

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										05/23/2024	
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	30.20	26.67	26.15	26.23	26.21	27.10	32.01	35.88	40.81	41.23	43.29	45.75	48.24	50.56	51.79	53.09	71.76	73.80	65.74	55.87	51.21	41.75	38.36	33.64								
		2.54	1.98	2.03	1.94	1.90	2.01	2.57	2.76	2.99	3.24	3.44	3.52	3.85	4.45	4.80	4.98	6.24	6.53	6.32	5.34	4.75	3.81	3.67	3.14								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-1.35	-4.17	-4.26	-5.11	-6.71	-7.06	-7.69	-7.64	-7.92	-15.98	-16.25	-12.30	-7.49	-6.21	-3.04	-2.77	-2.22							
74TH STREET_GT_1 24260	EDT	30.23	26.67	26.17	26.26	26.23	27.07	32.01	35.88	40.85	41.26	43.22	45.67	48.16	50.33	51.71	52.97	71.65	73.74	65.73	55.91	51.16	41.75	38.36	33.67								
		2.57	1.98	2.05	1.97	1.92	1.98	2.57	2.76	3.03	3.27	3.37	3.45	3.77	4.23	4.72	4.86	6.14	6.48	6.31	5.38	4.71	3.80	3.67	3.17								
		0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-1.35	-4.16	-4.26	-5.11	-6.71	-7.06	-7.68	-7.63	-7.92	-15.97	-16.24	-12.29	-7.49	-6.21	-3.04	-2.77	-2.22								
74TH STREET_GT_2 24261	EDT	30.23	26.67	26.17	26.26	26.23	27.07	32.01	35.88	40.85	41.26	43.22	45.67	48.16	50.33	51.71	52.97	71.65	73.74	65.73	55.91	51.16	41.75	38.36	33.67								
		2.57	1.98	2.05	1.97	1.92	1.98	2.57	2.76	3.03	3.27	3.37	3.45	3.77	4.23	4.72	4.86	6.14	6.48	6.31	5.38	4.71	3.80	3.67	3.17								
		0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-1.35	-4.16	-4.26	-5.11	-6.71	-7.06	-7.68	-7.63	-7.92	-15.97	-16.24	-12.29	-7.49	-6.21	-3.04	-2.77	-2.22								
ADK HUDSON___FALLS 24011	EDT	29.10	25.91	25.30	25.46	25.53	26.32	30.72	33.16	34.70	34.90	35.51	36.42	38.39	39.53	40.67	41.82	51.12	53.65	50.23	46.23	42.87	36.82	33.68	29.70								
		1.44	1.21	1.18	1.17	1.22	1.23	1.49	1.40	1.55	1.65	1.60	1.67	1.83	1.81	1.93	2.25	2.82	3.37	3.11	3.19	2.62	1.92	1.76	1.41								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.47	0.83	0.76	0.77	0.70	0.61	0.62	1.24	0.74	0.00	0.00	0.00	0.00	0.00	0.00								
ADK RESOURCE___RCVRY 23798	EDT	29.23	26.03	25.40	25.58	25.62	26.44	30.89	33.35	34.91	35.08	35.73	36.65	38.63	39.77	40.87	42.03	51.44	54.01	50.56	46.53	43.15	37.03	33.84	29.84								
		1.58	1.33	1.28	1.29	1.31	1.35	1.67	1.59	1.75	1.82	1.81	1.88	2.05	2.03	2.12	2.45	3.12	3.72	3.44	3.48	2.90	2.13	1.92	1.55								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.47	0.82	0.75	0.76	0.69	0.60	0.62	1.22	0.73	0.00	0.00	0.00	0.00	0.00	0.00								
