.97 -0.27 0.00	25.62 -0.26 0.00	25.04 -0.30 -0.08	25.63 -0.15 0.00	24.54 -0.15 -0.04	25.02 -0.18 0.00	28.11 -0.19 -0.42	29.68 -0.29 -0.62	30.97 -0.40 -0.78	34.33 -0.50 -1.15	34.95 -0.58 -1.20	36.56 -0.64 -1.38	36.93 -0.54 -1.48	39.61 -0.19 -1.84	39.53 0.00 -1.61	38.82 -0.04 -1.51	39.43 0.11 -1.52	36.79 -0.04 -1.28	34.15 -0.10 -0.99	26.11 -0.10 -0.38	31.64 -0.03 -0.81
CASSADAGA_WT_PWR 323784	30.39 0.15 0.00	28.87 0.06 0.00	28.46 0.22 0.00	27.27 0.03 0.00	26.08 0.21 0.00	25.53 -0.03 -0.29	26.15 0.36 0.00	24.65 -0.15 -0.15	25.52 0.28 -0.06	28.41 0.53 0.00	30.09 0.73 0.00	31.50 0.92 0.00	34.22 0.54 0.00	34.95 0.62 0.00	36.39 0.57 0.00	36.32 0.11 -0.22	39.04 0.34 -0.74	39.33 0.27 -1.15	38.33 0.37 -0.61	38.36 0.53 -0.04	35.97 0.43 0.00	33.06 -0.20 0.00	27.13 -0.05 -1.35	31.42 0.56 0.00
CE_DUNWOOD__DRP 24194	32.99 2.75 0.00	31.38 2.56 0.00	30.58 2.34 0.00	29.40 2.15 0.00	27.92 2.04 0.00	28.92 2.02 -1.64	27.93 2.14 0.00	27.55 2.07 -0.83	27.72 2.14 -0.39	30.28 2.40 0.00	31.82 2.47 0.00	33.18 2.60 0.00	36.95 3.00 -0.27	37.43 3.09 0.00	39.04 3.22 0.00	40.39 3.17 -1.23	45.50 3.38 -4.17	49.64 3.34 -8.39	44.75 3.21 -4.19	41.10 3.02 -0.28	38.49 2.95 0.00	36.02 2.76 0.00	36.03 2.25 -7.94	33.70 2.62 -0.21
CE_MILLWOOD__DRP 24193	32.90 2.66 0.00	31.29 2.48 0.00	30.49 2.26 0.00	29.34 2.10 0.00	27.87 1.99 0.00	28.84 1.95 -1.63	27.85 2.06 0.00	27.47 2.00 -0.82	27.64 2.07 -0.38	30.20 2.31 0.00	31.73 2.38 0.00	33.09 2.51 0.00	36.81 2.86 -0.27	37.32 2.99 0.00	38.90 3.08 0.00	40.28 3.06 -1.23	45.37 3.26 -4.14	49.48 3.22 -8.34	44.65 3.14 -4.17	40.98 2.91 -0.28	38.39 2.84 0.00	35.89 2.63 0.00	35.91 2.17 -7.90	33.60 2.53 -0.21
CE_NYC2_DRP 24202	33.48 3.24 -0.01	31.82 3.00 -0.01	30.98 2.74 -0.01	29.76 2.51 -0.01	28.27 2.38 -0.01	29.26 2.35 -1.65	28.23 2.45 0.00	27.85 2.37 -0.83	27.95 2.37 -0.39	30.62 2.73 0.00	32.24 2.88 -0.01	33.65 3.06 -0.01	37.43 3.47 -0.28	37.95 3.61 -0.01	39.52 3.69 -0.01	40.79 3.56 -1.24	45.89 3.76 -4.18	49.93 3.60 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.92 3.38 0.00	36.50 3.23 -0.01	36.44 2.64 -7.97	34.17 3.09 -0.22
CE_NYC_DRP 24195	33.41 3.17 0.00	31.72 2.91 0.00	30.89 2.65 0.00	29.70 2.45 0.00	28.21 2.33 0.00	29.18 2.27 -1.64	28.16 2.37 0.00	27.80 2.32 -0.83	27.95 2.37 -0.39	30.56 2.68 0.00	32.15 2.79 0.00	33.55 2.97 0.00	37.36 3.40 -0.27	37.84 3.50 0.00	39.44 3.62 0.00	40.75 3.53 -1.24	45.86 3.72 -4.18	50.00 3.68 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.81 3.27 0.00	36.39 3.13 0.00	36.38 2.58 -7.96	34.10 3.02 -0.21
CHAFFEE__LFGE 323603	29.63 -0.60 0.00	28.15 -0.66 0.00	27.81 -0.42 0.00	26.67 -0.57 0.00	25.49 -0.39 0.00	24.99 -0.56 -0.28	25.53 -0.26 0.00	23.93 -0.86 -0.14	24.74 -0.50 -0.05	27.52 -0.36 0.00	29.12 -0.24 0.00	30.52 -0.06 0.00	33.18 -0.50 0.00	33.89 -0.45 0.00	35.28 -0.54 0.00	35.27 -0.94 -0.21	37.88 -0.80 -0.72	38.15 -0.87 -1.11	37.19 -0.75 -0.59	37.23 -0.61 -0.04	35.01 -0.53 0.00	32.20 -1.07 0.00	26.47 -0.67 -1.31	30.68 -0.18 0.00
CHATEAUG_35_KV_LOAD 355732	30.66 0.42 0.00	29.22 0.40 0.00	28.63 0.40 0.00	27.68 0.44 0.00	26.14 0.26 0.00	25.59 0.33 0.00	26.15 0.36 0.00	25.07 0.42 0.00	25.72 0.53 0.00	28.47 0.59 0.00	29.94 0.59 0.00	31.26 0.67 0.00	34.39 0.71 0.00	35.16 0.82 0.00	36.68 0.86 0.00	36.78 0.79 0.00	38.83 0.87 0.00	38.68 0.76 0.00	38.28 0.93 0.00	38.81 1.02 0.00	36.39 0.85 0.00	34.13 0.86 0.00	26.46 0.62 0.00	31.63 0.77 0.00
CHATEAUG_WT_PWR 323614	30.66 0.42 0.00	29.22 0.40 0.00	28.63 0.40 0.00	27.68 0.43 0.00	26.16 0.29 0.00	25.59 0.33 0.00	26.17 0.39 0.00	25.07 0.42 0.00	25.72 0.53 0.00	28.47 0.59 0.00	29.94 0.59 0.00	31.23 0.64 0.00	34.39 0.71 0.00	35.13 0.79 0.00	36.68 0.86 0.00	36.78 0.79 0.00	38.76 0.80 0.00	38.64 0.72 0.00	38.24 0.89 0.00	38.81 1.02 0.00	36.36 0.82 0.00	34.13 0.86 0.00	26.45 0.62 0.00	31.63 0.77 0.00
CHAT_HIGH_FALL_HYD 323578	30.66 0.42 0.00	29.22 0.40 0.00	28.63 0.40 0.00	27.68 0.43 0.00	26.16 0.29 0.00	25.59 0.33 0.00	26.15 0.36 0.00	25.07 0.42 0.00	25.72 0.53 0.00	28.47 0.59 0.00	29.94 0.59 0.00	31.25 0.67 0.00	34.39 0.71 0.00	35.13 0.79 0.00	36.72 0.90 0.00	36.78 0.79 0.00	38.79 0.83 0.00	38.68 0.76 0.00	38.28 0.93 0.00	38.81 1.02 0.00	36.39 0.85 0.00	34.13 0.86 0.00	26.45 0.62 0.00	31.63 0.77 0.00
CHAUTAUQUA__LFGE 323629	30.00 -0.24 0.00	28.50 -0.32 0.00	28.12 -0.11 0.00	26.97 -0.27 0.00	25.80 -0.08 0.00	25.32 -0.23 -0.28	25.84 0.05 0.00	24.37 -0.42 -0.14	25.12 -0.13 -0.06	27.97 0.08 0.00	29.59 0.23 0.00	31.01 0.43 0.00	33.72 0.03 0.00	34.44 0.10 0.00	35.86 0.04 0.00	35.92 -0.29 -0.21	38.57 -0.11 -0.73	38.85 -0.19 -1.12	37.76 -0.19 -0.60	37.79 -0.04 -0.04	35.51 -0.04 0.00	32.73 -0.53 0.00	26.90 -0.26 -1.32	31.08 0.22 0.00
CHERRYST_13_KV_LD 356241	33.50 3.27 0.00	31.84 3.03 0.00	31.00 2.77 0.00	29.78 2.53 0.00	28.28 2.41 0.00	29.28 2.37 -1.64	28.26 2.48 0.00	27.90 2.42 -0.83	28.02 2.44 -0.39	30.65 2.76 0.00	32.23 2.88 0.00	33.67 3.09 0.00	37.49 3.54 -0.27	37.98 3.64 0.00	39.58 3.76 0.00	40.90 3.67 -1.24	46.01 3.87 -4.18	50.16 3.83 -8.41	45.25 3.70 -4.20	41.55 3.48 -0.28	38.95 3.41 0.00	36.52 3.26 0.00	36.49 2.69 -7.96	34.19 3.12 -0.21
CHESTROR_138KV_BK263 355645	32.35 2.12 0.00	30.74 1.93 0.00	29.98 1.75 0.00	28.88 1.63 0.00	27.46 1.58 0.00	28.27 1.52 -1.49	27.41 1.62 0.00	26.96 1.55 -0.76	27.13 1.59 -0.35	29.64 1.76 0.00	31.15 1.79 0.00	32.48 1.90 0.00	36.13 2.22 -0.22	36.64 2.30 0.00	38.22 2.40 0.00	39.49 2.38 -1.12	44.34 2.58 -3.80	48.05 2.58 -7.55	43.61 2.46 -3.80	40.31 2.27 -0.26	37.75 2.20 0.00	35.33 2.06 0.00	34.72 1.68 -7.21	33.01 1.98 -0.17
CH_MIDHUDSON__DRP 24192	32.69 2.45 0.00	31.09 2.28 0.00	30.32 2.09 0.00	29.21 1.96 0.00	27.74 1.86 0.00	28.73 1.79 -1.68	27.69 1.91 0.00	27.32 1.82 -0.85	27.43 1.84 -0.40	29.95 2.06 0.00	31.47 2.11 0.00	32.78 2.20 0.00	36.49 2.63 -0.18	37.01 2.68 0.00	38.61 2.79 0.00	40.06 2.81 -1.26	45.27 3.04 -4.27	49.42 3.03 -8.47	44.60 2.91 -4.35	40.77 2.68 -0.29	38.17 2.63 0.00	35.69 2.43 0.00	35.79 1.94 -8.02	33.32 2.31 -0.14

CH_MISC_IPPS 23765	32.87 2.63 0.00	31.29 2.48 0.00	30.46 2.23 0.00	29.34 2.10 0.00	27.90 2.02 0.00	28.80 1.90 -1.64	27.82 2.04 0.00	27.40 1.92 -0.83	27.52 1.94 -0.39	30.06 2.18 0.00	31.62 2.26 0.00	32.94 2.36 0.00	36.71 2.83 -0.20	37.18 2.85 0.00	38.83 3.01 0.00	40.25 3.02 -1.24	45.44 3.30 -4.18	49.58 3.34 -8.32	44.80 3.21 -4.24	40.99 2.91 -0.28	38.39 2.84 0.00	35.86 2.60 0.00	35.75 2.04 -7.87	33.49 2.47 -0.16
CH_RES_BVR_FALLS 23983	29.97 -0.27 0.00	28.55 -0.26 0.00	27.98 -0.25 0.00	27.00 -0.25 0.00	25.57 -0.31 0.00	24.96 -0.30 0.00	25.48 -0.31 0.00	24.38 -0.27 0.00	24.91 -0.28 0.00	27.58 -0.31 0.00	29.01 -0.35 0.00	30.25 -0.34 0.00	33.31 -0.37 0.00	33.96 -0.38 0.00	35.43 -0.39 0.00	35.60 -0.40 0.00	37.46 -0.49 0.00	37.42 -0.49 0.00	36.94 -0.41 0.00	37.41 -0.38 0.00	35.15 -0.39 0.00	32.93 -0.33 0.00	25.58 -0.26 0.00	30.55 -0.31 0.00
CH_RES_NIAGARA 23895	28.73 -1.51 0.00	27.35 -1.47 0.00	26.85 -1.38 0.00	25.77 -1.47 0.00	24.64 -1.24 0.00	24.68 -0.83 -0.25	24.65 -1.13 0.00	23.27 -1.50 -0.13	23.63 -1.61 -0.05	26.33 -1.56 0.00	27.89 -1.47 0.00	29.21 -1.38 0.00	31.70 -1.99 0.00	32.41 -1.92 0.00	33.78 -2.04 0.00	34.24 -1.94 -0.19	36.62 -1.98 -0.64	36.72 -2.16 -0.96	35.40 -2.47 -0.52	35.56 -2.27 -0.03	33.44 -2.10 0.00	31.30 -1.96 0.00	25.68 -1.32 -1.16	29.60 -1.27 0.00
CH_RES_SYRACUSE 23985	30.98 -0.27 -1.02	28.55 -0.26 0.00	28.04 -0.20 0.00	26.97 -0.27 0.00	25.70 -0.18 0.00	25.25 -0.18 -0.16	25.63 -0.15 0.00	24.59 -0.15 -0.08	25.02 -0.18 0.00	28.35 -0.14 -0.60	30.12 -0.12 -0.88	31.61 -0.09 -1.12	35.19 -0.13 -1.64	35.81 -0.24 -1.71	37.51 -0.29 -1.98	37.93 -0.21 -2.15	40.65 -0.08 -2.77	40.15 -0.08 -2.31	39.25 -0.26 -2.16	39.81 -0.15 -2.17	37.20 -0.18 -1.83	34.47 -0.20 -1.41	26.45 -0.18 -0.79	31.80 -0.21 -1.15
CLINTON_WT_PWR 323605	30.66 0.42 0.00	29.22 0.40 0.00	28.63 0.40 0.00	27.68 0.43 0.00	26.16 0.29 0.00	25.59 0.33 0.00	26.17 0.39 0.00	25.07 0.42 0.00	25.72 0.53 0.00	28.47 0.59 0.00	29.94 0.59 0.00	31.23 0.64 0.00	34.39 0.71 0.00	35.13 0.79 0.00	36.68 0.86 0.00	36.78 0.79 0.00	38.76 0.80 0.00	38.64 0.72 0.00	38.24 0.89 0.00	38.81 1.02 0.00	36.36 0.82 0.00	34.13 0.86 0.00	26.45 0.62 0.00	31.63 0.77 0.00
CLINTON__LFGE 323618	31.05 0.82 0.00	29.56 0.75 0.00	29.00 0.76 0.00	28.01 0.76 0.00	26.47 0.60 0.00	25.89 0.63 0.00	26.51 0.72 0.00	25.41 0.76 0.00	26.10 0.91 0.00	28.86 0.98 0.00	30.36 1.00 0.00	31.71 1.13 0.00	34.93 1.25 0.00	35.67 1.34 0.00	37.22 1.40 0.00	37.32 1.33 0.00	39.36 1.41 0.00	39.24 1.33 0.00	38.84 1.50 0.00	39.45 1.66 0.00	36.93 1.38 0.00	34.66 1.40 0.00	26.84 1.01 0.00	32.10 1.24 0.00
COBBLENY_34_KV_TB1 80064	29.60 -0.63 0.00	28.27 -0.55 0.00	27.61 -0.62 0.00	26.67 -0.57 0.00	25.57 -0.31 0.00	24.99 -0.56 -0.28	25.53 -0.26 0.00	23.93 -0.86 -0.14	24.72 -0.53 -0.05	27.52 -0.36 0.00	29.12 -0.23 0.00	30.52 -0.06 0.00	33.11 -0.57 0.00	33.86 -0.48 0.00	35.35 -0.47 0.00	35.27 -0.94 -0.21	37.65 -1.02 -0.72	38.15 -0.87 -1.11	37.19 -0.75 -0.59	37.26 -0.57 -0.04	34.97 -0.57 0.00	32.80 -0.47 0.00	26.42 -0.72 -1.31	30.62 -0.25 0.00
COFFEEN__115KV_TB3 355620	31.26 0.15 -0.87	28.93 0.12 0.00	28.32 0.08 0.00	27.25 0.00 0.00	25.93 0.05 0.00	25.30 -0.05 -0.09	25.94 0.15 0.00	24.82 0.12 -0.04	25.27 0.08 0.00	28.54 0.14 -0.51	30.17 0.06 -0.75	31.51 -0.03 -0.96	34.95 -0.13 -1.40	35.52 -0.27 -1.46	37.22 -0.29 -1.69	37.65 -0.14 -1.80	40.53 0.34 -2.23	40.49 0.61 -1.97	39.68 0.49 -1.85	40.37 0.72 -1.86	37.61 0.50 -1.57	34.80 0.33 -1.21	26.42 0.16 -0.43	32.13 0.28 -0.99
COLDSPRG_115KV_BK1 355956	30.48 0.24 0.00	29.07 0.26 0.00	28.37 0.14 0.00	27.35 0.11 0.00	26.24 0.36 0.00	25.41 -0.15 -0.30	26.25 0.46 0.00	24.60 -0.20 -0.15	25.70 0.45 -0.06	28.61 0.73 0.00	30.24 0.88 0.00	31.68 1.10 0.00	34.36 0.67 0.00	35.13 0.79 0.00	36.64 0.82 0.00	36.22 0.00 -0.22	38.80 0.08 -0.76	39.37 0.27 -1.18	38.62 0.63 -0.64	38.63 0.79 -0.04	36.22 0.68 0.00	33.89 0.63 0.00	27.04 -0.18 -1.38	31.48 0.62 0.00
COLONIE_LFGE__ 323577	31.81 1.57 0.00	30.31 1.50 0.00	29.62 1.38 0.00	28.61 1.36 0.00	27.27 1.40 0.00	28.73 1.36 -2.10	27.20 1.42 0.00	27.07 1.35 -1.06	27.71 1.41 -1.11	29.39 1.50 0.00	30.97 1.61 0.00	32.20 1.62 0.00	35.01 1.75 0.43	36.19 1.85 0.00	37.75 1.93 0.00	39.52 1.94 -1.58	45.36 2.05 -5.35	61.11 2.08 -21.11	51.40 2.02 -12.04	40.64 2.04 -0.81	37.46 1.92 0.00	34.99 1.73 0.00	36.36 1.34 -9.18	32.10 1.57 0.34
COOPERNY_115KV_TB1 80082	31.78 1.54 0.00	30.23 1.41 0.00	29.53 1.30 0.00	28.47 1.23 0.00	27.07 1.19 0.00	27.52 1.14 -1.12	27.00 1.21 0.00	26.38 1.16 -0.57	26.66 1.21 -0.26	29.22 1.34 0.00	30.71 1.35 0.00	31.99 1.41 0.00	35.43 1.62 -0.13	36.05 1.72 0.00	37.58 1.76 0.00	38.60 1.76 -0.84	42.75 1.94 -2.85	45.40 1.93 -5.55	42.01 1.83 -2.83	39.68 1.70 -0.19	37.18 1.63 0.00	34.79 1.53 0.00	32.44 1.24 -5.37	32.42 1.45 -0.10
COPENHAGEN_WT_PWR 323753	31.06 -0.09 -0.91	28.70 -0.11 0.00	28.12 -0.11 0.00	27.06 -0.19 0.00	25.72 -0.15 0.00	25.15 -0.20 -0.09	25.73 -0.05 0.00	24.62 -0.07 -0.05	25.09 -0.10 0.00	28.34 -0.08 -0.54	30.00 -0.15 -0.79	31.37 -0.21 -1.00	34.82 -0.34 -1.47	35.46 -0.41 -1.53	37.06 -0.54 -1.77	37.45 -0.43 -1.89	40.30 0.00 -2.34	40.17 0.19 -2.06	39.36 0.07 -1.94	40.00 0.27 -1.95	37.26 0.07 -1.64	34.53 0.00 -1.26	26.23 -0.05 -0.45	31.93 0.03 -1.03
CORNELL____ 23752	31.28 0.48 -0.56	29.27 0.46 0.00	28.71 0.48 0.00	27.63 0.38 0.00	26.37 0.49 0.00	26.00 0.38 -0.36	26.30 0.52 0.00	25.28 0.44 -0.18	25.74 0.48 -0.07	28.78 0.56 -0.33	30.46 0.62 -0.49	31.81 0.61 -0.62	35.23 0.64 -0.91	35.83 0.55 -0.95	37.52 0.61 -1.10	38.04 0.65 -1.40	41.14 0.95 -2.23	41.73 1.06 -2.75	40.24 0.90 -1.99	40.07 1.02 -1.26	37.45 0.89 -1.02	34.81 0.77 -0.78	28.00 0.47 -1.70	32.12 0.62 -0.64
CORONAAV_69_KV_TB1 355595	43.34 3.39 -9.72	40.14 3.17 -8.16	39.00 2.94 -7.83	36.65 2.72 -6.69	36.01 2.61 -7.52	36.40 2.55 -8.59	36.93 2.66 -8.48	37.64 2.56 -10.42	42.88 2.59 -15.10	42.04 2.96 -11.19	42.00 3.05 -9.59	49.68 3.24 -15.86	56.12 3.71 -18.73	58.76 3.81 -20.62	46.50 3.98 -6.71	57.68 3.92 -17.76	50.35 4.18 -8.22	51.38 4.13 -9.33	46.15 4.15 -4.65	42.44 3.93 -0.72	40.37 3.66 -1.17	42.25 3.43 -5.56	39.21 2.82 -10.56	37.41 3.30 -3.24
CORTLAND_115KV_TB3 80093	31.03 0.21 -0.58	29.04 0.23 0.00	28.46 0.23 0.00	27.41 0.16 0.00	26.14 0.26 0.00	25.73 0.18 -0.29	26.07 0.28 0.00	25.02 0.22 -0.15	25.50 0.25 -0.06	28.56 0.33 -0.34	30.21 0.35 -0.50	31.59 0.37 -0.64	34.99 0.37 -0.94	35.62 0.31 -0.98	37.27 0.32 -1.13	37.70 0.32 -1.38	40.58 0.53 -2.09	40.99 0.61 -2.46	39.69 0.49 -1.85	39.64 0.57 -1.28	37.09 0.50 -1.05	34.47 0.40 -0.81	27.41 0.21 -1.37	31.83 0.31 -0.66

COXSACKIE___GT 23611	32.53 2.30 0.00	30.95 2.13 0.00	30.10 1.86 0.00	29.23 1.99 0.00	27.87 1.99 0.00	28.81 1.59 -1.95	27.62 1.83 0.00	27.12 1.48 -0.99	27.31 1.44 -0.68	29.47 1.59 0.00	31.09 1.73 0.00	32.32 1.74 0.00	36.03 2.49 0.15	36.57 2.23 0.00	38.15 2.33 0.00	39.84 2.37 -1.47	45.78 2.85 -4.97	54.40 3.19 -13.30	47.88 3.14 -7.40	41.05 2.76 -0.50	38.28 2.74 0.00	35.56 2.29 0.00	36.35 1.65 -8.86	33.09 2.34 0.12
CPV_VALLEY___CC1 323721	32.02 1.78 0.00	30.48 1.67 0.00	29.73 1.50 0.00	28.66 1.42 0.00	27.27 1.40 0.00	27.93 1.31 -1.36	27.20 1.42 0.00	26.72 1.38 -0.69	26.92 1.41 -0.32	29.45 1.56 0.00	30.94 1.58 0.00	32.23 1.65 0.00	35.79 1.92 -0.19	36.29 1.96 0.00	37.90 2.08 0.00	39.07 2.05 -1.02	43.66 2.24 -3.46	46.98 2.24 -6.82	42.92 2.13 -3.45	39.99 1.96 -0.23	37.46 1.92 0.00	35.02 1.76 0.00	33.81 1.42 -6.55	32.68 1.67 -0.15
CPV_VALLEY___CC2 323722	32.02 1.78 0.00	30.48 1.67 0.00	29.73 1.50 0.00	28.66 1.42 0.00	27.27 1.40 0.00	27.93 1.31 -1.36	27.20 1.42 0.00	26.72 1.38 -0.69	26.92 1.41 -0.32	29.45 1.56 0.00	30.94 1.58 0.00	32.23 1.65 0.00	35.79 1.92 -0.19	36.29 1.96 0.00	37.90 2.08 0.00	39.07 2.05 -1.02	43.66 2.24 -3.46	46.98 2.24 -6.82	42.92 2.13 -3.45	39.99 1.96 -0.23	37.46 1.92 0.00	35.02 1.76 0.00	33.81 1.42 -6.55	32.68 1.67 -0.15
CRESCENT___HYD 24018	31.81 1.57 0.00	30.31 1.50 0.00	29.62 1.38 0.00	28.61 1.36 0.00	27.27 1.40 0.00	28.73 1.36 -2.10	27.20 1.42 0.00	27.07 1.35 -1.06	27.71 1.41 -1.11	29.39 1.50 0.00	30.97 1.61 0.00	32.20 1.62 0.00	35.01 1.75 0.43	36.19 1.85 0.00	37.75 1.93 0.00	39.52 1.94 -1.58	45.36 2.05 -5.35	61.11 2.08 -21.11	51.40 2.02 -12.04	40.64 2.04 -0.81	37.46 1.92 0.00	34.99 1.73 0.00	36.36 1.34 -9.18	32.10 1.57 0.34
CRICKET___VALLEY_CC1 323756	32.11 1.88 0.00	30.63 1.82 0.00	29.87 1.64 0.00	28.82 1.58 0.00	27.43 1.55 0.00	28.52 1.52 -1.75	27.41 1.63 0.00	27.11 1.58 -0.88	27.21 1.59 -0.43	29.62 1.73 0.00	31.09 1.73 0.00	32.36 1.77 0.00	31.55 2.02 4.15	36.47 2.13 0.00	38.08 2.26 0.00	39.54 2.23 -1.32	44.76 2.35 -4.45	39.48 2.31 0.75	44.25 2.28 -4.63	40.26 2.15 -0.31	37.60 2.06 0.00	35.12 1.86 0.00	29.92 1.50 -2.59	29.35 1.76 3.27
CRICKET___VALLEY_CC2 323757	32.11 1.88 0.00	30.63 1.82 0.00	29.87 1.64 0.00	28.82 1.58 0.00	27.43 1.55 0.00	28.52 1.52 -1.75	27.41 1.63 0.00	27.11 1.58 -0.88	27.21 1.59 -0.43	29.62 1.73 0.00	31.09 1.73 0.00	32.36 1.77 0.00	31.55 2.02 4.15	36.47 2.13 0.00	38.08 2.26 0.00	39.54 2.23 -1.32	44.76 2.35 -4.45	39.48 2.31 0.75	44.25 2.28 -4.63	40.26 2.15 -0.31	37.60 2.06 0.00	35.12 1.86 0.00	29.92 1.50 -2.59	29.35 1.76 3.27
CRICKET___VALLEY_CC3 323758	32.11 1.88 0.00	30.63 1.82 0.00	29.87 1.64 0.00	28.82 1.58 0.00	27.43 1.55 0.00	28.52 1.52 -1.75	27.41 1.63 0.00	27.11 1.58 -0.88	27.21 1.59 -0.43	29.62 1.73 0.00	31.09 1.73 0.00	32.36 1.77 0.00	31.55 2.02 4.15	36.47 2.13 0.00	38.08 2.26 0.00	39.54 2.23 -1.32	44.76 2.35 -4.45	39.48 2.31 0.75	44.25 2.28 -4.63	40.26 2.15 -0.31	37.60 2.06 0.00	35.12 1.86 0.00	29.92 1.50 -2.59	29.35 1.76 3.27
CRUCIBLE_METL_DRP 24180	30.92 -0.33 -1.02	28.55 -0.26 0.00	28.04 -0.20 0.00	26.97 -0.27 0.00	25.72 -0.16 0.00	25.25 -0.18 -0.16	25.63 -0.15 0.00	24.59 -0.15 -0.08	25.01 -0.18 0.00	28.35 -0.14 -0.60	30.12 -0.12 -0.88	31.61 -0.09 -1.12	35.19 -0.13 -1.64	35.77 -0.27 -1.71	37.55 -0.25 -1.98	37.93 -0.22 -2.15	40.62 -0.11 -2.77	40.15 -0.08 -2.31	39.25 -0.26 -2.16	39.81 -0.15 -2.17	37.20 -0.18 -1.83	34.47 -0.20 -1.41	26.45 -0.18 -0.79	31.80 -0.22 -1.15
DAHOWA___HYDRO 323763	32.39 2.15 0.00	30.77 1.96 0.00	30.04 1.81 0.00	29.02 1.77 0.00	27.69 1.81 0.00	29.16 1.77 -2.13	27.64 1.86 0.00	27.50 1.78 -1.08	28.31 1.89 -1.23	29.92 2.03 0.00	31.53 2.17 0.00	32.75 2.17 0.00	35.51 2.19 0.36	36.64 2.30 0.00	38.26 2.44 0.00	40.07 2.48 -1.60	45.92 2.54 -5.41	64.14 2.61 -23.61	53.22 2.54 -13.33	41.29 2.61 -0.89	37.99 2.45 0.00	35.59 2.33 0.00	37.02 1.81 -9.38	32.68 2.10 0.28
DANC___LFGE 323619	31.05 -0.33 -1.14	28.47 -0.34 0.00	27.92 -0.31 0.00	26.86 -0.38 0.00	25.57 -0.31 0.00	25.04 -0.33 -0.11	25.55 -0.23 0.00	24.48 -0.22 -0.05	24.91 -0.28 0.00	28.31 -0.25 -0.67	30.05 -0.29 -0.99	31.50 -0.34 -1.25	35.05 -0.47 -1.84	35.71 -0.55 -1.92	37.32 -0.72 -2.22	37.70 -0.65 -2.36	40.49 -0.38 -2.91	40.24 -0.26 -2.58	39.40 -0.37 -2.43	40.00 -0.23 -2.44	37.28 -0.32 -2.06	34.51 -0.33 -1.58	26.13 -0.23 -0.52	31.91 -0.25 -1.30
DANSKAMMER___1 23586	32.87 2.63 0.00	31.29 2.48 0.00	30.46 2.23 0.00	29.34 2.10 0.00	27.90 2.02 0.00	28.80 1.90 -1.64	27.82 2.04 0.00	27.40 1.92 -0.83	27.52 1.94 -0.39	30.06 2.18 0.00	31.62 2.26 0.00	32.94 2.36 0.00	36.71 2.83 -0.20	37.18 2.85 0.00	38.83 3.01 0.00	40.25 3.02 -1.24	45.44 3.30 -4.18	49.58 3.34 -8.32	44.80 3.21 -4.24	40.99 2.91 -0.28	38.39 2.84 0.00	35.86 2.60 0.00	35.75 2.04 -7.87	33.49 2.47 -0.16
DANSKAMMER___2 23589	32.87 2.63 0.00	31.29 2.48 0.00	30.46 2.23 0.00	29.34 2.10 0.00	27.90 2.02 0.00	28.80 1.90 -1.64	27.82 2.04 0.00	27.40 1.92 -0.83	27.52 1.94 -0.39	30.06 2.18 0.00	31.62 2.26 0.00	32.94 2.36 0.00	36.71 2.83 -0.20	37.18 2.85 0.00	38.83 3.01 0.00	40.25 3.02 -1.24	45.44 3.30 -4.18	49.58 3.34 -8.32	44.80 3.21 -4.24	40.99 2.91 -0.28	38.39 2.84 0.00	35.86 2.60 0.00	35.75 2.04 -7.87	33.49 2.47 -0.16
DANSKAMMER___3 23590	32.87 2.63 0.00	31.29 2.48 0.00	30.46 2.23 0.00	29.34 2.10 0.00	27.90 2.02 0.00	28.80 1.90 -1.64	27.82 2.04 0.00	27.40 1.92 -0.83	27.52 1.94 -0.39	30.06 2.18 0.00	31.62 2.26 0.00	32.94 2.36 0.00	36.71 2.83 -0.20	37.18 2.85 0.00	38.83 3.01 0.00	40.25 3.02 -1.24	45.44 3.30 -4.18	49.58 3.34 -8.32	44.80 3.21 -4.24	40.99 2.91 -0.28	38.39 2.84 0.00	35.86 2.60 0.00	35.75 2.04 -7.87	33.49 2.47 -0.16
DANSKAMMER___4 23591	32.87 2.63 0.00	31.29 2.48 0.00	30.46 2.23 0.00	29.34 2.10 0.00	27.90 2.02 0.00	28.80 1.90 -1.64	27.82 2.04 0.00	27.40 1.92 -0.83	27.52 1.94 -0.39	30.06 2.18 0.00	31.62 2.26 0.00	32.94 2.36 0.00	36.71 2.83 -0.20	37.18 2.85 0.00	38.83 3.01 0.00	40.25 3.02 -1.24	45.44 3.30 -4.18	49.58 3.34 -8.32	44.80 3.21 -4.24	40.99 2.91 -0.28	38.39 2.84 0.00	35.86 2.60 0.00	35.75 2.04 -7.87	33.49 2.47 -0.16
DANSKAMMER___DIESEL 23592	32.90 2.66 0.00	31.29 2.48 0.00	30.49 2.26 0.00	29.34 2.10 0.00	27.87 1.99 0.00	28.80 1.89 -1.64	27.82 2.04 0.00	27.40 1.92 -0.83	27.52 1.94 -0.39	30.06 2.18 0.00	31.62 2.26 0.00	32.94 2.35 0.00	36.71 2.83 -0.20	37.22 2.88 0.00	38.83 3.01 0.00	40.25 3.02 -1.24	45.44 3.30 -4.18	49.58 3.34 -8.32	44.80 3.21 -4.24	40.99 2.91 -0.28	38.39 2.84 0.00	35.89 2.63 0.00	35.80 2.09 -7.87	33.52 2.50 -0.16

DARBY___SOLAR 323810	32.26 2.03 0.00	30.69 1.87 0.00	29.96 1.72 0.00	28.94 1.69 0.00	27.61 1.73 0.00	29.08 1.69 -2.12	27.56 1.78 0.00	27.42 1.70 -1.08	28.22 1.81 -1.22	29.84 1.95 0.00	31.44 2.08 0.00	32.69 2.11 0.00	35.43 2.12 0.37	36.57 2.23 0.00	38.18 2.36 0.00	39.97 2.37 -1.60	45.80 2.43 -5.41	63.72 2.50 -23.30	52.95 2.43 -13.18	41.17 2.49 -0.88	37.89 2.35 0.00	35.49 2.23 0.00	36.91 1.73 -9.35	32.57 2.00 0.29
DASHVILLE___HYD 23610	32.60 2.36 0.00	31.00 2.19 0.00	30.21 1.98 0.00	29.13 1.88 0.00	27.64 1.76 0.00	28.37 1.41 -1.69	27.49 1.70 0.00	26.94 1.43 -0.86	27.06 1.41 -0.46	29.62 1.73 0.00	31.12 1.76 0.00	32.45 1.87 0.00	36.47 2.69 -0.09	36.67 2.33 0.00	38.26 2.44 0.00	39.54 2.27 -1.28	44.82 2.54 -4.32	49.83 2.54 -9.37	44.76 2.46 -4.95	40.24 2.12 -0.33	37.82 2.27 0.00	35.42 2.16 0.00	35.44 1.63 -7.98	33.37 2.44 -0.07
DEERFIELD_69_KV_DEERFIELD LD 355887	49.90 5.50 -14.15	42.14 5.16 -8.17	45.53 4.88 -12.42	38.52 4.58 -6.69	37.69 4.30 -7.52	38.04 4.19 -8.59	38.68 4.41 -8.48	39.29 4.22 -10.42	44.73 4.43 -15.11	44.11 5.02 -11.20	50.11 5.17 -15.59	51.95 5.50 -15.87	58.53 6.06 -18.79	61.29 6.28 -20.67	126.95 6.48 -84.65	142.09 6.51 -99.58	157.72 6.95 -112.82	193.42 6.94 -148.56	186.09 6.87 -141.87	132.67 6.69 -88.19	121.09 6.22 -79.33	56.86 5.85 -17.74	49.32 4.75 -18.73	47.86 5.59 -11.41
DELAWARE___LFGE 323621	31.72 1.27 -0.21	29.99 1.18 0.00	29.36 1.13 0.00	28.36 1.12 0.00	26.99 1.11 0.00	27.06 1.01 -0.79	26.84 1.06 0.00	26.04 0.99 -0.40	26.42 1.06 -0.17	29.21 1.20 -0.12	30.80 1.26 -0.18	32.13 1.32 -0.23	35.50 1.48 -0.34	36.20 1.51 -0.35	37.80 1.58 -0.40	38.51 1.51 -1.01	42.20 1.75 -2.49	43.66 1.82 -3.92	41.33 1.68 -2.30	40.06 1.70 -0.57	37.48 1.56 -0.38	34.95 1.40 -0.29	30.53 1.03 -3.67	32.39 1.30 -0.24
DERFIELD_115KV_TB7 355931	30.30 0.06 0.00	28.87 0.06 0.00	28.29 0.06 0.00	27.30 0.05 0.00	25.96 0.08 0.00	25.34 0.08 0.00	25.86 0.08 0.00	24.70 0.05 0.00	25.24 0.05 0.00	27.94 0.06 0.00	29.42 0.06 0.00	30.64 0.06 0.00	33.75 0.07 0.00	34.40 0.07 0.00	35.89 0.07 0.00	36.06 0.07 0.00	38.07 0.11 0.00	38.07 0.15 0.00	37.46 0.11 0.00	37.91 0.11 0.00	35.65 0.11 0.00	33.33 0.07 0.00	25.89 0.05 0.00	30.92 0.06 0.00
DOGLEVILLE___HYD 23807	29.72 -0.51 0.00	28.32 -0.49 0.00	27.75 -0.48 0.00	26.78 -0.46 0.00	25.46 -0.42 0.00	24.83 -0.43 0.00	25.37 -0.41 0.00	24.23 -0.42 0.00	24.76 -0.43 0.00	27.41 -0.47 0.00	28.86 -0.50 0.00	30.03 -0.55 0.00	33.11 -0.57 0.00	33.75 -0.58 0.00	35.21 -0.61 0.00	35.34 -0.65 0.00	37.35 -0.61 0.00	37.35 -0.57 0.00	36.75 -0.60 0.00	37.15 -0.64 0.00	34.97 -0.57 0.00	32.70 -0.57 0.00	25.37 -0.46 0.00	30.31 -0.55 0.00
DUNKIRK___115KV_TB_200 55889	29.91 -0.33 0.00	28.53 -0.29 0.00	27.87 -0.37 0.00	26.92 -0.33 0.00	25.80 -0.08 0.00	25.27 -0.28 -0.28	25.76 -0.03 0.00	24.33 -0.47 -0.14	25.07 -0.18 -0.06	27.89 0.00 0.00	29.53 0.18 0.00	30.92 0.34 0.00	33.55 -0.13 0.00	34.34 0.00 0.00	35.86 0.04 0.00	35.85 -0.36 -0.21	38.27 -0.42 -0.72	38.77 -0.27 -1.12	37.65 -0.30 -0.60	37.72 -0.11 -0.04	35.40 -0.14 0.00	33.16 -0.10 0.00	26.77 -0.39 -1.32	30.96 0.09 0.00
DUNKIRK___1 23563	29.91 -0.33 0.00	28.53 -0.29 0.00	27.87 -0.37 0.00	26.92 -0.33 0.00	25.80 -0.08 0.00	25.27 -0.28 -0.28	25.76 -0.03 0.00	24.33 -0.47 -0.14	25.07 -0.18 -0.06	27.89 0.00 0.00	29.53 0.18 0.00	30.92 0.34 0.00	33.55 -0.13 0.00	34.34 0.00 0.00	35.86 0.04 0.00	35.85 -0.36 -0.21	38.27 -0.42 -0.72	38.77 -0.27 -1.12	37.65 -0.30 -0.60	37.72 -0.11 -0.04	35.40 -0.14 0.00	33.16 -0.10 0.00	26.77 -0.39 -1.32	30.96 0.09 0.00
DUNKIRK___2 23564	29.91 -0.33 0.00	28.53 -0.29 0.00	27.87 -0.37 0.00	26.92 -0.33 0.00	25.80 -0.08 0.00	25.27 -0.28 -0.28	25.76 -0.03 0.00	24.33 -0.47 -0.14	25.07 -0.18 -0.06	27.89 0.00 0.00	29.53 0.18 0.00	30.92 0.34 0.00	33.55 -0.13 0.00	34.34 0.00 0.00	35.86 0.04 0.00	35.85 -0.36 -0.21	38.27 -0.42 -0.72	38.77 -0.27 -1.12	37.65 -0.30 -0.60	37.72 -0.11 -0.04	35.40 -0.14 0.00	33.16 -0.10 0.00	26.77 -0.39 -1.32	30.96 0.09 0.00
DUNKIRK___3 23565	29.75 -0.48 0.00	28.38 -0.43 0.00	27.72 -0.51 0.00	26.78 -0.46 0.00	25.67 -0.21 0.00	25.12 -0.43 -0.28	25.63 -0.15 0.00	24.18 -0.62 -0.14	24.94 -0.30 -0.06	27.75 -0.14 0.00	29.36 0.00 0.00	30.74 0.15 0.00	33.38 -0.30 0.00	34.13 -0.21 0.00	35.64 -0.18 0.00	35.59 -0.61 -0.21	38.04 -0.65 -0.73	38.55 -0.49 -1.12	37.46 -0.49 -0.60	37.53 -0.30 -0.04	35.22 -0.32 0.00	33.00 -0.27 0.00	26.64 -0.52 -1.32	30.77 -0.09 0.00
DUNKIRK___4 23566	29.81 -0.42 0.00	28.44 -0.37 0.00	27.78 -0.45 0.00	26.84 -0.41 0.00	25.72 -0.16 0.00	25.19 -0.35 -0.28	25.68 -0.10 0.00	24.20 -0.59 -0.14	24.94 -0.30 -0.05	27.77 -0.11 0.00	29.39 0.03 0.00	30.77 0.18 0.00	33.41 -0.27 0.00	34.16 -0.17 0.00	35.68 -0.14 0.00	35.66 -0.54 -0.21	38.06 -0.61 -0.71	38.55 -0.46 -1.09	37.48 -0.45 -0.58	37.53 -0.30 -0.04	35.22 -0.32 0.00	33.03 -0.23 0.00	26.63 -0.49 -1.29	30.83 -0.03 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.14 2.90 0.00	31.49 2.68 0.00	30.66 2.43 0.00	29.48 2.23 0.00	28.00 2.12 0.00	29.00 2.10 -1.64	28.00 2.22 0.00	27.65 2.17 -0.83	27.82 2.24 -0.39	30.40 2.51 0.00	31.94 2.58 0.00	33.30 2.72 0.00	37.09 3.13 -0.27	37.60 3.26 0.00	39.19 3.37 0.00	40.54 3.31 -1.24	45.67 3.53 -4.18	49.82 3.49 -8.41	44.91 3.36 -4.20	41.25 3.17 -0.28	38.63 3.09 0.00	36.16 2.89 0.00	36.15 2.35 -7.96	33.82 2.75 -0.21
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.57 2.33 0.00	30.97 2.16 0.00	30.18 1.95 0.00	29.07 1.83 0.00	27.64 1.76 0.00	28.51 1.67 -1.58	27.56 1.78 0.00	27.15 1.70 -0.80	27.28 1.71 -0.38	29.81 1.92 0.00	31.32 1.97 0.00	32.63 2.05 0.00	36.34 2.46 -0.20	36.84 2.51 0.00	38.44 2.61 0.00	39.81 2.63 -1.19	44.82 2.85 -4.02	48.81 2.88 -8.01	44.18 2.76 -4.07	40.60 2.53 -0.27	37.99 2.45 0.00	35.52 2.26 0.00	35.25 1.83 -7.58	33.21 2.19 -0.16
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.48 3.24 -0.01	31.82 3.00 -0.01	30.98 2.74 -0.01	29.79 2.53 -0.01	28.29 2.41 -0.01	29.29 2.37 -1.65	28.23 2.45 0.00	27.77 2.29 -0.83	27.82 2.24 -0.39	30.54 2.65 0.00	32.18 2.82 -0.01	33.56 2.97 -0.01	37.33 3.37 -0.28	37.81 3.47 -0.01	39.45 3.62 -0.01	40.79 3.56 -1.24	45.89 3.76 -4.18	49.97 3.64 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.88 3.34 0.00	36.43 3.16 -0.01	36.44 2.64 -7.97	34.20 3.12 -0.22
E179THST_13_KV_LOAD 356214	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.36 2.58 0.00	27.92 2.44 -0.83	27.97 2.39 -0.39	30.70 2.82 0.00	32.39 3.02 -0.01	33.77 3.18 -0.01	37.57 3.60 -0.28	38.05 3.71 -0.01	39.70 3.87 -0.01	41.04 3.82 -1.24	46.16 4.02 -4.18	50.23 3.91 -8.41	45.32 3.77 -4.20	41.63 3.55 -0.28	39.13 3.59 0.00	36.66 3.39 -0.01	36.62 2.82 -7.97	34.39 3.30 -0.22