ADK S GLENS___FALLS 24028	EDT	29.10	25.91	25.30	25.46	25.53	26.32	30.72	33.16	34.70	34.90	35.51	36.42	38.39	39.53	40.67	41.82	51.12	53.65	50.23	46.23	42.87	36.82	33.68	29.70								
		1.44	1.21	1.18	1.17	1.22	1.23	1.49	1.40	1.55	1.65	1.60	1.67	1.83	1.81	1.93	2.25	2.82	3.37	3.11	3.19	2.62	1.92	1.76	1.41								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.47	0.83	0.76	0.77	0.70	0.61	0.62	1.24	0.74	0.00	0.00	0.00	0.00	0.00	0.00								
ADK_NYS___DAM 23527	EDT	28.82	25.71	25.16	25.33	25.43	26.17	30.40	32.87	33.65	33.91	34.19	35.23	37.11	38.71	39.99	40.93	49.52	52.27	50.30	46.23	43.07	37.00	33.58	29.75								
		1.16	1.01	1.04	1.04	1.12	1.08	1.17	1.11	1.08	1.21	1.25	1.35	1.45	1.81	1.97	2.09	2.67	2.86	3.16	3.18	2.82	2.09	1.66	1.47								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08	1.03	1.79	1.63	1.68	1.51	1.33	1.35	2.68	1.61	-0.02	0.00	0.00	0.00	0.00	0.00								
AIR_PRODUCTS___DRP 24190	EDT	28.27	25.31	24.77	24.95	24.99	25.67	29.75	31.95	33.43	33.66	34.35	35.15	37.09	38.36	39.58	40.54	49.62	51.61	48.53	44.46	41.42	35.64	32.49	28.74								
		0.61	0.62	0.65	0.66	0.68	0.58	0.53	0.19	0.20	0.34	0.31	0.28	0.41	0.54	0.75	0.88	1.14	1.22	1.41	1.42	1.17	0.73	0.57	0.45								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.40	0.70	0.65	0.66	0.59	0.52	0.53	1.05	0.63	0.00	0.00	0.00	0.00	0.00	0.00								
AKWESSNE_115KV_BK 355683	EDT	26.94	24.10	23.45	23.63	23.65	24.46	28.56	31.16	32.95	32.92	33.83	34.63	36.33	37.27	38.02	38.78	39.03	39.24	42.06	41.31	38.96	34.03	30.99	27.46								
		-0.72	-0.59	-0.68	-0.66	-0.66	-0.63	-0.67	-0.60	-0.71	-0.81	-0.90	-0.89	-1.01	-1.15	-1.34	-1.41	-1.78	-1.94	-1.88	-1.72	-1.29	-0.87	-0.93	-0.82								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.72	9.84	3.17	0.01	0.00	0.00	0.00	0.00								
ALBANY_1_SOLAR 323833	EDT	28.76	25.73	25.18	25.36	25.38	26.09	30.22	32.49	34.12	34.20	34.95	35.72	37.66	38.88	39.96	41.00	50.51	52.59	49.34	45.23	42.22	36.37	33.13	29.30								
		1.11	1.04	1.06	1.07	1.07	1.00	0.99	0.73	0.71	0.71	0.63	0.57	0.71	0.81	0.91	1.12	1.58	1.94	2.22	2.19	1.97	1.47	1.21	1.02								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.23	0.41	0.37	0.38	0.35	0.30	0.31	0.61	0.37	-0.01	0.00	0.00	0.00	0.00	0.00								
ALBANY_2_SOLAR 323834	EDT	28.73	25.73	25.18	25.36	25.38	26.07	30.22	32.49	34.12	34.16	34.95	35.68	37.63	38.84	39.96	41.00	50.51	52.59	49.30	45.23	42.22	36.34	33.13	29.30								
		1.08	1.04	1.06	1.07	1.07	0.98	0.99	0.73	0.71	0.67	0.63	0.53	0.67	0.77	0.91	1.12	1.58	1.94	2.17	2.19	1.97	1.43	1.21	1.02								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.23	0.41	0.37	0.38	0.35	0.30	0.31	0.61	0.37	-0.01	0.00	0.00	0.00	0.00	0.00								