EAST HAMPTON___GT 23717	50.44 6.05 -14.16	42.72 5.74 -8.17	46.02 5.37 -12.42	38.95 5.01 -6.69	38.15 4.76 -7.52	38.50 4.65 -8.59	39.14 4.87 -8.48	39.73 4.66 -10.42	45.23 4.94 -15.11	44.70 5.61 -11.20	50.82 5.87 -15.59	52.72 6.27 -15.87	59.34 6.87 -18.79	62.12 7.11 -20.67	127.87 7.38 -84.67	143.04 7.45 -99.60	158.77 7.97 -112.84	195.03 7.93 -149.19	187.69 7.85 -142.50	133.64 7.64 -88.21	121.96 7.07 -79.34	57.59 6.59 -17.74	49.81 5.24 -18.73	48.48 6.21 -11.42
EAST RIVER___6 23660	33.38 3.14 0.00	31.75 2.94 0.00	30.89 2.65 0.00	29.72 2.48 0.00	28.26 2.38 0.00	29.23 2.32 -1.64	28.18 2.40 0.00	27.85 2.37 -0.83	27.95 2.37 -0.39	30.54 2.65 0.00	32.12 2.76 0.00	33.55 2.97 0.00	37.32 3.37 -0.27	37.80 3.47 0.00	39.48 3.66 0.00	40.79 3.56 -1.24	45.93 3.80 -4.18	50.04 3.72 -8.41	45.17 3.62 -4.20	41.44 3.36 -0.28	38.85 3.31 0.00	36.42 3.16 0.00	36.38 2.58 -7.96	34.13 3.06 -0.21
EAST RIVER___7 23524	33.38 3.14 0.00	31.75 2.94 0.00	30.89 2.65 0.00	29.72 2.48 0.00	28.26 2.38 0.00	29.23 2.32 -1.64	28.18 2.40 0.00	27.85 2.37 -0.83	27.95 2.37 -0.39	30.54 2.65 0.00	32.12 2.76 0.00	33.55 2.97 0.00	37.32 3.37 -0.27	37.80 3.47 0.00	39.48 3.66 0.00	40.79 3.56 -1.24	45.93 3.80 -4.18	50.04 3.72 -8.41	45.17 3.62 -4.20	41.44 3.36 -0.28	38.85 3.31 0.00	36.42 3.16 0.00	36.38 2.58 -7.96	34.13 3.06 -0.21
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.99 2.75 0.00	31.38 2.56 0.00	30.58 2.34 0.00	29.40 2.15 0.00	27.92 2.04 0.00	28.92 2.02 -1.64	27.93 2.14 0.00	27.55 2.07 -0.83	27.72 2.14 -0.39	30.28 2.40 0.00	31.82 2.47 0.00	33.18 2.60 0.00	36.95 3.00 -0.27	37.43 3.09 0.00	39.04 3.22 0.00	40.39 3.17 -1.23	45.50 3.38 -4.17	49.64 3.34 -8.39	44.75 3.21 -4.19	41.10 3.02 -0.28	38.49 2.95 0.00	36.02 2.76 0.00	36.03 2.25 -7.94	33.70 2.62 -0.21
EAST_HAMPTON___DIESEL 23722	50.47 6.08 -14.16	42.72 5.74 -8.17	46.04 5.39 -12.42	38.95 5.01 -6.69	38.15 4.76 -7.52	38.50 4.65 -8.59	39.14 4.87 -8.48	39.76 4.68 -10.42	45.26 4.96 -15.11	44.73 5.63 -11.20	50.82 5.87 -15.59	52.75 6.30 -15.87	59.37 6.90 -18.79	62.12 7.11 -20.67	127.87 7.38 -84.67	143.04 7.45 -99.60	158.80 8.01 -112.84	195.04 7.97 -149.16	187.66 7.85 -142.47	133.64 7.64 -88.21	121.99 7.11 -79.34	57.59 6.59 -17.74	49.83 5.27 -18.73	48.52 6.24 -11.42
EAST_PULASKI___ESR 323781	31.32 -0.54 -1.63	28.32 -0.49 0.00	27.78 -0.45 0.00	26.75 -0.49 0.00	25.49 -0.39 0.00	24.98 -0.40 -0.12	25.42 -0.36 0.00	24.37 -0.35 -0.06	24.81 -0.38 0.00	28.46 -0.39 -0.96	30.39 -0.38 -1.41	31.98 -0.40 -1.79	35.78 -0.76 -2.63	36.32 -0.82 -2.74	38.17 -0.83 -3.17	38.51 -0.83 -3.35	41.32 -0.72 -4.08	40.99 -0.61 -3.68	40.06 -0.75 -3.47	40.63 -0.64 -3.48	37.81 -0.68 -2.94	34.99 -0.53 -2.26	26.05 -0.39 -0.61	32.25 -0.46 -1.85
EAST_RIVER___1 323558	33.35 3.12 0.00	31.72 2.91 0.00	30.86 2.63 0.00	29.70 2.45 0.00	28.21 2.33 0.00	29.18 2.27 -1.64	28.16 2.37 0.00	27.80 2.32 -0.83	27.95 2.37 -0.39	30.56 2.68 0.00	32.15 2.79 0.00	33.55 2.97 0.00	37.32 3.37 -0.27	37.77 3.43 0.00	39.44 3.62 0.00	40.76 3.53 -1.24	45.89 3.76 -4.18	50.00 3.68 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.81 3.27 0.00	36.39 3.13 0.00	36.33 2.53 -7.96	34.07 2.99 -0.21
EAST_RIVER___2 323559	33.38 3.14 0.00	31.75 2.94 0.00	30.89 2.65 0.00	29.72 2.48 0.00	28.26 2.38 0.00	29.23 2.32 -1.64	28.18 2.40 0.00	27.85 2.37 -0.83	27.95 2.37 -0.39	30.54 2.65 0.00	32.12 2.76 0.00	33.55 2.97 0.00	37.32 3.37 -0.27	37.80 3.47 0.00	39.48 3.66 0.00	40.79 3.56 -1.24	45.93 3.80 -4.18	50.04 3.72 -8.41	45.17 3.62 -4.20	41.44 3.36 -0.28	38.85 3.31 0.00	36.42 3.16 0.00	36.38 2.58 -7.96	34.13 3.06 -0.21
EAST___DELAWARE_HYD 23607	32.26 2.03 0.00	30.71 1.90 0.00	29.87 1.64 0.00	28.77 1.52 0.00	27.35 1.47 0.00	28.00 1.31 -1.43	27.25 1.47 0.00	26.75 1.38 -0.72	26.88 1.33 -0.36	29.36 1.48 0.00	30.82 1.47 0.00	32.11 1.53 0.00	35.73 1.92 -0.13	36.22 1.89 0.00	37.93 2.11 0.00	39.22 2.16 -1.07	44.17 2.58 -3.63	48.01 2.65 -7.43	43.74 2.54 -3.85	40.20 2.15 -0.26	37.67 2.13 0.00	35.19 1.93 0.00	34.14 1.52 -6.78	32.82 1.85 -0.10
EIGHT_POINT___WT_PWR 323820	30.81 0.36 -0.21	29.07 0.26 0.00	28.63 0.40 0.00	27.44 0.19 0.00	26.27 0.39 0.00	25.80 0.20 -0.33	26.27 0.49 0.00	24.97 0.15 -0.17	25.66 0.40 -0.07	28.57 0.56 -0.12	30.21 0.68 -0.18	31.64 0.83 -0.23	34.66 0.64 -0.34	35.24 0.55 -0.35	36.77 0.54 -0.41	36.95 0.29 -0.67	39.94 0.64 -1.34	40.46 0.72 -1.82	39.11 0.60 -1.17	39.08 0.79 -0.50	36.63 0.71 -0.38	33.79 0.23 -0.29	27.62 0.23 -1.55	31.75 0.65 -0.24
ELBRIDGE_115KV_TB2 80188	30.93 -0.42 -1.11	28.44 -0.37 0.00	27.92 -0.31 0.00	26.89 -0.35 0.00	25.62 -0.26 0.00	25.19 -0.25 -0.18	25.55 -0.23 0.00	24.49 -0.25 -0.09	24.91 -0.28 0.00	28.29 -0.25 -0.66	30.09 -0.23 -0.97	31.59 -0.21 -1.22	35.21 -0.27 -1.80	35.83 -0.38 -1.87	37.59 -0.39 -2.16	37.99 -0.36 -2.35	40.72 -0.27 -3.03	40.21 -0.23 -2.52	39.34 -0.37 -2.36	39.86 -0.30 -2.37	37.23 -0.32 -2.01	34.51 -0.30 -1.54	26.41 -0.28 -0.86	31.82 -0.31 -1.26
ELEC_TRO_TEK 24086	43.14 3.17 -9.73	39.94 2.97 -8.16	38.82 2.74 -7.85	36.46 2.53 -6.69	35.83 2.43 -7.52	36.23 2.37 -8.59	36.77 2.50 -8.48	37.49 2.42 -10.42	42.75 2.47 -15.10	41.90 2.82 -11.19	41.77 2.82 -9.59	49.41 2.97 -15.86	55.78 3.37 -18.73	58.42 3.47 -20.62	46.36 3.62 -6.93	57.34 3.56 -17.79	50.27 3.80 -8.51	51.30 3.79 -9.59	46.03 3.77 -4.91	42.35 3.59 -0.97	40.31 3.38 -1.39	41.98 3.16 -5.56	39.03 2.64 -10.56	37.24 3.12 -3.26
ELLENBURG_WT_PWR 323604	30.66 0.42 0.00	29.22 0.40 0.00	28.63 0.40 0.00	27.68 0.43 0.00	26.16 0.29 0.00	25.59 0.33 0.00	26.17 0.39 0.00	25.07 0.42 0.00	25.72 0.53 0.00	28.47 0.59 0.00	29.94 0.59 0.00	31.23 0.64 0.00	34.39 0.71 0.00	35.13 0.79 0.00	36.68 0.86 0.00	36.78 0.79 0.00	38.76 0.80 0.00	38.64 0.72 0.00	38.24 0.89 0.00	38.81 1.02 0.00	36.36 0.82 0.00	34.13 0.86 0.00	26.45 0.62 0.00	31.63 0.77 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.39 -0.85 0.00	28.06 -0.75 0.00	27.41 -0.82 0.00	26.51 -0.74 0.00	25.41 -0.47 0.00	24.97 -0.56 -0.27	25.35 -0.44 0.00	23.87 -0.91 -0.13	24.46 -0.78 -0.05	27.24 -0.64 0.00	28.86 -0.50 0.00	30.22 -0.37 0.00	32.77 -0.91 0.00	33.51 -0.82 0.00	35.03 -0.79 0.00	35.11 -1.08 -0.20	37.42 -1.21 -0.68	37.85 -1.10 -1.03	36.71 -1.20 -0.55	36.85 -0.98 -0.04	34.62 -0.92 0.00	32.46 -0.80 0.00	26.27 -0.80 -1.23	30.40 -0.46 0.00
EMPIRE_CC_1 323656	31.32 1.09 0.00	29.91 1.09 0.00	29.22 0.99 0.00	28.31 1.06 0.00	26.96 1.09 0.00	28.30 1.04 -2.00	26.87 1.08 0.00	26.60 0.94 -1.01	26.76 0.96 -0.61	28.89 1.00 0.00	30.44 1.09 0.00	31.65 1.07 0.00	34.34 1.21 0.55	35.61 1.27 0.00	37.15 1.33 0.00	38.83 1.33 -1.51	44.46 1.41 -5.10	50.25 1.40 -10.93	45.32 1.38 -6.59	39.59 1.36 -0.44	36.86 1.32 0.00	34.43 1.16 0.00	35.26 0.88 -8.55	31.48 1.05 0.43

EMPIRE_CC_2 323658	31.32 1.09 0.00	29.91 1.09 0.00	29.22 0.99 0.00	28.31 1.06 0.00	26.96 1.09 0.00	28.30 1.04 -2.00	26.87 1.08 0.00	26.60 0.94 -1.01	26.76 0.96 -0.61	28.89 1.00 0.00	30.44 1.09 0.00	31.65 1.07 0.00	34.34 1.21 0.55	35.61 1.27 0.00	37.15 1.33 0.00	38.83 1.33 -1.51	44.46 1.41 -5.10	50.25 1.40 -10.93	45.32 1.38 -6.59	39.59 1.36 -0.44	36.86 1.32 0.00	34.43 1.16 0.00	35.26 0.88 -8.55	31.48 1.05 0.43
ENORWICH_115KV_TB1 80156	32.90 2.24 -0.43	30.89 2.07 0.00	30.21 1.98 0.00	29.04 1.80 0.00	27.72 1.84 0.00	27.35 1.57 -0.53	27.72 1.93 0.00	26.64 1.73 -0.27	27.09 1.79 -0.11	30.20 2.06 -0.25	31.90 2.17 -0.37	33.31 2.26 -0.47	36.80 2.43 -0.69	37.42 2.37 -0.72	39.16 2.51 -0.83	39.61 2.38 -1.25	43.51 3.23 -2.33	44.60 3.49 -3.20	42.66 3.21 -2.11	42.33 3.55 -0.99	39.44 3.13 -0.77	36.48 2.63 -0.59	30.04 1.76 -2.45	33.63 2.28 -0.48
ERIE_ST__34_KV_TB1-2 80199	29.72 -0.51 0.00	28.35 -0.46 0.00	27.70 -0.54 0.00	26.73 -0.52 0.00	25.62 -0.26 0.00	24.75 -0.78 -0.28	25.60 -0.18 0.00	23.78 -1.01 -0.14	24.87 -0.38 -0.05	27.69 -0.20 0.00	29.30 -0.06 0.00	30.67 0.09 0.00	33.31 -0.37 0.00	34.06 -0.27 0.00	35.57 -0.25 0.00	35.08 -1.12 -0.21	37.45 -1.21 -0.70	38.01 -0.99 -1.08	37.40 -0.52 -0.58	37.45 -0.38 -0.04	35.15 -0.39 0.00	32.96 -0.30 0.00	26.21 -0.90 -1.28	30.71 -0.15 0.00
ERIE_WT_PWR 323693	29.63 -0.60 0.00	28.15 -0.66 0.00	27.81 -0.42 0.00	26.67 -0.57 0.00	25.49 -0.39 0.00	25.03 -0.51 -0.27	25.53 -0.26 0.00	23.97 -0.81 -0.14	24.69 -0.55 -0.05	27.47 -0.42 0.00	29.09 -0.26 0.00	30.46 -0.12 0.00	33.11 -0.57 0.00	33.82 -0.51 0.00	35.25 -0.57 0.00	35.30 -0.90 -0.20	37.85 -0.80 -0.69	38.11 -0.87 -1.06	37.06 -0.86 -0.57	37.15 -0.68 -0.04	34.94 -0.60 0.00	32.23 -1.03 0.00	26.45 -0.64 -1.26	30.68 -0.18 0.00
ESPRGFLD_115KV_TB1 80157	32.04 1.60 -0.20	30.31 1.50 0.00	29.64 1.41 0.00	28.61 1.36 0.00	27.22 1.35 0.00	27.30 1.24 -0.80	27.15 1.37 0.00	26.34 1.28 -0.40	26.72 1.36 -0.17	29.62 1.62 -0.12	31.20 1.67 -0.17	32.55 1.74 -0.22	35.96 1.95 -0.32	36.67 1.99 -0.34	38.32 2.11 -0.39	39.01 2.02 -1.00	42.89 2.43 -2.50	44.33 2.46 -3.95	41.97 2.32 -2.31	40.69 2.34 -0.55	38.04 2.13 -0.36	35.40 1.86 -0.28	30.92 1.37 -3.71	32.76 1.67 -0.23
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.28 0.45 -0.58	29.25 0.43 0.00	28.68 0.45 0.00	27.60 0.35 0.00	26.34 0.47 0.00	25.98 0.35 -0.36	26.28 0.49 0.00	25.25 0.42 -0.18	25.72 0.45 -0.07	28.76 0.53 -0.34	30.45 0.59 -0.51	31.81 0.58 -0.64	35.23 0.61 -0.94	35.84 0.52 -0.98	37.53 0.57 -1.14	38.01 0.58 -1.44	41.11 0.87 -2.28	41.70 0.99 -2.80	40.20 0.82 -2.04	40.04 0.94 -1.30	37.41 0.82 -1.06	34.77 0.70 -0.81	27.97 0.44 -1.70	32.11 0.59 -0.66
ETNA_____115KV_TB2 80207	31.28 0.45 -0.58	29.25 0.43 0.00	28.68 0.45 0.00	27.60 0.35 0.00	26.34 0.47 0.00	25.98 0.35 -0.36	26.28 0.49 0.00	25.25 0.42 -0.18	25.72 0.45 -0.07	28.76 0.53 -0.34	30.45 0.59 -0.51	31.81 0.58 -0.64	35.23 0.61 -0.94	35.84 0.52 -0.98	37.53 0.57 -1.14	38.01 0.58 -1.44	41.11 0.87 -2.28	41.70 0.99 -2.80	40.20 0.82 -2.04	40.04 0.94 -1.30	37.41 0.82 -1.06	34.77 0.70 -0.81	27.97 0.44 -1.70	32.11 0.59 -0.66
EUCLID__115KV_TB2 356179	30.05 -0.67 -0.47	28.24 -0.58 0.00	27.70 -0.54 0.00	26.70 -0.54 0.00	25.44 -0.44 0.00	24.97 -0.43 -0.14	25.35 -0.44 0.00	24.30 -0.42 -0.07	24.74 -0.45 0.00	27.69 -0.47 -0.28	29.30 -0.47 -0.41	30.61 -0.49 -0.52	33.84 -0.61 -0.77	34.48 -0.65 -0.80	36.06 -0.68 -0.92	36.40 -0.65 -1.05	38.81 -0.61 -1.45	38.43 -0.57 -1.08	37.64 -0.71 -1.01	38.16 -0.64 -1.01	35.76 -0.64 -0.86	33.29 -0.63 -0.66	26.01 -0.49 -0.66	30.81 -0.59 -0.54
E_CANADA_CAP_HY 24051	34.56 4.32 0.00	32.90 4.09 0.00	32.13 3.90 0.00	31.01 3.76 0.00	29.63 3.75 0.00	31.10 3.69 -2.15	29.65 3.87 0.00	29.41 3.67 -1.09	30.30 3.78 -1.34	31.87 3.99 0.00	33.41 4.05 0.00	34.77 4.19 0.00	37.85 4.45 0.27	39.04 4.70 0.00	40.83 5.01 0.00	42.90 5.29 -1.62	49.32 5.88 -5.47	69.84 6.03 -25.89	57.73 5.90 -14.48	44.85 6.09 -0.97	41.16 5.61 0.00	38.38 5.12 0.00	39.23 3.80 -9.60	35.06 4.41 0.22
E_CANADA_MHWK_HY 24050	29.72 -0.51 0.00	28.32 -0.49 0.00	27.75 -0.48 0.00	26.78 -0.46 0.00	25.46 -0.42 0.00	24.83 -0.43 0.00	25.37 -0.41 0.00	24.23 -0.42 0.00	24.76 -0.43 0.00	27.41 -0.47 0.00	28.86 -0.50 0.00	30.03 -0.55 0.00	33.11 -0.57 0.00	33.75 -0.58 0.00	35.21 -0.61 0.00	35.34 -0.65 0.00	37.35 -0.61 0.00	37.35 -0.57 0.00	36.75 -0.60 0.00	37.15 -0.64 0.00	34.97 -0.57 0.00	32.70 -0.57 0.00	25.37 -0.46 0.00	30.31 -0.55 0.00
E_FISHKILL__LBMP 23776	32.57 2.33 0.00	30.97 2.16 0.00	30.21 1.98 0.00	29.10 1.85 0.00	27.66 1.79 0.00	28.69 1.74 -1.68	27.62 1.83 0.00	27.28 1.77 -0.85	27.43 1.84 -0.40	29.92 2.04 0.00	31.44 2.08 0.00	32.75 2.17 0.00	36.49 2.53 -0.28	36.95 2.61 0.00	38.54 2.72 0.00	39.92 2.66 -1.27	45.10 2.85 -4.29	49.40 2.84 -8.64	44.39 2.73 -4.32	40.65 2.57 -0.29	38.03 2.49 0.00	35.59 2.33 0.00	35.90 1.89 -8.18	33.31 2.22 -0.22
FALCON__SEABRD_CC1 323796	31.02 0.78 0.00	29.56 0.75 0.00	28.97 0.73 0.00	28.01 0.76 0.00	26.47 0.60 0.00	25.89 0.63 0.00	26.48 0.70 0.00	25.39 0.74 0.00	26.05 0.86 0.00	28.83 0.95 0.00	30.32 0.97 0.00	31.65 1.07 0.00	34.86 1.18 0.00	35.61 1.27 0.00	37.15 1.33 0.00	37.25 1.26 0.00	39.29 1.33 0.00	39.17 1.25 0.00	38.76 1.42 0.00	39.34 1.55 0.00	36.86 1.32 0.00	34.59 1.33 0.00	26.79 0.96 0.00	32.06 1.20 0.00
FALCON__SEABRD_CC2 323797	31.02 0.78 0.00	29.56 0.75 0.00	28.97 0.73 0.00	28.01 0.76 0.00	26.47 0.60 0.00	25.89 0.63 0.00	26.48 0.70 0.00	25.39 0.74 0.00	26.05 0.86 0.00	28.83 0.95 0.00	30.32 0.97 0.00	31.65 1.07 0.00	34.86 1.18 0.00	35.61 1.27 0.00	37.15 1.33 0.00	37.25 1.26 0.00	39.29 1.33 0.00	39.17 1.25 0.00	38.76 1.42 0.00	39.34 1.55 0.00	36.86 1.32 0.00	34.59 1.33 0.00	26.79 0.96 0.00	32.06 1.20 0.00
FAR ROCKAWAY__4 23548	43.74 3.78 -9.72	40.49 3.52 -8.16	39.34 3.28 -7.83	36.98 3.05 -6.69	36.32 2.92 -7.52	36.71 2.85 -8.59	37.26 2.99 -8.48	37.93 2.86 -10.42	43.11 2.82 -15.10	42.32 3.23 -11.19	42.35 3.41 -9.59	50.11 3.67 -15.86	56.56 4.14 -18.73	59.24 4.29 -20.62	46.97 4.44 -6.71	58.11 4.35 -17.76	50.81 4.63 -8.22	51.83 4.59 -9.33	46.56 4.56 -4.65	42.86 4.35 -0.72	40.76 4.05 -1.17	42.61 3.79 -5.56	39.49 3.10 -10.56	37.72 3.61 -3.24
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.41 3.17 0.00	31.75 2.94 0.00	30.89 2.65 0.00	29.70 2.45 0.00	28.21 2.33 0.00	29.18 2.27 -1.64	28.18 2.40 0.00	27.82 2.34 -0.83	27.95 2.37 -0.39	30.59 2.70 0.00	32.17 2.82 0.00	33.58 3.00 0.00	37.36 3.40 -0.27	37.87 3.54 0.00	39.44 3.62 0.00	40.75 3.53 -1.24	45.86 3.72 -4.18	50.00 3.68 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.81 3.27 0.00	36.39 3.13 0.00	36.38 2.58 -7.96	34.10 3.02 -0.21

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.41 3.17 0.00	31.75 2.94 0.00	30.91 2.68 0.00	29.70 2.45 0.00	28.21 2.33 0.00	29.20 2.30 -1.64	28.18 2.40 0.00	27.82 2.34 -0.83	27.97 2.39 -0.39	30.59 2.70 0.00	32.17 2.82 0.00	33.58 3.00 0.00	37.36 3.40 -0.27	37.87 3.54 0.00	39.44 3.62 0.00	40.75 3.53 -1.24	45.89 3.76 -4.18	50.00 3.68 -8.41	45.13 3.59 -4.20	41.44 3.36 -0.28	38.85 3.31 0.00	36.42 3.16 0.00	36.38 2.58 -7.96	34.10 3.02 -0.21
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.38 3.14 0.00	31.72 2.91 0.00	30.89 2.65 0.00	29.67 2.42 0.00	28.18 2.30 0.00	29.15 2.25 -1.64	28.16 2.37 0.00	27.80 2.32 -0.83	27.95 2.37 -0.39	30.56 2.68 0.00	32.15 2.79 0.00	33.55 2.97 0.00	37.32 3.37 -0.27	37.84 3.50 0.00	39.40 3.58 0.00	40.72 3.49 -1.24	45.82 3.68 -4.18	49.97 3.64 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.78 3.23 0.00	36.36 3.09 0.00	36.36 2.56 -7.96	34.07 2.99 -0.21
FARRAGUT___LBMP 323566	33.35 3.11 0.00	31.69 2.88 0.00	30.86 2.63 0.00	29.64 2.40 0.00	28.15 2.28 0.00	29.15 2.25 -1.64	28.13 2.35 0.00	27.77 2.29 -0.83	27.92 2.34 -0.39	30.54 2.65 0.00	32.12 2.76 0.00	33.52 2.94 0.00	37.29 3.33 -0.27	37.77 3.43 0.00	39.37 3.55 0.00	40.68 3.46 -1.24	45.78 3.64 -4.18	49.93 3.60 -8.41	45.02 3.47 -4.20	41.32 3.25 -0.28	38.74 3.20 0.00	36.32 3.06 0.00	36.33 2.53 -7.96	34.04 2.96 -0.21
FENNER___WINDPWR 24204	31.11 0.42 -0.44	29.19 0.37 0.00	28.63 0.40 0.00	27.55 0.30 0.00	26.24 0.36 0.00	25.76 0.30 -0.20	26.20 0.41 0.00	25.12 0.37 -0.10	25.60 0.38 -0.03	28.59 0.44 -0.26	30.21 0.47 -0.39	31.53 0.46 -0.49	34.87 0.47 -0.72	35.53 0.45 -0.75	37.15 0.46 -0.87	37.49 0.47 -1.04	40.25 0.76 -1.53	40.42 0.80 -1.71	39.30 0.63 -1.32	39.52 0.76 -0.98	36.99 0.64 -0.80	34.35 0.47 -0.62	27.07 0.31 -0.92	31.80 0.43 -0.51
FIBERTEK___ENERGY 23856	30.92 -0.33 -1.02	28.55 -0.26 0.00	28.04 -0.20 0.00	26.97 -0.27 0.00	25.72 -0.16 0.00	25.25 -0.18 -0.16	25.63 -0.15 0.00	24.59 -0.15 -0.08	25.01 -0.18 0.00	28.35 -0.14 -0.60	30.12 -0.12 -0.88	31.61 -0.09 -1.12	35.19 -0.13 -1.64	35.77 -0.27 -1.71	37.55 -0.25 -1.98	37.93 -0.22 -2.15	40.62 -0.11 -2.77	40.15 -0.08 -2.31	39.25 -0.26 -2.16	39.81 -0.15 -2.17	37.20 -0.18 -1.83	34.47 -0.20 -1.41	26.45 -0.18 -0.79	31.80 -0.22 -1.15
FITZPATRICK____ 23598	23.55 -1.03 5.66	27.83 -0.98 0.00	27.36 -0.88 0.00	26.35 -0.90 0.00	25.05 -0.83 0.00	24.58 -0.78 -0.10	24.99 -0.80 0.00	23.91 -0.79 -0.05	24.36 -0.83 0.00	23.63 -0.92 3.34	23.50 -0.94 4.92	23.38 -0.98 6.22	23.43 -1.11 9.14	23.67 -1.13 9.53	23.59 -1.22 11.01	23.57 -1.19 11.23	23.93 -1.18 12.85	24.00 -1.18 12.74	24.04 -1.27 12.04	24.49 -1.21 12.09	24.15 -1.17 10.22	24.31 -1.10 7.86	25.28 -0.85 -0.30	23.42 -1.02 6.43
FLOWRFLD_69_KV_BK1 356044	50.40 4.17 -15.99	40.91 3.92 -8.18	46.21 3.67 -14.31	37.35 3.41 -6.70	36.60 3.21 -7.52	37.03 3.18 -8.59	37.60 3.33 -8.48	38.28 3.20 -10.42	43.65 3.35 -15.11	42.89 3.79 -11.21	49.72 3.61 -16.75	50.16 3.70 -15.88	56.67 4.18 -18.82	59.33 4.29 -20.70	157.05 4.48 -116.75	173.61 4.39 -133.23	198.53 4.67 -155.90	174.95 4.74 -132.29	166.82 4.71 -124.77	166.58 4.57 -124.22	151.32 4.27 -111.52	57.39 3.99 -20.13	49.61 3.44 -20.34	49.81 4.17 -14.78
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.99 2.75 0.00	31.38 2.56 0.00	30.55 2.32 0.00	29.42 2.18 0.00	27.95 2.07 0.00	28.86 1.95 -1.65	27.87 2.09 0.00	27.46 1.97 -0.83	27.57 1.99 -0.39	30.14 2.26 0.00	31.68 2.32 0.00	33.03 2.45 0.00	36.82 2.93 -0.21	37.32 2.99 0.00	38.94 3.12 0.00	40.36 3.13 -1.24	45.57 3.42 -4.20	49.73 3.45 -8.36	44.93 3.32 -4.26	41.10 3.02 -0.29	38.46 2.91 0.00	35.96 2.69 0.00	35.89 2.14 -7.91	33.59 2.56 -0.16
FORT ORANGE____ 23900	31.21 0.97 0.00	29.74 0.92 0.00	29.02 0.79 0.00	28.28 1.04 0.00	26.94 1.06 0.00	28.31 0.98 -2.06	26.82 1.03 0.00	26.63 0.94 -1.04	26.98 0.96 -0.83	28.92 1.03 0.00	30.44 1.09 0.00	31.68 1.10 0.00	34.67 1.28 0.29	35.64 1.30 0.00	37.22 1.40 0.00	38.95 1.40 -1.55	44.77 1.56 -5.25	55.48 1.59 -15.97	47.91 1.53 -9.03	39.91 1.51 -0.61	37.00 1.46 0.00	34.53 1.26 0.00	35.97 0.96 -9.18	31.81 1.17 0.23
FORT_DRUM_COGEN 23780	31.00 -0.06 -0.82	28.73 -0.09 0.00	28.15 -0.08 0.00	27.08 -0.16 0.00	25.77 -0.10 0.00	25.17 -0.18 -0.08	25.76 -0.03 0.00	24.64 -0.05 -0.04	25.11 -0.08 0.00	28.31 -0.06 -0.48	29.95 -0.12 -0.71	31.27 -0.21 -0.90	34.70 -0.30 -1.32	35.27 -0.45 -1.38	36.95 -0.47 -1.59	37.33 -0.36 -1.70	40.11 0.04 -2.11	40.04 0.27 -1.86	39.24 0.15 -1.74	39.92 0.38 -1.75	37.20 0.18 -1.48	34.47 0.07 -1.14	26.25 0.00 -0.41	31.89 0.09 -0.93
FPL_FAR_ROCK_GT1 24212	43.71 3.75 -9.72	40.49 3.51 -8.16	39.31 3.25 -7.83	36.98 3.05 -6.69	36.34 2.95 -7.52	36.71 2.85 -8.59	37.26 2.99 -8.48	37.93 2.86 -10.42	43.11 2.82 -15.10	42.31 3.23 -11.19	42.35 3.40 -9.59	50.11 3.67 -15.86	56.55 4.14 -18.73	59.17 4.22 -20.62	46.93 4.40 -6.71	58.11 4.35 -17.76	50.84 4.67 -8.22	51.83 4.59 -9.33	46.55 4.55 -4.65	42.86 4.34 -0.72	40.76 4.05 -1.17	42.58 3.76 -5.56	39.44 3.05 -10.56	37.68 3.58 -3.24
FPL_FAR_ROCK_GT2 23815	43.71 3.75 -9.72	40.49 3.51 -8.16	39.31 3.25 -7.83	36.98 3.05 -6.69	36.34 2.95 -7.52	36.71 2.85 -8.59	37.26 2.99 -8.48	37.93 2.86 -10.42	43.11 2.82 -15.10	42.31 3.23 -11.19	42.35 3.40 -9.59	50.11 3.67 -15.86	56.55 4.14 -18.73	59.17 4.22 -20.62	46.93 4.40 -6.71	58.11 4.35 -17.76	50.84 4.67 -8.22	51.83 4.59 -9.33	46.55 4.55 -4.65	42.86 4.34 -0.72	40.76 4.05 -1.17	42.58 3.76 -5.56	39.44 3.05 -10.56	37.68 3.58 -3.24
FRANKLIN_FALL_HYD 24054	30.63 0.39 0.00	29.16 0.35 0.00	28.60 0.37 0.00	27.63 0.38 0.00	26.08 0.21 0.00	25.52 0.25 0.00	26.09 0.31 0.00	25.02 0.37 0.00	25.69 0.50 0.00	28.44 0.56 0.00	29.88 0.53 0.00	31.19 0.61 0.00	34.32 0.64 0.00	35.06 0.72 0.00	36.57 0.75 0.00	36.68 0.68 0.00	38.76 0.80 0.00	38.56 0.64 0.00	38.17 0.82 0.00	38.74 0.94 0.00	36.29 0.75 0.00	34.09 0.83 0.00	26.46 0.62 0.00	31.66 0.80 0.00
FREEPORT_EQUS_GT1 23764	43.47 3.48 -9.76	40.26 3.28 -8.16	39.13 3.02 -7.88	36.79 2.86 -6.69	36.13 2.74 -7.52	36.50 2.65 -8.59	37.06 2.79 -8.48	37.76 2.69 -10.42	43.03 2.75 -15.10	42.20 3.12 -11.19	42.15 3.20 -9.59	49.59 3.15 -15.86	55.95 3.54 -18.73	58.59 3.64 -20.62	47.11 3.83 -7.46	57.66 3.81 -17.86	51.28 4.10 -9.22	52.19 4.06 -10.22	46.91 4.03 -5.53	43.32 3.97 -1.56	41.30 3.84 -1.92	42.38 3.56 -5.56	39.31 2.92 -10.56	37.67 3.49 -3.32
FREEPORT___CT2 23818	43.47 3.48 -9.76	40.26 3.28 -8.16	39.13 3.02 -7.88	36.79 2.86 -6.69	36.13 2.74 -7.52	36.50 2.65 -8.59	37.06 2.79 -8.48	37.76 2.69 -10.42	43.03 2.75 -15.10	42.20 3.12 -11.19	42.15 3.20 -9.59	49.59 3.15 -15.86	55.95 3.54 -18.73	58.59 3.64 -20.62	47.11 3.83 -7.46	57.66 3.81 -17.86	51.28 4.10 -9.22	52.19 4.06 -10.22	46.91 4.03 -5.53	43.32 3.97 -1.56	41.30 3.84 -1.92	42.38 3.56 -5.56	39.31 2.92 -10.56	37.67 3.49 -3.32

FRESHKLS_33_KV_LOAD 356253	33.60 3.36 -0.01	31.90 3.08 -0.01	31.06 2.82 -0.01	29.84 2.59 -0.01	28.34 2.46 -0.01	29.34 2.43 -1.65	28.32 2.53 -0.01	27.86 2.37 -0.84	27.86 2.29 -0.38	30.58 2.70 0.01	32.23 2.88 0.01	33.63 3.06 0.01	37.38 3.44 -0.26	37.90 3.57 0.01	39.52 3.69 -0.01	40.79 3.56 -1.24	45.97 3.83 -4.18	50.09 3.75 -8.42	45.21 3.66 -4.20	41.05 3.48 0.21	39.03 3.48 -0.01	36.58 3.26 -0.06	36.52 2.71 -7.97	34.29 3.21 -0.22
FULTON COGEN____ 23766	31.45 -0.63 -1.85	28.24 -0.58 0.00	27.72 -0.51 0.00	26.70 -0.54 0.00	25.44 -0.44 0.00	24.94 -0.45 -0.13	25.37 -0.41 0.00	24.32 -0.39 -0.07	24.76 -0.43 0.00	28.53 -0.45 -1.09	30.52 -0.44 -1.61	32.19 -0.43 -2.04	36.13 -0.54 -2.99	36.80 -0.65 -3.12	38.74 -0.68 -3.60	39.14 -0.65 -3.80	42.01 -0.57 -4.62	41.57 -0.53 -4.19	40.61 -0.67 -3.94	41.14 -0.60 -3.96	38.28 -0.60 -3.34	35.27 -0.57 -2.57	26.03 -0.47 -0.66	32.41 -0.56 -2.10
FULTON____LFGE 323630	35.17 4.93 0.00	33.36 4.55 0.00	32.58 4.35 0.00	31.41 4.17 0.00	30.07 4.19 0.00	31.55 4.14 -2.15	30.09 4.31 0.00	29.80 4.07 -1.09	30.76 4.23 -1.34	32.26 4.38 0.00	33.55 4.20 0.00	34.90 4.31 0.00	37.99 4.58 0.27	39.39 5.05 0.00	41.26 5.44 0.00	43.44 5.83 -1.62	49.96 6.53 -5.47	70.52 6.71 -25.89	58.44 6.61 -14.48	45.72 6.95 -0.97	41.90 6.36 0.00	39.02 5.76 0.00	39.65 4.21 -9.60	35.52 4.87 0.22
G.F.CEMENT____DRP 24184	32.57 2.33 0.00	30.89 2.07 0.00	30.15 1.92 0.00	29.10 1.85 0.00	27.79 1.91 0.00	29.26 1.87 -2.13	27.77 1.99 0.00	27.65 1.92 -1.08	28.54 2.09 -1.25	30.14 2.26 0.00	31.76 2.41 0.00	33.03 2.45 0.00	35.70 2.36 0.34	36.81 2.47 0.00	38.44 2.61 0.00	40.22 2.63 -1.61	45.93 2.54 -5.43	64.70 2.65 -24.13	53.52 2.58 -13.60	41.42 2.72 -0.91	38.07 2.52 0.00	35.79 2.53 0.00	37.10 1.83 -9.43	32.85 2.25 0.27
GARDENVILLE____LBMP 24039	29.51 -0.73 0.00	28.15 -0.66 0.00	27.50 -0.73 0.00	26.59 -0.65 0.00	25.49 -0.39 0.00	24.98 -0.56 -0.27	25.42 -0.36 0.00	23.90 -0.89 -0.14	24.59 -0.65 -0.05	27.38 -0.50 0.00	28.97 -0.38 0.00	30.34 -0.24 0.00	32.94 -0.74 0.00	33.68 -0.65 0.00	35.18 -0.64 0.00	35.19 -1.01 -0.20	37.51 -1.14 -0.69	37.99 -0.99 -1.06	36.90 -1.01 -0.57	37.04 -0.79 -0.04	34.76 -0.78 0.00	32.60 -0.67 0.00	26.32 -0.78 -1.26	30.49 -0.37 0.00
GARDNVLA_35_KV_LD 355827	29.63 -0.60 0.00	28.29 -0.52 0.00	27.64 -0.59 0.00	26.70 -0.54 0.00	25.59 -0.28 0.00	25.05 -0.48 -0.27	25.55 -0.23 0.00	24.00 -0.79 -0.14	24.71 -0.53 -0.05	27.52 -0.36 0.00	29.12 -0.23 0.00	30.49 -0.09 0.00	33.11 -0.57 0.00	33.86 -0.48 0.00	35.35 -0.47 0.00	35.33 -0.86 -0.20	37.66 -0.99 -0.69	38.15 -0.83 -1.06	37.13 -0.78 -0.57	37.23 -0.60 -0.04	34.94 -0.60 0.00	32.76 -0.50 0.00	26.43 -0.67 -1.26	30.65 -0.22 0.00
GELCKHM__115KV_LOAD 80723	30.36 -0.54 -0.67	28.35 -0.46 0.00	27.81 -0.42 0.00	26.81 -0.44 0.00	25.54 -0.34 0.00	25.06 -0.35 -0.15	25.45 -0.34 0.00	24.38 -0.35 -0.08	24.81 -0.38 0.00	27.92 -0.36 -0.40	29.59 -0.35 -0.58	30.95 -0.37 -0.74	34.33 -0.44 -1.08	34.95 -0.52 -1.13	36.59 -0.54 -1.30	36.94 -0.50 -1.45	39.47 -0.42 -1.93	39.07 -0.38 -1.53	38.21 -0.56 -1.43	38.77 -0.45 -1.43	36.29 -0.46 -1.21	33.73 -0.47 -0.93	26.16 -0.39 -0.71	31.16 -0.46 -0.76
GENERAL____MILLS 23808	29.60 -0.63 0.00	28.24 -0.58 0.00	27.58 -0.65 0.00	26.65 -0.60 0.00	25.54 -0.34 0.00	25.00 -0.53 -0.27	25.50 -0.28 0.00	23.95 -0.84 -0.14	24.66 -0.58 -0.05	27.47 -0.42 0.00	29.06 -0.29 0.00	30.43 -0.15 0.00	33.04 -0.64 0.00	33.79 -0.55 0.00	35.28 -0.54 0.00	35.26 -0.94 -0.20	37.59 -1.06 -0.69	38.07 -0.91 -1.06	37.06 -0.86 -0.57	37.15 -0.68 -0.04	34.87 -0.68 0.00	32.73 -0.53 0.00	26.37 -0.72 -1.26	30.58 -0.28 0.00
GE_PLASTICS____DRP 24183	31.36 1.12 0.00	29.85 1.04 0.00	29.22 0.99 0.00	28.25 1.01 0.00	26.89 1.01 0.00	28.32 0.99 -2.07	26.79 1.01 0.00	26.61 0.91 -1.05	26.90 0.96 -0.76	28.92 1.03 0.00	30.44 1.09 0.00	31.68 1.10 0.00	34.73 1.28 0.23	35.68 1.34 0.00	37.18 1.36 0.00	38.92 1.37 -1.56	44.71 1.48 -5.27	53.97 1.48 -14.58	47.01 1.46 -8.20	39.74 1.40 -0.55	36.89 1.35 0.00	34.49 1.23 0.00	36.04 0.93 -9.28	31.79 1.11 0.18
GILBOA____1 23756	31.42 1.18 0.00	29.94 1.12 0.00	29.36 1.13 0.00	28.47 1.23 0.00	27.09 1.22 0.00	28.04 1.16 -1.61	26.82 1.03 0.00	26.45 0.99 -0.82	26.55 1.01 -0.35	29.00 1.12 0.00	30.53 1.18 0.00	31.77 1.19 0.00	35.03 1.35 0.00	35.74 1.41 0.00	37.29 1.47 0.00	38.68 1.48 -1.22	43.66 1.59 -4.11	46.60 1.59 -7.09	42.69 1.53 -3.82	39.52 1.47 -0.26	36.97 1.42 0.00	34.56 1.30 0.00	34.35 1.03 -7.48	32.10 1.24 0.00
GILBOA____2 23757	31.42 1.18 0.00	29.94 1.12 0.00	29.36 1.13 0.00	28.47 1.23 0.00	27.09 1.22 0.00	28.04 1.16 -1.61	26.82 1.03 0.00	26.45 0.99 -0.82	26.55 1.01 -0.35	29.00 1.12 0.00	30.53 1.18 0.00	31.77 1.19 0.00	35.03 1.35 0.00	35.74 1.41 0.00	37.29 1.47 0.00	38.68 1.48 -1.22	43.66 1.59 -4.11	46.60 1.59 -7.09	42.69 1.53 -3.82	39.52 1.47 -0.26	36.97 1.42 0.00	34.56 1.30 0.00	34.35 1.03 -7.48	32.10 1.24 0.00
GILBOA____3 23758	31.42 1.18 0.00	29.94 1.12 0.00	29.36 1.13 0.00	28.47 1.23 0.00	27.09 1.22 0.00	28.04 1.16 -1.61	26.82 1.03 0.00	26.45 0.99 -0.82	26.55 1.01 -0.35	29.00 1.12 0.00	30.53 1.18 0.00	31.77 1.19 0.00	35.03 1.35 0.00	35.74 1.41 0.00	37.29 1.47 0.00	38.68 1.48 -1.22	43.66 1.59 -4.11	46.60 1.59 -7.09	42.69 1.53 -3.82	39.52 1.47 -0.26	36.97 1.42 0.00	34.56 1.30 0.00	34.35 1.03 -7.48	32.10 1.24 0.00
GILBOA____4 23759	31.42 1.18 0.00	29.94 1.12 0.00	29.36 1.13 0.00	28.47 1.23 0.00	27.09 1.22 0.00	28.04 1.16 -1.61	26.82 1.03 0.00	26.45 0.99 -0.82	26.55 1.01 -0.35	29.00 1.12 0.00	30.53 1.18 0.00	31.77 1.19 0.00	35.03 1.35 0.00	35.74 1.41 0.00	37.29 1.47 0.00	38.68 1.48 -1.22	43.66 1.59 -4.11	46.60 1.59 -7.09	42.69 1.53 -3.82	39.52 1.47 -0.26	36.97 1.42 0.00	34.56 1.30 0.00	34.35 1.03 -7.48	32.10 1.24 0.00
GILBOA____ 23599	31.45 1.21 0.00	29.94 1.12 0.00	29.39 1.16 0.00	28.47 1.23 0.00	27.07 1.19 0.00	28.04 1.16 -1.61	26.82 1.03 0.00	26.45 0.99 -0.82	26.55 1.01 -0.35	29.00 1.12 0.00	30.53 1.17 0.00	31.78 1.19 0.00	35.03 1.35 0.00	35.74 1.41 0.00	37.29 1.47 0.00	38.68 1.48 -1.22	43.66 1.59 -4.11	46.60 1.59 -7.09	42.69 1.53 -3.82	39.52 1.47 -0.26	36.96 1.42 0.00	34.59 1.33 0.00	34.35 1.03 -7.48	32.10 1.23 0.00
GINNA____ 23603	28.18 -2.06 0.00	26.80 -2.02 0.00	26.37 -1.86 0.00	25.42 -1.83 0.00	24.22 -1.66 0.00	24.02 -1.44 -0.19	24.21 -1.57 0.00	23.24 -1.50 -0.10	23.56 -1.66 -0.03	26.16 -1.73 0.00	27.65 -1.70 0.00	28.90 -1.68 0.00	31.70 -1.99 0.00	32.31 -2.03 0.00	33.67 -2.15 0.00	34.09 -2.05 -0.15	36.44 -2.01 -0.49	36.46 -2.16 -0.70	35.22 -2.50 -0.37	35.62 -2.19 -0.03	33.48 -2.06 0.00	31.40 -1.86 0.00	25.29 -1.45 -0.90	29.13 -1.73 0.00