ALBANY___1 23571	EDT	28.27	25.31	24.77	24.95	24.99	25.67	29.75	31.95	33.43	33.66	34.35	35.15	37.09	38.36	39.58	40.54	49.62	51.61	48.53	44.46	41.42	35.64	32.49	28.74								
		0.61	0.62	0.65	0.66	0.68	0.58	0.53	0.19	0.20	0.34	0.31	0.28	0.41	0.54	0.75	0.88	1.14	1.22	1.41	1.42	1.17	0.73	0.57	0.45								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.40	0.70	0.65	0.66	0.59	0.52	0.53	1.05	0.63	0.00	0.00	0.00	0.00	0.00	0.00								

ALBANY___2 23572	28.27 0.61 0.00	25.31 0.62 0.00	24.77 0.65 0.00	24.95 0.66 0.00	24.99 0.68 0.00	25.67 0.58 0.00	29.75 0.53 0.00	31.95 0.19 0.00	33.43 0.20 0.42	33.66 0.34 0.40	34.35 0.31 0.70	35.15 0.28 0.65	37.09 0.41 0.66	38.36 0.54 0.59	39.58 0.75 0.52	40.54 0.88 0.53	49.62 1.14 1.05	51.61 1.22 0.63	48.53 1.41 0.00	44.46 1.42 0.00	41.42 1.17 0.00	35.64 0.73 0.00	32.49 0.57 0.00	28.74 0.45 0.00
ALBANY___3 23573	28.27 0.61 0.00	25.31 0.62 0.00	24.77 0.65 0.00	24.95 0.66 0.00	24.99 0.68 0.00	25.67 0.58 0.00	29.75 0.53 0.00	31.95 0.19 0.00	33.43 0.20 0.42	33.66 0.34 0.40	34.35 0.31 0.70	35.15 0.28 0.65	37.09 0.41 0.66	38.36 0.54 0.59	39.58 0.75 0.52	40.54 0.88 0.53	49.62 1.14 1.05	51.61 1.22 0.63	48.53 1.41 0.00	44.46 1.42 0.00	41.42 1.17 0.00	35.64 0.73 0.00	32.49 0.57 0.00	28.74 0.45 0.00
ALBANY___4 23574	28.27 0.61 0.00	25.31 0.62 0.00	24.77 0.65 0.00	24.95 0.66 0.00	24.99 0.68 0.00	25.67 0.58 0.00	29.75 0.53 0.00	31.95 0.19 0.00	33.43 0.20 0.42	33.66 0.34 0.40	34.35 0.31 0.70	35.15 0.28 0.65	37.09 0.41 0.66	38.36 0.54 0.59	39.58 0.75 0.52	40.54 0.88 0.53	49.62 1.14 1.05	51.61 1.22 0.63	48.53 1.41 0.00	44.46 1.42 0.00	41.42 1.17 0.00	35.64 0.73 0.00	32.49 0.57 0.00	28.74 0.45 0.00
ALBANY___LFGE 323615	28.52 0.86 0.00	25.51 0.81 0.00	24.96 0.84 0.00	25.14 0.85 0.00	25.16 0.85 0.00	25.87 0.78 0.00	30.02 0.79 0.00	32.27 0.51 0.00	33.73 0.54 0.46	33.96 0.67 0.44	34.66 0.69 0.77	35.52 0.71 0.71	37.48 0.86 0.72	38.81 1.04 0.65	39.93 1.14 0.57	40.93 1.32 0.58	50.02 1.63 1.15	52.16 1.83 0.69	49.10 1.98 0.00	44.93 1.89 0.00	41.90 1.65 0.00	36.05 1.15 0.00	32.85 0.93 0.00	29.02 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	27.08 -0.58 0.00	24.23 -0.47 0.00	23.54 -0.58 0.00	23.73 -0.56 0.00	23.75 -0.56 0.00	24.59 -0.50 0.00	28.70 -0.53 0.00	31.38 -0.38 0.00	33.12 -0.54 0.00	33.02 -0.71 0.00	33.97 -0.76 0.00	34.77 -0.75 0.00	36.48 -0.86 0.00	37.42 -1.00 0.00	38.17 -1.18 0.00	38.94 -1.25 0.00	39.12 -1.98 8.43	39.26 -2.24 9.52	41.79 -2.26 3.07	41.01 -2.02 0.01	39.08 -1.17 0.00	34.17 -0.73 0.00	31.09 -0.83 0.00	27.55 -0.74 0.00
ALCOA_RYNLDS___DRP 24188	27.08 -0.58 0.00	24.23 -0.47 0.00	23.54 -0.58 0.00	23.73 -0.56 0.00	23.75 -0.56 0.00	24.59 -0.50 0.00	28.70 -0.53 0.00	31.38 -0.38 0.00	33.12 -0.54 0.00	33.02 -0.71 0.00	33.97 -0.76 0.00	34.77 -0.75 0.00	36.48 -0.86 0.00	37.42 -1.00 0.00	38.17 -1.18 0.00	38.94 -1.25 0.00	39.12 -1.98 8.43	39.26 -2.24 9.52	41.79 -2.26 3.07	41.01 -2.02 0.01	39.08 -1.17 0.00	34.17 -0.73 0.00	31.09 -0.83 0.00	27.55 -0.74 0.00
ALCOA___DSASP 323711	27.08 -0.58 0.00	24.23 -0.47 0.00	23.54 -0.58 0.00	23.73 -0.56 0.00	23.75 -0.56 0.00	24.59 -0.50 0.00	28.70 -0.53 0.00	31.38 -0.38 0.00	33.11 -0.54 0.00	33.01 -0.71 0.00	33.97 -0.76 0.00	34.77 -0.75 0.00	36.48 -0.86 0.00	37.30 -1.12 0.00	38.17 -1.18 0.00	38.94 -1.25 0.00	39.12 -1.98 8.43	39.26 -2.24 9.52	41.79 -2.26 3.07	41.05 -1.98 0.01	39.04 -1.21 0.00	34.14 -0.77 0.00	31.09 -0.83 0.00	27.58 -0.71 0.00
ALLEGHENY___COGEN 23514	28.72 1.60 0.54	26.17 1.51 0.03	25.18 1.18 0.13	25.29 1.14 0.14	25.05 1.04 0.31	26.37 1.51 0.23	30.02 1.64 0.85	32.53 1.94 1.17	34.25 1.82 1.22	33.51 1.18 1.40	34.65 1.14 1.23	35.21 0.99 1.30	35.15 -0.60 1.59	36.54 -0.23 1.65	37.04 -0.39 1.92	37.01 -0.60 2.58	44.79 -0.65 4.10	47.47 -0.15 3.40	47.65 0.52 -0.01	43.90 0.86 0.00	41.13 0.88 0.00	35.46 0.56 0.00	33.84 1.92 0.00	30.21 1.92 0.00
ALTAMONT_115KV_TB 2 55880	28.46 0.80 0.00	25.44 0.74 0.00	24.92 0.80 0.00	25.09 0.80 0.00	25.11 0.80 0.00	25.82 0.73 0.00	30.02 0.79 0.00	32.46 0.70 0.00	34.12 0.74 0.27	34.28 0.81 0.26	35.08 0.80 0.45	35.87 0.78 0.43	37.85 0.93 0.42	39.15 1.11 0.38	40.32 1.30 0.33	41.26 1.41 0.34	50.64 1.78 0.68	52.50 1.89 0.40	49.15 2.03 0.00	44.98 1.94 0.00	41.94 1.69 0.00	36.13 1.22 0.00	32.97 1.05 0.00	29.16 0.88 0.00
ALTONA_WT_PWR 323606	26.52 -1.14 0.00	23.81 -0.89 0.00	22.94 -1.18 0.00	23.17 -1.12 0.00	23.24 -1.07 0.00	24.24 -0.85 0.00	28.50 -0.73 0.00	31.41 -0.35 0.00	33.11 -0.54 0.00	32.85 -0.88 0.00	33.62 -1.11 0.00	34.34 -1.17 0.00	35.66 -1.68 0.00	36.61 -1.81 0.00	37.50 -1.85 0.00	38.34 -1.85 0.00	38.73 -2.18 8.62	39.25 -2.04 9.73	42.01 -1.98 3.14	41.44 -1.59 0.01	38.92 -1.33 0.00	33.65 -1.26 0.00	30.33 -1.60 0.00	26.93 -1.36 0.00