GLEN PARK____ 23778	31.22 0.12 -0.86	28.87 0.06 0.00	28.29 0.06 0.00	27.22 -0.03 0.00	25.88 0.00 0.00	25.27 -0.08 -0.09	25.89 0.10 0.00	24.77 0.07 -0.04	25.24 0.05 0.00	28.48 0.08 -0.51	30.11 0.00 -0.75	31.47 -0.06 -0.95	34.91 -0.17 -1.39	35.51 -0.28 -1.45	37.14 -0.36 -1.68	37.57 -0.21 -1.79	40.48 0.30 -2.22	40.40 0.53 -1.95	39.59 0.41 -1.83	40.28 0.64 -1.84	37.53 0.43 -1.56	34.72 0.26 -1.20	26.39 0.13 -0.43	32.09 0.25 -0.98
GLENDALE_27_KV_LOAD 356172	33.63 3.39 -0.01	31.96 3.14 -0.01	31.12 2.88 -0.01	29.90 2.64 -0.01	28.40 2.51 -0.01	29.39 2.48 -1.65	28.36 2.58 0.00	27.97 2.49 -0.83	28.07 2.49 -0.39	30.76 2.87 0.00	32.42 3.05 -0.01	33.83 3.24 -0.01	37.63 3.67 -0.28	38.16 3.81 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.19 3.87 -8.41	45.36 3.81 -4.20	41.66 3.59 -0.28	39.13 3.59 0.00	36.70 3.43 -0.01	36.60 2.79 -7.97	34.36 3.27 -0.22
GLENWOOD_IC_1_G5 23712	43.29 3.30 -9.76	40.03 3.05 -8.16	38.93 2.82 -7.88	36.57 2.64 -6.69	35.90 2.51 -7.52	36.30 2.45 -8.59	36.85 2.58 -8.48	37.56 2.49 -10.42	42.88 2.59 -15.10	41.81 2.73 -11.19	41.80 2.85 -9.59	49.47 3.03 -15.86	55.88 3.47 -18.73	58.52 3.57 -20.62	46.93 3.69 -7.42	57.48 3.64 -17.85	51.00 3.87 -9.17	51.92 3.83 -10.17	46.60 3.77 -5.48	42.86 3.55 -1.52	40.80 3.38 -1.88	41.98 3.16 -5.56	38.95 2.56 -10.56	37.17 2.99 -3.32
GLENWOOD_IC_2_G1 23688	42.98 3.02 -9.72	39.83 2.85 -8.16	38.66 2.60 -7.83	36.35 2.42 -6.69	35.72 2.33 -7.52	36.13 2.27 -8.59	36.64 2.37 -8.48	37.39 2.32 -10.42	42.65 2.37 -15.10	41.73 2.65 -11.19	41.71 2.76 -9.59	49.35 2.91 -15.86	55.72 3.30 -18.73	58.32 3.37 -20.62	46.07 3.55 -6.71	57.24 3.49 -17.76	49.93 3.76 -8.22	50.92 3.68 -9.33	45.62 3.62 -4.65	41.95 3.44 -0.72	39.98 3.27 -1.17	41.88 3.06 -5.56	38.85 2.46 -10.56	37.00 2.90 -3.24
GLENWOOD_IC_3_G1 23689	42.98 3.02 -9.72	39.83 2.85 -8.16	38.66 2.60 -7.83	36.35 2.42 -6.69	35.72 2.33 -7.52	36.13 2.27 -8.59	36.64 2.37 -8.48	37.39 2.32 -10.42	42.65 2.37 -15.10	41.73 2.65 -11.19	41.71 2.76 -9.59	49.35 2.91 -15.86	55.72 3.30 -18.73	58.32 3.37 -20.62	46.07 3.55 -6.71	57.24 3.49 -17.76	49.93 3.76 -8.22	50.92 3.68 -9.33	45.62 3.62 -4.65	41.95 3.44 -0.72	39.98 3.27 -1.17	41.88 3.06 -5.56	38.85 2.46 -10.56	37.00 2.90 -3.24
GLENWOOD____4 23550	43.29 3.30 -9.76	40.03 3.05 -8.16	38.93 2.82 -7.88	36.57 2.64 -6.69	35.90 2.51 -7.52	36.30 2.45 -8.59	36.85 2.58 -8.48	37.56 2.49 -10.42	42.88 2.59 -15.10	41.90 2.82 -11.19	41.89 2.94 -9.59	49.53 3.09 -15.86	55.95 3.54 -18.73	58.63 3.67 -20.62	47.04 3.80 -7.42	57.59 3.74 -17.85	51.08 3.95 -9.17	52.00 3.91 -10.17	46.67 3.85 -5.48	42.94 3.63 -1.52	40.87 3.45 -1.88	42.05 3.23 -5.56	39.03 2.64 -10.56	37.27 3.09 -3.32
GLENWOOD____5 23614	43.29 3.30 -9.76	40.03 3.05 -8.16	38.93 2.82 -7.88	36.57 2.64 -6.69	35.90 2.51 -7.52	36.30 2.45 -8.59	36.85 2.58 -8.48	37.56 2.49 -10.42	42.88 2.59 -15.10	41.90 2.82 -11.19	41.89 2.94 -9.59	49.53 3.09 -15.86	55.95 3.54 -18.73	58.63 3.67 -20.62	47.04 3.80 -7.42	57.59 3.74 -17.85	51.08 3.95 -9.17	52.00 3.91 -10.17	46.67 3.85 -5.48	42.94 3.63 -1.52	40.87 3.45 -1.88	42.05 3.23 -5.56	39.03 2.64 -10.56	37.27 3.09 -3.32
GLOBAL GREEN_PORT_GT1 23814	50.35 5.96 -14.16	42.60 5.62 -8.17	45.93 5.28 -12.42	38.84 4.90 -6.69	38.08 4.69 -7.52	38.43 4.57 -8.59	39.06 4.79 -8.48	39.68 4.61 -10.42	45.18 4.89 -15.11	44.61 5.52 -11.20	50.71 5.75 -15.59	52.60 6.15 -15.87	59.21 6.74 -18.79	61.98 6.97 -20.67	127.75 7.24 -84.69	142.92 7.30 -99.62	158.69 7.86 -112.87	195.81 7.85 -150.04	188.43 7.73 -143.35	133.55 7.52 -88.23	121.87 6.97 -79.37	57.46 6.45 -17.75	49.74 5.17 -18.73	48.39 6.11 -11.42
GLOBE____DSASP 323697	28.48 -1.75 0.00	27.20 -1.61 0.00	26.57 -1.67 0.00	25.72 -1.53 0.00	24.87 -1.01 0.00	24.63 -0.88 -0.25	24.57 -1.21 0.00	23.20 -1.58 -0.13	23.58 -1.66 -0.05	26.24 -1.65 0.00	27.80 -1.56 0.00	29.11 -1.47 0.00	31.56 -2.12 0.00	32.28 -2.06 0.00	33.74 -2.08 0.00	34.13 -2.05 -0.19	36.28 -2.32 -0.64	36.64 -2.24 -0.96	35.28 -2.58 -0.52	35.45 -2.38 -0.03	33.34 -2.20 0.00	31.30 -1.96 0.00	25.55 -1.45 -1.16	29.44 -1.42 0.00
GOETHSLN____LBMP 323567	33.20 2.96 0.00	31.55 2.74 0.00	30.72 2.48 0.00	29.51 2.26 0.00	28.03 2.15 0.00	29.00 2.10 -1.64	28.00 2.22 0.00	27.65 2.17 -0.83	27.79 2.22 -0.39	30.40 2.51 0.00	31.97 2.61 0.00	33.37 2.78 0.00	37.12 3.17 -0.27	37.60 3.26 0.00	39.15 3.33 0.00	39.94 3.20 -0.74	45.55 3.42 -4.18	40.90 3.34 0.36	40.63 3.21 -0.07	40.60 3.02 0.21	38.56 3.02 0.00	36.16 2.89 0.00	36.23 2.43 -7.96	33.88 2.81 -0.21
GOLAH____69_KV_TB 1_2 80279	29.57 -0.67 0.00	28.24 -0.58 0.00	27.67 -0.56 0.00	26.81 -0.44 0.00	25.59 -0.28 0.00	25.31 -0.15 -0.20	25.48 -0.31 0.00	24.28 -0.47 -0.10	24.67 -0.55 -0.04	27.41 -0.47 0.00	28.97 -0.38 0.00	30.25 -0.34 0.00	33.04 -0.64 0.00	33.79 -0.55 0.00	35.28 -0.54 0.00	35.68 -0.47 -0.15	37.95 -0.53 -0.52	38.13 -0.53 -0.74	36.85 -0.90 -0.40	37.25 -0.57 -0.03	34.97 -0.57 0.00	32.70 -0.57 0.00	26.42 -0.36 -0.94	30.55 -0.31 0.00
GOODYEAR_LAKE_HYD 323669	31.92 1.48 -0.20	30.20 1.38 0.00	29.53 1.30 0.00	28.53 1.28 0.00	27.15 1.27 0.00	27.22 1.16 -0.80	27.02 1.24 0.00	26.21 1.16 -0.40	26.60 1.23 -0.17	29.45 1.45 -0.12	31.06 1.53 -0.17	32.36 1.56 -0.22	35.76 1.75 -0.32	36.49 1.82 -0.34	38.11 1.90 -0.39	38.83 1.84 -1.00	42.58 2.13 -2.50	44.07 2.20 -3.95	41.71 2.05 -2.31	40.43 2.08 -0.55	37.82 1.92 -0.36	35.20 1.66 -0.28	30.79 1.24 -3.71	32.60 1.51 -0.23
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.84 0.21 -0.39	29.02 0.20 0.00	28.43 0.20 0.00	27.41 0.16 0.00	26.14 0.26 0.00	25.90 0.13 -0.52	26.04 0.26 0.00	25.03 0.12 -0.26	25.53 0.23 -0.11	28.45 0.33 -0.23	30.05 0.35 -0.34	31.41 0.40 -0.43	34.69 0.37 -0.63	35.34 0.34 -0.66	36.98 0.39 -0.76	37.42 0.25 -1.17	40.60 0.42 -2.22	41.48 0.49 -3.07	39.77 0.41 -2.01	39.20 0.49 -0.92	36.68 0.43 -0.71	34.17 0.37 -0.54	28.39 0.16 -2.40	31.62 0.31 -0.45
GOUDEY____7 23579	30.87 0.24 -0.39	29.04 0.23 0.00	28.46 0.23 0.00	27.41 0.16 0.00	26.16 0.28 0.00	25.93 0.15 -0.52	26.07 0.28 0.00	25.06 0.15 -0.26	25.55 0.25 -0.11	28.45 0.33 -0.23	30.08 0.38 -0.34	31.47 0.46 -0.43	34.72 0.40 -0.63	35.37 0.38 -0.66	37.01 0.43 -0.76	37.45 0.29 -1.17	40.64 0.46 -2.22	41.52 0.53 -3.07	39.81 0.45 -2.01	39.24 0.53 -0.92	36.71 0.46 -0.71	34.21 0.40 -0.54	28.42 0.18 -2.40	31.65 0.34 -0.45
GOUDEY____8 23580	30.84 0.21 -0.39	29.02 0.20 0.00	28.43 0.20 0.00	27.41 0.16 0.00	26.14 0.26 0.00	25.90 0.13 -0.52	26.04 0.26 0.00	25.03 0.12 -0.26	25.53 0.23 -0.11	28.45 0.33 -0.23	30.05 0.35 -0.34	31.41 0.40 -0.43	34.69 0.37 -0.63	35.34 0.34 -0.66	36.98 0.39 -0.76	37.42 0.25 -1.17	40.60 0.42 -2.22	41.48 0.49 -3.07	39.77 0.41 -2.01	39.20 0.49 -0.92	36.68 0.43 -0.71	34.17 0.37 -0.54	28.39 0.16 -2.40	31.62 0.31 -0.45

GOWANUS_GT1_1 24077	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22
GOWANUS_GT1_2 24078	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22
GOWANUS_GT1_3 24079	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22
GOWANUS_GT1_4 24080	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22
GOWANUS_GT1_5 24084	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22
GOWANUS_GT1_6 24111	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22
GOWANUS_GT1_7 24112	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22
GOWANUS_GT1_8 24113	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 																					

GOWANUS_GT2_8 24121	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
GOWANUS_GT3_1 24122	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
GOWANUS_GT3_2 24123	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
GOWANUS_GT3_3 24124	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
GOWANUS_GT3_4 24125	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
GOWANUS_GT3_5 24126	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
GOWANUS_GT3_6 24127	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
GOWANUS_GT3_7 24128	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 																					

GOWANUS_GT4_7 24136	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22
GOWANUS_GT4_8 24137	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22
GREENBSH_115KV_TB3 55895	31.24 1.00 0.00	29.71 0.89 0.00	29.08 0.85 0.00	28.14 0.90 0.00	26.78 0.91 0.00	28.22 0.88 -2.07	26.69 0.90 0.00	26.54 0.84 -1.05	26.90 0.86 -0.85	28.81 0.92 0.00	30.33 0.97 0.00	31.56 0.98 0.00	34.49 1.11 0.30	35.54 1.20 0.00	37.07 1.25 0.00	38.78 1.22 -1.56	44.57 1.33 -5.28	55.59 1.37 -16.31	47.90 1.31 -9.24	39.70 1.28 -0.62	36.79 1.24 0.00	34.39 1.13 0.00	35.85 0.80 -9.21	31.61 0.99 0.24
GREENDGE_115KV_TB5 80291	30.59 0.03 -0.32	28.84 0.03 0.00	28.23 0.00 0.00	27.19 -0.05 0.00	26.01 0.13 0.00	25.61 0.03 -0.32	25.99 0.21 0.00	24.88 0.07 -0.16	25.40 0.15 -0.06	28.33 0.25 -0.19	29.96 0.32 -0.28	31.33 0.40 -0.35	34.47 0.27 -0.52	34.91 0.03 -0.54	36.37 -0.07 -0.62	36.76 -0.11 -0.88	39.62 0.11 -1.55	40.18 0.27 -2.00	38.75 0.04 -1.36	38.75 0.23 -0.73	36.23 0.11 -0.58	34.04 0.33 -0.44	27.42 0.10 -1.48	31.47 0.25 -0.36
GREENIDGE___3 23582	30.59 0.03 -0.32	28.84 0.03 0.00	28.23 0.00 0.00	27.19 -0.05 0.00	26.01 0.13 0.00	25.61 0.03 -0.32	25.99 0.21 0.00	24.88 0.07 -0.16	25.40 0.15 -0.06	28.33 0.25 -0.19	29.96 0.32 -0.28	31.33 0.40 -0.35	34.47 0.27 -0.52	34.91 0.03 -0.54	36.37 -0.07 -0.62	36.76 -0.11 -0.88	39.62 0.11 -1.55	40.18 0.27 -2.00	38.75 0.04 -1.36	38.75 0.23 -0.73	36.23 0.11 -0.58	34.04 0.33 -0.44	27.42 0.10 -1.48	31.47 0.25 -0.36
GREENIDGE___4 23583	30.62 0.06 -0.32	28.81 0.00 0.00	28.32 0.08 0.00	27.19 -0.05 0.00	25.96 0.08 0.00	25.61 0.03 -0.32	25.99 0.21 0.00	24.89 0.07 -0.16	25.41 0.15 -0.06	28.33 0.25 -0.19	29.96 0.32 -0.28	31.33 0.40 -0.35	34.50 0.30 -0.52	34.98 0.10 -0.54	36.33 -0.11 -0.62	36.76 -0.11 -0.88	39.74 0.23 -1.55	40.18 0.27 -2.00	38.75 0.04 -1.36	38.71 0.19 -0.73	36.23 0.11 -0.58	33.87 0.17 -0.44	27.45 0.13 -1.48	31.50 0.28 -0.36
GREENLWN_69_KV_BK 3 55738	42.87 3.57 -9.07	40.25 3.28 -8.16	38.50 3.11 -7.16	36.76 2.83 -6.68	36.08 2.69 -7.52	36.50 2.65 -8.59	37.03 2.76 -8.48	37.76 2.69 -10.42	43.05 2.77 -15.09	42.23 3.15 -11.19	40.67 2.85 -8.46	49.46 3.03 -15.85	56.00 3.60 -18.72	58.68 3.74 -20.60	35.17 4.01 4.66	40.32 3.96 -0.37	35.13 4.21 7.04	37.99 4.25 4.17	33.05 4.26 8.55	29.84 4.08 12.04	29.11 3.80 10.23	40.02 3.49 -3.26	37.80 2.95 -9.02	36.42 3.52 -2.04
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22
GRISSOM___SOLAR 323813	35.17 4.93 0.00	33.36 4.55 0.00	32.58 4.35 0.00	31.41 4.17 0.00	30.07 4.19 0.00	31.55 4.14 -2.15	30.09 4.31 0.00	29.80 4.07 -1.09	30.76 4.23 -1.34	32.26 4.38 0.00	33.55 4.20 0.00	34.90 4.31 0.00	37.99 4.58 0.27	39.39 5.05 0.00	41.26 5.44 0.00	43.44 5.83 -1.62	49.96 6.53 -5.47	70.52 6.71 -25.89	58.44 6.61 -14.48	45.72 6.95 -0.97	41.90 6.36 0.00	39.02 5.76 0.00	39.65 4.21 -9.60	35.52 4.87 0.22
GROVEVILLE___HYD 323602	32.99 2.75 0.00	31.38 2.56 0.00	30.55 2.32 0.00	29.42 2.18 0.00	27.95 2.07 0.00	28.86 1.95 -1.65	27.87 2.09 0.00	27.46 1.97 -0.83	27.57 1.99 -0.39	30.14 2.26 0.00	31.68 2.32 0.00	33.03 2.45 0.00	36.82 2.93 -0.21	37.32 2.99 0.00	38.94 3.12 0.00	40.36 3.13 -1.24	45.57 3.42 -4.20	49.73 3.45 -8.36	44.93 3.32 -4.26	41.10 3.02 -0.29	38.46 2.91 0.00	35.96 2.69 0.00	35.89 2.14 -7.91	33.59 2.56 -0.16
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.92 -0.33 -1.02	28.55 -0.26 0.00	28.04 -0.20 0.00	26.97 -0.27 0.00	25.72 -0.16 0.00	25.25 -0.18 -0.16	25.63 -0.15 0.00	24.59 -0.15 -0.08	25.01 -0.18 0.00	28.35 -0.14 -0.60	30.12 -0.12 -0.88	31.61 -0.09 -1.12	35.19 -0.13 -1.64	35.77 -0.27 -1.71	37.55 -0.25 -1.98	37.93 -0.22 -2.15	40.62 -0.11 -2.77	40.15 -0.08 -2.31	39.25 -0.26 -2.16	39.81 -0.15 -2.17	37.20 -0.18 -1.83	34.47 -0.20 -1.41	26.45 -0.18 -0.79	31.80 -0.22 -1.15
HAMLTNNY_34_KV_TB 80303	31.01 -0.30 -1.07	28.55 -0.26 0.00	28.01 -0.23 0.00	27.00 -0.25 0.00	25.72 -0.16 0.00	25.29 -0.15 -0.18	25.66 -0.13 0.00	24.59 -0.15 -0.09	25.04 -0.15 0.00	28.41 -0.11 -0.63	30.23 -0.06 -0.93	31.73 -0.03 -1.18	35.32 -0.10 -1.74	35.94 -0.21 -1.81	37.70 -0.21 -2.09	38.09 -0.18 -2.28	40.86 -0.04 -2.94	40.36 0.00 -2.44	39.44 -0.19 -2.29	40.01 -0.08 -2.30	37.38 -0.11 -1.94	34.62 -0.13 -1.49	26.54 -0.16 -0.86	31.90 -0.19 -1.22
HAMPSHIRE___PAPER_HYD 323593	30.13 -0.45 -0.34	28.35 -0.46 0.00	27.75 -0.48 0.00	26.76 -0.49 0.00	25.33 -0.54 0.00	24.75 -0.56 -0.04	25.27 -0.52 0.00	24.20 -0.47 -0.02	24.74 -0.45 0.00	27.59 -0.50 -0.20	29.04 -0.62 -0.30	30.26 -0.70 -0.38	33.36 -0.88 -0.55	34.02 -0.89 -0.58	35.52 -0.97 -0.67	35.78 -0.94 -0.72	38.07 -0.80 -0.91	37.97 -0.72 -0.78	37.41 -0.67 -0.73	37.96 -0.57 -0.73	35.52 -0.64 -0.62	33.27 -0.47 -0.48	25.77 -0.28 -0.22	31.07 -0.18 -0.39
HARDSCRABBLE_WT_PWR 323673	29.91 -0.33 0.00	28.50 -0.32 0.00	27.92 -0.31 0.00	26.95 -0.30 0.00	25.59 -0.28 0.00	24.99 -0.28 0.00	25.53 -0.26 0.00	24.38 -0.27 0.00	24.91 -0.28 0.00	27.58 -0.31 0.00	29.03 -0.32 0.00	30.25 -0.34 0.00	33.31 -0.37 0.00	33.96 -0.38 0.00	35.43 -0.39 0.00	35.56 -0.43 0.00	37.62 -0.34 0.00	37.58 -0.34 0.00	36.97 -0.37 0.00	37.38 -0.41 0.00	35.19 -0.36 0.00	32.87 -0.40 0.00	25.50 -0.34 0.00	30.46 -0.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.69 2.45 0.00	31.09 2.28 0.00	30.27 2.03 0.00	29.15 1.91 0.00	27.72 1.84 0.00	28.52 1.74 -1.51	27.64 1.86 0.00	27.19 1.77 -0.77	27.36 1.81 -0.36	29.92 2.04 0.00	31.44 2.08 0.00	32.78 2.20 0.00	36.50 2.59 -0.23	37.01 2.68 0.00	38.61 2.79 0.00	39.90 2.77 -1.14	44.85 3.04 -3.85	48.63 3.03 -7.68	44.12 2.91 -3.86	40.70 2.65 -0.26	38.10 2.56 0.00	35.62 2.36 0.00	35.09 1.94 -7.32	33.33 2.28 -0.18

HARSNRAD_115KV_TB1 81005	28.85 -1.39 0.00	27.66 -1.15 0.00	27.02 -1.21 0.00	26.35 -0.90 0.00	25.18 -0.70 0.00	24.85 -0.66 -0.25	25.14 -0.64 0.00	23.69 -1.08 -0.12	24.15 -1.08 -0.05	26.88 -1.00 0.00	28.48 -0.88 0.00	29.85 -0.73 0.00	32.34 -1.35 0.00	33.10 -1.24 0.00	34.57 -1.25 0.00	34.85 -1.33 -0.19	37.07 -1.52 -0.63	37.42 -1.44 -0.94	36.17 -1.68 -0.51	36.39 -1.44 -0.03	34.19 -1.35 0.00	32.10 -1.16 0.00	26.05 -0.93 -1.14	30.12 -0.74 0.00
HARZA MOOSE__RIVER 24016	30.80 0.27 -0.29	29.04 0.23 0.00	28.43 0.20 0.00	27.41 0.16 0.00	26.06 0.18 0.00	25.45 0.13 -0.06	26.02 0.23 0.00	24.90 0.22 -0.03	25.42 0.23 0.00	28.34 0.28 -0.17	29.84 0.23 -0.25	31.08 0.18 -0.32	34.32 0.17 -0.47	34.93 0.10 -0.49	36.53 0.14 -0.56	36.79 0.18 -0.62	39.27 0.49 -0.82	39.14 0.57 -0.66	38.45 0.49 -0.62	39.05 0.64 -0.62	36.53 0.46 -0.52	34.03 0.37 -0.40	26.34 0.23 -0.27	31.53 0.34 -0.33
HDSNBRDG_115KV_BRDG_TB1 355580	30.21 -0.57 -0.55	28.32 -0.49 0.00	27.84 -0.40 0.00	26.81 -0.44 0.00	25.54 -0.34 0.00	25.06 -0.35 -0.15	25.45 -0.34 0.00	24.41 -0.32 -0.08	24.84 -0.35 0.00	27.85 -0.36 -0.32	29.45 -0.38 -0.48	30.79 -0.40 -0.61	34.07 -0.51 -0.89	34.68 -0.58 -0.93	36.32 -0.57 -1.07	36.67 -0.54 -1.21	39.13 -0.49 -1.66	38.72 -0.46 -1.26	37.92 -0.60 -1.17	38.44 -0.53 -1.18	36.04 -0.50 -0.99	33.53 -0.50 -0.76	26.14 -0.41 -0.72	30.99 -0.49 -0.63
HELLGATE_13_KV_LD 55870	33.48 3.24 -0.01	31.82 3.00 -0.01	30.98 2.74 -0.01	29.76 2.51 -0.01	28.27 2.38 -0.01	29.26 2.35 -1.65	28.23 2.45 0.00	27.82 2.34 -0.83	27.92 2.34 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.40 3.44 -0.28	37.92 3.57 -0.01	39.52 3.69 -0.01	40.75 3.53 -1.24	45.86 3.72 -4.18	49.89 3.56 -8.41	45.06 3.51 -4.20	41.40 3.33 -0.28	38.88 3.34 0.00	36.46 3.19 -0.01	36.44 2.64 -7.97	34.17 3.09 -0.22
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.48 3.24 -0.01	31.82 3.00 -0.01	30.98 2.74 -0.01	29.76 2.51 -0.01	28.27 2.38 -0.01	29.26 2.35 -1.65	28.23 2.45 0.00	27.82 2.34 -0.83	27.92 2.34 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.40 3.44 -0.28	37.92 3.57 -0.01	39.52 3.69 -0.01	40.75 3.53 -1.24	45.86 3.72 -4.18	49.89 3.56 -8.41	45.06 3.51 -4.20	41.40 3.33 -0.28	38.88 3.34 0.00	36.46 3.19 -0.01	36.44 2.64 -7.97	34.17 3.09 -0.22
HEMPSTEAD____ 23647	43.20 3.20 -9.76	40.00 3.02 -8.16	38.88 2.77 -7.88	36.55 2.62 -6.69	35.90 2.51 -7.52	36.30 2.45 -8.59	36.85 2.58 -8.48	37.56 2.49 -10.42	42.83 2.54 -15.10	41.93 2.85 -11.19	41.86 2.91 -9.59	49.47 3.03 -15.86	55.81 3.40 -18.73	58.46 3.50 -20.62	46.93 3.69 -7.42	57.48 3.63 -17.85	51.04 3.91 -9.17	51.96 3.87 -10.17	46.64 3.81 -5.48	42.94 3.63 -1.52	40.87 3.45 -1.88	42.05 3.23 -5.56	39.00 2.61 -10.56	37.33 3.15 -3.32
HEWLETT__69_KV_BK3 55828	43.52 3.57 -9.72	40.29 3.31 -8.16	39.14 3.08 -7.83	36.82 2.89 -6.69	36.14 2.74 -7.52	36.53 2.68 -8.59	37.08 2.81 -8.48	37.79 2.71 -10.42	42.98 2.70 -15.10	42.15 3.07 -11.19	42.15 3.20 -9.59	49.87 3.43 -15.86	56.29 3.87 -18.73	58.97 4.02 -20.62	46.68 4.16 -6.71	57.86 4.10 -17.76	50.54 4.37 -8.22	51.57 4.32 -9.33	46.30 4.29 -4.65	42.63 4.12 -0.72	40.51 3.80 -1.17	42.41 3.59 -5.56	39.34 2.95 -10.56	37.53 3.43 -3.24
HICKLING__1 23621	30.64 0.09 -0.32	28.90 0.09 0.00	28.29 0.06 0.00	27.22 -0.03 0.00	26.06 0.18 0.00	25.62 -0.05 -0.40	25.99 0.21 0.00	24.81 -0.05 -0.20	25.45 0.18 -0.08	28.38 0.31 -0.19	30.01 0.38 -0.27	31.42 0.49 -0.35	34.53 0.34 -0.51	35.14 0.27 -0.53	36.76 0.32 -0.62	37.00 0.07 -0.94	40.02 0.30 -1.76	40.76 0.46 -2.39	39.25 0.34 -1.57	39.02 0.49 -0.74	36.50 0.39 -0.57	34.07 0.37 -0.44	27.72 0.00 -1.88	31.50 0.28 -0.36
HICKLING__2 23622	30.64 0.09 -0.32	28.90 0.09 0.00	28.29 0.06 0.00	27.22 -0.03 0.00	26.06 0.18 0.00	25.62 -0.05 -0.40	25.99 0.21 0.00	24.81 -0.05 -0.20	25.45 0.18 -0.08	28.38 0.31 -0.19	30.01 0.38 -0.27	31.42 0.49 -0.35	34.53 0.34 -0.51	35.14 0.27 -0.53	36.76 0.32 -0.62	37.00 0.07 -0.94	40.02 0.30 -1.76	40.76 0.46 -2.39	39.25 0.34 -1.57	39.02 0.49 -0.74	36.50 0.39 -0.57	34.07 0.37 -0.44	27.72 0.00 -1.88	31.50 0.28 -0.36
HIGH FALLS__HY 23754	32.84 2.60 0.00	31.21 2.39 0.00	30.38 2.15 0.00	29.23 1.99 0.00	27.77 1.89 0.00	28.60 1.72 -1.62	27.67 1.88 0.00	27.24 1.77 -0.82	27.35 1.74 -0.42	29.84 1.95 0.00	31.29 1.94 0.00	32.60 2.02 0.00	36.29 2.49 -0.11	36.88 2.54 0.00	38.51 2.69 0.00	39.98 2.77 -1.22	45.27 3.19 -4.12	49.93 3.26 -8.75	45.07 3.14 -4.59	40.82 2.72 -0.31	38.21 2.67 0.00	35.72 2.46 0.00	35.50 2.02 -7.65	33.39 2.44 -0.09
HILLBURN__GT 23639	32.69 2.45 0.00	31.12 2.31 0.00	30.29 2.06 0.00	29.18 1.93 0.00	27.74 1.86 0.00	28.60 1.79 -1.54	27.69 1.91 0.00	27.30 1.87 -0.78	27.47 1.91 -0.36	30.03 2.15 0.00	31.56 2.20 0.00	32.88 2.29 0.00	36.58 2.66 -0.24	37.05 2.71 0.00	38.69 2.87 0.00	39.99 2.84 -1.16	44.96 3.07 -3.92	48.79 3.03 -7.83	44.19 2.91 -3.93	40.74 2.68 -0.26	38.17 2.63 0.00	35.69 2.43 0.00	35.26 1.96 -7.46	33.37 2.32 -0.19
HILLSIDE_115KV_TB1 80332	30.26 -0.30 -0.33	28.50 -0.32 0.00	27.92 -0.31 0.00	26.89 -0.35 0.00	25.70 -0.18 0.00	25.30 -0.38 -0.42	25.63 -0.15 0.00	24.47 -0.39 -0.21	25.13 -0.15 -0.09	28.00 -0.08 -0.19	29.61 -0.03 -0.28	31.00 0.06 -0.36	34.08 -0.13 -0.53	34.72 -0.17 -0.55	36.32 -0.14 -0.64	36.53 -0.43 -0.97	39.52 -0.27 -1.82	40.24 -0.15 -2.48	38.79 -0.19 -1.63	38.48 -0.08 -0.76	35.99 -0.14 -0.59	33.59 -0.13 -0.46	27.42 -0.36 -1.95	31.08 -0.15 -0.37
HISHELDN_WT_PWR 323625	29.60 -0.64 0.00	28.15 -0.66 0.00	27.81 -0.42 0.00	26.67 -0.57 0.00	25.49 -0.39 0.00	25.10 -0.45 -0.29	25.50 -0.28 0.00	24.06 -0.74 -0.15	24.69 -0.55 -0.06	27.47 -0.42 0.00	29.03 -0.32 0.00	30.40 -0.18 0.00	33.11 -0.57 0.00	33.79 -0.55 0.00	35.21 -0.61 0.00	35.38 -0.83 -0.22	38.02 -0.68 -0.74	38.31 -0.76 -1.15	37.14 -0.82 -0.62	37.19 -0.64 -0.04	34.94 -0.60 0.00	32.33 -0.93 0.00	26.62 -0.57 -1.35	30.61 -0.25 0.00
HOLTSVILLE_IC_1 23690	48.17 3.87 -14.06	40.73 3.74 -8.17	44.00 3.44 -12.32	37.18 3.24 -6.69	36.47 3.08 -7.52	36.88 3.03 -8.59	37.44 3.17 -8.48	38.10 3.03 -10.42	43.42 3.12 -15.10	42.63 3.54 -11.20	48.23 3.37 -15.49	49.93 3.49 -15.87	56.27 3.80 -18.79	58.92 3.91 -20.67	123.01 4.12 -83.07	138.01 4.07 -97.95	153.02 4.36 -110.69	142.32 4.40 -100.01	135.11 4.40 -93.36	128.44 4.23 -86.42	117.26 3.98 -77.74	54.53 3.72 -17.54	47.63 3.20 -18.60	46.00 3.89 -11.25
HOLTSVILLE_IC_10 23699	48.82 4.17 -14.41	40.99 4.00 -8.17	44.61 3.70 -12.68	37.40 3.46 -6.70	36.68 3.29 -7.52	37.09 3.23 -8.59	37.65 3.38 -8.48	38.33 3.25 -10.42	43.67 3.38 -15.11	42.91 3.82 -11.21	48.90 3.67 -15.88	50.24 3.79 -15.87	56.65 4.18 -18.79	59.31 4.29 -20.68	129.43 4.51 -89.09	144.59 4.46 -104.13	161.52 4.78 -118.78	127.84 4.82 -85.11	120.43 4.78 -78.30	135.61 4.65 -93.18	123.69 4.37 -83.78	55.64 4.06 -18.32	48.42 3.46 -19.12	46.94 4.20 -11.88

HOLTSVILLE_IC_2 23691	48.17 3.87 -14.06	40.73 3.74 -8.17	44.00 3.44 -12.32	37.18 3.24 -6.69	36.47 3.08 -7.52	36.88 3.03 -8.59	37.44 3.17 -8.48	38.10 3.03 -10.42	43.42 3.12 -15.10	42.63 3.54 -11.20	48.23 3.37 -15.49	49.93 3.49 -15.87	56.27 3.80 -18.79	58.92 3.91 -20.67	123.01 4.12 -83.07	138.01 4.07 -97.95	153.02 4.36 -110.69	142.32 4.40 -100.01	135.11 4.40 -93.36	128.44 4.23 -86.42	117.26 3.98 -77.74	54.53 3.72 -17.54	47.63 3.20 -18.60	46.00 3.89 -11.25
HOLTSVILLE_IC_3 23692	48.17 3.87 -14.06	40.73 3.74 -8.17	44.00 3.44 -12.32	37.18 3.24 -6.69	36.47 3.08 -7.52	36.88 3.03 -8.59	37.44 3.17 -8.48	38.10 3.03 -10.42	43.42 3.12 -15.10	42.63 3.54 -11.20	48.23 3.37 -15.49	49.93 3.49 -15.87	56.27 3.80 -18.79	58.92 3.91 -20.67	123.01 4.12 -83.07	138.01 4.07 -97.95	153.02 4.36 -110.69	142.32 4.40 -100.01	135.11 4.40 -93.36	128.44 4.23 -86.42	117.26 3.98 -77.74	54.53 3.72 -17.54	47.63 3.20 -18.60	46.00 3.89 -11.25
HOLTSVILLE_IC_4 23693	48.17 3.87 -14.06	40.73 3.74 -8.17	44.00 3.44 -12.32	37.18 3.24 -6.69	36.47 3.08 -7.52	36.88 3.03 -8.59	37.44 3.17 -8.48	38.10 3.03 -10.42	43.42 3.12 -15.10	42.63 3.54 -11.20	48.23 3.37 -15.49	49.93 3.49 -15.87	56.27 3.80 -18.79	58.92 3.91 -20.67	123.01 4.12 -83.07	138.01 4.07 -97.95	153.02 4.36 -110.69	142.32 4.40 -100.01	135.11 4.40 -93.36	128.44 4.23 -86.42	117.26 3.98 -77.74	54.53 3.72 -17.54	47.63 3.20 -18.60	46.00 3.89 -11.25
HOLTSVILLE_IC_5 23694	48.17 3.87 -14.06	40.73 3.74 -8.17	44.00 3.44 -12.32	37.18 3.24 -6.69	36.47 3.08 -7.52	36.88 3.03 -8.59	37.44 3.17 -8.48	38.10 3.03 -10.42	43.42 3.12 -15.10	42.63 3.54 -11.20	48.23 3.37 -15.49	49.93 3.49 -15.87	56.27 3.80 -18.79	58.92 3.91 -20.67	123.01 4.12 -83.07	138.01 4.07 -97.95	153.02 4.36 -110.69	142.32 4.40 -100.01	135.11 4.40 -93.36	128.44 4.23 -86.42	117.26 3.98 -77.74	54.53 3.72 -17.54	47.63 3.20 -18.60	46.00 3.89 -11.25
HOLTSVILLE_IC_6 23695	48.82 4.17 -14.41	40.99 4.00 -8.17	44.61 3.70 -12.68	37.40 3.46 -6.70	36.68 3.29 -7.52	37.09 3.23 -8.59	37.65 3.38 -8.48	38.33 3.25 -10.42	43.67 3.38 -15.11	42.91 3.82 -11.21	48.90 3.67 -15.88	50.24 3.79 -15.87	56.65 4.18 -18.79	59.31 4.29 -20.68	129.43 4.51 -89.09	144.59 4.46 -104.13	161.52 4.78 -118.78	127.84 4.82 -85.11	120.43 4.78 -78.30	135.61 4.65 -93.18	123.69 4.37 -83.78	55.64 4.06 -18.32	48.42 3.46 -19.12	46.94 4.20 -11.88
HOLTSVILLE_IC_7 23696	48.82 4.17 -14.41	40.99 4.00 -8.17	44.61 3.70 -12.68	37.40 3.46 -6.70	36.68 3.29 -7.52	37.09 3.23 -8.59	37.65 3.38 -8.48	38.33 3.25 -10.42	43.67 3.38 -15.11	42.91 3.82 -11.21	48.90 3.67 -15.88	50.24 3.79 -15.87	56.65 4.18 -18.79	59.31 4.29 -20.68	129.43 4.51 -89.09	144.59 4.46 -104.13	161.52 4.78 -118.78	127.84 4.82 -85.11	120.43 4.78 -78.30	135.61 4.65 -93.18	123.69 4.37 -83.78	55.64 4.06 -18.32	48.42 3.46 -19.12	46.94 4.20 -11.88
HOLTSVILLE_IC_8 23697	48.82 4.17 -14.41	40.99 4.00 -8.17	44.61 3.70 -12.68	37.40 3.46 -6.70	36.68 3.29 -7.52	37.09 3.23 -8.59	37.65 3.38 -8.48	38.33 3.25 -10.42	43.67 3.38 -15.11	42.91 3.82 -11.21	48.90 3.67 -15.88	50.24 3.79 -15.87	56.65 4.18 -18.79	59.31 4.29 -20.68	129.43 4.51 -89.09	144.59 4.46 -104.13	161.52 4.78 -118.78	127.84 4.82 -85.11	120.43 4.78 -78.30	135.61 4.65 -93.18	123.69 4.37 -83.78	55.64 4.06 -18.32	48.42 3.46 -19.12	46.94 4.20 -11.88
HOLTSVILLE_IC_9 23698	48.82 4.17 -14.41	40.99 4.00 -8.17	44.61 3.70 -12.68	37.40 3.46 -6.70	36.68 3.29 -7.52	37.09 3.23 -8.59	37.65 3.38 -8.48	38.33 3.25 -10.42	43.67 3.38 -15.11	42.91 3.82 -11.21	48.90 3.67 -15.88	50.24 3.79 -15.87	56.65 4.18 -18.79	59.31 4.29 -20.68	129.43 4.51 -89.09	144.59 4.46 -104.13	161.52 4.78 -118.78	127.84 4.82 -85.11	120.43 4.78 -78.30	135.61 4.65 -93.18	123.69 4.37 -83.78	55.64 4.06 -18.32	48.42 3.46 -19.12	46.94 4.20 -11.88
HOMER_HL_115KV_TB2 355744	29.66 -0.57 0.00	28.27 -0.55 0.00	27.64 -0.59 0.00	26.65 -0.60 0.00	25.52 -0.36 0.00	24.43 -1.14 -0.31	25.53 -0.26 0.00	23.67 -1.13 -0.15	25.02 -0.23 -0.06	27.80 -0.08 0.00	29.36 0.00 0.00	30.74 0.15 0.00	33.41 -0.27 0.00	34.13 -0.21 0.00	35.64 -0.18 0.00	34.82 -1.40 -0.23	37.37 -1.37 -0.78	38.07 -1.06 -1.22	37.63 -0.37 -0.65	37.61 -0.23 -0.04	35.26 -0.28 0.00	32.96 -0.30 0.00	26.09 -1.16 -1.42	30.55 -0.31 0.00
HOWARD_WT_PWR 323690	30.86 0.39 -0.23	29.10 0.29 0.00	28.66 0.42 0.00	27.46 0.22 0.00	26.29 0.41 0.00	25.80 0.20 -0.34	26.33 0.54 0.00	24.99 0.17 -0.17	25.69 0.43 -0.07	28.63 0.61 -0.13	30.29 0.73 -0.20	31.72 0.89 -0.25	34.72 0.67 -0.37	35.30 0.58 -0.38	36.83 0.57 -0.44	37.06 0.36 -0.71	40.06 0.72 -1.39	40.55 0.76 -1.88	39.24 0.67 -1.22	39.20 0.87 -0.53	36.70 0.75 -0.41	33.88 0.30 -0.31	27.69 0.28 -1.57	31.83 0.71 -0.26
HQ_GEN_CEDARS 23644	29.94 -0.30 0.00	28.53 -0.29 0.00	27.95 -0.28 0.00	26.97 -0.27 0.00	25.44 -0.44 0.00	24.83 -0.43 0.00	25.32 -0.46 0.00	24.26 -0.39 0.00	24.84 -0.35 0.00	27.47 -0.42 0.00	28.89 -0.47 0.00	30.09 -0.49 0.00	33.14 -0.54 0.00	33.82 -0.52 0.00	35.25 -0.57 0.00	35.42 -0.58 0.00	37.28 -0.68 0.00	37.20 -0.72 0.00	36.79 -0.56 0.00	37.30 -0.49 0.00	35.01 -0.53 0.00	32.86 -0.40 0.00	25.58 -0.26 0.00	30.62 -0.25 0.00
HQ_GEN_CEDARS_PROXY 323590	29.94 -0.30 0.00	28.50 -0.32 0.00	27.92 -0.31 0.00	26.97 -0.27 0.00	25.44 -0.44 0.00	24.83 -0.43 0.00	25.32 -0.46 0.00	24.25 -0.40 0.00	24.84 -0.35 0.00	27.47 -0.42 0.00	28.89 -0.47 0.00	30.09 -0.49 0.00	33.14 -0.54 0.00	33.82 -0.51 0.00	35.28 -0.54 0.00	35.41 -0.58 0.00	37.24 -0.72 0.00	37.20 -0.72 0.00	36.79 -0.56 0.00	37.30 -0.49 0.00	35.01 -0.53 0.00	32.90 -0.37 0.00	25.58 -0.26 0.00	30.61 -0.25 0.00
HQ_GEN_IMPORT 323601	29.94 -0.30 0.00	28.53 -0.29 0.00	27.95 -0.28 0.00	26.97 -0.27 0.00	25.54 -0.34 0.00	24.93 -0.33 0.00	25.45 -0.34 0.00	24.36 -0.29 0.00	24.89 -0.30 0.00	27.55 -0.33 0.00	28.97 -0.38 0.00	30.22 -0.37 0.00	33.28 -0.40 0.00	33.93 -0.41 0.00	35.39 -0.43 0.00	35.56 -0.43 0.00	37.35 -0.61 0.00	37.35 -0.57 0.00	36.90 -0.45 0.00	37.34 -0.45 0.00	35.12 -0.42 0.00	32.90 -0.37 0.00	25.55 -0.28 0.00	30.52 -0.34 0.00
HQ_GEN_WHEEL 23651	29.94 -0.30 0.00	28.53 -0.29 0.00	27.95 -0.28 0.00	26.97 -0.27 0.00	25.54 -0.34 0.00	24.93 -0.33 0.00	25.45 -0.34 0.00	24.36 -0.29 0.00	24.89 -0.30 0.00	27.55 -0.33 0.00	28.97 -0.38 0.00	30.22 -0.37 0.00	33.28 -0.40 0.00	33.93 -0.41 0.00	35.39 -0.43 0.00	35.56 -0.43 0.00	37.35 -0.61 0.00	37.35 -0.57 0.00	36.90 -0.45 0.00	37.34 -0.45 0.00	35.12 -0.42 0.00	32.90 -0.37 0.00	25.55 -0.28 0.00	30.52 -0.34 0.00
HUDSON_AVE_GT_3 23810	33.41 3.17 0.00	31.75 2.94 0.00	30.91 2.68 0.00	29.72 2.48 0.00	28.23 2.35 0.00	29.20 2.30 -1.64	28.21 2.42 0.00	27.82 2.34 -0.83	30.62 2.39 -0.39	32.20 2.73 0.00	33.61 3.03 0.00	37.39 3.44 -0.27	37.91 3.57 0.00	39.47 3.65 0.00	40.79 3.56 -1.24	45.93 3.80 -4.18	50.04 3.72 -8.41	45.17 3.62 -4.20	41.47 3.40 -0.28	38.88 3.34 0.00	36.42 3.16 0.00	36.41 2.61 -7.96	34.13 3.06 -0.21	

HUDSON AVE_GT_4 23540	33.41 3.17 0.00	31.75 2.94 0.00	30.91 2.68 0.00	29.72 2.48 0.00	28.23 2.35 0.00	29.20 2.30 -1.64	28.21 2.42 0.00	27.82 2.34 -0.83	27.97 2.39 -0.39	30.62 2.73 0.00	32.20 2.85 0.00	33.61 3.03 0.00	37.39 3.44 -0.27	37.91 3.57 0.00	39.47 3.65 0.00	40.79 3.56 -1.24	45.93 3.80 -4.18	50.04 3.72 -8.41	45.17 3.62 -4.20	41.47 3.40 -0.28	38.88 3.34 0.00	36.42 3.16 0.00	36.41 2.61 -7.96	34.13 3.06 -0.21
HUDSON AVE_GT_5 23657	33.41 3.17 0.00	31.75 2.94 0.00	30.91 2.68 0.00	29.72 2.48 0.00	28.23 2.35 0.00	29.20 2.30 -1.64	28.21 2.42 0.00	27.82 2.34 -0.83	27.97 2.39 -0.39	30.62 2.73 0.00	32.20 2.85 0.00	33.61 3.03 0.00	37.39 3.44 -0.27	37.91 3.57 0.00	39.47 3.65 0.00	40.79 3.56 -1.24	45.93 3.80 -4.18	50.04 3.72 -8.41	45.17 3.62 -4.20	41.47 3.40 -0.28	38.88 3.34 0.00	36.42 3.16 0.00	36.41 2.61 -7.96	34.13 3.06 -0.21
HUDSON_AVE_10 24168	33.38 3.14 0.00	31.72 2.91 0.00	30.89 2.65 0.00	29.67 2.42 0.00	28.18 2.30 0.00	29.15 2.25 -1.64	28.16 2.37 0.00	27.82 2.34 -0.83	27.97 2.39 -0.39	30.59 2.70 0.00	32.15 2.79 0.00	33.55 2.97 0.00	37.32 3.37 -0.27	37.84 3.50 0.00	39.40 3.58 0.00	40.72 3.49 -1.24	45.86 3.72 -4.18	49.97 3.64 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.81 3.27 0.00	36.36 3.09 0.00	36.38 2.58 -7.96	34.10 3.02 -0.21
HUDSON___115KV_TB 4 355613	31.81 1.57 0.00	30.25 1.44 0.00	29.53 1.30 0.00	28.69 1.44 0.00	27.33 1.45 0.00	28.54 1.26 -2.02	27.18 1.39 0.00	26.88 1.21 -1.02	27.18 1.23 -0.75	29.22 1.34 0.00	30.77 1.41 0.00	31.99 1.41 0.00	35.28 1.82 0.22	36.09 1.75 0.00	37.65 1.83 0.00	39.35 1.84 -1.52	45.18 2.09 -5.14	54.71 2.24 -14.55	47.68 2.17 -8.17	40.42 2.08 -0.55	37.57 2.03 0.00	35.09 1.83 0.00	36.11 1.21 -9.06	32.36 1.67 0.17
HUNTER MOUNT___DRP 323613	31.99 1.75 0.00	30.40 1.58 0.00	29.67 1.44 0.00	28.80 1.55 0.00	27.46 1.58 0.00	28.48 1.26 -1.95	27.25 1.47 0.00	26.82 1.18 -0.99	27.03 1.16 -0.68	29.20 1.31 0.00	30.77 1.41 0.00	32.02 1.44 0.00	35.56 2.02 0.15	36.12 1.79 0.00	37.68 1.86 0.00	39.30 1.84 -1.47	45.10 2.16 -4.97	53.56 2.35 -13.30	47.06 2.32 -7.40	40.40 2.12 -0.50	37.67 2.13 0.00	35.19 1.93 0.00	35.88 1.19 -8.86	32.57 1.82 0.12
HUNTINGTON_RES_REC 323705	40.84 3.84 -6.77	40.56 3.60 -8.15	36.37 3.36 -4.78	37.02 3.10 -6.67	36.34 2.95 -7.52	36.76 2.90 -8.59	37.31 3.04 -8.48	38.01 2.93 -10.42	43.32 3.05 -15.08	42.55 3.49 -11.18	52.26 3.20 -19.70	49.84 3.36 -15.90	56.44 3.87 -18.89	59.09 3.98 -20.78	245.04 4.30 -204.92	266.06 4.24 -225.82	316.73 4.55 -274.22	283.14 4.59 -240.64	272.73 4.55 -230.83	265.33 4.38 -223.16	239.56 4.09 -199.93	63.27 3.76 -26.25	53.47 3.18 -24.46	58.76 3.86 -24.04
HUNTLEY___63 23557	29.24 -1.00 0.00	27.95 -0.86 0.00	27.30 -0.93 0.00	26.43 -0.82 0.00	25.41 -0.47 0.00	25.04 -0.48 -0.26	25.27 -0.52 0.00	23.82 -0.96 -0.13	24.33 -0.91 -0.05	27.11 -0.78 0.00	28.71 -0.65 0.00	30.06 -0.52 0.00	32.60 -1.08 0.00	33.37 -0.96 0.00	34.85 -0.97 0.00	35.07 -1.12 -0.19	37.32 -1.29 -0.65	37.69 -1.21 -0.98	36.49 -1.38 -0.53	36.66 -1.17 -0.04	34.44 -1.10 0.00	32.33 -0.93 0.00	26.19 -0.83 -1.18	30.31 -0.56 0.00
HUNTLEY___64 23558	29.24 -1.00 0.00	27.95 -0.86 0.00	27.30 -0.93 0.00	26.43 -0.82 0.00	25.41 -0.47 0.00	25.04 -0.48 -0.26	25.27 -0.52 0.00	23.82 -0.96 -0.13	24.33 -0.91 -0.05	27.11 -0.78 0.00	28.71 -0.65 0.00	30.06 -0.52 0.00	32.60 -1.08 0.00	33.37 -0.96 0.00	34.85 -0.97 0.00	35.07 -1.12 -0.19	37.32 -1.29 -0.65	37.69 -1.21 -0.98	36.49 -1.38 -0.53	36.66 -1.17 -0.04	34.44 -1.10 0.00	32.33 -0.93 0.00	26.19 -0.83 -1.18	30.31 -0.56 0.00
HUNTLEY___65 23559	29.24 -1.00 0.00	27.95 -0.86 0.00	27.30 -0.93 0.00	26.43 -0.82 0.00	25.41 -0.47 0.00	25.04 -0.48 -0.26	25.27 -0.52 0.00	23.82 -0.96 -0.13	24.33 -0.91 -0.05	27.11 -0.78 0.00	28.71 -0.65 0.00	30.06 -0.52 0.00	32.60 -1.08 0.00	33.37 -0.96 0.00	34.85 -0.97 0.00	35.07 -1.12 -0.19	37.32 -1.29 -0.65	37.69 -1.21 -0.98	36.49 -1.38 -0.53	36.66 -1.17 -0.04	34.44 -1.10 0.00	32.33 -0.93 0.00	26.19 -0.83 -1.18	30.31 -0.56 0.00
HUNTLEY___66 23560	29.24 -1.00 0.00	27.95 -0.86 0.00	27.30 -0.93 0.00	26.43 -0.82 0.00	25.41 -0.47 0.00	25.04 -0.48 -0.26	25.27 -0.52 0.00	23.82 -0.96 -0.13	24.33 -0.91 -0.05	27.11 -0.78 0.00	28.71 -0.65 0.00	30.06 -0.52 0.00	32.60 -1.08 0.00	33.37 -0.96 0.00	34.85 -0.97 0.00	35.07 -1.12 -0.19	37.32 -1.29 -0.65	37.69 -1.21 -0.98	36.49 -1.38 -0.53	36.66 -1.17 -0.04	34.44 -1.10 0.00	32.33 -0.93 0.00	26.19 -0.83 -1.18	30.31 -0.56 0.00
HUNTLEY___67 23561	29.21 -1.03 0.00	27.89 -0.92 0.00	27.24 -0.99 0.00	26.35 -0.90 0.00	25.26 -0.62 0.00	24.89 -0.63 -0.26	25.19 -0.59 0.00	23.75 -1.04 -0.13	24.26 -0.98 -0.05	27.02 -0.86 0.00	28.59 -0.76 0.00	29.94 -0.64 0.00	32.50 -1.18 0.00	33.24 -1.10 0.00	34.75 -1.07 0.00	34.93 -1.26 -0.20	37.18 -1.44 -0.66	37.60 -1.33 -1.01	36.39 -1.49 -0.54	36.54 -1.28 -0.04	34.33 -1.21 0.00	32.20 -1.06 0.00	26.14 -0.90 -1.21	30.21 -0.65 0.00
HUNTLEY___68 23562	29.21 -1.03 0.00	27.89 -0.92 0.00	27.24 -0.99 0.00	26.35 -0.90 0.00	25.26 -0.62 0.00	24.89 -0.63 -0.26	25.19 -0.59 0.00	23.75 -1.04 -0.13	24.26 -0.98 -0.05	27.02 -0.86 0.00	28.59 -0.76 0.00	29.94 -0.64 0.00	32.50 -1.18 0.00	33.24 -1.10 0.00	34.75 -1.07 0.00	34.93 -1.26 -0.20	37.18 -1.44 -0.66	37.60 -1.33 -1.01	36.39 -1.49 -0.54	36.54 -1.28 -0.04	34.33 -1.21 0.00	32.20 -1.06 0.00	26.14 -0.90 -1.21	30.21 -0.65 0.00
HYLAND___LFGE 323620	30.90 0.66 0.00	29.33 0.52 0.00	28.91 0.68 0.00	27.82 0.57 0.00	26.55 0.67 0.00	26.23 0.68 -0.28	26.66 0.88 0.00	25.46 0.67 -0.14	25.87 0.63 -0.05	28.47 0.59 0.00	29.94 0.59 0.00	31.23 0.64 0.00	34.15 0.47 0.00	34.75 0.41 0.00	36.28 0.46 0.00	36.78 0.57 -0.21	39.89 1.21 -0.71	40.46 1.44 -1.10	39.13 1.19 -0.59	39.68 1.85 -0.04	37.21 1.67 0.00	34.56 1.30 0.00	28.06 0.93 -1.30	32.13 1.27 0.00
INDECK___CORINTH 23802	32.14 1.91 0.00	30.51 1.70 0.00	29.76 1.52 0.00	28.74 1.50 0.00	27.48 1.60 0.00	28.91 1.52 -2.13	27.44 1.65 0.00	27.33 1.60 -1.08	28.22 1.76 -1.27	29.75 1.87 0.00	31.38 2.02 0.00	32.63 2.05 0.00	35.20 1.85 0.33	36.26 1.92 0.00	37.90 2.08 0.00	39.69 2.09 -1.61	45.33 1.93 -5.43	64.37 2.05 -24.40	53.02 1.94 -13.73	40.79 2.08 -0.92	37.46 1.92 0.00	35.26 2.00 0.00	36.92 1.63 -9.45	32.42 1.82 0.26
INDECK___ILION 23567	30.15 -0.09 0.00	28.73 -0.09 0.00	28.15 -0.08 0.00	27.16 -0.08 0.00	25.80 -0.08 0.00	25.19 -0.08 0.00	25.73 -0.05 0.00	24.58 -0.07 0.00	25.11 -0.08 0.00	27.80 -0.08 0.00	29.27 -0.09 0.00	30.49 -0.09 0.00	33.58 -0.10 0.00	34.23 -0.10 0.00	35.71 -0.11 0.00	35.88 -0.11 0.00	37.92 -0.04 0.00	37.88 -0.04 0.00	37.27 -0.07 0.00	37.72 -0.08 0.00	35.47 -0.07 0.00	33.16 -0.10 0.00	25.73 -0.10 0.00	30.74 -0.12 0.00

INDECK___OLEAN 23982	29.66 -0.58 0.00	28.21 -0.61 0.00	27.75 -0.48 0.00	26.65 -0.60 0.00	25.49 -0.39 0.00	24.43 -1.14 -0.31	25.53 -0.26 0.00	23.67 -1.13 -0.15	25.02 -0.23 -0.06	27.80 -0.08 0.00	29.36 0.00 0.00	30.74 0.15 0.00	33.48 -0.20 0.00	34.13 -0.20 0.00	35.57 -0.25 0.00	34.82 -1.40 -0.23	37.56 -1.18 -0.78	38.08 -1.06 -1.22	37.63 -0.37 -0.65	37.61 -0.23 -0.04	35.26 -0.29 0.00	31.73 -1.53 0.00	26.17 -1.08 -1.42	30.61 -0.25 0.00
INDECK___OSWEGO 23783	31.86 -0.82 -2.44	28.06 -0.75 0.00	27.55 -0.68 0.00	26.54 -0.71 0.00	25.26 -0.62 0.00	24.78 -0.61 -0.13	25.19 -0.59 0.00	24.12 -0.59 -0.06	24.56 -0.63 0.00	28.66 -0.67 -1.44	30.80 -0.67 -2.12	32.57 -0.70 -2.69	36.82 -0.81 -3.95	37.59 -0.86 -4.11	39.35 -1.22 -4.75	39.74 -1.22 -4.97	42.76 -1.18 -5.98	42.26 -1.18 -5.52	41.27 -1.27 -5.19	41.80 -1.21 -5.22	38.81 -1.14 -4.41	35.82 -0.83 -3.39	25.85 -0.64 -0.66	32.87 -0.77 -2.77
INDECK___YERKES 23781	29.33 -0.91 0.00	27.89 -0.92 0.00	27.58 -0.65 0.00	26.45 -0.79 0.00	25.28 -0.59 0.00	25.06 -0.45 -0.26	25.29 -0.49 0.00	23.84 -0.94 -0.13	24.36 -0.88 -0.05	27.13 -0.75 0.00	28.74 -0.62 0.00	30.09 -0.49 0.00	32.70 -0.98 0.00	33.41 -0.93 0.00	34.82 -1.00 0.00	35.11 -1.08 -0.19	37.59 -1.02 -0.65	37.73 -1.18 -0.98	36.53 -1.34 -0.53	36.69 -1.13 -0.04	34.51 -1.03 0.00	32.10 -1.17 0.00	26.30 -0.72 -1.18	30.40 -0.46 0.00
INDIAN POINT_GT_1 24139	32.90 2.66 0.00	31.26 2.45 0.00	30.46 2.23 0.00	29.32 2.07 0.00	27.82 1.94 0.00	28.80 1.92 -1.62	27.82 2.04 0.00	27.47 2.00 -0.82	27.61 2.04 -0.38	30.17 2.29 0.00	31.71 2.35 0.00	33.06 2.48 0.00	36.78 2.83 -0.27	37.29 2.95 0.00	38.90 3.08 0.00	40.27 3.06 -1.22	45.35 3.26 -4.12	49.43 3.22 -8.29	44.59 3.10 -4.14	40.98 2.91 -0.28	38.35 2.81 0.00	35.89 2.63 0.00	35.84 2.14 -7.86	33.57 2.50 -0.21
INDIAN POINT_GT_2 23659	32.90 2.66 0.00	31.26 2.45 0.00	30.46 2.23 0.00	29.32 2.07 0.00	27.82 1.94 0.00	28.80 1.92 -1.62	27.82 2.04 0.00	27.47 2.00 -0.82	27.61 2.04 -0.38	30.17 2.29 0.00	31.71 2.35 0.00	33.06 2.48 0.00	36.78 2.83 -0.27	37.29 2.95 0.00	38.90 3.08 0.00	40.27 3.06 -1.22	45.35 3.26 -4.12	49.43 3.22 -8.29	44.59 3.10 -4.14	40.98 2.91 -0.28	38.35 2.81 0.00	35.89 2.63 0.00	35.84 2.14 -7.86	33.57 2.50 -0.21
INDIAN POINT_GT_3 24019	32.90 2.66 0.00	31.26 2.45 0.00	30.46 2.23 0.00	29.32 2.07 0.00	27.82 1.94 0.00	28.80 1.92 -1.62	27.82 2.04 0.00	27.47 2.00 -0.82	27.61 2.04 -0.38	30.17 2.29 0.00	31.71 2.35 0.00	33.06 2.48 0.00	36.78 2.83 -0.27	37.29 2.95 0.00	38.90 3.08 0.00	40.27 3.06 -1.22	45.35 3.26 -4.12	49.43 3.22 -8.29	44.59 3.10 -4.14	40.98 2.91 -0.28	38.35 2.81 0.00	35.89 2.63 0.00	35.84 2.14 -7.86	33.57 2.50 -0.21
INDIAN POINT___2 23530	32.75 2.51 0.00	31.18 2.36 0.00	30.35 2.12 0.00	29.23 1.99 0.00	27.77 1.89 0.00	28.70 1.84 -1.59	27.74 1.96 0.00	27.38 1.92 -0.81	27.53 1.97 -0.38	30.09 2.20 0.00	31.62 2.26 0.00	32.94 2.36 0.00	36.63 2.70 -0.25	37.12 2.78 0.00	38.76 2.94 0.00	40.10 2.91 -1.20	45.12 3.11 -4.05	49.11 3.07 -8.12	44.36 2.95 -4.07	40.82 2.76 -0.27	38.21 2.67 0.00	35.76 2.50 0.00	35.54 1.99 -7.71	33.44 2.38 -0.20
INDIAN POINT___3 23531	32.78 2.54 0.00	31.18 2.36 0.00	30.38 2.15 0.00	29.23 1.99 0.00	27.77 1.89 0.00	28.75 1.87 -1.62	27.74 1.96 0.00	27.39 1.92 -0.82	27.54 1.96 -0.38	30.09 2.20 0.00	31.59 2.23 0.00	32.94 2.35 0.00	36.68 2.73 -0.27	37.15 2.82 0.00	38.76 2.94 0.00	40.09 2.88 -1.22	45.16 3.07 -4.12	49.25 3.03 -8.29	44.44 2.95 -4.15	40.79 2.72 -0.28	38.21 2.67 0.00	35.76 2.49 0.00	35.76 2.07 -7.86	33.48 2.41 -0.21
INGHAM_C_115KV_TB7 356103	29.72 -0.51 0.00	28.32 -0.49 0.00	27.75 -0.48 0.00	26.78 -0.46 0.00	25.46 -0.41 0.00	24.83 -0.43 0.00	25.37 -0.41 0.00	24.23 -0.42 0.00	24.76 -0.43 0.00	27.41 -0.47 0.00	28.86 -0.50 0.00	30.03 -0.55 0.00	33.11 -0.57 0.00	33.75 -0.58 0.00	35.21 -0.61 0.00	35.34 -0.65 0.00	37.35 -0.61 0.00	37.35 -0.57 0.00	36.75 -0.60 0.00	37.15 -0.64 0.00	34.97 -0.57 0.00	32.70 -0.57 0.00	25.37 -0.47 0.00	30.31 -0.56 0.00
IP CORINTH___1 23988	32.32 2.09 0.00	30.66 1.84 0.00	29.95 1.72 0.00	28.88 1.63 0.00	27.59 1.71 0.00	29.06 1.67 -2.13	27.59 1.80 0.00	27.46 1.73 -1.08	28.35 1.89 -1.27	29.92 2.04 0.00	31.56 2.20 0.00	32.82 2.23 0.00	35.41 2.05 0.33	36.50 2.16 0.00	38.08 2.26 0.00	39.87 2.27 -1.61	45.56 2.16 -5.43	64.56 2.24 -24.40	53.25 2.17 -13.73	40.98 2.27 -0.92	37.67 2.13 0.00	35.46 2.20 0.00	36.92 1.63 -9.45	32.61 2.01 0.26
IP___TICONDEROGA 23804	34.20 3.96 0.00	32.36 3.54 0.00	31.48 3.25 0.00	30.32 3.08 0.00	29.03 3.16 0.00	30.45 3.06 -2.13	29.06 3.27 0.00	28.91 3.18 -1.08	29.98 3.53 -1.26	31.76 3.88 0.00	33.50 4.14 0.00	34.80 4.22 0.00	37.39 4.04 0.34	38.49 4.15 0.00	40.12 4.30 0.00	41.92 4.32 -1.61	47.75 4.37 -5.43	66.74 4.59 -24.23	55.40 4.41 -13.65	43.39 4.69 -0.92	40.06 4.51 0.00	37.59 4.32 0.00	38.30 3.02 -9.44	34.33 3.73 0.27
ISLIP_RES_REC 323679	48.65 4.41 -14.00	41.22 4.24 -8.17	44.41 3.92 -12.26	37.59 3.65 -6.70	36.86 3.47 -7.52	37.29 3.44 -8.59	37.85 3.58 -8.48	38.52 3.45 -10.42	43.87 3.58 -15.11	43.13 4.04 -11.21	49.10 3.96 -15.78	50.58 4.13 -15.87	56.98 4.51 -18.79	59.68 4.67 -20.67	122.57 4.87 -81.88	137.24 4.82 -96.43	152.26 5.20 -109.10	125.26 5.20 -82.15	118.03 5.16 -75.53	127.90 5.03 -85.08	116.78 4.69 -76.55	55.76 4.39 -18.11	48.51 3.69 -18.98	46.43 4.45 -11.13
JAMAICA__27_KV_LOAD 355505	33.75 3.51 0.00	32.07 3.26 0.00	31.20 2.96 0.00	29.94 2.70 0.00	28.44 2.56 0.00	29.43 2.53 -1.64	28.47 2.68 0.00	28.12 2.64 -0.83	28.27 2.70 -0.39	30.96 3.07 -0.01	32.44 3.08 0.00	33.85 3.27 0.00	37.66 3.71 -0.27	38.18 3.85 0.00	39.76 3.94 0.00	41.08 3.85 -1.24	46.24 4.10 -4.18	50.38 4.06 -8.41	45.51 3.96 -4.20	41.78 3.70 -0.28	39.17 3.63 0.00	36.69 3.43 0.00	36.67 2.87 -7.96	34.50 3.43 -0.21
JANIS___SOLAR 323808	32.03 1.30 -0.50	30.02 1.21 0.00	29.42 1.19 0.00	28.28 1.04 0.00	26.96 1.09 0.00	26.65 0.94 -0.45	26.97 1.19 0.00	25.91 1.04 -0.23	26.34 1.06 -0.09	29.38 1.20 -0.29	31.05 1.26 -0.43	32.41 1.28 -0.55	35.83 1.35 -0.80	36.41 1.23 -0.84	38.11 1.33 -0.97	38.66 1.33 -1.33	42.23 1.97 -2.30	43.09 2.16 -3.02	41.40 1.98 -2.08	41.15 2.23 -1.13	38.39 1.95 -0.90	35.48 1.53 -0.69	29.03 1.08 -2.11	32.85 1.42 -0.56
JARVIS____ 23743	30.30 0.06 0.00	28.87 0.06 0.00	28.29 0.06 0.00	27.30 0.05 0.00	25.96 0.08 0.00	25.34 0.08 0.00	25.86 0.08 0.00	24.70 0.05 0.00	25.24 0.05 0.00	27.94 0.06 0.00	29.42 0.06 0.00	30.64 0.06 0.00	33.75 0.07 0.00	34.41 0.07 0.00	35.89 0.07 0.00	36.06 0.07 0.00	38.11 0.15 0.00	38.07 0.15 0.00	37.46 0.11 0.00	37.91 0.11 0.00	35.65 0.11 0.00	33.33 0.07 0.00	25.89 0.05 0.00	30.92 0.06 0.00

JENNISON___1 23625	32.26 1.66 -0.35	30.37 1.56 0.00	29.70 1.47 0.00	28.61 1.36 0.00	27.28 1.40 0.00	27.05 1.19 -0.60	27.23 1.44 0.00	26.21 1.26 -0.30	26.68 1.36 -0.13	29.69 1.59 -0.21	31.37 1.70 -0.31	32.75 1.77 -0.39	36.14 1.89 -0.57	36.79 1.85 -0.60	38.48 1.97 -0.69	38.99 1.84 -1.16	42.70 2.39 -2.35	43.87 2.58 -3.37	41.87 2.39 -2.14	41.25 2.61 -0.85	38.49 2.31 -0.64	35.72 1.96 -0.49	29.94 1.32 -2.79	32.99 1.73 -0.40
JENNISON___2 23626	32.26 1.66 -0.35	30.37 1.56 0.00	29.70 1.47 0.00	28.61 1.36 0.00	27.28 1.40 0.00	27.05 1.19 -0.60	27.23 1.44 0.00	26.21 1.26 -0.30	26.68 1.36 -0.13	29.69 1.59 -0.21	31.37 1.70 -0.31	32.75 1.77 -0.39	36.14 1.89 -0.57	36.79 1.85 -0.60	38.48 1.97 -0.69	38.99 1.84 -1.16	42.70 2.39 -2.35	43.87 2.58 -3.37	41.87 2.39 -2.14	41.25 2.61 -0.85	38.49 2.31 -0.64	35.72 1.96 -0.49	29.94 1.32 -2.79	32.99 1.73 -0.40
JERICHO_RISE_WT_PWR 323719	30.57 0.33 0.00	29.10 0.29 0.00	28.54 0.31 0.00	27.60 0.35 0.00	26.06 0.18 0.00	25.49 0.23 0.00	26.07 0.28 0.00	24.99 0.34 0.00	25.64 0.45 0.00	28.36 0.47 0.00	29.82 0.47 0.00	31.13 0.55 0.00	34.29 0.61 0.00	35.02 0.69 0.00	36.54 0.72 0.00	36.67 0.68 0.00	38.60 0.64 0.00	38.52 0.60 0.00	38.13 0.79 0.00	38.66 0.87 0.00	36.25 0.71 0.00	33.99 0.73 0.00	26.38 0.54 0.00	31.54 0.68 0.00
KATONAH___115KV_46KV_TB4 355592	33.38 3.14 0.00	31.72 2.91 0.00	30.91 2.68 0.00	29.72 2.48 0.00	28.15 2.28 0.00	29.20 2.27 -1.67	28.21 2.42 0.00	27.86 2.37 -0.84	28.08 2.49 -0.39	30.70 2.82 0.00	32.23 2.88 0.00	33.64 3.06 0.00	37.42 3.47 -0.27	37.87 3.54 0.00	39.58 3.76 0.00	41.06 3.82 -1.26	46.23 4.02 -4.25	50.56 4.10 -8.55	45.55 3.92 -4.28	41.78 3.70 -0.29	39.06 3.52 0.00	36.49 3.23 0.00	36.45 2.53 -8.09	34.01 2.93 -0.21
KCE_NY_1 323755	32.39 2.15 0.00	30.80 1.99 0.00	30.07 1.83 0.00	29.04 1.80 0.00	27.72 1.84 0.00	29.16 1.77 -2.13	27.64 1.86 0.00	27.50 1.78 -1.08	28.33 1.89 -1.25	29.92 2.03 0.00	31.53 2.17 0.00	32.79 2.20 0.00	35.63 2.29 0.35	36.74 2.40 0.00	38.36 2.54 0.00	40.15 2.56 -1.60	46.04 2.66 -5.42	64.60 2.69 -23.99	53.48 2.61 -13.53	41.38 2.68 -0.91	38.07 2.52 0.00	35.62 2.36 0.00	37.06 1.81 -9.41	32.69 2.10 0.27
KCE_NY_6_ESR 323823	29.63 -0.60 0.00	28.15 -0.66 0.00	27.81 -0.42 0.00	26.67 -0.57 0.00	25.49 -0.39 0.00	25.03 -0.51 -0.27	25.53 -0.26 0.00	23.97 -0.81 -0.14	24.69 -0.55 -0.05	27.47 -0.42 0.00	29.09 -0.26 0.00	30.46 -0.12 0.00	33.11 -0.57 0.00	33.82 -0.51 0.00	35.25 -0.57 0.00	35.30 -0.90 -0.20	37.85 -0.80 -0.69	38.11 -0.87 -1.06	37.06 -0.86 -0.57	37.15 -0.68 -0.04	34.94 -0.60 0.00	32.23 -1.03 0.00	26.45 -0.64 -1.26	30.68 -0.18 0.00
KEDC_PORT_JEFF_GT2 24210	49.26 4.05 -14.97	40.85 3.86 -8.17	45.08 3.59 -13.26	37.29 3.35 -6.70	36.58 3.18 -7.52	36.98 3.13 -8.59	37.54 3.28 -8.48	38.23 3.16 -10.42	43.57 3.27 -15.11	42.80 3.71 -11.21	48.95 3.46 -16.13	49.94 3.49 -15.87	56.35 3.87 -18.80	58.90 3.88 -20.69	138.80 4.08 -98.90	154.44 3.96 -114.49	174.11 4.21 -131.94	156.04 4.28 -113.84	148.42 4.29 -106.78	146.17 4.19 -104.18	133.06 3.91 -93.61	55.78 3.66 -18.85	48.54 3.23 -19.48	47.82 4.04 -12.91
KEDC_PORT_JEFF_GT3 24211	49.26 4.05 -14.97	40.85 3.86 -8.17	45.08 3.59 -13.26	37.29 3.35 -6.70	36.58 3.18 -7.52	36.98 3.13 -8.59	37.54 3.28 -8.48	38.23 3.16 -10.42	43.57 3.27 -15.11	42.80 3.71 -11.21	48.95 3.46 -16.13	49.94 3.49 -15.87	56.35 3.87 -18.80	58.90 3.88 -20.69	138.80 4.08 -98.90	154.44 3.96 -114.49	174.11 4.21 -131.94	156.04 4.28 -113.84	148.42 4.29 -106.78	146.17 4.19 -104.18	133.06 3.91 -93.61	55.78 3.66 -18.85	48.54 3.23 -19.48	47.82 4.04 -12.91
KEDC_GLWD_GT4 24219	43.26 3.27 -9.76	40.03 3.05 -8.16	38.90 2.80 -7.88	36.55 2.62 -6.69	35.90 2.51 -7.52	36.30 2.45 -8.59	36.85 2.58 -8.48	37.56 2.49 -10.42	42.88 2.60 -15.10	41.82 2.73 -11.19	41.80 2.85 -9.59	49.47 3.03 -15.86	55.85 3.44 -18.73	58.46 3.50 -20.62	46.93 3.69 -7.42	57.48 3.63 -17.85	51.01 3.87 -9.17	51.92 3.83 -10.17	46.60 3.77 -5.48	42.86 3.55 -1.52	40.80 3.38 -1.88	41.95 3.13 -5.56	38.90 2.51 -10.56	37.17 2.99 -3.32
KEDC_GLWD_GT5 24220	43.26 3.27 -9.76	40.03 3.05 -8.16	38.90 2.80 -7.88	36.55 2.62 -6.69	35.90 2.51 -7.52	36.30 2.45 -8.59	36.85 2.58 -8.48	37.56 2.49 -10.42	42.88 2.60 -15.10	41.82 2.73 -11.19	41.80 2.85 -9.59	49.47 3.03 -15.86	55.85 3.44 -18.73	58.46 3.50 -20.62	46.93 3.69 -7.42	57.48 3.63 -17.85	51.01 3.87 -9.17	51.92 3.83 -10.17	46.60 3.77 -5.48	42.86 3.55 -1.52	40.80 3.38 -1.88	41.95 3.13 -5.56	38.90 2.51 -10.56	37.17 2.99 -3.32
KENSICO____ 23655	32.99 2.75 0.00	31.38 2.56 0.00	30.58 2.34 0.00	29.40 2.15 0.00	27.92 2.04 0.00	28.92 2.02 -1.64	27.93 2.14 0.00	27.55 2.07 -0.83	27.72 2.14 -0.39	30.28 2.40 0.00	31.82 2.47 0.00	33.18 2.60 0.00	36.95 3.00 -0.27	37.43 3.09 0.00	39.04 3.22 0.00	40.39 3.17 -1.23	45.50 3.38 -4.17	49.64 3.34 -8.39	44.75 3.21 -4.19	41.10 3.02 -0.28	38.49 2.95 0.00	36.02 2.76 0.00	36.03 2.25 -7.94	33.70 2.62 -0.21
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.84 2.60 0.00	31.23 2.42 0.00	30.41 2.17 0.00	29.26 2.02 0.00	27.79 1.91 0.00	28.52 1.74 -1.51	27.69 1.91 0.00	27.21 1.80 -0.77	27.34 1.76 -0.38	29.87 1.98 0.00	31.32 1.97 0.00	32.63 2.05 0.00	36.30 2.49 -0.13	36.88 2.54 0.00	38.54 2.72 0.00	39.94 2.81 -1.14	45.00 3.19 -3.85	49.18 3.30 -7.96	44.66 3.17 -4.14	40.87 2.80 -0.28	38.28 2.74 0.00	35.76 2.49 0.00	35.03 2.02 -7.18	33.40 2.44 -0.10
KIAC_JFK_GT1 23816	33.53 3.30 0.00	31.87 3.05 0.00	31.00 2.77 0.00	29.78 2.53 0.00	28.26 2.38 0.00	29.25 2.35 -1.64	28.26 2.48 0.00	27.95 2.46 -0.83	28.12 2.54 -0.39	30.77 2.87 -0.01	32.23 2.88 0.00	33.67 3.09 0.00	37.29 3.33 -0.27	37.84 3.50 0.00	39.40 3.58 0.00	40.68 3.46 -1.24	45.82 3.68 -4.18	49.93 3.60 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.78 3.23 0.00	36.32 3.06 0.00	36.41 2.61 -7.96	34.29 3.21 -0.21
KIAC_JFK_GT2 23817	33.53 3.30 0.00	31.87 3.05 0.00	31.00 2.77 0.00	29.78 2.53 0.00	28.26 2.38 0.00	29.25 2.35 -1.64	28.26 2.48 0.00	27.95 2.46 -0.83	28.12 2.54 -0.39	30.77 2.87 -0.01	32.23 2.88 0.00	33.67 3.09 0.00	37.29 3.33 -0.27	37.84 3.50 0.00	39.40 3.58 0.00	40.68 3.46 -1.24	45.82 3.68 -4.18	49.93 3.60 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.78 3.23 0.00	36.32 3.06 0.00	36.41 2.61 -7.96	34.29 3.21 -0.21
KIAC_JFK____ 323774	33.50 3.27 0.00	31.87 3.05 0.00	30.97 2.74 0.00	29.78 2.53 0.00	28.28 2.41 0.00	29.25 2.35 -1.64	28.26 2.48 0.00	27.95 2.46 -0.83	28.12 2.54 -0.39	30.77 2.87 -0.01	32.24 2.88 0.00	33.67 3.09 0.00	37.29 3.34 -0.27	37.77 3.43 0.00	39.40 3.58 0.00	40.68 3.46 -1.24	45.82 3.68 -4.18	49.93 3.60 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.78 3.23 0.00	36.32 3.06 0.00	36.51 2.71 -7.96	34.26 3.18 -0.21