AMERICAN_REF_FUEL 24010	27.03 0.00 0.62	24.78 0.12 0.04	23.97 0.00 0.15	24.10 -0.02 0.17	23.71 -0.24 0.36	25.00 0.18 0.27	27.95 -0.29 0.98	29.83 -0.57 1.36	31.94 -0.30 1.42	31.46 -0.64 1.62	32.89 -0.42 1.43	33.68 -0.32 1.51	34.71 -0.79 1.84	36.12 -0.38 1.92	36.37 -0.75 2.23	35.94 -1.25 3.00	43.08 -1.68 4.76	45.39 -1.68 3.95	45.76 -1.37 -0.01	41.75 -1.29 0.00	38.92 -1.33 0.00	33.54 -1.36 0.00	31.38 -0.54 0.00	28.46 0.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.64 0.55 0.57	25.40 0.74 0.03	24.76 0.77 0.14	25.04 0.90 0.15	24.78 0.80 0.33	26.22 1.38 0.24	29.70 1.37 0.90	32.10 1.59 1.25	34.41 2.05 1.30	33.89 1.65 1.49	35.48 2.05 1.31	36.30 2.17 1.39	37.40 1.76 1.69	39.12 2.46 1.76	39.39 2.08 2.04	39.13 1.69 2.75	47.15 1.98 4.37	49.54 2.14 3.62	49.76 2.64 -0.01	45.36 2.32 0.00	42.18 1.93 0.00	36.13 1.22 0.00	33.61 1.69 0.00	30.23 1.95 0.00
ARTHUR KILL_GT_1 23520	30.32 2.66 -0.01	26.83 2.12 -0.01	26.27 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.20 2.11 0.00	32.02 2.57 -0.22	35.69 2.57 -1.36	40.48 2.66 -4.17	40.86 2.86 -4.27	42.90 3.06 -5.10	45.38 3.16 -6.70	44.75 3.29 -4.13	45.30 3.80 -3.07	45.22 4.05 -1.81	45.78 4.22 -1.37	53.56 5.45 1.42	55.73 5.86 1.15	47.71 5.70 5.11	46.73 4.73 1.05	45.97 4.35 -1.37	41.62 3.66 -3.05	38.24 3.54 -2.78	33.54 3.03 -2.23
ARTHUR_KILL_2 23512	30.24 2.57 -0.01	26.73 2.03 -0.01	26.20 2.07 -0.01	26.29 1.99 -0.01	26.29 1.97 -0.01	27.12 2.03 0.00	31.90 2.46 -0.22	35.60 2.48 -1.36	40.35 2.53 -4.17	40.76 2.77 -4.27	42.76 2.92 -5.10	45.24 3.02 -6.70	44.64 3.17 -4.13	45.18 3.69 -3.07	45.06 3.90 -1.81	45.62 4.06 -1.37	53.31 5.20 1.42	55.48 5.61 1.15	47.47 5.46 5.11	46.51 4.52 1.05	45.77 4.15 -1.37	41.48 3.52 -3.05	38.08 3.38 -2.78	33.42 2.91 -2.23
ARTHUR_KILL_3 23513	29.98 2.32 0.00	26.42 1.73 0.00	25.93 1.81 0.00	25.99 1.70 0.00	25.99 1.68 0.00	26.82 1.73 0.00	31.72 2.28 -0.21	35.59 2.48 -1.35	40.48 2.66 -4.17	40.85 2.86 -4.26	42.80 2.95 -5.11	45.17 2.95 -6.71	44.69 3.21 -4.14	45.27 3.77 -3.08	45.27 4.09 -1.82	45.79 4.22 -1.38	53.47 5.35 1.41	55.54 5.66 1.14	47.53 5.51 5.10	46.61 4.61 1.04	45.74 4.11 -1.38	41.33 3.38 -3.04	38.01 3.32 -2.77	33.36 2.86 -2.22

ARTHUR_KILL_COGEN 323718	30.32 2.66 -0.01	26.83 2.12 -0.01	26.27 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.20 2.11 0.00	32.02 2.57 -0.22	35.69 2.57 -1.36	40.48 2.66 -4.17	40.86 2.86 -4.27	42.90 3.06 -5.10	45.38 3.16 -6.70	44.75 3.29 -4.13	45.30 3.80 -3.07	45.22 4.05 -1.81	45.78 4.22 -1.37	53.56 5.45 1.42	55.73 5.86 1.15	47.71 5.70 5.11	46.73 4.73 1.05	45.97 4.35 -1.37	41.62 3.66 -3.05	38.24 3.54 -2.78	33.54 3.03 -2.23
ASHOKAN____ 23654	29.29 1.63 0.00	26.08 1.38 0.00	25.47 1.35 0.00	25.60 1.31 0.00	25.55 1.24 0.00	26.32 1.23 0.00	30.37 1.14 0.00	32.81 1.05 0.00	35.57 1.78 -0.13	35.74 1.89 -0.12	36.93 1.98 -0.22	37.70 1.88 -0.30	39.82 2.28 -0.20	41.14 2.54 -0.18	42.31 2.79 -0.16	43.37 3.02 -0.16	54.07 4.21 -0.32	55.96 4.75 -0.19	51.12 3.96 -0.04	46.74 3.70 0.00	43.43 3.18 0.00	37.03 2.13 0.00	33.80 1.88 0.00	29.84 1.55 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.04 2.38 -0.01	26.56 1.85 -0.01	26.01 1.88 -0.01	26.12 1.82 -0.01	26.12 1.80 -0.01	26.92 1.83 0.00	31.86 2.42 -0.20	35.71 2.61 -1.34	40.57 2.76 -4.16	40.98 3.00 -4.25	43.00 3.16 -5.10	45.45 3.23 -6.70	47.86 3.47 -7.05	50.13 4.03 -7.68	51.19 4.21 -7.63	52.44 4.34 -7.91	71.00 5.50 -15.97	73.12 5.86 -16.24	65.06 5.65 -12.28	55.21 4.69 -7.48	50.76 4.31 -6.20	41.57 3.63 -3.03	38.15 3.45 -2.78	33.48 2.97 -2.23
ASTORIA_EAST_ENERGY_CC2 323582	30.04 2.38 -0.01	26.56 1.85 -0.01	26.01 1.88 -0.01	26.12 1.82 -0.01	26.12 1.80 -0.01	26.92 1.83 0.00	31.86 2.42 -0.20	35.71 2.61 -1.34	40.57 2.76 -4.16	40.98 3.00 -4.25	43.00 3.16 -5.10	45.45 3.23 -6.70	47.86 3.47 -7.05	50.13 4.03 -7.68	51.19 4.21 -7.63	52.44 4.34 -7.91	71.00 5.50 -15.97	73.12 5.86 -16.24	65.06 5.65 -12.28	55.21 4.69 -7.48	50.76 4.31 -6.20	41.57 3.63 -3.03	38.15 3.45 -2.78	33.48 2.97 -2.23
ASTORIA_GT2_1 24094	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
ASTORIA_GT2_2 24095	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
ASTORIA_GT2_3 24096	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
ASTORIA_GT2_4 24097	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
ASTORIA_GT3_1 24098	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
ASTORIA_GT3_2 24099	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
ASTORIA_GT3_3 24100	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
ASTORIA_GT3_4 24101	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
ASTORIA_GT4_1 24102	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
ASTORIA_GT4_2 24103	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
ASTORIA_GT4_3 24104	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23

ASTORIA_GT4_4 24105	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.43 -0.20	35.74 2.64 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.04 3.20 -5.10	45.42 3.20 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.28 4.29 -7.63	52.49 4.38 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.35 4.82 -7.49	50.76 4.31 -6.21	41.57 3.63 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