KINTIGH____ 23543	29.09 -1.15 0.00	27.75 -1.07 0.00	27.13 -1.10 0.00	26.26 -0.98 0.00	25.13 -0.75 0.00	24.98 -0.51 -0.22	25.06 -0.72 0.00	23.90 -0.86 -0.11	24.15 -1.08 -0.04	26.85 -1.03 0.00	28.45 -0.91 0.00	29.76 -0.83 0.00	32.37 -1.31 0.00	33.07 -1.27 0.00	34.57 -1.25 0.00	35.12 -1.04 -0.17	37.31 -1.21 -0.57	37.58 -1.18 -0.84	36.12 -1.68 -0.45	36.39 -1.44 -0.03	34.19 -1.35 0.00	32.07 -1.20 0.00	26.13 -0.75 -1.04	30.03 -0.83 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.05 0.82 0.00	29.56 0.75 0.00	29.00 0.76 0.00	28.01 0.76 0.00	26.47 0.60 0.00	25.89 0.63 0.00	26.51 0.72 0.00	25.41 0.76 0.00	26.10 0.91 0.00	28.86 0.98 0.00	30.35 1.00 0.00	31.71 1.13 0.00	34.93 1.25 0.00	35.68 1.34 0.00	37.18 1.36 0.00	37.32 1.33 0.00	39.44 1.48 0.00	39.24 1.33 0.00	38.84 1.49 0.00	39.45 1.66 0.00	36.93 1.39 0.00	34.66 1.40 0.00	26.82 0.98 0.00	32.10 1.23 0.00
LACHUTE__HYDRO 323717	34.17 3.93 0.00	32.36 3.54 0.00	31.48 3.25 0.00	30.32 3.08 0.00	29.03 3.16 0.00	30.45 3.06 -2.13	29.06 3.28 0.00	28.91 3.18 -1.08	29.98 3.53 -1.26	31.76 3.87 0.00	33.50 4.14 0.00	34.80 4.22 0.00	37.35 4.01 0.34	38.45 4.12 0.00	40.08 4.26 0.00	41.91 4.32 -1.61	47.79 4.40 -5.43	66.74 4.59 -24.23	55.40 4.40 -13.65	43.39 4.69 -0.92	40.02 4.48 0.00	37.52 4.26 0.00	38.53 3.26 -9.44	34.36 3.76 0.27
LAWRNCALV_115KV_TB1 80681	29.82 -0.57 -0.15	28.24 -0.58 0.00	27.67 -0.56 0.00	26.70 -0.54 0.00	25.18 -0.70 0.00	24.58 -0.68 0.00	25.04 -0.75 0.00	23.98 -0.67 0.00	24.59 -0.60 0.00	27.28 -0.70 -0.09	28.67 -0.82 -0.13	29.87 -0.89 -0.17	32.96 -0.98 -0.25	33.60 -1.00 -0.26	35.08 -1.04 -0.30	35.22 -1.08 -0.31	37.22 -1.10 -0.36	37.09 -1.18 -0.35	36.67 -1.01 -0.33	37.22 -0.91 -0.33	34.86 -0.96 -0.28	32.78 -0.70 -0.21	25.48 -0.36 0.00	30.76 -0.28 -0.18
LEDERLE____ 23769	32.84 2.60 0.00	31.23 2.42 0.00	30.43 2.20 0.00	29.26 2.02 0.00	27.82 1.94 0.00	28.69 1.87 -1.56	27.77 1.99 0.00	27.39 1.95 -0.79	27.55 1.99 -0.37	30.12 2.23 0.00	31.62 2.26 0.00	32.97 2.39 0.00	36.72 2.80 -0.25	37.22 2.88 0.00	38.79 2.97 0.00	40.12 2.95 -1.18	45.12 3.19 -3.98	49.02 3.15 -7.96	44.36 3.03 -3.99	40.86 2.80 -0.27	38.28 2.74 0.00	35.79 2.53 0.00	35.49 2.09 -7.57	33.52 2.47 -0.19
LIGHTHSE_115KV_TB6 355974	31.07 -0.48 -1.32	28.38 -0.43 0.00	27.81 -0.42 0.00	26.81 -0.44 0.00	25.52 -0.36 0.00	25.00 -0.38 -0.12	25.48 -0.31 0.00	24.41 -0.30 -0.06	24.86 -0.33 0.00	28.33 -0.33 -0.78	30.18 -0.32 -1.15	31.67 -0.37 -1.45	35.31 -0.51 -2.13	35.87 -0.69 -2.22	37.64 -0.75 -2.57	37.96 -0.76 -2.73	40.71 -0.61 -3.36	40.41 -0.49 -2.99	39.52 -0.63 -2.81	40.08 -0.53 -2.82	37.36 -0.57 -2.38	34.60 -0.50 -1.83	26.08 -0.34 -0.58	31.96 -0.40 -1.50
LINDEN COGEN____ 23786	33.14 2.90 0.00	31.52 2.71 0.00	30.66 2.43 0.00	29.51 2.26 0.00	28.02 2.15 0.00	29.00 2.10 -1.64	27.98 2.19 0.00	27.65 2.17 -0.83	27.80 2.22 -0.39	30.40 2.51 0.00	31.97 2.61 0.00	33.37 2.78 0.00	37.05 3.10 -0.27	37.53 3.19 0.00	39.11 3.29 0.00	39.90 3.17 -0.74	40.90 3.42 0.48	40.86 3.30 0.36	40.61 3.21 -0.06	40.55 2.98 0.22	38.53 2.99 0.00	36.16 2.89 0.00	36.15 2.35 -7.96	33.86 2.78 -0.21
LINDHRST_69_KV_BK1 356055	44.41 3.99 -10.18	40.72 3.75 -8.16	40.02 3.47 -8.31	37.20 3.27 -6.69	36.47 3.08 -7.52	36.88 3.03 -8.59	37.44 3.17 -8.48	38.13 3.06 -10.42	43.46 3.17 -15.10	42.68 3.60 -11.20	44.03 3.58 -11.09	50.14 3.70 -15.86	56.49 4.08 -18.74	59.18 4.22 -20.62	55.09 4.37 -14.90	65.36 4.32 -25.05	61.80 4.63 -19.21	61.64 4.66 -19.05	56.15 4.63 -14.17	52.17 4.46 -9.91	49.15 4.23 -9.38	45.86 4.02 -8.57	41.79 3.38 -12.57	38.97 4.01 -4.10
LIPA_MISC_IPP 23656	48.60 4.23 -14.13	40.99 4.01 -8.17	44.41 3.78 -12.39	37.45 3.51 -6.69	36.68 3.29 -7.52	37.11 3.26 -8.59	37.67 3.40 -8.48	38.35 3.28 -10.42	43.67 3.38 -15.11	42.91 3.82 -11.20	48.62 3.70 -15.57	50.30 3.85 -15.87	56.71 4.24 -18.79	59.44 4.43 -20.67	124.60 4.58 -84.19	139.67 4.57 -99.11	155.06 4.90 -112.20	191.11 4.97 -148.23	183.82 4.93 -141.55	130.27 4.80 -87.68	118.89 4.48 -78.87	55.18 4.22 -17.69	48.09 3.57 -18.69	46.49 4.26 -11.37
LISF__SOLAR 323691	48.72 4.29 -14.19	41.10 4.12 -8.17	44.53 3.84 -12.46	37.51 3.57 -6.70	36.78 3.39 -7.52	37.19 3.33 -8.59	37.75 3.48 -8.48	38.40 3.33 -10.42	43.75 3.45 -15.11	42.97 3.87 -11.20	48.78 3.79 -15.64	50.40 3.95 -15.87	56.78 4.31 -18.79	59.47 4.46 -20.67	125.86 4.73 -85.31	140.97 4.71 -100.26	156.75 5.09 -113.71	216.44 5.12 -173.41	209.16 5.12 -166.70	131.68 4.95 -88.94	120.15 4.62 -79.99	55.38 4.29 -17.83	48.24 3.62 -18.79	46.70 4.35 -11.48
LITTLE FALLS__HYD 24013	29.72 -0.51 0.00	28.32 -0.49 0.00	27.75 -0.48 0.00	26.78 -0.46 0.00	25.46 -0.41 0.00	24.83 -0.43 0.00	25.37 -0.41 0.00	24.23 -0.42 0.00	24.76 -0.43 0.00	27.41 -0.47 0.00	28.86 -0.50 0.00	30.03 -0.55 0.00	33.11 -0.57 0.00	33.75 -0.58 0.00	35.21 -0.61 0.00	35.34 -0.65 0.00	37.35 -0.61 0.00	37.35 -0.57 0.00	36.75 -0.60 0.00	37.15 -0.64 0.00	34.97 -0.57 0.00	32.70 -0.57 0.00	25.37 -0.47 0.00	30.31 -0.56 0.00
LITTLRIV_115KV_TB1 356100	30.07 -0.33 -0.17	28.44 -0.37 0.00	27.87 -0.37 0.00	26.89 -0.35 0.00	25.33 -0.54 0.00	24.73 -0.53 0.00	25.24 -0.54 0.00	24.16 -0.49 0.00	24.76 -0.43 0.00	27.51 -0.47 -0.10	28.91 -0.59 -0.14	30.12 -0.64 -0.18	33.24 -0.71 -0.27	33.89 -0.72 -0.28	35.36 -0.79 -0.32	35.53 -0.79 -0.33	37.58 -0.76 -0.38	37.50 -0.80 -0.37	37.06 -0.63 -0.35	37.66 -0.49 -0.35	35.24 -0.60 -0.30	33.09 -0.40 -0.23	25.66 -0.18 0.00	30.99 -0.06 -0.19
LI_NEWBRIDGE__DRP 323616	43.14 3.21 -9.70	39.94 2.97 -8.16	38.81 2.77 -7.81	36.49 2.56 -6.69	35.83 2.43 -7.52	36.25 2.40 -8.59	36.77 2.50 -8.48	37.51 2.44 -10.42	42.78 2.49 -15.10	41.90 2.82 -11.19	41.71 2.76 -9.59	49.31 2.87 -15.86	55.68 3.27 -18.73	58.35 3.40 -20.62	45.71 3.55 -6.34	57.20 3.49 -17.72	49.40 3.72 -7.73	50.53 3.72 -8.89	45.31 3.73 -4.23	41.65 3.55 -0.31	39.65 3.31 -0.80	41.92 3.09 -5.56	39.03 2.64 -10.56	37.18 3.12 -3.20
LOCKPORT_115KV_TB60_63_64 80432	28.94 -1.30 0.00	27.72 -1.09 0.00	27.08 -1.16 0.00	26.32 -0.93 0.00	25.15 -0.72 0.00	24.85 -0.66 -0.24	25.14 -0.64 0.00	23.69 -1.08 -0.12	24.13 -1.11 -0.05	26.88 -0.88 0.00	28.48 -0.76 0.00	29.82 -0.76 0.00	32.34 -1.35 0.00	33.07 -1.27 0.00	34.57 -1.25 0.00	34.84 -1.33 -0.18	37.06 -1.52 -0.62	37.41 -1.44 -0.93	36.13 -1.72 -0.50	36.39 -1.44 -0.03	34.19 -1.35 0.00	32.10 -1.16 0.00	26.01 -0.96 -1.13	30.12 -0.74 0.00
LOCKPORT__CC1 323769	28.82 -1.42 0.00	27.37 -1.44 0.00	27.44 -0.79 0.00	26.35 -0.90 0.00	25.15 -0.72 0.00	24.85 -0.66 -0.25	25.14 -0.64 0.00	23.69 -1.08 -0.12	24.15 -1.08 -0.05	26.88 -1.00 0.00	28.48 -0.88 0.00	29.85 -0.73 0.00	32.40 -1.28 0.00	33.13 -1.20 0.00	34.50 -1.32 0.00	34.85 -1.33 -0.19	37.30 -1.29 -0.63	37.42 -1.44 -0.94	36.17 -1.68 -0.51	36.39 -1.44 -0.03	34.23 -1.31 0.00	31.90 -1.37 0.00	26.10 -0.88 -1.14	30.18 -0.68 0.00

LOCKPORT___CC2 323770	28.82 -1.42 0.00	27.37 -1.44 0.00	27.44 -0.79 0.00	26.35 -0.90 0.00	25.15 -0.72 0.00	24.85 -0.66 -0.25	25.14 -0.64 0.00	23.69 -1.08 -0.12	24.15 -1.08 -0.05	26.88 -1.00 0.00	28.48 -0.88 0.00	29.85 -0.73 0.00	32.40 -1.28 0.00	33.13 -1.20 0.00	34.50 -1.32 0.00	34.85 -1.33 -0.19	37.30 -1.29 -0.63	37.42 -1.44 -0.94	36.17 -1.68 -0.51	36.39 -1.44 -0.03	34.23 -1.31 0.00	31.90 -1.37 0.00	26.10 -0.88 -1.14	30.18 -0.68 0.00
LOCKPORT___CC3 323771	28.82 -1.42 0.00	27.37 -1.44 0.00	27.44 -0.79 0.00	26.35 -0.90 0.00	25.15 -0.72 0.00	24.85 -0.66 -0.25	25.14 -0.64 0.00	23.69 -1.08 -0.12	24.15 -1.08 -0.05	26.88 -1.00 0.00	28.48 -0.88 0.00	29.85 -0.73 0.00	32.40 -1.28 0.00	33.13 -1.20 0.00	34.50 -1.32 0.00	34.85 -1.33 -0.19	37.30 -1.29 -0.63	37.42 -1.44 -0.94	36.17 -1.68 -0.51	36.39 -1.44 -0.03	34.23 -1.31 0.00	31.90 -1.37 0.00	26.10 -0.88 -1.14	30.18 -0.68 0.00
LONG_LAKE_PHOENIX 24014	31.45 -0.63 -1.85	28.24 -0.58 0.00	27.72 -0.51 0.00	26.70 -0.54 0.00	25.44 -0.44 0.00	24.94 -0.45 -0.13	25.37 -0.41 0.00	24.32 -0.39 -0.07	24.76 -0.43 0.00	28.53 -0.45 -1.09	30.52 -0.44 -1.61	32.19 -0.43 -2.04	36.13 -0.54 -2.99	36.80 -0.65 -3.12	38.74 -0.68 -3.60	39.14 -0.65 -3.80	42.01 -0.57 -4.62	41.57 -0.53 -4.19	40.61 -0.67 -3.94	41.14 -0.60 -3.96	38.28 -0.60 -3.34	35.27 -0.57 -2.57	26.03 -0.47 -0.66	32.41 -0.56 -2.10
LOVETT___3 23632	32.72 2.48 0.00	31.09 2.28 0.00	30.29 2.06 0.00	29.15 1.91 0.00	27.72 1.84 0.00	28.63 1.79 -1.57	27.67 1.88 0.00	27.29 1.85 -0.79	27.47 1.91 -0.37	30.01 2.12 0.00	31.50 2.14 0.00	32.82 2.23 0.00	36.52 2.59 -0.25	37.01 2.68 0.00	38.61 2.79 0.00	39.95 2.77 -1.18	44.92 2.96 -4.00	48.84 2.92 -8.00	44.16 2.80 -4.01	40.67 2.61 -0.27	38.07 2.52 0.00	35.62 2.36 0.00	35.43 1.99 -7.60	33.40 2.35 -0.20
LOVETT___4 23642	32.72 2.48 0.00	31.09 2.28 0.00	30.29 2.06 0.00	29.15 1.91 0.00	27.72 1.84 0.00	28.63 1.79 -1.57	27.67 1.88 0.00	27.29 1.85 -0.79	27.47 1.91 -0.37	30.01 2.12 0.00	31.50 2.14 0.00	32.82 2.23 0.00	36.52 2.59 -0.25	37.01 2.68 0.00	38.61 2.79 0.00	39.95 2.77 -1.18	44.92 2.96 -4.00	48.84 2.92 -8.00	44.16 2.80 -4.01	40.67 2.61 -0.27	38.07 2.52 0.00	35.62 2.36 0.00	35.43 1.99 -7.60	33.40 2.35 -0.20
LOVETT___5 23593	32.72 2.48 0.00	31.09 2.28 0.00	30.29 2.06 0.00	29.15 1.91 0.00	27.72 1.84 0.00	28.63 1.79 -1.57	27.67 1.88 0.00	27.29 1.85 -0.79	27.47 1.91 -0.37	30.01 2.12 0.00	31.50 2.14 0.00	32.82 2.23 0.00	36.52 2.59 -0.25	37.01 2.68 0.00	38.61 2.79 0.00	39.95 2.77 -1.18	44.92 2.96 -4.00	48.84 2.92 -8.00	44.16 2.80 -4.01	40.67 2.61 -0.27	38.07 2.52 0.00	35.62 2.36 0.00	35.43 1.99 -7.60	33.40 2.35 -0.20
LOWER RAQUET___HYD 24057	29.72 -0.69 -0.18	28.12 -0.69 0.00	27.55 -0.68 0.00	26.59 -0.65 0.00	25.08 -0.80 0.00	24.48 -0.78 0.00	24.96 -0.83 0.00	23.91 -0.74 0.00	24.49 -0.71 0.00	27.21 -0.78 -0.10	28.54 -0.97 -0.15	29.74 -1.04 -0.19	32.82 -1.15 -0.29	33.50 -1.13 -0.30	34.98 -1.18 -0.34	35.12 -1.22 -0.35	37.04 -1.33 -0.41	36.99 -1.33 -0.40	36.56 -1.16 -0.38	37.11 -1.06 -0.38	34.76 -1.10 -0.32	32.74 -0.76 -0.25	25.45 -0.39 -0.01	30.75 -0.31 -0.20
LOWER___HUDSON 24059	31.81 1.57 0.00	30.31 1.50 0.00	29.62 1.38 0.00	28.61 1.36 0.00	27.27 1.40 0.00	28.73 1.36 -2.10	27.20 1.42 0.00	27.07 1.35 -1.06	27.71 1.41 -1.11	29.39 1.50 0.00	30.97 1.61 0.00	32.20 1.62 0.00	35.01 1.75 0.43	36.19 1.85 0.00	37.75 1.93 0.00	39.52 1.94 -1.58	45.36 2.05 -5.35	61.11 2.08 -21.11	51.40 2.02 -12.04	40.64 2.04 -0.81	37.46 1.92 0.00	34.99 1.73 0.00	36.36 1.34 -9.18	32.10 1.57 0.34
LOWVILLE_115KV_TB2 356335	30.73 0.09 -0.40	28.84 0.03 0.00	28.26 0.03 0.00	27.22 -0.03 0.00	25.88 0.00 0.00	25.25 -0.08 -0.06	25.84 0.05 0.00	24.73 0.05 -0.03	25.22 0.03 0.00	28.18 0.06 -0.23	29.67 -0.03 -0.34	30.93 -0.09 -0.44	34.15 -0.17 -0.64	34.76 -0.24 -0.67	36.38 -0.21 -0.77	36.69 -0.14 -0.84	39.22 0.19 -1.07	39.16 0.34 -0.90	38.45 0.26 -0.84	39.05 0.42 -0.85	36.51 0.25 -0.72	33.98 0.17 -0.55	26.20 0.08 -0.29	31.50 0.19 -0.45
LUTHERFT_115KV_GLOB_FND_222 355753	32.38 2.15 0.00	30.77 1.96 0.00	30.07 1.84 0.00	29.02 1.77 0.00	27.66 1.79 0.00	29.16 1.77 -2.13	27.64 1.86 0.00	27.48 1.75 -1.08	28.30 1.86 -1.25	29.89 2.01 0.00	31.50 2.14 0.00	32.78 2.20 0.00	35.63 2.29 0.35	36.74 2.40 0.00	38.33 2.51 0.00	40.12 2.52 -1.60	45.96 2.58 -5.42	64.56 2.65 -23.99	53.45 2.58 -13.53	41.34 2.65 -0.91	38.03 2.49 0.00	35.62 2.36 0.00	36.96 1.71 -9.41	32.66 2.07 0.27
LUTHERNY_35_KV_BK2 355980	32.42 2.18 0.00	30.80 1.99 0.00	30.10 1.86 0.00	29.04 1.80 0.00	27.69 1.81 0.00	29.16 1.77 -2.13	27.64 1.86 0.00	27.50 1.77 -1.08	28.33 1.89 -1.25	29.92 2.04 0.00	31.53 2.17 0.00	32.78 2.20 0.00	35.63 2.29 0.35	36.74 2.40 0.00	38.36 2.54 0.00	40.15 2.56 -1.60	46.00 2.62 -5.42	64.60 2.69 -23.99	53.49 2.61 -13.53	41.38 2.68 -0.91	38.07 2.52 0.00	35.66 2.39 0.00	36.98 1.73 -9.41	32.69 2.10 0.27
LWR___OSWEGATCHIE_HYD 23850	30.13 -0.45 -0.34	28.35 -0.46 0.00	27.75 -0.48 0.00	26.75 -0.49 0.00	25.33 -0.54 0.00	24.75 -0.56 -0.04	25.27 -0.52 0.00	24.20 -0.47 -0.02	24.74 -0.45 0.00	27.59 -0.50 -0.20	29.04 -0.62 -0.30	30.26 -0.70 -0.38	33.36 -0.88 -0.55	33.99 -0.93 -0.58	35.52 -0.97 -0.67	35.78 -0.94 -0.72	38.07 -0.80 -0.91	37.98 -0.72 -0.78	37.40 -0.67 -0.73	37.96 -0.57 -0.73	35.52 -0.64 -0.62	33.27 -0.47 -0.48	25.77 -0.28 -0.22	31.04 -0.22 -0.39
LYONS_FALL_HYD 23570	30.80 0.27 -0.29	29.04 0.23 0.00	28.43 0.20 0.00	27.41 0.16 0.00	26.06 0.18 0.00	25.45 0.13 -0.06	26.02 0.23 0.00	24.90 0.22 -0.03	25.42 0.23 0.00	28.34 0.28 -0.17	29.84 0.23 -0.25	31.09 0.18 -0.32	34.32 0.17 -0.47	34.96 0.14 -0.49	36.53 0.14 -0.56	36.79 0.18 -0.62	39.27 0.49 -0.82	39.15 0.57 -0.66	38.45 0.48 -0.62	39.05 0.64 -0.62	36.53 0.46 -0.52	34.03 0.37 -0.40	26.34 0.23 -0.27	31.53 0.34 -0.33
MADISON___COUNTY_LFGE 323628	31.12 0.57 -0.31	29.36 0.55 0.00	28.77 0.54 0.00	27.71 0.46 0.00	26.40 0.52 0.00	25.79 0.43 -0.10	26.33 0.54 0.00	25.19 0.49 -0.05	25.69 0.50 0.00	28.65 0.59 -0.18	30.24 0.62 -0.26	31.50 0.58 -0.34	34.78 0.61 -0.49	35.43 0.58 -0.51	37.06 0.64 -0.59	37.32 0.65 -0.68	39.86 0.95 -0.95	39.60 0.99 -0.70	38.85 0.86 -0.65	39.43 0.98 -0.65	36.91 0.82 -0.55	34.35 0.67 -0.42	26.71 0.41 -0.46	31.80 0.59 -0.35
MALONE___115KV_TB1 356076	30.63 0.39 0.00	29.16 0.35 0.00	28.60 0.37 0.00	27.63 0.38 0.00	26.08 0.21 0.00	25.52 0.25 0.00	26.09 0.31 0.00	25.02 0.37 0.00	25.69 0.50 0.00	28.44 0.56 0.00	29.88 0.53 0.00	31.19 0.61 0.00	34.32 0.64 0.00	35.06 0.72 0.00	36.57 0.75 0.00	36.68 0.68 0.00	38.76 0.80 0.00	38.56 0.64 0.00	38.17 0.82 0.00	38.74 0.94 0.00	36.29 0.75 0.00	34.09 0.83 0.00	26.46 0.62 0.00	31.66 0.80 0.00

MAPLEWOD_115KV_TB3 80458	31.63 1.39 0.00	30.11 1.30 0.00	29.45 1.21 0.00	28.47 1.23 0.00	27.09 1.22 0.00	28.54 1.19 -2.09	27.02 1.24 0.00	26.87 1.16 -1.06	27.37 1.21 -0.97	29.17 1.28 0.00	30.74 1.38 0.00	31.99 1.41 0.00	34.90 1.55 0.34	35.98 1.65 0.00	37.54 1.72 0.00	39.29 1.73 -1.57	45.13 1.86 -5.32	58.25 1.86 -18.47	49.65 1.83 -10.47	40.31 1.81 -0.70	37.28 1.74 0.00	34.83 1.56 0.00	36.20 1.14 -9.23	31.96 1.36 0.26
MAPLE_RIDGE_WT_1 323574	30.15 -0.09 0.00	28.78 -0.03 0.00	28.20 -0.03 0.00	27.22 -0.03 0.00	25.90 0.03 0.00	25.29 0.03 0.00	25.81 0.03 0.00	24.67 0.02 0.00	25.22 0.03 0.00	27.91 0.03 0.00	29.39 0.03 0.00	30.61 0.03 0.00	33.72 0.03 0.00	34.37 0.03 0.00	35.86 0.04 0.00	36.03 0.04 0.00	38.03 0.08 0.00	37.99 0.08 0.00	37.38 0.04 0.00	37.79 0.00 0.00	35.54 0.00 0.00	33.23 -0.03 0.00	25.81 -0.03 0.00	30.86 0.00 0.00
MAPLE_RIDGE_WT_2 323611	30.15 -0.09 0.00	28.78 -0.03 0.00	28.20 -0.03 0.00	27.22 -0.03 0.00	25.90 0.03 0.00	25.29 0.03 0.00	25.81 0.03 0.00	24.67 0.02 0.00	25.22 0.03 0.00	27.91 0.03 0.00	29.39 0.03 0.00	30.61 0.03 0.00	33.72 0.03 0.00	34.37 0.03 0.00	35.86 0.04 0.00	36.03 0.04 0.00	38.03 0.08 0.00	37.99 0.08 0.00	37.38 0.04 0.00	37.79 0.00 0.00	35.54 0.00 0.00	33.23 -0.03 0.00	25.81 -0.03 0.00	30.86 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	30.63 0.39 0.00	29.19 0.37 0.00	28.63 0.40 0.00	27.65 0.41 0.00	26.14 0.26 0.00	25.57 0.30 0.00	26.15 0.36 0.00	25.07 0.42 0.00	25.72 0.53 0.00	28.44 0.56 0.00	29.91 0.56 0.00	31.23 0.64 0.00	34.39 0.71 0.00	35.13 0.79 0.00	36.64 0.82 0.00	36.78 0.79 0.00	38.76 0.80 0.00	38.64 0.72 0.00	38.24 0.89 0.00	38.81 1.02 0.00	36.36 0.82 0.00	34.13 0.86 0.00	26.45 0.62 0.00	31.63 0.77 0.00
MARSHVLE_115KV_TB1 80742	34.62 4.38 0.00	32.93 4.12 0.00	32.16 3.92 0.00	31.03 3.79 0.00	29.63 3.75 0.00	31.13 3.71 -2.15	29.65 3.87 0.00	29.44 3.70 -1.09	30.33 3.80 -1.34	31.90 4.02 0.00	33.41 4.05 0.00	34.77 4.19 0.00	37.89 4.48 0.27	39.07 4.74 0.00	40.87 5.05 0.00	42.94 5.33 -1.62	49.32 5.88 -5.47	69.88 6.07 -25.89	57.77 5.94 -14.48	44.92 6.16 -0.97	41.23 5.69 0.00	38.49 5.22 0.00	39.10 3.67 -9.60	35.09 4.44 0.22
MARSH_HILL_WT_PWR 323713	30.81 0.36 -0.21	29.07 0.26 0.00	28.63 0.40 0.00	27.44 0.19 0.00	26.27 0.39 0.00	25.80 0.20 -0.33	26.27 0.49 0.00	24.97 0.15 -0.17	25.66 0.40 -0.07	28.57 0.56 -0.12	30.21 0.68 -0.18	31.64 0.83 -0.23	34.66 0.64 -0.34	35.24 0.55 -0.35	36.77 0.54 -0.41	36.95 0.29 -0.67	39.94 0.64 -1.34	40.46 0.72 -1.82	39.11 0.60 -1.17	39.08 0.79 -0.50	36.63 0.71 -0.38	33.79 0.23 -0.29	27.62 0.23 -1.55	31.75 0.65 -0.24
MCINTYRE_115KV_TB2 80467	30.15 -0.09 0.00	28.67 -0.14 0.00	28.09 -0.14 0.00	27.11 -0.14 0.00	25.52 -0.36 0.00	24.88 -0.38 0.00	25.42 -0.36 0.00	24.35 -0.30 0.00	24.94 -0.25 0.00	27.64 -0.25 0.00	29.00 -0.35 0.00	30.18 -0.40 0.00	33.24 -0.44 0.00	33.92 -0.41 0.00	35.35 -0.47 0.00	35.52 -0.47 0.00	37.54 -0.42 0.00	37.46 -0.46 0.00	37.08 -0.26 0.00	37.64 -0.15 0.00	35.26 -0.28 0.00	33.10 -0.17 0.00	25.78 -0.05 0.00	30.92 0.06 0.00
MECO____69_KV_BK1 80468	35.20 4.96 0.00	33.37 4.55 0.00	32.58 4.35 0.00	31.41 4.17 0.00	30.07 4.19 0.00	31.55 4.14 -2.15	30.09 4.31 0.00	29.81 4.07 -1.09	30.76 4.23 -1.34	32.26 4.38 0.00	33.55 4.20 0.00	34.89 4.31 0.00	37.99 4.58 0.27	39.38 5.05 0.00	41.26 5.44 0.00	43.44 5.83 -1.62	49.92 6.49 -5.47	70.52 6.71 -25.89	58.44 6.61 -14.48	45.72 6.95 -0.97	41.90 6.36 0.00	39.08 5.82 0.00	39.41 3.98 -9.60	35.52 4.88 0.22
MENANDS__115KV_TB5 355628	31.45 1.21 0.00	29.94 1.12 0.00	29.28 1.04 0.00	28.31 1.06 0.00	26.96 1.09 0.00	28.41 1.06 -2.08	26.87 1.08 0.00	26.72 1.01 -1.06	27.19 1.06 -0.94	29.00 1.12 0.00	30.56 1.20 0.00	31.81 1.22 0.00	34.69 1.35 0.33	35.78 1.44 0.00	37.32 1.50 0.00	39.07 1.51 -1.57	44.86 1.59 -5.31	57.51 1.59 -18.00	49.13 1.57 -10.22	40.03 1.55 -0.69	37.03 1.49 0.00	34.59 1.33 0.00	36.03 0.98 -9.22	31.77 1.17 0.26
MG INDUSTRY__DRP 24185	31.57 1.33 0.00	30.05 1.24 0.00	29.39 1.16 0.00	28.44 1.20 0.00	27.09 1.22 0.00	28.47 1.16 -2.04	26.97 1.19 0.00	26.77 1.08 -1.03	27.05 1.13 -0.72	29.09 1.20 0.00	30.65 1.29 0.00	31.90 1.32 0.00	34.96 1.48 0.20	35.88 1.55 0.00	37.43 1.61 0.00	39.11 1.58 -1.54	44.83 1.67 -5.20	53.63 1.71 -14.01	46.84 1.64 -7.85	39.98 1.66 -0.53	37.14 1.60 0.00	34.73 1.46 0.00	36.09 1.06 -9.20	32.00 1.30 0.16
MID__OSWEGATCHIE_HYD 23849	30.13 -0.45 -0.34	28.35 -0.46 0.00	27.75 -0.48 0.00	26.75 -0.49 0.00	25.33 -0.54 0.00	24.75 -0.56 -0.04	25.27 -0.52 0.00	24.20 -0.47 -0.02	24.74 -0.45 0.00	27.59 -0.50 -0.20	29.04 -0.62 -0.30	30.26 -0.70 -0.38	33.36 -0.88 -0.55	33.99 -0.93 -0.58	35.52 -0.97 -0.67	35.78 -0.94 -0.72	38.07 -0.80 -0.91	37.98 -0.72 -0.78	37.40 -0.67 -0.73	37.96 -0.57 -0.73	35.52 -0.64 -0.62	33.27 -0.47 -0.48	25.77 -0.28 -0.22	31.04 -0.22 -0.39
MID__RAQUETTE_HYD 23851	29.72 -0.70 -0.18	28.12 -0.69 0.00	27.56 -0.68 0.00	26.59 -0.65 0.00	25.08 -0.80 0.00	24.48 -0.78 0.00	24.96 -0.83 0.00	23.91 -0.74 0.00	24.48 -0.71 0.00	27.21 -0.78 -0.10	28.54 -0.97 -0.15	29.74 -1.04 -0.19	32.82 -1.15 -0.29	33.50 -1.13 -0.30	34.95 -1.22 -0.34	35.12 -1.22 -0.35	37.12 -1.25 -0.41	36.99 -1.33 -0.40	36.56 -1.16 -0.38	37.11 -1.06 -0.38	34.76 -1.10 -0.32	32.71 -0.80 -0.25	25.43 -0.41 -0.01	30.75 -0.31 -0.20
MILLIKEN__1 23584	31.37 0.45 -0.67	29.25 0.43 0.00	28.68 0.45 0.00	27.60 0.35 0.00	26.34 0.47 0.00	25.97 0.38 -0.33	26.28 0.49 0.00	25.26 0.44 -0.17	25.71 0.45 -0.07	28.84 0.56 -0.40	30.53 0.59 -0.59	31.94 0.61 -0.74	35.41 0.64 -1.09	36.02 0.55 -1.14	37.71 0.57 -1.31	38.20 0.61 -1.59	41.27 0.91 -2.40	41.78 1.02 -2.84	40.31 0.82 -2.14	40.26 0.98 -1.49	37.61 0.85 -1.22	34.93 0.73 -0.94	27.81 0.44 -1.54	32.21 0.59 -0.77
MILLIKEN__2 23585	31.37 0.45 -0.67	29.25 0.43 0.00	28.68 0.45 0.00	27.60 0.35 0.00	26.34 0.47 0.00	25.97 0.38 -0.33	26.28 0.49 0.00	25.26 0.44 -0.17	25.71 0.45 -0.07	28.84 0.56 -0.40	30.53 0.59 -0.59	31.94 0.61 -0.74	35.41 0.64 -1.09	36.02 0.55 -1.14	37.71 0.57 -1.31	38.20 0.61 -1.59	41.27 0.91 -2.40	41.78 1.02 -2.84	40.31 0.82 -2.14	40.26 0.98 -1.49	37.61 0.85 -1.22	34.93 0.73 -0.94	27.81 0.44 -1.54	32.21 0.59 -0.77
MILLIKEN__DIESEL 23629	31.37 0.45 -0.67	29.25 0.43 0.00	28.68 0.45 0.00	27.60 0.35 0.00	26.34 0.47 0.00	25.97 0.38 -0.33	26.28 0.49 0.00	25.26 0.44 -0.17	25.71 0.45 -0.07	28.84 0.56 -0.40	30.53 0.59 -0.59	31.94 0.61 -0.74	35.41 0.64 -1.09	36.02 0.55 -1.14	37.71 0.57 -1.31	38.20 0.61 -1.59	41.27 0.91 -2.40	41.78 1.02 -2.84	40.31 0.82 -2.14	40.26 0.98 -1.49	37.61 0.85 -1.22	34.93 0.73 -0.94	27.81 0.44 -1.54	32.21 0.59 -0.77

MILLSEAT___LFGE 323607	29.30 -0.94 0.00	27.83 -0.98 0.00	27.73 -0.51 0.00	26.67 -0.57 0.00	25.46 -0.42 0.00	25.15 -0.35 -0.24	25.48 -0.31 0.00	24.08 -0.69 -0.12	24.53 -0.71 -0.04	27.30 -0.59 0.00	28.92 -0.44 0.00	30.28 -0.31 0.00	32.94 -0.74 0.00	33.65 -0.69 0.00	35.07 -0.75 0.00	35.38 -0.79 -0.18	37.92 -0.65 -0.60	38.02 -0.80 -0.90	36.74 -1.08 -0.48	37.10 -0.72 -0.03	34.87 -0.68 0.00	32.53 -0.73 0.00	26.47 -0.46 -1.10	30.61 -0.25 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.90 2.66 0.00	31.29 2.48 0.00	30.49 2.26 0.00	29.34 2.10 0.00	27.87 1.99 0.00	28.84 1.95 -1.63	27.85 2.06 0.00	27.47 2.00 -0.82	27.64 2.07 -0.38	30.20 2.31 0.00	31.73 2.38 0.00	33.09 2.51 0.00	36.81 2.86 -0.27	37.32 2.99 0.00	38.90 3.08 0.00	40.28 3.06 -1.23	45.37 3.26 -4.14	49.48 3.22 -8.34	44.65 3.14 -4.17	40.98 2.91 -0.28	38.39 2.84 0.00	35.89 2.63 0.00	35.91 2.17 -7.90	33.60 2.53 -0.21
MILLWOOD_13_KV_LOAD 356217	33.11 2.87 0.00	31.46 2.65 0.00	30.66 2.43 0.00	29.48 2.23 0.00	27.97 2.10 0.00	28.96 2.07 -1.63	27.98 2.19 0.00	27.62 2.14 -0.82	27.79 2.22 -0.38	30.37 2.48 0.00	31.91 2.55 0.00	33.27 2.69 0.00	37.02 3.07 -0.27	37.53 3.19 0.00	39.19 3.37 0.00	40.56 3.35 -1.23	45.63 3.53 -4.14	49.78 3.53 -8.34	44.91 3.40 -4.17	41.28 3.21 -0.28	38.63 3.09 0.00	36.12 2.86 0.00	36.04 2.30 -7.90	33.76 2.69 -0.21
MODEL_CITY_ENERGY 24167	28.70 -1.54 0.00	27.26 -1.56 0.00	27.19 -1.04 0.00	26.10 -1.14 0.00	24.95 -0.93 0.00	24.63 -0.88 -0.25	24.91 -0.88 0.00	23.44 -1.33 -0.13	23.85 -1.39 -0.05	26.58 -1.31 0.00	28.15 -1.20 0.00	29.48 -1.10 0.00	32.03 -1.65 0.00	32.72 -1.61 0.00	34.10 -1.72 0.00	34.49 -1.69 -0.19	36.89 -1.71 -0.63	37.02 -1.86 -0.96	35.73 -2.13 -0.51	35.94 -1.89 -0.03	33.80 -1.74 0.00	31.57 -1.70 0.00	25.85 -1.14 -1.15	29.84 -1.02 0.00
MODERN_LFGE___ 323580	28.70 -1.54 0.00	27.26 -1.56 0.00	27.19 -1.04 0.00	26.10 -1.14 0.00	24.95 -0.93 0.00	24.63 -0.88 -0.25	24.91 -0.88 0.00	23.44 -1.33 -0.13	23.85 -1.39 -0.05	26.58 -1.31 0.00	28.15 -1.20 0.00	29.48 -1.10 0.00	32.03 -1.65 0.00	32.72 -1.61 0.00	34.10 -1.72 0.00	34.49 -1.69 -0.19	36.89 -1.71 -0.63	37.02 -1.86 -0.96	35.73 -2.13 -0.51	35.94 -1.89 -0.03	33.80 -1.74 0.00	31.57 -1.70 0.00	25.85 -1.14 -1.15	29.84 -1.02 0.00
MOHAWK_PAPER___DRP 24187	31.63 1.39 0.00	30.11 1.30 0.00	29.45 1.21 0.00	28.47 1.23 0.00	27.09 1.22 0.00	28.54 1.19 -2.09	27.02 1.24 0.00	26.87 1.16 -1.06	27.37 1.21 -0.97	29.17 1.28 0.00	30.74 1.38 0.00	31.99 1.41 0.00	34.90 1.55 0.34	35.98 1.65 0.00	37.54 1.72 0.00	39.29 1.73 -1.57	45.13 1.86 -5.32	58.25 1.86 -18.47	49.65 1.83 -10.47	40.31 1.81 -0.70	37.28 1.74 0.00	34.83 1.56 0.00	36.20 1.14 -9.23	31.96 1.36 0.26
MOHICAN___35_KV_115KV_LD 80490	32.57 2.33 0.00	30.89 2.07 0.00	30.15 1.92 0.00	29.10 1.85 0.00	27.79 1.91 0.00	29.26 1.87 -2.13	27.77 1.99 0.00	27.65 1.92 -1.08	28.54 2.09 -1.25	30.14 2.26 0.00	31.76 2.41 0.00	33.03 2.45 0.00	35.70 2.36 0.34	36.81 2.47 0.00	38.44 2.61 0.00	40.22 2.63 -1.61	45.93 2.54 -5.43	64.70 2.65 -24.13	53.52 2.58 -13.60	41.42 2.72 -0.91	38.07 2.52 0.00	35.79 2.53 0.00	37.10 1.83 -9.43	32.85 2.25 0.27
MONGAUP___HYD 23641	32.48 2.24 0.00	30.92 2.10 0.00	30.10 1.86 0.00	29.02 1.77 0.00	27.59 1.71 0.00	28.29 1.57 -1.46	27.46 1.68 0.00	26.97 1.58 -0.74	27.07 1.54 -0.34	29.59 1.70 0.00	31.06 1.70 0.00	32.32 1.74 0.00	36.02 2.12 -0.21	36.50 2.16 0.00	38.18 2.36 0.00	39.57 2.48 -1.10	44.52 2.85 -3.71	48.21 2.92 -7.37	43.86 2.80 -3.71	40.53 2.49 -0.25	37.96 2.42 0.00	35.42 2.16 0.00	34.58 1.70 -7.04	33.10 2.07 -0.17
MONTAUK___DIESEL 23721	50.50 6.11 -14.16	42.69 5.71 -8.17	46.04 5.39 -12.42	38.98 5.04 -6.69	38.15 4.76 -7.52	38.50 4.65 -8.59	39.14 4.87 -8.48	39.73 4.66 -10.42	45.23 4.94 -15.11	44.70 5.61 -11.20	50.82 5.87 -15.59	52.72 6.27 -15.87	59.38 6.90 -18.79	62.15 7.14 -20.67	127.87 7.38 -84.67	143.04 7.45 -99.60	158.73 7.93 -112.84	195.03 7.92 -149.19	187.69 7.84 -142.50	133.63 7.63 -88.21	121.96 7.07 -79.34	57.66 6.65 -17.74	49.86 5.30 -18.73	48.51 6.23 -11.42
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.36 0.12 0.00	28.96 0.14 0.00	28.29 0.06 0.00	27.27 0.03 0.00	26.16 0.28 0.00	25.53 -0.03 -0.29	26.15 0.36 0.00	24.65 -0.15 -0.15	25.52 0.28 -0.06	28.42 0.53 0.00	30.09 0.73 0.00	31.50 0.92 0.00	34.15 0.47 0.00	34.95 0.62 0.00	36.46 0.64 0.00	36.32 0.11 -0.22	38.81 0.11 -0.74	39.33 0.27 -1.15	38.33 0.37 -0.61	38.36 0.53 -0.04	35.97 0.43 0.00	33.70 0.43 0.00	27.08 -0.10 -1.35	31.39 0.52 0.00
MORTIMER_115KV_TB3 55949	29.54 -0.70 0.00	28.15 -0.66 0.00	27.58 -0.65 0.00	26.67 -0.57 0.00	25.46 -0.41 0.00	25.24 -0.23 -0.20	25.42 -0.36 0.00	24.33 -0.42 -0.10	24.65 -0.58 -0.04	27.38 -0.50 0.00	28.97 -0.38 0.00	30.31 -0.28 0.00	33.08 -0.61 0.00	33.75 -0.58 0.00	35.28 -0.54 0.00	35.71 -0.43 -0.15	38.02 -0.46 -0.51	38.20 -0.46 -0.73	36.88 -0.86 -0.39	37.29 -0.53 -0.03	35.01 -0.53 0.00	32.76 -0.50 0.00	26.48 -0.28 -0.93	30.52 -0.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.29 3.05 0.00	31.67 2.85 0.00	30.83 2.60 0.00	29.64 2.40 0.00	28.13 2.25 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.90 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.25 3.30 -0.27	37.77 3.43 0.00	39.33 3.51 0.00	40.65 3.42 -1.24	45.78 3.64 -4.18	49.89 3.56 -8.41	45.02 3.47 -4.20	41.32 3.25 -0.28	38.74 3.20 0.00	36.32 3.06 0.00	36.31 2.51 -7.96	34.01 2.93 -0.21
MUNSVILLE_WIND_PWR 323609	33.11 2.45 -0.43	31.06 2.25 0.00	30.41 2.17 0.00	29.21 1.96 0.00	27.84 1.97 0.00	27.51 1.72 -0.53	27.87 2.09 0.00	26.79 1.87 -0.27	27.24 1.94 -0.11	30.40 2.26 -0.25	32.10 2.38 -0.37	33.53 2.48 -0.47	37.03 2.66 -0.69	37.66 2.61 -0.72	39.37 2.72 -0.83	39.83 2.59 -1.25	43.85 3.57 -2.33	44.87 3.75 -3.20	42.93 3.47 -2.11	42.64 3.86 -0.99	39.69 3.38 -0.77	36.55 2.69 -0.59	30.20 1.91 -2.45	33.82 2.47 -0.48
N SALMON___HYD 24042	30.63 0.39 0.00	29.16 0.35 0.00	28.60 0.37 0.00	27.63 0.38 0.00	26.08 0.21 0.00	25.51 0.25 0.00	26.10 0.31 0.00	25.02 0.37 0.00	25.69 0.50 0.00	28.44 0.56 0.00	29.89 0.53 0.00	31.19 0.61 0.00	34.32 0.64 0.00	35.06 0.72 0.00	36.61 0.79 0.00	36.67 0.68 0.00	38.68 0.72 0.00	38.56 0.64 0.00	38.17 0.82 0.00	38.74 0.95 0.00	36.29 0.75 0.00	34.09 0.83 0.00	26.45 0.62 0.00	31.66 0.80 0.00
N.AKRON___115KV_KNAPP 355671	29.33 -0.91 0.00	28.06 -0.75 0.00	27.41 -0.82 0.00	26.67 -0.57 0.00	25.46 -0.41 0.00	25.15 -0.35 -0.24	25.48 -0.31 0.00	24.08 -0.69 -0.12	24.53 -0.71 -0.04	27.30 -0.59 0.00	28.92 -0.44 0.00	30.28 -0.31 0.00	32.87 -0.81 0.00	33.62 -0.72 0.00	35.14 -0.68 0.00	35.38 -0.79 -0.18	37.69 -0.87 -0.61	37.99 -0.83 -0.91	36.71 -1.12 -0.49	37.11 -0.72 -0.03	34.83 -0.71 0.00	32.63 -0.63 0.00	26.40 -0.54 -1.11	30.55 -0.31 0.00

N.BELMOR_69_KV_BK1 55787	43.47 3.48 -9.76	40.20 3.23 -8.16	39.10 2.99 -7.88	36.74 2.81 -6.69	36.06 2.67 -7.52	36.45 2.60 -8.59	37.00 2.73 -8.48	37.71 2.64 -10.42	43.01 2.72 -15.10	42.15 3.07 -11.19	42.06 3.11 -9.59	49.59 3.15 -15.86	55.98 3.57 -18.73	58.66 3.71 -20.62	47.08 3.83 -7.43	57.66 3.82 -17.85	51.25 4.10 -9.19	52.20 4.10 -10.19	46.88 4.03 -5.50	43.26 3.93 -1.53	41.20 3.77 -1.89	42.35 3.53 -5.56	39.31 2.92 -10.56	37.61 3.43 -3.32
N.E_GEN_SANDY PD 24062	31.90 1.66 0.00	30.43 1.61 0.00	29.70 1.47 0.00	28.69 1.44 0.00	27.30 1.42 0.00	28.56 1.41 -1.89	27.28 1.49 0.00	27.03 1.43 -0.96	27.22 1.46 -0.57	29.45 1.56 0.00	30.97 1.61 0.00	32.23 1.65 0.00	33.30 1.85 2.23	36.29 1.96 0.00	37.86 2.04 0.00	39.43 2.01 -1.42	44.93 2.16 -4.81	46.40 2.12 -6.36	45.60 2.09 -6.16	40.24 2.04 -0.41	37.50 1.95 0.00	34.99 1.73 0.00	32.99 1.37 -5.78	30.71 1.60 1.76
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.78 2.54 0.00	31.15 2.33 0.00	30.35 2.12 0.00	29.21 1.96 0.00	27.74 1.86 0.00	28.65 1.82 -1.57	27.72 1.93 0.00	27.32 1.87 -0.79	27.50 1.94 -0.37	30.03 2.15 0.00	31.53 2.17 0.00	32.88 2.29 0.00	36.59 2.66 -0.25	37.08 2.75 0.00	38.69 2.87 0.00	39.98 2.81 -1.18	44.98 3.04 -3.99	48.89 3.00 -7.98	44.22 2.88 -4.00	40.71 2.65 -0.27	38.14 2.59 0.00	35.69 2.43 0.00	35.46 2.04 -7.59	33.43 2.38 -0.19
N.QUEENS_27_KV_LOAD 356247	33.60 3.36 -0.01	31.88 3.05 -0.01	31.04 2.80 -0.01	29.87 2.62 -0.01	28.34 2.46 -0.01	29.36 2.45 -1.65	28.31 2.53 0.00	27.85 2.37 -0.83	27.90 2.32 -0.39	30.65 2.76 0.00	32.30 2.94 -0.01	33.65 3.06 -0.01	37.40 3.44 -0.28	37.85 3.50 -0.01	39.55 3.73 -0.01	40.90 3.67 -1.24	46.05 3.91 -4.18	50.12 3.79 -8.41	45.21 3.66 -4.20	41.47 3.40 -0.28	38.99 3.45 0.00	36.46 3.19 -0.01	36.52 2.71 -7.97	34.26 3.18 -0.22
N.TROY___115KV_TB1 355778	31.87 1.63 0.00	30.31 1.50 0.00	29.64 1.41 0.00	28.61 1.36 0.00	27.25 1.37 0.00	28.73 1.36 -2.10	27.23 1.44 0.00	27.07 1.36 -1.06	27.71 1.41 -1.11	29.39 1.51 0.00	30.97 1.61 0.00	32.20 1.62 0.00	35.01 1.75 0.43	36.19 1.85 0.00	37.79 1.97 0.00	39.52 1.94 -1.58	45.36 2.05 -5.35	61.11 2.09 -21.11	51.40 2.02 -12.04	40.64 2.04 -0.81	37.46 1.92 0.00	35.03 1.76 0.00	36.33 1.32 -9.18	32.07 1.54 0.34
NARROWS_GT1_1 24228	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT1_2 24229	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT1_3 24230	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT1_4 24231	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT1_5 24232	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT1_6 24233	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT1_7 24234	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT1_8 24235	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT2_1 24236	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT2_2 24237	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22

NARROWS_GT2_3 24238	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT2_4 24239	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT2_5 24240	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT2_6 24241	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT2_7 24242	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NARROWS_GT2_8 24243	33.60 3.36 -0.01	31.99 3.17 -0.01	31.12 2.88 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.63 3.67 -0.28	38.09 3.74 -0.01	39.77 3.94 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.14 3.59 -0.01	36.77 3.39 -0.11	36.55 2.74 -7.97	34.35 3.27 -0.22
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.99 1.75 0.00	30.40 1.58 0.00	29.67 1.44 0.00	28.80 1.55 0.00	27.46 1.58 0.00	28.48 1.26 -1.95	27.25 1.47 0.00	26.82 1.18 -0.99	27.03 1.16 -0.68	29.20 1.31 0.00	30.77 1.41 0.00	32.02 1.44 0.00	35.56 2.02 0.15	36.12 1.79 0.00	37.68 1.86 0.00	39.30 1.84 -1.47	45.10 2.16 -4.97	53.56 2.35 -13.30	47.06 2.32 -7.40	40.40 2.12 -0.50	37.67 2.13 0.00	35.19 1.93 0.00	35.88 1.19 -8.86	32.57 1.82 0.12
NCHELSEA_115KV_TR2 355582	32.93 2.69 0.00	31.32 2.51 0.00	30.49 2.26 0.00	29.37 2.13 0.00	27.90 2.02 0.00	28.83 1.92 -1.64	27.82 2.04 0.00	27.43 1.95 -0.83	27.55 1.96 -0.39	30.09 2.20 0.00	31.62 2.26 0.00	32.97 2.39 0.00	36.75 2.86 -0.20	37.25 2.92 0.00	38.86 3.04 0.00	40.29 3.06 -1.24	45.49 3.34 -4.19	49.63 3.37 -8.34	44.84 3.25 -4.25	41.02 2.95 -0.29	38.42 2.88 0.00	35.89 2.63 0.00	35.82 2.09 -7.89	33.55 2.53 -0.16
NEG CAPITAL___MECHNVIL 23645	32.39 2.15 0.00	30.80 1.99 0.00	30.04 1.81 0.00	29.02 1.77 0.00	27.69 1.81 0.00	29.15 1.77 -2.12	27.64 1.86 0.00	27.50 1.78 -1.07	28.27 1.86 -1.21	29.92 2.03 0.00	31.53 2.17 0.00	32.79 2.20 0.00	35.63 2.32 0.37	36.74 2.40 0.00	38.40 2.58 0.00	40.18 2.59 -1.60	46.06 2.70 -5.40	63.90 2.77 -23.22	53.13 2.65 -13.13	41.43 2.76 -0.88	38.10 2.56 0.00	35.62 2.36 0.00	36.98 1.81 -9.34	32.67 2.10 0.30
NEG CENTRAL_HIGH_ACRES 23767	29.43 -1.06 -0.25	27.75 -1.07 0.00	27.30 -0.93 0.00	26.29 -0.95 0.00	25.05 -0.83 0.00	24.80 -0.66 -0.20	25.06 -0.72 0.00	24.03 -0.72 -0.10	24.37 -0.86 -0.15	27.22 -0.81 -0.22	28.84 -0.73 -0.27	30.21 -0.64 -0.40	33.21 -0.88 -0.42	33.83 -0.93 -0.48	35.30 -1.00 -0.48	35.77 -0.86 -0.64	38.31 -0.72 -1.07	38.32 -0.87 -1.27	37.02 -1.23 -0.91	37.40 -0.94 -0.56	35.07 -0.92 -0.45	32.81 -0.80 -0.34	26.13 -0.62 -0.91	30.40 -0.74 -0.28
NEG CENTRAL___DRP 24199	30.71 -0.18 -0.65	28.67 -0.14 0.00	28.09 -0.14 0.00	27.05 -0.19 0.00	25.85 -0.03 0.00	25.40 -0.08 -0.21	25.79 0.00 0.00	24.71 -0.05 -0.11	25.20 -0.03 -0.04	28.33 0.06 -0.38	30.01 0.09 -0.57	31.45 0.15 -0.72	34.77 0.03 -1.05	35.33 -0.10 -1.10	36.98 -0.11 -1.27	37.35 -0.11 -1.46	40.09 0.08 -2.05	40.37 0.19 -2.26	39.12 -0.04 -1.81	39.33 0.11 -1.42	36.75 0.04 -1.18	34.27 0.10 -0.91	26.79 -0.05 -1.01	31.60 0.00 -0.74
NEG CENTRAL___INDECK 23768	30.63 0.39 0.00	29.10 0.29 0.00	28.68 0.45 0.00	27.57 0.33 0.00	26.32 0.44 0.00	26.02 0.48 -0.28	26.40 0.62 0.00	25.21 0.42 -0.14	25.65 0.40 -0.05	28.36 0.47 0.00	29.91 0.56 0.00	31.23 0.64 0.00	34.15 0.47 0.00	34.75 0.41 0.00	36.28 0.46 0.00	36.71 0.50 -0.21	39.66 0.99 -0.72	40.08 1.06 -1.10	38.72 0.79 -0.59	39.08 1.25 -0.04	36.68 1.14 0.00	34.09 0.83 0.00	27.78 0.65 -1.30	31.76 0.90 0.00
NEG CENTRAL___SENECA 23627	30.54 -0.03 -0.33	28.76 -0.06 0.00	28.18 -0.06 0.00	27.14 -0.11 0.00	25.96 0.08 0.00	25.50 0.00 -0.24	25.91 0.13 0.00	24.79 0.02 -0.12	25.34 0.10 -0.04	28.28 0.20 -0.20	29.88 0.23 -0.29	31.28 0.34 -0.37	34.42 0.20 -0.54	34.93 0.03 -0.56	36.47 0.00 -0.65	36.83 0.00 -0.84	39.52 0.19 -1.37	39.90 0.34 -1.65	38.61 0.07 -1.19	38.80 0.26 -0.74	36.32 0.18 -0.60	33.99 0.27 -0.46	27.02 0.08 -1.10	31.42 0.19 -0.38
NEG CENTRAL___STATE_STREET 24147	31.17 0.00 -0.93	28.81 0.00 0.00	28.26 0.03 0.00	27.22 -0.03 0.00	25.98 0.10 0.00	25.52 0.05 -0.21	25.91 0.13 0.00	24.85 0.10 -0.11	25.35 0.13 -0.04	28.63 0.20 -0.55	30.43 0.26 -0.81	31.91 0.31 -1.02	35.49 0.30 -1.50	36.04 0.14 -1.57	37.77 0.14 -1.81	38.22 0.22 -2.02	41.06 0.42 -2.69	41.28 0.49 -2.87	40.04 0.30 -2.39	40.26 0.45 -2.02	37.58 0.36 -1.68	34.82 0.27 -1.29	26.94 0.10 -1.00	32.04 0.12 -1.06
NEG MILLWOOD___DRP 24198	33.47 3.24 0.00	31.81 3.00 0.00	31.00 2.77 0.00	29.81 2.56 0.00	28.21 2.33 0.00	29.25 2.32 -1.66	28.26 2.48 0.00	27.88 2.39 -0.84	28.08 2.49 -0.40	30.70 2.82 0.00	32.23 2.88 0.00	33.64 3.06 0.00	37.42 3.50 -0.23	37.91 3.57 0.00	39.65 3.83 0.00	41.13 3.89 -1.25	46.33 4.14 -4.24	50.60 4.21 -8.48	45.70 4.07 -4.29	41.90 3.82 -0.29	39.13 3.59 0.00	36.56 3.29 0.00	36.42 2.56 -8.02	34.04 2.99 -0.18

NEG NORTH_FLCN_SEA 23793	31.02 0.79 0.00	29.56 0.75 0.00	28.97 0.73 0.00	28.01 0.76 0.00	26.47 0.60 0.00	25.89 0.63 0.00	26.48 0.70 0.00	25.39 0.74 0.00	26.05 0.86 0.00	28.83 0.95 0.00	30.33 0.97 0.00	31.65 1.07 0.00	34.86 1.18 0.00	35.61 1.27 0.00	37.11 1.29 0.00	37.25 1.26 0.00	39.33 1.37 0.00	39.17 1.25 0.00	38.77 1.42 0.00	39.34 1.55 0.00	36.86 1.32 0.00	34.56 1.30 0.00	26.79 0.96 0.00	32.04 1.17 0.00
NEG NORTH_KES_CHATEGAY 23792	30.66 0.42 0.00	29.22 0.40 0.00	28.63 0.40 0.00	27.68 0.44 0.00	26.14 0.26 0.00	25.59 0.33 0.00	26.15 0.36 0.00	25.07 0.42 0.00	25.72 0.53 0.00	28.47 0.59 0.00	29.94 0.59 0.00	31.26 0.67 0.00	34.39 0.71 0.00	35.16 0.82 0.00	36.68 0.86 0.00	36.78 0.79 0.00	38.83 0.87 0.00	38.68 0.76 0.00	38.28 0.93 0.00	38.81 1.02 0.00	36.39 0.85 0.00	34.13 0.86 0.00	26.46 0.62 0.00	31.63 0.77 0.00
NEG NORTH___ALICE_FALLS 23915	31.05 0.82 0.00	29.56 0.75 0.00	29.00 0.76 0.00	28.01 0.76 0.00	26.47 0.60 0.00	25.89 0.63 0.00	26.51 0.72 0.00	25.41 0.76 0.00	26.10 0.91 0.00	28.86 0.98 0.00	30.35 1.00 0.00	31.71 1.13 0.00	34.93 1.25 0.00	35.68 1.34 0.00	37.18 1.36 0.00	37.32 1.33 0.00	39.44 1.48 0.00	39.24 1.33 0.00	38.84 1.49 0.00	39.45 1.66 0.00	36.93 1.39 0.00	34.66 1.40 0.00	26.82 0.98 0.00	32.10 1.23 0.00
NEG NORTH___LWR_SARANAC 23913	31.05 0.82 0.00	29.56 0.75 0.00	29.00 0.76 0.00	28.01 0.76 0.00	26.47 0.60 0.00	25.89 0.63 0.00	26.51 0.72 0.00	25.41 0.76 0.00	26.10 0.91 0.00	28.86 0.98 0.00	30.35 1.00 0.00	31.71 1.13 0.00	34.93 1.25 0.00	35.68 1.34 0.00	37.18 1.36 0.00	37.32 1.33 0.00	39.44 1.48 0.00	39.24 1.33 0.00	38.84 1.49 0.00	39.45 1.66 0.00	36.93 1.39 0.00	34.66 1.40 0.00	26.82 0.98 0.00	32.10 1.23 0.00
NEG NORTH___PLATTSBURG 23628	31.05 0.82 0.00	29.56 0.75 0.00	29.00 0.76 0.00	28.01 0.76 0.00	26.47 0.60 0.00	25.89 0.63 0.00	26.51 0.72 0.00	25.41 0.76 0.00	26.10 0.91 0.00	28.86 0.98 0.00	30.36 1.00 0.00	31.71 1.13 0.00	34.93 1.25 0.00	35.67 1.34 0.00	37.22 1.40 0.00	37.32 1.33 0.00	39.36 1.41 0.00	39.24 1.33 0.00	38.84 1.50 0.00	39.45 1.66 0.00	36.93 1.38 0.00	34.66 1.40 0.00	26.84 1.01 0.00	32.10 1.24 0.00
NEG WEST_LEA_LOCKPORT 23791	28.85 -1.39 0.00	27.66 -1.15 0.00	27.02 -1.21 0.00	26.35 -0.90 0.00	25.18 -0.70 0.00	24.85 -0.66 -0.25	25.14 -0.64 0.00	23.69 -1.08 -0.12	24.15 -1.08 -0.05	26.88 -1.00 0.00	28.48 -0.88 0.00	29.85 -0.73 0.00	32.34 -1.35 0.00	33.10 -1.24 0.00	34.57 -1.25 0.00	34.85 -1.33 -0.19	37.07 -1.52 -0.63	37.42 -1.44 -0.94	36.17 -1.68 -0.51	36.39 -1.44 -0.03	34.19 -1.35 0.00	32.10 -1.16 0.00	26.05 -0.93 -1.14	30.12 -0.74 0.00
NEG WEST___LANCASTR 23811	29.51 -0.73 0.00	28.15 -0.66 0.00	27.50 -0.73 0.00	26.54 -0.71 0.00	25.44 -0.44 0.00	24.26 -1.29 -0.29	25.42 -0.36 0.00	23.37 -1.43 -0.15	24.77 -0.48 -0.06	27.55 -0.33 0.00	29.12 -0.23 0.00	30.49 -0.09 0.00	33.14 -0.54 0.00	33.86 -0.48 0.00	35.39 -0.43 0.00	34.41 -1.80 -0.22	36.83 -1.86 -0.73	37.50 -1.55 -1.13	37.24 -0.71 -0.61	37.27 -0.57 -0.04	34.97 -0.57 0.00	32.76 -0.50 0.00	25.77 -1.40 -1.33	30.46 -0.40 0.00
NEG_PENN_ALLEGHNY 23528	30.94 0.30 -0.39	29.07 0.26 0.00	28.54 0.31 0.00	27.46 0.22 0.00	26.19 0.31 0.00	25.98 0.20 -0.52	26.12 0.33 0.00	25.11 0.20 -0.26	25.63 0.33 -0.11	28.54 0.42 -0.23	30.17 0.47 -0.34	31.54 0.52 -0.43	34.83 0.51 -0.64	35.45 0.45 -0.66	37.05 0.46 -0.77	37.57 0.40 -1.18	40.80 0.61 -2.24	41.66 0.64 -3.09	39.93 0.56 -2.02	39.32 0.60 -0.92	36.82 0.57 -0.71	34.11 0.30 -0.55	28.51 0.26 -2.42	31.71 0.40 -0.45
NEG___GEN_MONROE 24207	29.57 -0.67 0.00	28.24 -0.58 0.00	27.67 -0.56 0.00	26.81 -0.44 0.00	25.59 -0.28 0.00	25.31 -0.15 -0.20	25.48 -0.31 0.00	24.28 -0.47 -0.10	24.67 -0.55 -0.04	27.41 -0.47 0.00	28.97 -0.38 0.00	30.25 -0.34 0.00	33.04 -0.64 0.00	33.79 -0.55 0.00	35.28 -0.54 0.00	35.68 -0.47 -0.15	37.95 -0.53 -0.52	38.13 -0.53 -0.74	36.85 -0.90 -0.40	37.25 -0.57 -0.03	34.97 -0.57 0.00	32.70 -0.57 0.00	26.42 -0.36 -0.94	30.55 -0.31 0.00
NEPA___ENERGY 23901	29.69 -0.54 0.00	28.32 -0.49 0.00	27.67 -0.56 0.00	26.73 -0.52 0.00	25.59 -0.28 0.00	25.00 -0.56 -0.29	25.55 -0.23 0.00	24.18 -0.62 -0.15	25.00 -0.25 -0.06	27.77 -0.11 0.00	29.36 0.00 0.00	30.74 0.15 0.00	33.41 -0.27 0.00	34.16 -0.17 0.00	35.68 -0.14 0.00	35.60 -0.61 -0.22	38.10 -0.61 -0.75	38.63 -0.46 -1.17	37.56 -0.41 -0.63	37.57 -0.26 -0.04	35.26 -0.28 0.00	33.03 -0.23 0.00	26.66 -0.54 -1.37	30.74 -0.12 0.00
NEVERSINK___HYD 23608	32.42 2.18 0.00	30.83 2.02 0.00	30.01 1.78 0.00	28.91 1.66 0.00	27.48 1.60 0.00	28.12 1.44 -1.42	27.36 1.57 0.00	26.85 1.48 -0.72	27.00 1.46 -0.35	29.50 1.62 0.00	30.97 1.61 0.00	32.26 1.68 0.00	35.90 2.09 -0.13	36.40 2.06 0.00	38.11 2.29 0.00	39.40 2.34 -1.07	44.30 2.73 -3.61	48.14 2.85 -7.37	43.89 2.72 -3.82	40.39 2.34 -0.26	37.85 2.31 0.00	35.36 2.10 0.00	34.23 1.65 -6.74	32.97 2.00 -0.10
NEWKRMKL_115KV_TB1 55635	31.33 1.09 0.00	29.79 0.98 0.00	29.16 0.93 0.00	28.20 0.95 0.00	26.84 0.96 0.00	28.28 0.93 -2.09	26.76 0.98 0.00	26.59 0.89 -1.06	27.04 0.93 -0.92	28.89 1.00 0.00	30.44 1.09 0.00	31.68 1.10 0.00	34.62 1.25 0.30	35.64 1.30 0.00	37.18 1.36 0.00	38.93 1.37 -1.57	44.71 1.44 -5.31	57.06 1.48 -17.67	48.76 1.42 -9.99	39.86 1.40 -0.67	36.89 1.35 0.00	34.49 1.23 0.00	35.98 0.88 -9.26	31.67 1.05 0.24
NEWTON___FALLS_HYD 23847	30.13 -0.45 -0.34	28.35 -0.46 0.00	27.75 -0.48 0.00	26.75 -0.49 0.00	25.33 -0.54 0.00	24.75 -0.56 -0.04	25.27 -0.52 0.00	24.20 -0.47 -0.02	24.74 -0.45 0.00	27.59 -0.50 -0.20	29.04 -0.62 -0.30	30.26 -0.70 -0.38	33.36 -0.88 -0.55	33.99 -0.93 -0.58	35.52 -0.97 -0.67	35.78 -0.94 -0.72	38.07 -0.80 -0.91	37.98 -0.72 -0.78	37.40 -0.67 -0.73	37.96 -0.57 -0.73	35.52 -0.64 -0.62	33.27 -0.47 -0.48	25.77 -0.28 -0.22	31.04 -0.22 -0.39
NGRID_A1_DSASP 323792	28.73 -1.51 0.00	27.35 -1.47 0.00	26.85 -1.38 0.00	25.77 -1.47 0.00	24.64 -1.24 0.00	24.68 -0.83 -0.25	24.65 -1.13 0.00	23.27 -1.50 -0.13	23.63 -1.61 -0.05	26.33 -1.56 0.00	27.89 -1.47 0.00	29.21 -1.38 0.00	31.70 -1.99 0.00	32.41 -1.92 0.00	33.78 -2.04 0.00	34.24 -1.94 -0.19	36.62 -1.98 -0.64	36.72 -2.16 -0.96	35.40 -2.47 -0.52	35.56 -2.27 -0.03	33.44 -2.10 0.00	31.30 -1.96 0.00	25.68 -1.32 -1.16	29.60 -1.27 0.00
NGRID_A2_DSASP 323793	28.73 -1.51 0.00	27.35 -1.47 0.00	26.85 -1.38 0.00	25.77 -1.47 0.00	24.64 -1.24 0.00	24.68 -0.83 -0.25	24.65 -1.13 0.00	23.27 -1.50 -0.13	23.63 -1.61 -0.05	26.33 -1.56 0.00	27.89 -1.47 0.00	29.21 -1.38 0.00	31.70 -1.99 0.00	32.41 -1.92 0.00	33.78 -2.04 0.00	34.24 -1.94 -0.19	36.62 -1.98 -0.64	36.72 -2.16 -0.96	35.40 -2.47 -0.52	35.56 -2.27 -0.03	33.44 -2.10 0.00	31.30 -1.96 0.00	25.68 -1.32 -1.16	29.60 -1.27 0.00

RAVENSWOOD_GT_10 24258	33.32 3.08 0.00	31.67 2.85 0.00	30.83 2.60 0.00	29.64 2.40 0.00	28.15 2.28 0.00	29.12 2.22 -1.64	28.13 2.35 0.00	27.77 2.29 -0.83	27.90 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.29 3.33 -0.27	37.77 3.43 0.00	39.37 3.55 0.00	40.68 3.46 -1.24	45.78 3.64 -4.18	49.89 3.56 -8.41	45.02 3.47 -4.20	41.32 3.25 -0.28	38.74 3.20 0.00	36.32 3.06 0.00	36.33 2.53 -7.96	34.04 2.96 -0.21
RAVENSWOOD_GT_11 24259	33.29 3.05 0.00	31.67 2.85 0.00	30.80 2.57 0.00	29.64 2.40 0.00	28.15 2.28 0.00	29.13 2.22 -1.64	28.13 2.35 0.00	27.75 2.27 -0.83	27.89 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.26 3.30 -0.27	37.74 3.40 0.00	39.37 3.55 0.00	40.68 3.46 -1.24	45.82 3.68 -4.18	49.89 3.56 -8.41	45.02 3.47 -4.20	41.32 3.25 -0.28	38.74 3.20 0.00	36.32 3.06 0.00	36.25 2.46 -7.96	34.01 2.93 -0.21
RAVENSWOOD_GT_4 24252	33.32 3.08 0.01	31.66 2.85 0.01	30.82 2.60 0.01	29.64 2.40 0.01	28.12 2.25 0.01	29.12 2.22 -1.63	28.11 2.32 0.00	27.75 2.27 -0.83	27.90 2.32 -0.39	30.51 2.62 0.00	32.08 2.73 0.01	33.48 2.91 0.01	37.25 3.30 -0.27	37.76 3.43 0.01	39.33 3.51 0.01	40.65 3.42 -1.24	45.78 3.64 -4.18	49.89 3.56 -8.41	45.02 3.47 -4.20	41.32 3.25 -0.28	38.74 3.20 0.00	36.30 3.03 -0.01	36.30 2.51 -7.96	34.00 2.93 -0.21
RAVENSWOOD_GT_5 24254	33.32 3.08 0.01	31.66 2.85 0.01	30.82 2.60 0.01	29.64 2.40 0.01	28.12 2.25 0.01	29.12 2.22 -1.63	28.11 2.32 0.00	27.75 2.27 -0.83	27.90 2.32 -0.39	30.51 2.62 0.00	32.08 2.73 0.01	33.48 2.91 0.01	37.25 3.30 -0.27	37.76 3.43 0.01	39.33 3.51 0.01	40.65 3.42 -1.24	45.78 3.64 -4.18	49.89 3.56 -8.41	45.02 3.47 -4.20	41.32 3.25 -0.28	38.74 3.20 0.00	36.30 3.03 -0.01	36.30 2.51 -7.96	34.00 2.93 -0.21
RAVENSWOOD_GT_6 24253	33.32 3.08 0.01	31.66 2.85 0.01	30.82 2.60 0.01	29.64 2.40 0.01	28.12 2.25 0.01	29.12 2.22 -1.63	28.11 2.32 0.00	27.75 2.27 -0.83	27.90 2.32 -0.39	30.51 2.62 0.00	32.08 2.73 0.01	33.48 2.91 0.01	37.25 3.30 -0.27	37.76 3.43 0.01	39.33 3.51 0.01	40.65 3.42 -1.24	45.78 3.64 -4.18	49.89 3.56 -8.41	45.02 3.47 -4.20	41.32 3.25 -0.28	38.74 3.20 0.00	36.30 3.03 -0.01	36.30 2.51 -7.96	34.00 2.93 -0.21
RAVENSWOOD_GT_7 24255	33.32 3.08 0.01	31.66 2.85 0.01	30.82 2.60 0.01	29.64 2.40 0.01	28.12 2.25 0.01	29.12 2.22 -1.63	28.11 2.32 0.00	27.75 2.27 -0.83	27.90 2.32 -0.39	30.51 2.62 0.00	32.08 2.73 0.01	33.48 2.91 0.01	37.25 3.30 -0.27	37.76 3.43 0.01	39.33 3.51 0.01	40.65 3.42 -1.24	45.78 3.64 -4.18	49.89 3.56 -8.41	45.02 3.47 -4.20	41.32 3.25 -0.28	38.74 3.20 0.00	36.30 3.03 -0.01	36.30 2.51 -7.96	34.00 2.93 -0.21
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.32 3.08 0.00	31.67 2.85 0.00	30.83 2.60 0.00	29.64 2.40 0.00	28.15 2.28 0.00	29.12 2.22 -1.64	28.13 2.35 0.00	27.77 2.29 -0.83	27.90 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.29 3.33 -0.27	37.77 3.43 0.00	39.37 3.55 0.00	40.68 3.46 -1.24	45.78 3.64 -4.18	49.89 3.56 -8.41	45.02 3.47 -4.20	41.32 3.25 -0.28	38.74 3.20 0.00	36.32 3.06 0.00	36.33 2.53 -7.96	34.04 2.96 -0.21
RAVENSWOOD_GT_9 24257	33.32 3.08 0.00	31.67 2.85 0.00	30.83 2.60 0.00	29.64 2.40 0.00	28.15 2.28 0.00	29.12 2.22 -1.64	28.13 2.35 0.00	27.77 2.29 -0.83	27.90 2.32 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.29 3.33 -0.27	37.77 3.43 0.00	39.37 3.55 0.00	40.68 3.46 -1.24	45.78 3.64 -4.18	49.89 3.56 -8.41	45.02 3.47 -4.20	41.32 3.25 -0.28	38.74 3.20 0.00	36.32 3.06 0.00	36.33 2.53 -7.96	34.04 2.96 -0.21
RAVENSWOOD___1 23533	33.42 3.17 -0.01	31.82 3.00 -0.01	30.95 2.71 -0.01	29.76 2.50 -0.01	28.29 2.41 -0.01	29.26 2.35 -1.65	28.24 2.45 0.00	27.85 2.37 -0.83	27.95 2.37 -0.39	30.62 2.73 0.00	32.24 2.88 -0.01	33.65 3.06 -0.01	37.40 3.44 -0.28	37.88 3.54 -0.01	39.52 3.69 -0.01	40.79 3.56 -1.24	45.93 3.80 -4.18	49.97 3.64 -8.41	45.10 3.55 -4.20	41.44 3.36 -0.28	38.88 3.34 0.00	36.50 3.23 -0.01	36.39 2.58 -7.97	34.17 3.09 -0.22
RAVENSWOOD___2 23534	33.42 3.17 -0.01	31.79 2.97 -0.01	30.92 2.68 -0.01	29.76 2.50 -0.01	28.26 2.38 -0.01	29.23 2.32 -1.65	28.24 2.45 0.00	27.82 2.34 -0.83	27.92 2.34 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.40 3.44 -0.28	37.88 3.54 -0.01	39.52 3.69 -0.01	40.79 3.56 -1.24	45.89 3.76 -4.18	49.97 3.64 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.88 3.34 0.00	36.46 3.19 -0.01	36.39 2.58 -7.97	34.14 3.06 -0.22
RAVENSWOOD___3 23535	33.29 3.05 0.00	31.67 2.85 0.00	30.83 2.60 0.00	29.64 2.40 0.00	28.18 2.30 0.00	29.15 2.25 -1.64	28.13 2.35 0.00	27.77 2.29 -0.83	27.89 2.32 -0.39	30.54 2.65 0.00	32.12 2.76 0.00	33.52 2.94 0.00	37.26 3.30 -0.27	37.74 3.40 0.00	39.37 3.55 0.00	40.68 3.46 -1.24	45.82 3.68 -4.18	49.93 3.60 -8.41	45.02 3.47 -4.20	41.32 3.25 -0.28	38.74 3.20 0.00	36.32 3.06 0.00	36.28 2.48 -7.96	34.01 2.93 -0.21
RAVENSWOOD___4 23820	33.42 3.17 -0.01	31.79 2.97 -0.01	30.92 2.68 -0.01	29.76 2.50 -0.01	28.26 2.38 -0.01	29.23 2.32 -1.65	28.21 2.42 0.00	27.82 2.34 -0.83	27.92 2.34 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.40 3.44 -0.28	37.88 3.54 -0.01	39.52 3.69 -0.01	40.76 3.53 -1.24	45.89 3.76 -4.18	49.93 3.60 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.88 3.34 0.00	36.45 3.19 0.01	36.37 2.56 -7.97	34.14 3.06 -0.22
RCPL_TRUST___DRP 24196	33.32 3.08 0.00	31.64 2.82 0.00	30.83 2.60 0.00	29.62 2.37 0.00	28.13 2.25 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.92 2.34 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.29 3.33 -0.27	37.77 3.43 0.00	39.37 3.55 0.00	40.68 3.46 -1.24	45.82 3.68 -4.18	49.97 3.64 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.78 3.23 0.00	36.29 3.03 0.00	36.31 2.51 -7.96	33.98 2.90 -0.21
RED___ROCHESTER 323720	29.69 -0.54 0.00	28.21 -0.61 0.00	27.81 -0.42 0.00	26.78 -0.46 0.00	25.52 -0.36 0.00	25.34 -0.13 -0.20	25.53 -0.26 0.00	24.43 -0.32 -0.10	24.77 -0.45 -0.04	27.52 -0.36 0.00	29.12 -0.24 0.00	30.46 -0.12 0.00	33.35 -0.34 0.00	33.99 -0.34 0.00	35.46 -0.36 0.00	35.89 -0.25 -0.15	38.39 -0.08 -0.51	38.42 -0.23 -0.73	37.07 -0.67 -0.39	37.51 -0.30 -0.03	35.26 -0.29 0.00	33.06 -0.20 0.00	26.64 -0.13 -0.93	30.74 -0.12 0.00
REGAN___SOLAR 323812	35.17 4.93 0.00	33.36 4.55 0.00	32.58 4.35 0.00	31.41 4.17 0.00	30.07 4.19 0.00	31.55 4.14 -2.15	30.09 4.31 0.00	29.80 4.07 -1.09	30.76 4.23 -1.34	32.26 4.38 0.00	33.55 4.20 0.00	34.90 4.31 0.00	37.99 4.58 0.27	39.39 5.05 0.00	41.26 5.44 0.00	43.44 5.83 -1.62	49.96 6.53 -5.47	70.52 6.71 -25.89	58.44 6.61 -14.48	45.72 6.95 -0.97	41.90 6.36 0.00	39.02 5.76 0.00	39.65 4.21 -9.60	35.52 4.87 0.22

RENSSELAER___COGEN 23796	31.18 0.94 0.00	29.71 0.89 0.00	29.02 0.79 0.00	28.14 0.90 0.00	26.81 0.93 0.00	28.22 0.88 -2.07	26.69 0.90 0.00	26.54 0.84 -1.05	26.90 0.86 -0.85	28.81 0.92 0.00	30.32 0.97 0.00	31.56 0.98 0.00	34.49 1.11 0.30	35.50 1.17 0.00	37.07 1.25 0.00	38.78 1.22 -1.56	44.57 1.33 -5.28	55.59 1.36 -16.31	47.90 1.31 -9.24	39.70 1.29 -0.62	36.79 1.24 0.00	34.36 1.10 0.00	35.87 0.83 -9.21	31.61 0.99 0.24
REPUBLIC_115KV_BARTNBRK 55605	34.47 4.23 0.00	32.62 3.80 0.00	31.71 3.47 0.00	30.54 3.30 0.00	29.24 3.36 0.00	30.68 3.28 -2.13	29.29 3.51 0.00	29.13 3.40 -1.08	30.25 3.80 -1.26	32.04 4.16 0.00	33.82 4.46 0.00	35.11 4.53 0.00	37.72 4.38 0.34	38.83 4.50 0.00	40.44 4.62 0.00	42.28 4.68 -1.61	48.13 4.74 -5.43	67.12 4.97 -24.23	55.77 4.78 -13.65	43.81 5.10 -0.92	40.41 4.87 0.00	37.92 4.66 0.00	38.50 3.23 -9.44	34.61 4.01 0.27
REVERE_CPPR_DRP 24186	31.25 0.73 -0.28	29.51 0.69 0.00	28.88 0.65 0.00	27.82 0.57 0.00	26.47 0.60 0.00	25.85 0.51 -0.08	26.46 0.67 0.00	25.31 0.62 -0.04	25.79 0.60 0.00	28.75 0.70 -0.17	30.34 0.73 -0.25	31.57 0.67 -0.31	34.88 0.74 -0.46	35.53 0.72 -0.48	37.16 0.79 -0.55	37.41 0.79 -0.63	40.00 1.18 -0.87	39.82 1.25 -0.65	39.03 1.08 -0.60	39.64 1.25 -0.60	37.12 1.07 -0.51	34.52 0.86 -0.39	26.80 0.57 -0.39	31.96 0.77 -0.32
REYNOLDS_115KV_TB3 80639	31.45 1.21 0.00	29.94 1.12 0.00	29.31 1.07 0.00	28.31 1.06 0.00	26.96 1.09 0.00	28.40 1.06 -2.08	26.89 1.11 0.00	26.71 1.01 -1.05	27.13 1.03 -0.90	29.00 1.12 0.00	30.56 1.20 0.00	31.78 1.19 0.00	34.67 1.35 0.36	35.78 1.44 0.00	37.32 1.50 0.00	39.03 1.48 -1.56	44.80 1.56 -5.29	56.72 1.59 -17.21	48.68 1.53 -9.80	40.00 1.55 -0.66	37.00 1.46 0.00	34.59 1.33 0.00	35.97 0.98 -9.15	31.75 1.17 0.28
RIVERBAY____ 323610	34.06 3.81 -0.01	32.37 3.54 -0.01	31.54 3.30 -0.01	30.33 3.08 -0.01	28.81 2.92 -0.01	29.77 2.85 -1.65	28.70 2.91 0.00	28.22 2.74 -0.83	28.22 2.64 -0.39	30.98 3.10 0.00	32.68 3.32 -0.01	34.08 3.49 -0.01	37.90 3.94 -0.28	38.40 4.05 -0.01	40.05 4.23 -0.01	41.37 4.14 -1.24	46.50 4.37 -4.18	50.57 4.25 -8.41	45.69 4.15 -4.20	41.93 3.85 -0.28	39.42 3.87 0.00	36.96 3.69 -0.01	36.88 3.07 -7.97	34.76 3.67 -0.22
RIVERSDE_115KV_TB3 55908	31.39 1.15 0.00	29.85 1.04 0.00	29.22 0.99 0.00	28.25 1.01 0.00	26.89 1.01 0.00	28.33 0.99 -2.08	26.82 1.03 0.00	26.64 0.94 -1.05	27.08 0.98 -0.91	28.95 1.06 0.00	30.47 1.12 0.00	31.71 1.13 0.00	34.63 1.28 0.33	35.71 1.37 0.00	37.25 1.43 0.00	38.96 1.40 -1.57	44.74 1.48 -5.30	56.84 1.52 -17.41	48.69 1.46 -9.88	39.93 1.47 -0.66	36.93 1.39 0.00	34.53 1.26 0.00	35.97 0.93 -9.20	31.71 1.11 0.26
ROARING___BROOK_WT_PWR 323790	30.15 -0.09 0.00	28.78 -0.03 0.00	28.20 -0.03 0.00	27.22 -0.03 0.00	25.90 0.03 0.00	25.29 0.03 0.00	25.81 0.03 0.00	24.67 0.02 0.00	25.22 0.03 0.00	27.91 0.03 0.00	29.39 0.03 0.00	30.61 0.03 0.00	33.72 0.03 0.00	34.37 0.03 0.00	35.86 0.04 0.00	36.03 0.04 0.00	38.03 0.08 0.00	37.99 0.08 0.00	37.38 0.04 0.00	37.79 0.00 0.00	35.54 0.00 0.00	33.23 -0.03 0.00	25.81 -0.03 0.00	30.86 0.00 0.00
ROCHESRG_115KV_T4 355643	29.42 -0.82 0.00	28.06 -0.75 0.00	27.47 -0.76 0.00	26.59 -0.65 0.00	25.39 -0.49 0.00	25.13 -0.33 -0.20	25.32 -0.46 0.00	24.23 -0.52 -0.10	24.55 -0.68 -0.04	27.27 -0.61 0.00	28.86 -0.50 0.00	30.15 -0.43 0.00	32.94 -0.74 0.00	33.62 -0.72 0.00	35.10 -0.72 0.00	35.57 -0.58 -0.15	37.82 -0.65 -0.51	38.03 -0.61 -0.72	36.69 -1.05 -0.39	37.10 -0.72 -0.03	34.83 -0.71 0.00	32.60 -0.67 0.00	26.34 -0.41 -0.92	30.40 -0.46 0.00
ROCHESTER_9_IC 23652	29.57 -0.67 0.00	28.18 -0.63 0.00	27.58 -0.65 0.00	26.70 -0.54 0.00	25.49 -0.39 0.00	25.26 -0.20 -0.20	25.45 -0.34 0.00	24.36 -0.39 -0.10	24.67 -0.55 -0.04	27.41 -0.47 0.00	29.00 -0.35 0.00	30.34 -0.24 0.00	33.14 -0.54 0.00	33.82 -0.52 0.00	35.32 -0.50 0.00	35.75 -0.40 -0.15	38.05 -0.42 -0.51	38.23 -0.42 -0.73	36.91 -0.82 -0.39	37.33 -0.49 -0.03	35.04 -0.50 0.00	32.80 -0.47 0.00	26.48 -0.28 -0.93	30.55 -0.31 0.00
ROCKVIEW_13_KV_LD 356306	33.29 3.05 0.00	31.64 2.82 0.00	30.80 2.57 0.00	29.59 2.34 0.00	28.10 2.23 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.92 2.34 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.29 3.33 -0.27	37.80 3.47 0.00	39.44 3.62 0.00	40.79 3.56 -1.24	45.93 3.80 -4.18	50.04 3.72 -8.41	45.17 3.62 -4.20	41.48 3.40 -0.28	38.81 3.27 0.00	36.29 3.03 0.00	36.25 2.45 -7.96	33.95 2.87 -0.21
ROME____115KV_TB2 80656	31.25 0.73 -0.28	29.51 0.69 0.00	28.88 0.65 0.00	27.82 0.57 0.00	26.47 0.60 0.00	25.85 0.51 -0.08	26.46 0.67 0.00	25.31 0.62 -0.04	25.79 0.60 0.00	28.75 0.70 -0.17	30.34 0.73 -0.25	31.57 0.67 -0.31	34.88 0.74 -0.46	35.53 0.72 -0.48	37.16 0.79 -0.55	37.41 0.79 -0.63	40.00 1.18 -0.87	39.82 1.25 -0.65	39.03 1.08 -0.60	39.64 1.25 -0.60	37.12 1.07 -0.51	34.52 0.86 -0.39	26.80 0.57 -0.39	31.96 0.77 -0.32
ROSETON___1 23587	32.42 2.18 0.00	30.86 2.05 0.00	30.10 1.86 0.00	29.02 1.77 0.00	27.59 1.71 0.00	28.57 1.67 -1.64	27.54 1.75 0.00	27.18 1.70 -0.83	27.31 1.74 -0.39	29.81 1.92 0.00	31.32 1.97 0.00	32.66 2.08 0.00	36.28 2.36 -0.25	36.77 2.44 0.00	38.40 2.58 0.00	39.78 2.56 -1.24	44.87 2.73 -4.18	48.95 2.73 -8.30	44.14 2.61 -4.18	40.53 2.46 -0.28	37.92 2.38 0.00	35.46 2.19 0.00	35.52 1.76 -7.93	33.16 2.10 -0.19
ROSETON___2 23588	32.42 2.18 0.00	30.86 2.05 0.00	30.10 1.86 0.00	29.02 1.77 0.00	27.59 1.71 0.00	28.57 1.67 -1.64	27.54 1.75 0.00	27.18 1.70 -0.83	27.31 1.74 -0.39	29.81 1.92 0.00	31.32 1.97 0.00	32.66 2.08 0.00	36.28 2.36 -0.25	36.77 2.44 0.00	38.40 2.58 0.00	39.78 2.56 -1.24	44.87 2.73 -4.18	48.95 2.73 -8.30	44.14 2.61 -4.18	40.53 2.46 -0.28	37.92 2.38 0.00	35.46 2.19 0.00	35.52 1.76 -7.93	33.16 2.10 -0.19
ROTTDAM_115KV_TB3 80664	31.81 1.57 0.00	30.28 1.47 0.00	29.62 1.38 0.00	28.61 1.36 0.00	27.22 1.35 0.00	28.75 1.34 -2.15	27.15 1.37 0.00	27.04 1.31 -1.09	27.89 1.36 -1.34	29.34 1.45 0.00	30.88 1.53 0.00	32.14 1.56 0.00	35.09 1.68 0.27	36.12 1.79 0.00	37.68 1.86 0.00	39.48 1.87 -1.62	45.44 2.01 -5.47	65.86 2.05 -25.89	53.81 1.98 -14.48	40.73 1.97 -0.97	37.43 1.88 0.00	35.03 1.76 0.00	36.75 1.32 -9.60	32.22 1.57 0.22
RUSSELL___1 23602	29.66 -0.57 0.00	28.27 -0.55 0.00	27.67 -0.56 0.00	26.78 -0.46 0.00	25.57 -0.31 0.00	25.34 -0.13 -0.20	25.53 -0.26 0.00	24.43 -0.32 -0.10	24.77 -0.45 -0.04	27.52 -0.36 0.00	29.15 -0.21 0.00	30.46 -0.12 0.00	33.28 -0.40 0.00	33.96 -0.38 0.00	35.50 -0.32 0.00	35.89 -0.25 -0.15	38.24 -0.23 -0.51	38.42 -0.23 -0.73	37.06 -0.67 -0.39	37.52 -0.30 -0.03	35.26 -0.28 0.00	32.96 -0.30 0.00	26.61 -0.16 -0.93	30.68 -0.19 0.00

RUSSELL___2 23532	29.66 -0.57 0.00	28.27 -0.55 0.00	27.67 -0.56 0.00	26.78 -0.46 0.00	25.57 -0.31 0.00	25.34 -0.13 -0.20	25.53 -0.26 0.00	24.43 -0.32 -0.10	24.77 -0.45 -0.04	27.52 -0.36 0.00	29.15 -0.21 0.00	30.46 -0.12 0.00	33.28 -0.40 0.00	33.96 -0.38 0.00	35.50 -0.32 0.00	35.89 -0.25 -0.15	38.24 -0.23 -0.51	38.42 -0.23 -0.73	37.06 -0.67 -0.39	37.52 -0.30 -0.03	35.26 -0.28 0.00	32.96 -0.30 0.00	26.61 -0.16 -0.93	30.68 -0.19 0.00
RUSSELL___3 23549	29.66 -0.57 0.00	28.27 -0.55 0.00	27.67 -0.56 0.00	26.78 -0.46 0.00	25.57 -0.31 0.00	25.34 -0.13 -0.20	25.53 -0.26 0.00	24.43 -0.32 -0.10	24.77 -0.45 -0.04	27.52 -0.36 0.00	29.15 -0.21 0.00	30.46 -0.12 0.00	33.28 -0.40 0.00	33.96 -0.38 0.00	35.50 -0.32 0.00	35.89 -0.25 -0.15	38.24 -0.23 -0.51	38.42 -0.23 -0.73	37.06 -0.67 -0.39	37.52 -0.30 -0.03	35.26 -0.28 0.00	32.96 -0.30 0.00	26.61 -0.16 -0.93	30.68 -0.19 0.00
RUSSELL___4 23556	29.66 -0.57 0.00	28.27 -0.55 0.00	27.67 -0.56 0.00	26.78 -0.46 0.00	25.57 -0.31 0.00	25.34 -0.13 -0.20	25.53 -0.26 0.00	24.43 -0.32 -0.10	24.77 -0.45 -0.04	27.52 -0.36 0.00	29.15 -0.21 0.00	30.46 -0.12 0.00	33.28 -0.40 0.00	33.96 -0.38 0.00	35.50 -0.32 0.00	35.89 -0.25 -0.15	38.24 -0.23 -0.51	38.42 -0.23 -0.73	37.06 -0.67 -0.39	37.52 -0.30 -0.03	35.26 -0.28 0.00	32.96 -0.30 0.00	26.61 -0.16 -0.93	30.68 -0.19 0.00
RUSSELL___STATION 23914	29.66 -0.57 0.00	28.27 -0.55 0.00	27.67 -0.56 0.00	26.78 -0.46 0.00	25.57 -0.31 0.00	25.34 -0.13 -0.20	25.53 -0.26 0.00	24.43 -0.32 -0.10	24.77 -0.45 -0.04	27.52 -0.36 0.00	29.15 -0.21 0.00	30.46 -0.12 0.00	33.28 -0.40 0.00	33.96 -0.38 0.00	35.50 -0.32 0.00	35.89 -0.25 -0.15	38.24 -0.23 -0.51	38.42 -0.23 -0.73	37.06 -0.67 -0.39	37.52 -0.30 -0.03	35.26 -0.28 0.00	32.96 -0.30 0.00	26.61 -0.16 -0.93	30.68 -0.19 0.00
S SALMON___HYD 24043	31.11 -0.45 -1.32	28.38 -0.43 0.00	27.84 -0.40 0.00	26.81 -0.44 0.00	25.52 -0.36 0.00	25.00 -0.38 -0.12	25.48 -0.31 0.00	24.41 -0.29 -0.06	24.86 -0.33 0.00	28.33 -0.33 -0.78	30.18 -0.32 -1.15	31.67 -0.37 -1.45	35.31 -0.50 -2.13	35.98 -0.58 -2.22	37.64 -0.75 -2.57	37.96 -0.76 -2.73	40.75 -0.57 -3.36	40.41 -0.49 -2.99	39.52 -0.64 -2.81	40.08 -0.53 -2.82	37.36 -0.57 -2.38	34.60 -0.50 -1.83	26.08 -0.34 -0.58	31.99 -0.37 -1.50
S.PERRY___115KV_TB1 80734	30.63 0.39 0.00	29.16 0.35 0.00	28.54 0.31 0.00	27.57 0.33 0.00	26.40 0.52 0.00	26.02 0.48 -0.28	26.38 0.59 0.00	25.21 0.42 -0.14	25.65 0.40 -0.05	28.36 0.47 0.00	29.91 0.56 0.00	31.22 0.64 0.00	34.12 0.44 0.00	34.71 0.38 0.00	36.32 0.50 0.00	36.71 0.50 -0.21	39.47 0.80 -0.72	40.08 1.06 -1.10	38.72 0.78 -0.59	39.08 1.25 -0.04	36.64 1.10 0.00	34.23 0.96 0.00	27.73 0.59 -1.30	31.73 0.86 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.30 -0.94 0.00	27.95 -0.86 0.00	27.33 -0.90 0.00	26.43 -0.82 0.00	25.33 -0.54 0.00	24.94 -0.58 -0.26	25.24 -0.54 0.00	23.80 -0.99 -0.13	24.33 -0.91 -0.05	27.08 -0.81 0.00	28.68 -0.68 0.00	30.03 -0.55 0.00	32.57 -1.11 0.00	33.34 -1.00 0.00	34.82 -1.00 0.00	35.04 -1.15 -0.20	37.29 -1.33 -0.66	37.71 -1.21 -1.01	36.51 -1.38 -0.54	36.66 -1.17 -0.04	34.44 -1.10 0.00	32.30 -0.96 0.00	26.19 -0.85 -1.21	30.28 -0.59 0.00
SAWYER___23_KV_LOAD 55526	29.30 -0.94 0.00	27.95 -0.86 0.00	27.33 -0.90 0.00	26.43 -0.82 0.00	25.33 -0.54 0.00	24.94 -0.58 -0.26	25.24 -0.54 0.00	23.80 -0.99 -0.13	24.33 -0.91 -0.05	27.08 -0.81 0.00	28.68 -0.68 0.00	30.03 -0.55 0.00	32.57 -1.11 0.00	33.34 -1.00 0.00	34.82 -1.00 0.00	35.04 -1.15 -0.20	37.29 -1.33 -0.66	37.71 -1.21 -1.01	36.51 -1.38 -0.54	36.66 -1.17 -0.04	34.44 -1.10 0.00	32.30 -0.96 0.00	26.19 -0.85 -1.21	30.28 -0.59 0.00
SELKIRK___I 23801	31.54 1.30 0.00	30.05 1.24 0.00	29.36 1.13 0.00	28.44 1.20 0.00	27.09 1.22 0.00	28.47 1.16 -2.04	26.97 1.19 0.00	26.77 1.08 -1.03	27.05 1.13 -0.72	29.08 1.20 0.00	30.65 1.29 0.00	31.90 1.31 0.00	34.93 1.45 0.20	35.88 1.55 0.00	37.43 1.61 0.00	39.11 1.58 -1.54	44.87 1.71 -5.20	53.63 1.71 -14.01	46.84 1.64 -7.85	39.98 1.66 -0.53	37.14 1.60 0.00	34.72 1.46 0.00	36.14 1.11 -9.20	32.03 1.33 0.16
SELKIRK___II 23799	31.32 1.09 0.00	29.85 1.04 0.00	29.19 0.96 0.00	28.25 1.01 0.00	26.91 1.04 0.00	28.31 0.98 -2.07	26.79 1.00 0.00	26.61 0.91 -1.05	26.90 0.96 -0.76	28.92 1.03 0.00	30.44 1.09 0.00	31.68 1.10 0.00	34.69 1.25 0.23	35.64 1.30 0.00	37.18 1.36 0.00	38.92 1.37 -1.56	44.70 1.48 -5.27	53.97 1.48 -14.58	47.01 1.46 -8.20	39.74 1.40 -0.55	36.89 1.35 0.00	34.49 1.23 0.00	36.04 0.93 -9.28	31.79 1.11 0.18
SENECA OSWGO___HYD 24041	31.48 -0.60 -1.85	28.27 -0.55 0.00	27.75 -0.48 0.00	26.70 -0.54 0.00	25.44 -0.44 0.00	24.94 -0.45 -0.13	25.37 -0.41 0.00	24.32 -0.40 -0.07	24.76 -0.43 0.00	28.53 -0.45 -1.09	30.52 -0.44 -1.61	32.19 -0.43 -2.04	36.17 -0.50 -2.99	36.87 -0.58 -3.12	38.74 -0.68 -3.60	39.14 -0.65 -3.80	42.05 -0.53 -4.62	41.57 -0.53 -4.19	40.61 -0.67 -3.94	41.14 -0.61 -3.96	38.28 -0.60 -3.34	35.27 -0.57 -2.57	26.06 -0.44 -0.66	32.44 -0.52 -2.10
SENECA___115KV_TB3 355854	29.63 -0.60 0.00	28.29 -0.52 0.00	27.64 -0.59 0.00	26.70 -0.54 0.00	25.59 -0.28 0.00	25.05 -0.48 -0.27	25.55 -0.23 0.00	24.00 -0.79 -0.14	24.71 -0.53 -0.05	27.52 -0.36 0.00	29.12 -0.23 0.00	30.49 -0.09 0.00	33.11 -0.57 0.00	33.86 -0.48 0.00	35.35 -0.47 0.00	35.33 -0.86 -0.20	37.66 -0.99 -0.69	38.14 -0.83 -1.06	37.09 -0.82 -0.57	37.23 -0.60 -0.04	34.94 -0.60 0.00	32.76 -0.50 0.00	26.42 -0.67 -1.26	30.65 -0.22 0.00
SENECA___ENERGY 23797	30.62 -0.39 -0.78	28.44 -0.38 0.00	27.92 -0.31 0.00	26.86 -0.38 0.00	25.62 -0.26 0.00	25.22 -0.25 -0.21	25.61 -0.18 0.00	24.51 -0.25 -0.11	25.00 -0.23 -0.04	28.15 -0.19 -0.46	29.86 -0.18 -0.67	31.31 -0.12 -0.85	34.70 -0.23 -1.25	35.30 -0.34 -1.31	36.94 -0.39 -1.51	37.34 -0.36 -1.71	40.18 -0.11 -2.34	40.38 -0.08 -2.54	39.12 -0.30 -2.07	39.33 -0.15 -1.69	36.77 -0.18 -1.40	34.11 -0.23 -1.08	26.63 -0.21 -1.00	31.53 -0.21 -0.88
SHOEMAKER___GT 23640	32.14 1.91 0.00	30.60 1.79 0.00	29.81 1.58 0.00	28.74 1.50 0.00	27.35 1.47 0.00	28.11 1.39 -1.46	27.25 1.47 0.00	26.79 1.40 -0.74	26.97 1.44 -0.34	29.47 1.59 0.00	30.97 1.61 0.00	32.26 1.68 0.00	35.88 1.99 -0.21	36.36 2.03 0.00	37.97 2.15 0.00	39.25 2.16 -1.10	44.06 2.39 -3.71	47.68 2.39 -7.37	43.37 2.32 -3.71	40.12 2.08 -0.25	37.57 2.02 0.00	35.12 1.86 0.00	34.35 1.47 -7.04	32.82 1.79 -0.17
SHOEMAKR_138KV_BK 111 55601	32.17 1.94 0.00	30.60 1.79 0.00	29.84 1.61 0.00	28.77 1.53 0.00	27.35 1.48 0.00	28.10 1.39 -1.44	27.28 1.50 0.00	26.81 1.43 -0.73	26.99 1.46 -0.34	29.50 1.62 0.00	31.00 1.64 0.00	32.30 1.71 0.00	35.91 2.02 -0.21	36.43 2.09 0.00	38.01 2.19 0.00	39.24 2.16 -1.09	44.03 2.39 -3.68	47.60 2.39 -7.30	43.30 2.28 -3.68	40.12 2.08 -0.25	37.57 2.03 0.00	35.16 1.90 0.00	34.34 1.52 -6.98	32.85 1.82 -0.17

SHOREHAM_IC_1 23715	49.04 4.45 -14.35	41.22 4.24 -8.17	44.81 3.95 -12.62	37.62 3.68 -6.70	36.89 3.49 -7.52	37.29 3.44 -8.59	37.85 3.58 -8.48	38.52 3.45 -10.42	43.87 3.58 -15.11	43.11 4.02 -11.21	49.03 3.94 -15.74	50.58 4.13 -15.87	56.99 4.51 -18.79	59.68 4.67 -20.68	128.91 4.94 -88.14	144.19 4.97 -103.23	160.82 5.35 -117.50	166.73 5.38 -123.43	159.33 5.34 -116.65	135.12 5.22 -92.11	123.24 4.87 -82.83	55.83 4.52 -18.04	48.54 3.77 -18.93	47.15 4.51 -11.78
SHOREHAM_IC_2 23716	49.04 4.45 -14.35	41.22 4.24 -8.17	44.81 3.95 -12.62	37.62 3.68 -6.70	36.89 3.49 -7.52	37.29 3.44 -8.59	37.85 3.58 -8.48	38.52 3.45 -10.42	43.87 3.58 -15.11	43.11 4.02 -11.21	49.03 3.94 -15.74	50.58 4.13 -15.87	56.99 4.51 -18.79	59.68 4.67 -20.68	128.91 4.94 -88.14	144.19 4.97 -103.23	160.82 5.35 -117.50	166.73 5.38 -123.43	159.33 5.34 -116.65	135.12 5.22 -92.11	123.24 4.87 -82.83	55.83 4.52 -18.04	48.54 3.77 -18.93	47.15 4.51 -11.78
SISSONVILLE____ 23735	29.72 -0.70 -0.18	28.12 -0.69 0.00	27.56 -0.68 0.00	26.59 -0.65 0.00	25.08 -0.80 0.00	24.48 -0.78 0.00	24.96 -0.83 0.00	23.91 -0.74 0.00	24.48 -0.71 0.00	27.21 -0.78 -0.10	28.54 -0.97 -0.15	29.74 -1.04 -0.19	32.82 -1.15 -0.29	33.50 -1.13 -0.30	34.95 -1.22 -0.34	35.12 -1.22 -0.35	37.12 -1.25 -0.41	36.99 -1.33 -0.40	36.56 -1.16 -0.38	37.11 -1.06 -0.38	34.76 -1.10 -0.32	32.71 -0.80 -0.25	25.43 -0.41 -0.01	30.75 -0.31 -0.20
SITHE_IND_GS1 24169	23.83 -1.06 5.35	27.83 -0.98 0.00	27.33 -0.90 0.00	26.32 -0.93 0.00	25.05 -0.83 0.00	24.56 -0.81 -0.10	24.96 -0.83 0.00	23.89 -0.81 -0.05	24.33 -0.86 0.00	23.81 -0.92 3.16	23.77 -0.94 4.65	23.72 -0.98 5.88	23.93 -1.11 8.64	24.16 -1.17 9.01	24.16 -1.25 10.41	24.16 -1.22 10.61	24.66 -1.18 12.12	24.66 -1.21 12.04	24.66 -1.31 11.38	25.11 -1.25 11.43	24.71 -1.17 9.66	24.74 -1.10 7.43	25.31 -0.85 -0.33	23.77 -1.02 6.07
SITHE_IND_GS2 24170	23.83 -1.06 5.35	27.83 -0.98 0.00	27.33 -0.90 0.00	26.32 -0.93 0.00	25.05 -0.83 0.00	24.56 -0.81 -0.10	24.96 -0.83 0.00	23.89 -0.81 -0.05	24.33 -0.86 0.00	23.81 -0.92 3.16	23.77 -0.94 4.65	23.72 -0.98 5.88	23.93 -1.11 8.64	24.16 -1.17 9.01	24.16 -1.25 10.41	24.16 -1.22 10.61	24.66 -1.18 12.12	24.66 -1.21 12.04	24.66 -1.31 11.38	25.11 -1.25 11.43	24.71 -1.17 9.66	24.74 -1.10 7.43	25.31 -0.85 -0.33	23.77 -1.02 6.07
SITHE_IND_GS3 24171	23.83 -1.06 5.35	27.83 -0.98 0.00	27.33 -0.90 0.00	26.32 -0.93 0.00	25.05 -0.83 0.00	24.56 -0.81 -0.10	24.96 -0.83 0.00	23.89 -0.81 -0.05	24.33 -0.86 0.00	23.81 -0.92 3.16	23.77 -0.94 4.65	23.72 -0.98 5.88	23.93 -1.11 8.64	24.16 -1.17 9.01	24.16 -1.25 10.41	24.16 -1.22 10.61	24.66 -1.18 12.12	24.66 -1.21 12.04	24.66 -1.31 11.38	25.11 -1.25 11.43	24.71 -1.17 9.66	24.74 -1.10 7.43	25.31 -0.85 -0.33	23.77 -1.02 6.07
SITHE_IND_GS4 24172	23.83 -1.06 5.35	27.83 -0.98 0.00	27.33 -0.90 0.00	26.32 -0.93 0.00	25.05 -0.83 0.00	24.56 -0.81 -0.10	24.96 -0.83 0.00	23.89 -0.81 -0.05	24.33 -0.86 0.00	23.81 -0.92 3.16	23.77 -0.94 4.65	23.72 -0.98 5.88	23.93 -1.11 8.64	24.16 -1.17 9.01	24.16 -1.25 10.41	24.16 -1.22 10.61	24.66 -1.18 12.12	24.66 -1.21 12.04	24.66 -1.31 11.38	25.11 -1.25 11.43	24.71 -1.17 9.66	24.74 -1.10 7.43	25.31 -0.85 -0.33	23.77 -1.02 6.07
SITHE____BATAVIA 24024	29.57 -0.67 0.00	28.06 -0.75 0.00	27.92 -0.31 0.00	26.86 -0.38 0.00	25.64 -0.23 0.00	25.34 -0.15 -0.23	25.66 -0.13 0.00	24.32 -0.44 -0.12	24.78 -0.45 -0.04	27.55 -0.33 0.00	29.18 -0.18 0.00	30.55 -0.03 0.00	33.24 -0.44 0.00	33.96 -0.38 0.00	35.39 -0.43 0.00	35.74 -0.43 -0.17	38.28 -0.26 -0.59	38.37 -0.42 -0.87	37.07 -0.75 -0.47	37.52 -0.30 -0.03	35.26 -0.29 0.00	32.87 -0.40 0.00	26.67 -0.23 -1.07	30.86 0.00
SITHE____INDEPEND 23800	23.80 -1.09 5.35	27.81 -1.01 0.00	27.30 -0.93 0.00	26.32 -0.93 0.00	25.05 -0.83 0.00	24.56 -0.81 -0.10	24.96 -0.83 0.00	23.89 -0.81 -0.05	24.33 -0.86 0.00	23.81 -0.92 3.16	23.77 -0.94 4.65	23.72 -0.98 5.88	23.93 -1.11 8.64	24.13 -1.20 9.01	24.16 -1.25 10.41	24.16 -1.22 10.61	24.62 -1.21 12.12	24.66 -1.21 12.04	24.66 -1.31 11.38	25.11 -1.25 11.43	24.71 -1.17 9.66	24.74 -1.10 7.43	25.28 -0.88 -0.33	23.74 -1.05 6.07
SITHE____MASSENA 23902	30.00 -0.24 0.00	28.55 -0.26 0.00	27.98 -0.25 0.00	27.03 -0.22 0.00	25.49 -0.39 0.00	24.88 -0.38 0.00	25.40 -0.39 0.00	24.30 -0.35 0.00	24.89 -0.30 0.00	27.52 -0.36 0.00	28.95 -0.41 0.00	30.18 -0.40 0.00	33.24 -0.44 0.00	33.93 -0.41 0.00	35.39 -0.43 0.00	35.52 -0.47 0.00	37.31 -0.65 0.00	37.27 -0.64 0.00	36.86 -0.49 0.00	37.38 -0.41 0.00	35.08 -0.46 0.00	32.96 -0.30 0.00	25.60 -0.23 0.00	30.65 -0.21 0.00
SITHE____OGDNSBRG 24021	30.12 -0.12 0.00	28.67 -0.14 0.00	28.06 -0.17 0.00	27.08 -0.16 0.00	25.52 -0.36 0.00	24.91 -0.35 0.00	25.42 -0.36 0.00	24.35 -0.30 0.00	24.94 -0.25 0.00	27.61 -0.28 0.00	29.00 -0.35 0.00	30.18 -0.40 0.00	33.28 -0.40 0.00	33.92 -0.41 0.00	35.35 -0.47 0.00	35.52 -0.47 0.00	37.54 -0.42 0.00	37.46 -0.46 0.00	37.05 -0.30 0.00	37.60 -0.19 0.00	35.26 -0.28 0.00	33.10 -0.17 0.00	25.76 -0.08 0.00	30.89 0.03
SITHE____STERLING 23777	31.15 0.60 -0.31	29.36 0.55 0.00	28.77 0.54 0.00	27.71 0.46 0.00	26.37 0.49 0.00	25.79 0.43 -0.10	26.33 0.54 0.00	25.19 0.49 -0.05	25.69 0.50 0.00	28.65 0.59 -0.18	30.24 0.62 -0.26	31.50 0.58 -0.34	34.78 0.61 -0.49	35.47 0.62 -0.51	37.06 0.65 -0.59	37.32 0.65 -0.68	39.90 0.99 -0.95	39.60 0.98 -0.70	38.85 0.86 -0.65	39.42 0.98 -0.65	36.91 0.82 -0.55	34.32 0.63 -0.42	26.71 0.41 -0.46	31.79 0.58 -0.35
SLEIGHT__34_KV_TB1 80719	31.14 0.27 -0.63	29.07 0.26 0.00	28.52 0.28 0.00	27.44 0.19 0.00	26.24 0.36 0.00	25.79 0.33 -0.20	26.20 0.41 0.00	25.17 0.42 -0.10	25.63 0.40 -0.04	28.79 0.53 -0.37	30.61 0.70 -0.55	32.04 0.76 -0.69	35.47 0.77 -1.01	36.01 0.62 -1.06	37.72 0.68 -1.22	38.15 0.76 -1.40	40.94 1.02 -1.96	41.12 1.06 -2.14	39.81 0.75 -1.72	40.18 1.02 -1.37	37.53 0.85 -1.13	34.83 0.70 -0.87	27.24 0.47 -0.94	32.13 0.56 -0.71
SOUTH CAIRO____GT 23612	32.30 2.06 0.00	30.74 1.93 0.00	29.90 1.67 0.00	29.04 1.80 0.00	27.72 1.84 0.00	28.68 1.46 -1.95	27.49 1.70 0.00	26.99 1.35 -0.99	27.21 1.33 -0.68	29.36 1.48 0.00	30.97 1.61 0.00	32.20 1.62 0.00	35.86 2.32 0.15	36.40 2.06 0.00	37.97 2.15 0.00	39.62 2.16 -1.47	45.52 2.58 -4.97	54.06 2.85 -13.30	47.54 2.80 -7.40	40.82 2.53 -0.50	38.07 2.52 0.00	35.33 2.06 0.00	36.19 1.50 -8.86	32.91 2.16 0.12
SOUTH HAMPTN____IC 23720	49.50 5.11 -14.15	41.82 4.84 -8.17	45.20 4.55 -12.42	38.16 4.22 -6.69	37.40 4.01 -7.52	37.79 3.94 -8.59	38.39 4.12 -8.48	39.02 3.94 -10.42	44.43 4.13 -15.11	43.77 4.68 -11.20	49.70 4.76 -15.59	51.49 5.04 -15.87	57.99 5.52 -18.79	60.71 5.70 -20.67	126.41 5.95 -84.65	141.54 5.98 -99.58	157.19 6.42 -112.81	192.73 6.41 -148.41	185.41 6.35 -141.72	132.14 6.16 -88.19	120.59 5.72 -79.32	56.36 5.36 -17.74	48.93 4.37 -18.73	47.46 5.18 -11.41

SOUTHDOWN_115KV_TB1 355954	30.66 0.42 0.00	29.25 0.43 0.00	28.54 0.31 0.00	27.52 0.27 0.00	26.40 0.52 0.00	25.66 0.10 -0.30	26.40 0.62 0.00	24.82 0.02 -0.15	25.83 0.58 -0.06	28.78 0.89 0.00	30.44 1.09 0.00	31.87 1.28 0.00	34.56 0.88 0.00	35.33 1.00 0.00	36.86 1.04 0.00	36.57 0.36 -0.22	39.13 0.42 -0.75	39.66 0.57 -1.17	38.80 0.82 -0.63	38.82 0.98 -0.04	36.39 0.85 0.00	34.09 0.83 0.00	27.28 0.08 -1.37	31.70 0.83 0.00
SOUTHOLD_69_KV_BK 2 55809	50.38 5.99 -14.16	42.60 5.62 -8.17	45.93 5.28 -12.42	38.90 4.96 -6.69	38.05 4.66 -7.52	38.42 4.57 -8.59	39.07 4.80 -8.48	39.68 4.61 -10.42	45.18 4.89 -15.11	44.61 5.52 -11.20	50.70 5.75 -15.59	52.60 6.15 -15.87	59.24 6.77 -18.79	62.01 7.00 -20.67	127.75 7.24 -84.69	142.92 7.31 -99.62	158.65 7.82 -112.87	195.81 7.85 -150.04	188.43 7.73 -143.35	133.55 7.52 -88.23	121.87 6.97 -79.37	57.53 6.52 -17.75	49.79 5.22 -18.73	48.39 6.11 -11.42
SOUTHOLD___IC 23719	50.35 5.96 -14.16	42.60 5.62 -8.17	45.93 5.28 -12.42	38.84 4.90 -6.69	38.08 4.69 -7.52	38.43 4.57 -8.59	39.06 4.79 -8.48	39.68 4.61 -10.42	45.18 4.89 -15.11	44.61 5.52 -11.20	50.71 5.75 -15.59	52.60 6.15 -15.87	59.21 6.74 -18.79	61.98 6.97 -20.67	127.75 7.24 -84.69	142.92 7.30 -99.62	158.69 7.86 -112.87	195.81 7.85 -150.04	188.43 7.73 -143.35	133.55 7.52 -88.23	121.87 6.97 -79.37	57.46 6.45 -17.75	49.74 5.17 -18.73	48.39 6.11 -11.42
SPIERFLS_115KV_TB 1 80737	32.32 2.09 0.00	30.66 1.84 0.00	29.95 1.72 0.00	28.88 1.63 0.00	27.59 1.71 0.00	29.06 1.67 -2.13	27.59 1.80 0.00	27.46 1.73 -1.08	28.35 1.89 -1.27	29.92 2.04 0.00	31.56 2.20 0.00	32.82 2.23 0.00	35.41 2.05 0.33	36.50 2.16 0.00	38.08 2.26 0.00	39.87 2.27 -1.61	45.56 2.16 -5.43	64.56 2.24 -24.40	53.25 2.17 -13.73	40.98 2.27 -0.92	37.67 2.13 0.00	35.46 2.20 0.00	36.92 1.63 -9.45	32.61 2.01 0.26
ST LAWRENCE____ 23600	29.75 -0.48 0.00	28.35 -0.46 0.00	27.78 -0.45 0.00	26.84 -0.41 0.00	25.31 -0.57 0.00	24.73 -0.53 0.00	25.22 -0.57 0.00	24.16 -0.49 0.00	24.71 -0.48 0.00	27.33 -0.56 0.00	28.74 -0.62 0.00	29.97 -0.61 0.00	33.01 -0.67 0.00	33.68 -0.65 0.00	35.14 -0.68 0.00	35.27 -0.72 0.00	37.05 -0.91 0.00	37.01 -0.91 0.00	36.64 -0.71 0.00	37.07 -0.72 0.00	34.83 -0.71 0.00	32.70 -0.57 0.00	25.40 -0.44 0.00	30.34 -0.52 0.00
STATE_CA_115KV_115_LB 55624	31.42 1.18 0.00	29.91 1.09 0.00	29.25 1.02 0.00	28.28 1.04 0.00	26.91 1.04 0.00	28.36 1.01 -2.09	26.84 1.06 0.00	26.67 0.96 -1.06	27.20 1.03 -0.97	28.97 1.09 0.00	30.53 1.17 0.00	31.78 1.19 0.00	34.72 1.35 0.31	35.78 1.44 0.00	37.32 1.50 0.00	39.04 1.48 -1.58	44.84 1.56 -5.33	58.16 1.59 -18.65	49.42 1.53 -10.54	40.05 1.55 -0.71	37.00 1.46 0.00	34.59 1.33 0.00	36.07 0.96 -9.28	31.76 1.14 0.25
STATE_ST_34_KV_LOAD 55959	31.17 0.00 -0.93	28.81 0.00 0.00	28.26 0.03 0.00	27.22 -0.03 0.00	25.98 0.10 0.00	25.52 0.05 -0.21	25.91 0.13 0.00	24.85 0.10 -0.11	25.35 0.13 -0.04	28.63 0.20 -0.55	30.43 0.26 -0.81	31.91 0.31 -1.02	35.49 0.30 -1.50	36.04 0.14 -1.57	37.77 0.14 -1.81	38.22 0.22 -2.02	41.06 0.42 -2.69	41.28 0.49 -2.87	40.04 0.30 -2.39	40.26 0.45 -2.02	37.58 0.36 -1.68	34.82 0.27 -1.29	26.94 0.10 -1.00	32.04 0.12 -1.06
STATION 5_MISC_HYD 23604	29.60 -0.64 0.00	28.12 -0.69 0.00	27.73 -0.51 0.00	26.70 -0.54 0.00	25.44 -0.44 0.00	25.26 -0.20 -0.20	25.45 -0.34 0.00	24.36 -0.40 -0.10	24.67 -0.55 -0.04	27.41 -0.47 0.00	29.01 -0.35 0.00	30.34 -0.25 0.00	33.18 -0.50 0.00	33.82 -0.51 0.00	35.28 -0.54 0.00	35.75 -0.40 -0.15	38.20 -0.26 -0.51	38.23 -0.42 -0.73	36.91 -0.82 -0.39	37.33 -0.49 -0.03	35.08 -0.46 0.00	32.90 -0.37 0.00	26.53 -0.23 -0.93	30.58 -0.28 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.04 -0.39 -0.20	28.44 -0.37 0.00	27.87 -0.37 0.00	26.92 -0.33 0.00	25.70 -0.18 0.00	25.36 -0.10 -0.20	25.66 -0.13 0.00	24.60 -0.15 -0.10	25.02 -0.20 -0.04	27.89 -0.11 -0.12	29.50 -0.03 -0.17	30.86 0.06 -0.22	33.90 -0.10 -0.32	34.53 -0.14 -0.33	36.10 -0.11 -0.38	36.43 -0.11 -0.54	38.93 0.00 -0.97	39.09 0.00 -1.18	37.82 -0.34 -0.81	38.24 0.00 -0.45	35.86 -0.04 -0.36	33.47 -0.07 -0.27	26.69 -0.08 -0.93	31.02 -0.06 -0.22
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.39 -0.85 0.00	28.04 -0.78 0.00	27.44 -0.79 0.00	26.54 -0.71 0.00	25.33 -0.54 0.00	25.08 -0.38 -0.20	25.30 -0.49 0.00	24.23 -0.52 -0.10	24.57 -0.65 -0.04	27.30 -0.59 0.00	28.86 -0.50 0.00	30.18 -0.40 0.00	32.97 -0.71 0.00	33.65 -0.69 0.00	35.18 -0.64 0.00	35.57 -0.58 -0.15	37.86 -0.61 -0.51	38.03 -0.61 -0.72	36.72 -1.01 -0.39	37.18 -0.64 -0.03	34.90 -0.64 0.00	32.63 -0.63 0.00	26.34 -0.41 -0.92	30.37 -0.49 0.00
STA_56___34_KV_BUS2 355983	29.39 -0.85 0.00	28.04 -0.78 0.00	27.44 -0.79 0.00	26.54 -0.71 0.00	25.33 -0.54 0.00	25.08 -0.38 -0.20	25.30 -0.49 0.00	24.23 -0.52 -0.10	24.57 -0.65 -0.04	27.30 -0.59 0.00	28.86 -0.50 0.00	30.18 -0.40 0.00	32.97 -0.71 0.00	33.65 -0.69 0.00	35.18 -0.64 0.00	35.57 -0.58 -0.15	37.86 -0.61 -0.51	38.03 -0.61 -0.72	36.72 -1.01 -0.39	37.18 -0.64 -0.03	34.90 -0.64 0.00	32.63 -0.63 0.00	26.34 -0.41 -0.92	30.37 -0.49 0.00
STA_67___115KV_BK2 355882	29.51 -0.73 0.00	28.15 -0.66 0.00	27.56 -0.68 0.00	26.65 -0.60 0.00	25.46 -0.41 0.00	25.21 -0.25 -0.20	25.40 -0.39 0.00	24.31 -0.44 -0.10	24.62 -0.60 -0.04	27.36 -0.53 0.00	28.95 -0.41 0.00	30.28 -0.31 0.00	33.04 -0.64 0.00	33.72 -0.62 0.00	35.25 -0.57 0.00	35.67 -0.47 -0.15	37.97 -0.49 -0.51	38.15 -0.49 -0.73	36.84 -0.90 -0.39	37.25 -0.57 -0.03	34.97 -0.57 0.00	32.73 -0.53 0.00	26.45 -0.31 -0.93	30.49 -0.37 0.00
STA_7___115KV_9TRANS 80674	29.66 -0.57 0.00	28.27 -0.55 0.00	27.67 -0.56 0.00	26.78 -0.46 0.00	25.57 -0.31 0.00	25.34 -0.13 -0.20	25.53 -0.26 0.00	24.43 -0.32 -0.10	24.77 -0.45 -0.04	27.52 -0.36 0.00	29.15 -0.21 0.00	30.46 -0.12 0.00	33.28 -0.40 0.00	33.96 -0.38 0.00	35.50 -0.32 0.00	35.89 -0.25 -0.15	38.24 -0.23 -0.51	38.42 -0.23 -0.73	37.06 -0.67 -0.39	37.52 -0.30 -0.03	35.26 -0.28 0.00	32.96 -0.30 0.00	26.61 -0.16 -0.93	30.68 -0.19 0.00
STA_82___115KV_TB1 80780	29.54 -0.70 0.00	28.15 -0.66 0.00	27.56 -0.68 0.00	26.67 -0.57 0.00	25.46 -0.41 0.00	25.24 -0.23 -0.20	25.42 -0.36 0.00	24.33 -0.42 -0.10	24.65 -0.58 -0.04	27.38 -0.50 0.00	28.97 -0.38 0.00	30.28 -0.31 0.00	33.08 -0.61 0.00	33.75 -0.58 0.00	35.28 -0.54 0.00	35.71 -0.43 -0.15	38.02 -0.46 -0.51	38.20 -0.46 -0.73	36.84 -0.90 -0.39	37.25 -0.57 -0.03	35.01 -0.53 0.00	32.76 -0.50 0.00	26.46 -0.31 -0.93	30.52 -0.34 0.00
STEEL___WIND 323596	29.63 -0.60 0.00	28.15 -0.66 0.00	27.81 -0.42 0.00	26.67 -0.57 0.00	25.49 -0.39 0.00	25.03 -0.51 -0.27	25.53 -0.26 0.00	23.97 -0.81 -0.14	24.69 -0.55 -0.05	27.47 -0.42 0.00	29.09 -0.26 0.00	30.46 -0.12 0.00	33.11 -0.57 0.00	33.82 -0.51 0.00	35.25 -0.57 0.00	35.30 -0.90 -0.20	37.85 -0.80 -0.69	38.11 -0.87 -1.06	37.06 -0.86 -0.57	37.15 -0.68 -0.04	34.94 -0.60 0.00	32.23 -1.03 0.00	26.45 -0.64 -1.26	30.68 -0.18 0.00

STEPHTWN_115KV_BK_2 55603	31.69 1.45 0.00	30.14 1.33 0.00	29.45 1.21 0.00	28.50 1.25 0.00	27.15 1.27 0.00	28.55 1.21 -2.07	27.10 1.32 0.00	26.93 1.23 -1.05	27.35 1.31 -0.85	29.25 1.37 0.00	30.82 1.47 0.00	32.08 1.50 0.00	35.03 1.65 0.30	36.09 1.75 0.00	37.61 1.79 0.00	39.35 1.80 -1.56	45.18 1.94 -5.28	56.24 2.01 -16.31	48.53 1.94 -9.24	40.38 1.97 -0.62	37.43 1.88 0.00	34.99 1.73 0.00	36.26 1.21 -9.21	32.07 1.45 0.24
STEUBEN_REC_LFGE 323667	31.00 0.48 -0.28	29.27 0.46 0.00	28.63 0.40 0.00	27.57 0.33 0.00	26.42 0.54 0.00	25.89 0.28 -0.35	26.43 0.64 0.00	25.10 0.27 -0.18	25.82 0.55 -0.07	28.80 0.75 -0.16	30.51 0.91 -0.24	31.92 1.04 -0.30	34.94 0.81 -0.44	35.49 0.69 -0.46	37.14 0.79 -0.54	37.27 0.47 -0.81	40.21 0.72 -1.53	40.92 0.95 -2.05	39.52 0.82 -1.35	39.49 1.06 -0.64	36.96 0.92 -0.50	34.51 0.86 -0.38	27.81 0.34 -1.64	31.98 0.80 -0.31
STONY__BROOK 24151	49.99 4.11 -15.64	40.91 3.92 -8.18	45.83 3.64 -13.95	37.32 3.38 -6.70	36.60 3.21 -7.52	37.01 3.16 -8.59	37.60 3.33 -8.48	38.28 3.20 -10.42	43.63 3.32 -15.11	42.89 3.79 -11.21	49.48 3.58 -16.54	50.12 3.67 -15.87	56.57 4.07 -18.81	59.19 4.15 -20.70	150.92 4.37 -110.73	167.18 4.28 -126.91	190.37 4.59 -147.82	168.61 4.62 -126.07	160.64 4.59 -118.70	159.71 4.46 -117.46	145.21 4.19 -105.48	56.86 3.89 -19.70	49.24 3.36 -20.05	49.15 4.14 -14.15
STURGEON_POOL_HYD 23609	32.69 2.45 0.00	31.09 2.28 0.00	30.29 2.06 0.00	29.18 1.93 0.00	27.72 1.84 0.00	28.56 1.62 -1.69	27.59 1.80 0.00	27.13 1.63 -0.85	27.28 1.64 -0.45	29.78 1.90 0.00	31.29 1.94 0.00	32.63 2.05 0.00	36.48 2.69 -0.10	36.88 2.54 0.00	38.47 2.65 0.00	39.82 2.56 -1.27	45.06 2.81 -4.29	49.96 2.81 -9.24	44.94 2.73 -4.87	40.50 2.38 -0.33	37.99 2.45 0.00	35.56 2.30 0.00	35.62 1.83 -7.95	33.35 2.41 -0.08
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.42 2.18 0.00	30.83 2.02 0.00	30.07 1.84 0.00	28.96 1.72 0.00	27.51 1.63 0.00	28.33 1.57 -1.50	27.46 1.68 0.00	27.04 1.63 -0.76	27.21 1.66 -0.35	29.73 1.84 0.00	31.24 1.88 0.00	32.57 1.99 0.00	36.23 2.32 -0.22	36.74 2.40 0.00	38.33 2.51 0.00	39.61 2.48 -1.13	44.48 2.70 -3.82	48.22 2.69 -7.61	43.75 2.58 -3.83	40.39 2.34 -0.26	37.85 2.31 0.00	35.39 2.13 0.00	34.85 1.76 -7.26	33.11 2.07 -0.18
SWANROAD_115KV_TB1 355699	28.73 -1.51 0.00	27.49 -1.33 0.00	26.85 -1.38 0.00	26.05 -1.20 0.00	24.82 -1.06 0.00	24.55 -0.96 -0.25	24.83 -0.95 0.00	23.35 -1.43 -0.13	23.78 -1.46 -0.05	26.46 -1.42 0.00	28.04 -1.32 0.00	29.36 -1.22 0.00	31.83 -1.85 0.00	32.59 -1.75 0.00	34.03 -1.79 0.00	34.34 -1.84 -0.19	36.51 -2.09 -0.64	36.91 -1.97 -0.96	35.62 -2.24 -0.51	35.79 -2.04 -0.03	33.66 -1.88 0.00	31.60 -1.66 0.00	25.70 -1.29 -1.16	29.69 -1.17 0.00
SYNERGY__BIOGAS 323694	29.57 -0.67 0.00	28.06 -0.75 0.00	27.92 -0.31 0.00	26.86 -0.38 0.00	25.64 -0.23 0.00	25.34 -0.15 -0.23	25.66 -0.13 0.00	24.32 -0.44 -0.12	24.78 -0.45 -0.04	27.55 -0.33 0.00	29.18 -0.18 0.00	30.55 -0.03 0.00	33.24 -0.44 0.00	33.96 -0.38 0.00	35.39 -0.43 0.00	35.74 -0.43 -0.17	38.28 -0.26 -0.59	38.37 -0.42 -0.87	37.07 -0.75 -0.47	37.52 -0.30 -0.03	35.26 -0.29 0.00	32.87 -0.40 0.00	26.67 -0.23 -1.07	30.86 0.00 0.00
SYRACUSE__ENERGY_ST1 323597	30.92 -0.33 -1.02	28.55 -0.26 0.00	28.04 -0.20 0.00	26.97 -0.27 0.00	25.72 -0.16 0.00	25.25 -0.18 -0.16	25.63 -0.15 0.00	24.59 -0.15 -0.08	25.01 -0.18 0.00	28.35 -0.14 -0.60	30.12 -0.12 -0.88	31.61 -0.09 -1.12	35.19 -0.13 -1.64	35.77 -0.27 -1.71	37.55 -0.25 -1.98	37.93 -0.22 -2.15	40.62 -0.11 -2.77	40.15 -0.08 -2.31	39.25 -0.26 -2.16	39.81 -0.15 -2.17	37.20 -0.18 -1.83	34.47 -0.20 -1.41	26.45 -0.18 -0.79	31.80 -0.22 -1.15
SYRACUSE__ENERGY_ST2 323598	30.92 -0.33 -1.02	28.55 -0.26 0.00	28.04 -0.20 0.00	26.97 -0.27 0.00	25.72 -0.16 0.00	25.25 -0.18 -0.16	25.63 -0.15 0.00	24.59 -0.15 -0.08	25.01 -0.18 0.00	28.35 -0.14 -0.60	30.12 -0.12 -0.88	31.61 -0.09 -1.12	35.19 -0.13 -1.64	35.77 -0.27 -1.71	37.55 -0.25 -1.98	37.93 -0.22 -2.15	40.62 -0.11 -2.77	40.15 -0.08 -2.31	39.25 -0.26 -2.16	39.81 -0.15 -2.17	37.20 -0.18 -1.83	34.47 -0.20 -1.41	26.45 -0.18 -0.79	31.80 -0.22 -1.15
SYRACUSE__POWER 24017	30.49 -0.42 -0.67	28.47 -0.35 0.00	27.95 -0.28 0.00	26.92 -0.33 0.00	25.67 -0.21 0.00	25.21 -0.23 -0.17	25.58 -0.21 0.00	24.52 -0.22 -0.09	24.96 -0.23 0.00	28.06 -0.22 -0.40	29.73 -0.21 -0.58	31.08 -0.24 -0.74	34.46 -0.30 -1.08	35.09 -0.38 -1.13	36.73 -0.39 -1.31	37.10 -0.36 -1.47	39.69 -0.27 -2.00	39.22 -0.23 -1.53	38.40 -0.37 -1.43	38.92 -0.30 -1.43	36.47 -0.28 -1.21	33.90 -0.30 -0.93	26.37 -0.28 -0.82	31.32 -0.31 -0.76
TALLMAN__138KV_BK151 55660	32.72 2.48 0.00	31.12 2.31 0.00	30.32 2.09 0.00	29.18 1.93 0.00	27.72 1.84 0.00	28.61 1.79 -1.55	27.69 1.91 0.00	27.31 1.87 -0.79	27.47 1.91 -0.37	30.03 2.15 0.00	31.53 2.17 0.00	32.85 2.26 0.00	36.55 2.63 -0.24	37.08 2.75 0.00	38.65 2.83 0.00	39.97 2.81 -1.17	44.92 3.00 -3.96	48.83 3.00 -7.91	44.15 2.84 -3.97	40.70 2.65 -0.27	38.10 2.56 0.00	35.66 2.39 0.00	35.38 2.02 -7.53	33.40 2.35 -0.19
TEALLAVE_115KV_TB7 355573	30.25 -0.54 -0.55	28.35 -0.46 0.00	27.84 -0.40 0.00	26.84 -0.41 0.00	25.57 -0.31 0.00	25.08 -0.33 -0.15	25.50 -0.28 0.00	24.43 -0.30 -0.07	24.86 -0.33 0.00	27.91 -0.31 -0.33	29.54 -0.29 -0.48	30.85 -0.34 -0.61	34.17 -0.40 -0.89	34.79 -0.48 -0.93	36.43 -0.47 -1.07	36.74 -0.47 -1.21	39.23 -0.38 -1.65	38.84 -0.34 -1.26	38.04 -0.49 -1.17	38.56 -0.42 -1.18	36.08 -0.46 -1.00	33.56 -0.47 -0.77	26.14 -0.39 -0.69	31.03 -0.46 -0.63
TELGRAPH_34_KV_EAST 80808	29.21 -1.03 0.00	27.95 -0.86 0.00	27.30 -0.93 0.00	26.54 -0.71 0.00	25.36 -0.52 0.00	25.05 -0.45 -0.24	25.35 -0.44 0.00	23.96 -0.81 -0.12	24.40 -0.83 -0.04	27.16 -0.73 0.00	28.80 -0.56 0.00	30.15 -0.43 0.00	32.71 -0.98 0.00	33.44 -0.89 0.00	34.96 -0.86 0.00	35.24 -0.94 -0.18	37.50 -1.06 -0.61	37.80 -1.02 -0.91	36.52 -1.31 -0.49	36.84 -0.98 -0.03	34.62 -0.92 0.00	32.46 -0.80 0.00	26.27 -0.67 -1.10	30.40 -0.46 0.00
TEMPLE__115KV_TB 2 55572	30.25 -0.54 -0.55	28.38 -0.43 0.00	27.87 -0.37 0.00	26.84 -0.41 0.00	25.59 -0.28 0.00	25.11 -0.30 -0.15	25.50 -0.28 0.00	24.43 -0.30 -0.07	24.89 -0.30 0.00	27.90 -0.31 -0.33	29.54 -0.29 -0.48	30.85 -0.34 -0.61	34.17 -0.40 -0.89	34.78 -0.48 -0.93	36.43 -0.47 -1.07	36.74 -0.47 -1.21	39.23 -0.38 -1.65	38.84 -0.34 -1.26	38.03 -0.49 -1.17	38.55 -0.42 -1.18	36.08 -0.46 -1.00	33.60 -0.43 -0.77	26.15 -0.39 -0.70	31.06 -0.43 -0.63
TIANA____69_KV_BK 1 55817	49.32 4.93 -14.16	41.62 4.64 -8.17	45.03 4.38 -12.42	38.03 4.09 -6.69	37.22 3.83 -7.52	37.62 3.76 -8.59	38.21 3.95 -8.48	38.87 3.80 -10.42	44.25 3.95 -15.11	43.58 4.49 -11.20	49.44 4.49 -15.59	51.19 4.74 -15.87	57.69 5.22 -18.79	60.43 5.43 -20.67	126.13 5.62 -84.68	141.26 5.65 -99.61	156.85 6.04 -112.86	193.73 6.07 -149.74	186.45 6.05 -143.05	131.88 5.86 -88.23	120.37 5.47 -79.36	56.13 5.12 -17.74	48.80 4.24 -18.73	47.28 5.00 -11.42

TILDEN___115KV_TB1 80814	30.49 -0.42 -0.67	28.47 -0.35 0.00	27.95 -0.28 0.00	26.92 -0.33 0.00	25.67 -0.21 0.00	25.21 -0.23 -0.17	25.58 -0.21 0.00	24.52 -0.22 -0.09	24.96 -0.23 0.00	28.06 -0.22 -0.40	29.73 -0.21 -0.58	31.08 -0.24 -0.74	34.46 -0.30 -1.08	35.09 -0.38 -1.13	36.73 -0.39 -1.31	37.10 -0.36 -1.47	39.69 -0.27 -2.00	39.22 -0.23 -1.53	38.40 -0.37 -1.43	38.92 -0.30 -1.43	36.47 -0.28 -1.21	33.90 -0.30 -0.93	26.37 -0.28 -0.82	31.32 -0.31 -0.76
TRIGEN___CC 323695	43.14 3.17 -9.73	39.94 2.97 -8.16	38.82 2.74 -7.85	36.46 2.53 -6.69	35.83 2.43 -7.52	36.23 2.37 -8.59	36.77 2.50 -8.48	37.49 2.42 -10.42	42.75 2.47 -15.10	41.90 2.82 -11.19	41.77 2.82 -9.59	49.41 2.97 -15.86	55.78 3.37 -18.73	58.42 3.47 -20.62	46.36 3.62 -6.93	57.34 3.56 -17.79	50.27 3.80 -8.51	51.30 3.79 -9.59	46.03 3.77 -4.91	42.35 3.59 -0.97	40.31 3.38 -1.39	41.98 3.16 -5.56	39.03 2.64 -10.56	37.24 3.12 -3.26
TRINITY___115KV___4 BK 55933	31.30 1.06 0.00	29.79 0.98 0.00	29.14 0.90 0.00	28.17 0.93 0.00	26.81 0.93 0.00	28.25 0.91 -2.08	26.74 0.95 0.00	26.57 0.86 -1.05	26.97 0.91 -0.87	28.86 0.98 0.00	30.38 1.03 0.00	31.62 1.04 0.00	34.56 1.18 0.31	35.61 1.27 0.00	37.15 1.33 0.00	38.85 1.30 -1.57	44.65 1.40 -5.29	55.99 1.40 -16.67	48.17 1.38 -9.44	39.79 1.36 -0.63	36.82 1.28 0.00	34.43 1.16 0.00	35.91 0.85 -9.23	31.64 1.02 0.24
UNION___PROCESSING_DRP 323587	29.54 -0.70 0.00	28.15 -0.66 0.00	27.58 -0.65 0.00	26.67 -0.57 0.00	25.46 -0.41 0.00	25.24 -0.23 -0.20	25.42 -0.36 0.00	24.33 -0.42 -0.10	24.65 -0.58 -0.04	27.38 -0.50 0.00	28.97 -0.38 0.00	30.31 -0.28 0.00	33.08 -0.61 0.00	33.75 -0.58 0.00	35.28 -0.54 0.00	35.71 -0.43 -0.15	38.02 -0.46 -0.51	38.20 -0.46 -0.73	36.88 -0.86 -0.39	37.29 -0.53 -0.03	35.01 -0.53 0.00	32.76 -0.50 0.00	26.48 -0.28 -0.93	30.52 -0.34 0.00
UPPER HUDSON___HYD 24058	32.30 2.06 0.00	30.66 1.85 0.00	29.90 1.67 0.00	28.88 1.63 0.00	27.61 1.73 0.00	29.06 1.67 -2.13	27.59 1.80 0.00	27.46 1.72 -1.08	28.35 1.89 -1.27	29.92 2.03 0.00	31.56 2.20 0.00	32.81 2.23 0.00	35.41 2.05 0.33	36.47 2.13 0.00	38.08 2.26 0.00	39.90 2.31 -1.61	45.56 2.16 -5.43	64.56 2.24 -24.40	53.24 2.17 -13.73	40.98 2.27 -0.92	37.67 2.13 0.00	35.42 2.16 0.00	37.05 1.76 -9.45	32.61 2.00 0.26
UPPER RAQUET___HYD 24056	29.72 -0.69 -0.18	28.12 -0.69 0.00	27.55 -0.68 0.00	26.59 -0.65 0.00	25.08 -0.80 0.00	24.48 -0.78 0.00	24.96 -0.83 0.00	23.91 -0.74 0.00	24.49 -0.71 0.00	27.21 -0.78 -0.10	28.54 -0.97 -0.15	29.74 -1.04 -0.19	32.82 -1.15 -0.29	33.50 -1.13 -0.30	34.98 -1.18 -0.34	35.12 -1.22 -0.35	37.04 -1.33 -0.41	36.99 -1.33 -0.40	36.56 -1.16 -0.38	37.11 -1.06 -0.38	34.76 -1.10 -0.32	32.74 -0.76 -0.25	25.45 -0.39 -0.01	30.75 -0.31 -0.20
VALLEY44_115KV_TB2 355964	29.60 -0.63 0.00	28.21 -0.61 0.00	27.58 -0.65 0.00	26.59 -0.65 0.00	25.49 -0.39 0.00	24.45 -1.11 -0.30	25.48 -0.31 0.00	23.64 -1.16 -0.15	24.92 -0.33 -0.06	27.72 -0.17 0.00	29.27 -0.09 0.00	30.64 0.06 0.00	33.31 -0.37 0.00	34.03 -0.31 0.00	35.53 -0.29 0.00	34.78 -1.44 -0.23	37.29 -1.44 -0.77	37.99 -1.14 -1.21	37.47 -0.52 -0.65	37.46 -0.38 -0.04	35.12 -0.43 0.00	32.90 -0.37 0.00	26.08 -1.16 -1.41	30.49 -0.37 0.00
VALLEY___115KV_TB 1-4 80826	30.06 -0.18 0.00	28.64 -0.17 0.00	28.06 -0.17 0.00	27.08 -0.16 0.00	25.75 -0.13 0.00	25.11 -0.15 0.00	25.66 -0.13 0.00	24.50 -0.15 0.00	25.04 -0.15 0.00	27.75 -0.14 0.00	29.21 -0.15 0.00	30.43 -0.15 0.00	33.51 -0.17 0.00	34.16 -0.17 0.00	35.64 -0.18 0.00	35.78 -0.22 0.00	37.81 -0.15 0.00	37.77 -0.15 0.00	37.16 -0.19 0.00	37.60 -0.19 0.00	35.36 -0.18 0.00	33.06 -0.20 0.00	25.65 -0.18 0.00	30.65 -0.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.38 1.94 -0.21	30.60 1.79 0.00	29.93 1.69 0.00	28.88 1.63 0.00	27.48 1.60 0.00	27.52 1.47 -0.79	27.36 1.57 0.00	26.53 1.48 -0.40	26.92 1.56 -0.17	29.88 1.87 -0.12	31.47 1.94 -0.18	32.83 2.02 -0.23	36.27 2.26 -0.34	36.99 2.30 -0.35	38.62 2.40 -0.40	39.27 2.27 -1.01	43.15 2.70 -2.49	44.65 2.81 -3.92	42.30 2.65 -2.30	41.08 2.72 -0.57	38.41 2.49 -0.38	35.71 2.16 -0.29	31.05 1.55 -3.67	33.04 1.94 -0.24
VISCHER___FERRY HYD 24020	31.81 1.57 0.00	30.31 1.50 0.00	29.62 1.38 0.00	28.61 1.36 0.00	27.27 1.40 0.00	28.73 1.36 -2.10	27.20 1.42 0.00	27.07 1.35 -1.06	27.71 1.41 -1.11	29.39 1.50 0.00	30.97 1.61 0.00	32.20 1.62 0.00	35.01 1.75 0.43	36.19 1.85 0.00	37.75 1.93 0.00	39.52 1.94 -1.58	45.36 2.05 -5.35	61.11 2.08 -21.11	51.40 2.02 -12.04	40.64 2.04 -0.81	37.46 1.92 0.00	34.99 1.73 0.00	36.36 1.34 -9.18	32.10 1.57 0.34
V_A_10_SYNC_DSASP 323832	29.12 -1.12 0.00	27.69 -1.12 0.00	27.33 -0.90 0.00	26.27 -0.98 0.00	25.05 -0.83 0.00	24.98 -0.51 -0.22	25.06 -0.72 0.00	23.90 -0.86 -0.11	24.15 -1.08 -0.04	26.85 -1.03 0.00	28.45 -0.91 0.00	29.76 -0.82 0.00	32.40 -1.28 0.00	33.10 -1.23 0.00	34.50 -1.32 0.00	35.12 -1.04 -0.17	37.54 -0.99 -0.57	37.58 -1.18 -0.84	36.12 -1.68 -0.45	36.39 -1.44 -0.03	34.23 -1.31 0.00	32.20 -1.07 0.00	26.18 -0.70 -1.04	30.09 -0.77 0.00
V_CMM_10_SYNC_DSASP 323787	29.84 -0.39 0.00	28.44 -0.38 0.00	27.86 -0.37 0.00	26.92 -0.33 0.00	25.39 -0.49 0.00	24.81 -0.45 0.00	25.29 -0.49 0.00	24.23 -0.42 0.00	24.79 -0.40 0.00	27.41 -0.47 0.00	28.86 -0.50 0.00	30.06 -0.52 0.00	33.11 -0.57 0.00	33.79 -0.55 0.00	35.25 -0.57 0.00	35.41 -0.58 0.00	37.20 -0.76 0.00	37.12 -0.80 0.00	36.75 -0.60 0.00	37.23 -0.57 0.00	34.97 -0.57 0.00	32.80 -0.47 0.00	25.47 -0.36 0.00	30.43 -0.43 0.00
V_CMP_10_SYNC_DSASP 323788	30.99 0.76 0.00	29.53 0.72 0.00	28.97 0.73 0.00	27.98 0.74 0.00	26.45 0.57 0.00	25.87 0.61 0.00	26.45 0.67 0.00	25.37 0.72 0.00	26.05 0.86 0.00	28.81 0.92 0.00	30.30 0.94 0.00	31.62 1.04 0.00	34.83 1.15 0.00	35.57 1.23 0.00	37.11 1.29 0.00	37.25 1.26 0.00	39.25 1.29 0.00	39.13 1.21 0.00	38.73 1.38 0.00	39.31 1.51 0.00	36.82 1.28 0.00	34.56 1.30 0.00	26.76 0.93 0.00	32.03 1.17 0.00
V_E_10_SYNC_DSASP 323830	33.11 2.45 -0.43	31.06 2.25 0.00	30.41 2.17 0.00	29.21 1.96 0.00	27.84 1.97 0.00	27.51 1.72 -0.53	27.87 2.09 0.00	26.79 1.87 -0.27	27.24 1.94 -0.11	30.40 2.26 -0.25	32.10 2.38 -0.37	33.53 2.48 -0.47	37.03 2.66 -0.69	37.66 2.61 -0.72	39.37 2.72 -0.83	39.83 2.59 -1.25	43.85 3.57 -2.33	44.87 3.75 -3.20	42.93 3.47 -2.11	42.64 3.86 -0.99	39.69 3.38 -0.77	36.55 2.69 -0.59	30.20 1.91 -2.45	33.82 2.47 -0.48
V_F_30_NSYNC___DSASP 323816	32.35 2.12 0.00	30.77 1.96 0.00	30.04 1.81 0.00	29.02 1.77 0.00	27.69 1.81 0.00	29.16 1.77 -2.13	27.62 1.83 0.00	27.48 1.75 -1.08	28.30 1.86 -1.25	29.90 2.01 0.00	31.50 2.14 0.00	32.79 2.20 0.00	35.59 2.26 0.35	36.70 2.37 0.00	38.33 2.51 0.00	40.11 2.52 -1.60	46.00 2.62 -5.42	64.56 2.65 -23.99	53.45 2.57 -13.53	41.34 2.64 -0.91	38.03 2.49 0.00	35.59 2.33 0.00	37.06 1.81 -9.41	32.69 2.10 0.27

V_F_30_SYNC_DSASP 323786	31.42 1.18 0.00	29.91 1.09 0.00	29.25 1.02 0.00	28.28 1.04 0.00	26.91 1.04 0.00	28.36 1.01 -2.09	26.84 1.06 0.00	26.67 0.96 -1.06	27.19 1.03 -0.96	28.97 1.09 0.00	30.53 1.17 0.00	31.78 1.19 0.00	34.72 1.35 0.31	35.78 1.44 0.00	37.32 1.50 0.00	39.04 1.48 -1.57	44.84 1.56 -5.32	58.00 1.59 -18.48	49.33 1.53 -10.45	40.00 1.51 -0.70	37.00 1.46 0.00	34.59 1.33 0.00	36.07 0.96 -9.28	31.76 1.14 0.25
V_XM_10_SYNC_DSASP 323789	30.99 0.76 0.00	29.53 0.72 0.00	28.97 0.73 0.00	27.98 0.74 0.00	26.45 0.57 0.00	25.87 0.61 0.00	26.45 0.67 0.00	25.37 0.72 0.00	26.05 0.86 0.00	28.81 0.92 0.00	30.30 0.94 0.00	31.62 1.04 0.00	34.83 1.15 0.00	35.57 1.23 0.00	37.11 1.29 0.00	37.25 1.26 0.00	39.25 1.29 0.00	39.13 1.21 0.00	38.73 1.38 0.00	39.31 1.51 0.00	36.82 1.28 0.00	34.56 1.30 0.00	26.76 0.93 0.00	32.03 1.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.84 2.60 0.00	31.21 2.39 0.00	30.41 2.17 0.00	29.26 2.02 0.00	27.79 1.91 0.00	28.70 1.87 -1.57	27.77 1.99 0.00	27.37 1.92 -0.79	27.52 1.96 -0.37	30.09 2.20 0.00	31.62 2.26 0.00	32.94 2.35 0.00	36.66 2.73 -0.25	37.19 2.85 0.00	38.76 2.94 0.00	40.09 2.92 -1.18	45.10 3.15 -3.99	49.01 3.11 -7.98	44.34 2.99 -4.00	40.82 2.76 -0.27	38.24 2.70 0.00	35.76 2.49 0.00	35.52 2.09 -7.59	33.50 2.44 -0.19
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.32 3.08 0.00	31.67 2.85 0.00	30.83 2.60 0.00	29.62 2.37 0.00	28.13 2.25 0.00	29.13 2.22 -1.64	28.11 2.32 0.00	27.75 2.27 -0.83	27.92 2.34 -0.39	30.51 2.62 0.00	32.09 2.73 0.00	33.49 2.91 0.00	37.29 3.33 -0.27	37.77 3.43 0.00	39.37 3.55 0.00	40.68 3.46 -1.24	45.82 3.68 -4.18	49.97 3.64 -8.41	45.06 3.51 -4.20	41.36 3.29 -0.28	38.78 3.23 0.00	36.29 3.03 0.00	36.31 2.51 -7.96	33.98 2.90 -0.21
W50THST__13_KV_LOAD 356117	33.53 3.30 0.00	31.84 3.03 0.00	31.00 2.77 0.00	29.78 2.53 0.00	28.28 2.41 0.00	29.28 2.37 -1.64	28.26 2.48 0.00	27.90 2.42 -0.83	28.05 2.47 -0.39	30.70 2.82 0.00	32.29 2.94 0.00	33.70 3.12 0.00	37.52 3.57 -0.27	38.01 3.67 0.00	39.62 3.80 0.00	40.93 3.71 -1.24	46.08 3.95 -4.18	50.19 3.87 -8.41	45.32 3.77 -4.20	41.63 3.55 -0.28	38.99 3.45 0.00	36.49 3.23 0.00	36.46 2.66 -7.96	34.19 3.12 -0.21
WADING RIVER_IC_1 23522	48.86 4.47 -14.14	41.25 4.26 -8.17	44.62 3.98 -12.41	37.62 3.68 -6.69	36.89 3.49 -7.52	37.29 3.44 -8.59	37.88 3.61 -8.48	38.52 3.45 -10.42	43.90 3.60 -15.11	43.13 4.04 -11.20	48.93 3.99 -15.58	50.61 4.16 -15.87	57.05 4.58 -18.79	59.71 4.70 -20.67	125.21 4.94 -84.45	140.33 4.97 -99.37	155.85 5.35 -112.54	176.14 5.38 -132.84	168.84 5.34 -126.16	130.93 5.18 -87.96	119.49 4.83 -79.12	55.50 4.52 -17.71	48.32 3.77 -18.71	46.76 4.51 -11.39
WADING RIVER_IC_2 23547	48.86 4.47 -14.14	41.25 4.26 -8.17	44.62 3.98 -12.41	37.62 3.68 -6.69	36.89 3.49 -7.52	37.29 3.44 -8.59	37.88 3.61 -8.48	38.52 3.45 -10.42	43.90 3.60 -15.11	43.13 4.04 -11.20	48.93 3.99 -15.58	50.61 4.16 -15.87	57.05 4.58 -18.79	59.71 4.70 -20.67	125.21 4.94 -84.45	140.33 4.97 -99.37	155.85 5.35 -112.54	176.14 5.38 -132.84	168.84 5.34 -126.16	130.93 5.18 -87.96	119.49 4.83 -79.12	55.50 4.52 -17.71	48.32 3.77 -18.71	46.76 4.51 -11.39
WADING RIVER_IC_3 23601	48.86 4.47 -14.14	41.25 4.26 -8.17	44.62 3.98 -12.41	37.62 3.68 -6.69	36.89 3.49 -7.52	37.29 3.44 -8.59	37.88 3.61 -8.48	38.52 3.45 -10.42	43.90 3.60 -15.11	43.13 4.04 -11.20	48.93 3.99 -15.58	50.61 4.16 -15.87	57.05 4.58 -18.79	59.71 4.70 -20.67	125.21 4.94 -84.45	140.33 4.97 -99.37	155.85 5.35 -112.54	176.14 5.38 -132.84	168.84 5.34 -126.16	130.93 5.18 -87.96	119.49 4.83 -79.12	55.50 4.52 -17.71	48.32 3.77 -18.71	46.76 4.51 -11.39
WALDENNY_12_KV_BK2 80841	29.57 -0.67 0.00	28.24 -0.58 0.00	27.58 -0.65 0.00	26.67 -0.57 0.00	25.54 -0.34 0.00	25.05 -0.48 -0.27	25.50 -0.28 0.00	23.97 -0.81 -0.14	24.66 -0.58 -0.05	27.44 -0.45 0.00	29.06 -0.29 0.00	30.43 -0.15 0.00	33.01 -0.67 0.00	33.79 -0.55 0.00	35.28 -0.54 0.00	35.29 -0.90 -0.20	37.62 -1.02 -0.69	38.10 -0.87 -1.05	37.01 -0.90 -0.56	37.15 -0.68 -0.04	34.87 -0.68 0.00	32.70 -0.57 0.00	26.39 -0.70 -1.25	30.58 -0.28 0.00
WALDEN__HYDRO 24148	32.60 2.36 0.00	31.03 2.22 0.00	30.21 1.98 0.00	29.12 1.88 0.00	27.69 1.81 0.00	28.53 1.69 -1.58	27.59 1.80 0.00	27.17 1.72 -0.80	27.30 1.74 -0.38	29.84 1.95 0.00	31.32 1.97 0.00	32.63 2.05 0.00	36.31 2.43 -0.20	36.77 2.44 0.00	38.43 2.61 0.00	39.81 2.63 -1.19	44.90 2.92 -4.02	48.88 2.96 -8.01	44.29 2.88 -4.07	40.67 2.61 -0.27	38.07 2.52 0.00	35.56 2.29 0.00	35.25 1.83 -7.58	33.24 2.22 -0.16
WARRENSBURG____ 23737	32.30 2.06 0.00	30.66 1.85 0.00	29.90 1.67 0.00	28.88 1.63 0.00	27.61 1.73 0.00	29.06 1.67 -2.13	27.59 1.80 0.00	27.46 1.72 -1.08	28.35 1.89 -1.27	29.92 2.03 0.00	31.56 2.20 0.00	32.81 2.23 0.00	35.41 2.05 0.33	36.47 2.13 0.00	38.08 2.26 0.00	39.90 2.31 -1.61	45.56 2.16 -5.43	64.56 2.24 -24.40	53.24 2.17 -13.73	40.98 2.27 -0.92	37.67 2.13 0.00	35.42 2.16 0.00	37.05 1.76 -9.45	32.61 2.00 0.26
WATERSIDE____6 8 9 23538	33.45 3.21 -0.01	31.79 2.97 -0.01	30.95 2.71 -0.01	29.76 2.51 -0.01	28.27 2.38 -0.01	29.23 2.32 -1.65	28.21 2.42 0.00	27.82 2.34 -0.83	27.92 2.34 -0.39	30.59 2.70 0.00	32.21 2.85 -0.01	33.62 3.03 -0.01	37.40 3.44 -0.28	37.91 3.57 -0.01	39.52 3.69 -0.01	40.75 3.53 -1.24	45.89 3.76 -4.18	49.93 3.60 -8.41	45.10 3.55 -4.20	41.40 3.33 -0.28	38.88 3.34 0.00	36.45 3.19 0.01	36.44 2.64 -7.97	34.17 3.09 -0.22
WATKINRD_115KV_LN8_ILLION 55919	30.15 -0.09 0.00	28.73 -0.09 0.00	28.15 -0.08 0.00	27.16 -0.08 0.00	25.80 -0.08 0.00	25.19 -0.08 0.00	25.73 -0.05 0.00	24.58 -0.07 0.00	25.11 -0.08 0.00	27.80 -0.08 0.00	29.27 -0.09 0.00	30.49 -0.09 0.00	33.58 -0.10 0.00	34.23 -0.10 0.00	35.71 -0.11 0.00	35.88 -0.11 0.00	37.92 -0.04 0.00	37.88 -0.04 0.00	37.27 -0.07 0.00	37.72 -0.08 0.00	35.47 -0.07 0.00	33.16 -0.10 0.00	25.73 -0.10 0.00	30.74 -0.12 0.00
WATSON__69_KV_BK 1 55734	46.72 4.48 -12.00	41.19 4.21 -8.17	42.32 3.90 -10.19	37.61 3.68 -6.69	36.86 3.47 -7.52	37.26 3.41 -8.59	37.83 3.56 -8.48	38.50 3.43 -10.42	43.84 3.55 -15.10	43.10 4.02 -11.20	48.66 3.99 -15.31	50.57 4.13 -15.86	56.96 4.51 -18.76	59.69 4.70 -20.65	87.49 4.84 -46.84	99.78 4.79 -59.00	105.16 5.12 -62.07	94.19 5.16 -51.12	87.87 5.12 -45.41	88.46 4.91 -45.76	81.64 4.69 -41.41	54.80 4.46 -17.08	47.91 3.80 -18.27	42.82 4.51 -7.45
WDELAWARE__HYD 323627	32.30 2.06 0.00	30.71 1.90 0.00	29.90 1.67 0.00	28.80 1.55 0.00	27.38 1.50 0.00	28.02 1.34 -1.42	27.25 1.47 0.00	26.75 1.38 -0.72	26.90 1.36 -0.35	29.39 1.50 0.00	30.85 1.50 0.00	32.11 1.53 0.00	35.76 1.95 -0.13	36.26 1.92 0.00	37.97 2.15 0.00	39.26 2.20 -1.07	44.20 2.62 -3.63	48.03 2.69 -7.42	43.77 2.57 -3.85	40.24 2.19 -0.26	37.71 2.17 0.00	35.22 1.96 0.00	34.16 1.55 -6.77	32.85 1.88 -0.10

WEST BABYLON___IC 23714	44.78 4.20 -10.34	40.92 3.95 -8.16	40.38 3.67 -8.48	37.36 3.43 -6.69	36.63 3.23 -7.52	37.06 3.21 -8.59	37.62 3.35 -8.48	38.28 3.20 -10.42	43.61 3.33 -15.10	42.85 3.76 -11.20	44.79 3.76 -11.68	50.32 3.88 -15.86	56.63 4.21 -18.74	59.35 4.40 -20.62	58.01 4.51 -17.67	68.31 4.46 -27.86	65.68 4.78 -22.94	65.08 4.82 -22.35	59.52 4.78 -17.40	55.43 4.61 -13.03	52.08 4.37 -12.17	47.24 4.22 -9.75	42.77 3.57 -13.36	39.48 4.23 -4.39
WEST CANADA___HYD 24049	30.30 0.06 0.00	28.87 0.06 0.00	28.29 0.06 0.00	27.30 0.05 0.00	25.96 0.08 0.00	25.34 0.08 0.00	25.86 0.08 0.00	24.70 0.05 0.00	25.24 0.05 0.00	27.94 0.06 0.00	29.42 0.06 0.00	30.64 0.06 0.00	33.75 0.07 0.00	34.41 0.07 0.00	35.89 0.07 0.00	36.06 0.07 0.00	38.11 0.15 0.00	38.07 0.15 0.00	37.46 0.11 0.00	37.91 0.11 0.00	35.65 0.11 0.00	33.33 0.07 0.00	25.89 0.05 0.00	30.92 0.06 0.00
WESTERN_NY_WIND 24143	29.51 -0.73 0.00	28.04 -0.78 0.00	27.90 -0.34 0.00	26.84 -0.41 0.00	25.62 -0.26 0.00	25.32 -0.18 -0.23	25.63 -0.15 0.00	24.28 -0.49 -0.12	24.73 -0.50 -0.04	27.52 -0.36 0.00	29.15 -0.20 0.00	30.49 -0.09 0.00	33.21 -0.47 0.00	33.89 -0.45 0.00	35.35 -0.47 0.00	35.66 -0.50 -0.18	38.21 -0.34 -0.60	38.31 -0.49 -0.89	37.03 -0.79 -0.47	37.45 -0.38 -0.03	35.22 -0.32 0.00	32.83 -0.43 0.00	26.66 -0.26 -1.08	30.83 -0.03 0.00
WESTOVER___LESR 323668	30.87 0.24 -0.39	29.04 0.23 0.00	28.46 0.23 0.00	27.41 0.16 0.00	26.16 0.28 0.00	25.93 0.15 -0.52	26.07 0.28 0.00	25.06 0.15 -0.26	25.55 0.25 -0.11	28.45 0.33 -0.23	30.08 0.38 -0.34	31.47 0.46 -0.43	34.72 0.40 -0.63	35.37 0.38 -0.66	37.01 0.43 -0.76	37.45 0.29 -1.17	40.64 0.46 -2.22	41.52 0.53 -3.07	39.81 0.45 -2.01	39.24 0.53 -0.92	36.71 0.46 -0.71	34.21 0.40 -0.54	28.42 0.18 -2.40	31.65 0.34 -0.45
WETHRSFD_WT_PWR 323626	29.72 -0.51 0.00	28.27 -0.55 0.00	27.90 -0.34 0.00	26.78 -0.46 0.00	25.59 -0.28 0.00	25.19 -0.38 -0.30	25.61 -0.18 0.00	24.19 -0.62 -0.15	24.82 -0.43 -0.06	27.58 -0.31 0.00	29.18 -0.18 0.00	30.52 -0.06 0.00	33.28 -0.40 0.00	33.93 -0.41 0.00	35.35 -0.47 0.00	35.53 -0.68 -0.23	38.20 -0.53 -0.77	38.55 -0.57 -1.20	37.36 -0.64 -0.65	37.38 -0.45 -0.04	35.08 -0.46 0.00	32.50 -0.76 0.00	26.77 -0.46 -1.40	30.71 -0.15 0.00
WHAVSTOR_138KV_BK127 55557	32.72 2.48 0.00	31.09 2.28 0.00	30.29 2.06 0.00	29.15 1.91 0.00	27.72 1.84 0.00	28.62 1.79 -1.57	27.67 1.88 0.00	27.29 1.85 -0.79	27.47 1.91 -0.37	30.01 2.12 0.00	31.50 2.14 0.00	32.82 2.23 0.00	36.52 2.59 -0.25	37.01 2.68 0.00	38.61 2.79 0.00	39.91 2.74 -1.18	44.91 2.96 -3.99	48.83 2.92 -8.00	44.16 2.80 -4.01	40.63 2.57 -0.27	38.07 2.52 0.00	35.62 2.36 0.00	35.43 1.99 -7.60	33.40 2.35 -0.20
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.72 2.48 0.00	31.09 2.28 0.00	30.29 2.06 0.00	29.15 1.91 0.00	27.72 1.84 0.00	28.62 1.79 -1.57	27.67 1.88 0.00	27.29 1.85 -0.79	27.47 1.91 -0.37	30.01 2.12 0.00	31.50 2.14 0.00	32.82 2.23 0.00	36.52 2.59 -0.25	37.01 2.68 0.00	38.61 2.79 0.00	39.91 2.74 -1.18	44.91 2.96 -3.99	48.83 2.92 -8.00	44.16 2.80 -4.01	40.63 2.57 -0.27	38.07 2.52 0.00	35.62 2.36 0.00	35.43 1.99 -7.60	33.40 2.35 -0.20
WHITEHAL_115KV_TB1 80871	33.17 2.93 0.00	31.44 2.62 0.00	30.63 2.40 0.00	29.51 2.26 0.00	28.23 2.35 0.00	29.69 2.30 -2.13	28.26 2.48 0.00	28.12 2.39 -1.08	29.07 2.62 -1.26	30.73 2.84 0.00	32.38 3.02 0.00	33.64 3.06 0.00	36.24 2.90 0.34	37.36 3.02 0.00	38.97 3.15 0.00	40.80 3.20 -1.61	46.58 3.19 -5.43	65.49 3.34 -24.23	54.20 3.21 -13.65	42.15 3.44 -0.92	38.78 3.23 0.00	36.42 3.16 0.00	37.52 2.25 -9.44	33.37 2.78 0.27
WHITEPLN_13_KV_LOAD 356215	33.50 3.27 0.00	31.87 3.05 0.00	31.03 2.80 0.00	29.78 2.53 0.00	28.26 2.38 0.00	29.30 2.40 -1.64	28.29 2.50 0.00	27.89 2.42 -0.83	28.12 2.54 -0.39	30.70 2.82 0.00	32.29 2.94 0.00	33.73 3.15 0.00	37.62 3.67 -0.27	38.11 3.78 0.00	39.80 3.98 0.00	41.22 4.00 -1.23	46.34 4.21 -4.17	50.44 4.13 -8.39	45.57 4.03 -4.19	41.81 3.74 -0.28	39.10 3.55 0.00	36.56 3.29 0.00	36.44 2.66 -7.94	34.19 3.12 -0.21
WM_FLOYD_69_KV_BK2 356380	48.88 4.41 -14.23	41.16 4.18 -8.17	44.65 3.92 -12.50	37.59 3.65 -6.70	36.81 3.42 -7.52	37.24 3.39 -8.59	37.80 3.53 -8.48	38.48 3.40 -10.42	43.82 3.53 -15.11	43.05 3.96 -11.20	48.88 3.85 -15.68	50.46 4.01 -15.87	56.92 4.45 -18.79	59.65 4.64 -20.67	126.66 4.84 -86.00	141.78 4.82 -100.97	157.75 5.16 -114.63	233.85 5.23 -190.70	226.55 5.23 -183.98	132.56 5.06 -89.71	120.95 4.73 -80.68	55.60 4.42 -17.92	48.43 3.75 -18.85	46.86 4.44 -11.56
WOODARD__115KV_TB2 355635	30.35 -0.57 -0.69	28.32 -0.49 0.00	27.81 -0.42 0.00	26.78 -0.46 0.00	25.52 -0.36 0.00	25.06 -0.35 -0.15	25.45 -0.34 0.00	24.38 -0.35 -0.07	24.81 -0.38 0.00	27.90 -0.39 -0.41	29.60 -0.35 -0.60	30.97 -0.37 -0.76	34.33 -0.47 -1.12	34.95 -0.55 -1.16	36.63 -0.54 -1.34	36.94 -0.54 -1.49	39.48 -0.46 -1.97	39.07 -0.42 -1.57	38.25 -0.56 -1.47	38.78 -0.49 -1.48	36.29 -0.50 -1.25	33.72 -0.50 -0.96	26.12 -0.41 -0.70	31.15 -0.49 -0.78
YORK___WARBASSE 23770	33.66 3.42 -0.01	31.99 3.17 -0.01	31.15 2.91 -0.01	29.95 2.70 -0.01	28.45 2.56 -0.01	29.41 2.50 -1.65	28.40 2.60 -0.01	27.98 2.49 -0.84	28.02 2.44 -0.39	30.76 2.87 0.00	32.39 3.02 -0.01	33.80 3.21 -0.01	37.60 3.64 -0.28	38.16 3.81 -0.01	39.73 3.90 -0.01	41.01 3.78 -1.24	46.16 4.02 -4.18	50.24 3.91 -8.42	45.36 3.81 -4.20	41.70 3.63 -0.28	39.18 3.63 -0.01	36.80 3.43 -0.11	36.60 2.79 -7.97	34.36 3.27 -0.22