ASTORIA_GT_1 23523	30.10 2.43 -0.01	26.63 1.93 -0.01	26.08 1.95 -0.01	26.17 1.87 -0.01	26.17 1.85 -0.01	26.97 1.88 0.00	31.92 2.48 -0.20	35.80 2.70 -1.34	40.67 2.86 -4.16	41.08 3.10 -4.25	43.10 3.26 -5.10	45.56 3.34 -6.70	47.97 3.58 -7.05	50.25 4.15 -7.68	51.35 4.37 -7.63	52.60 4.50 -7.91	71.19 5.69 -15.97	73.33 6.07 -16.24	65.25 5.84 -12.28	55.38 4.86 -7.48	50.91 4.47 -6.20	41.67 3.74 -3.03	38.24 3.54 -2.78	33.54 3.03 -2.23
ASTORIA_GT_10 24110	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.22 1.92 -0.01	26.21 1.90 -0.01	27.02 1.93 0.00	31.93 2.48 -0.22	35.79 2.67 -1.36	40.72 2.89 -4.17	41.17 3.17 -4.27	43.09 3.23 -5.12	45.46 3.23 -6.71	47.87 3.47 -7.06	50.02 3.92 -7.68	51.32 4.33 -7.63	52.53 4.42 -7.92	71.06 5.55 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.39 4.86 -7.49	50.80 4.35 -6.21	41.69 3.73 -3.05	41.93 3.58 -6.44	33.62 3.11 -2.23
ASTORIA_GT_11 24225	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.22 1.92 -0.01	26.21 1.90 -0.01	27.02 1.93 0.00	31.93 2.48 -0.22	35.79 2.67 -1.36	40.72 2.89 -4.17	41.17 3.17 -4.27	43.09 3.23 -5.12	45.46 3.23 -6.71	47.87 3.47 -7.06	50.02 3.92 -7.68	51.32 4.33 -7.63	52.53 4.42 -7.92	71.06 5.55 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.39 4.86 -7.49	50.80 4.35 -6.21	41.69 3.73 -3.05	41.93 3.58 -6.44	33.62 3.11 -2.23
ASTORIA_GT_12 24226	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.22 1.92 -0.01	26.21 1.90 -0.01	27.02 1.93 0.00	31.93 2.48 -0.22	35.79 2.67 -1.36	40.72 2.89 -4.17	41.17 3.17 -4.27	43.09 3.23 -5.12	45.46 3.23 -6.71	47.87 3.47 -7.06	50.02 3.92 -7.68	51.32 4.33 -7.63	52.53 4.42 -7.92	71.06 5.55 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.39 4.86 -7.49	50.80 4.35 -6.21	41.69 3.73 -3.05	41.93 3.58 -6.44	33.62 3.11 -2.23
ASTORIA_GT_13 24227	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.22 1.92 -0.01	26.21 1.90 -0.01	27.02 1.93 0.00	31.93 2.48 -0.22	35.79 2.67 -1.36	40.72 2.89 -4.17	41.17 3.17 -4.27	43.09 3.23 -5.12	45.46 3.23 -6.71	47.87 3.47 -7.06	50.02 3.92 -7.68	51.32 4.33 -7.63	52.53 4.42 -7.92	71.06 5.55 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.39 4.86 -7.49	50.80 4.35 -6.21	41.69 3.73 -3.05	41.93 3.58 -6.44	33.62 3.11 -2.23
ASTORIA_GT_5 24106	30.10 2.43 -0.01	26.63 1.93 -0.01	26.08 1.95 -0.01	26.19 1.89 -0.01	26.17 1.85 -0.01	26.97 1.88 0.00	31.92 2.48 -0.20	35.81 2.70 -1.34	40.74 2.93 -4.16	41.15 3.17 -4.25	43.14 3.30 -5.10	45.49 3.27 -6.71	47.94 3.55 -7.06	50.10 4.00 -7.68	51.36 4.37 -7.63	52.57 4.46 -7.92	71.15 5.65 -15.97	73.28 6.02 -16.24	65.26 5.84 -12.29	55.48 4.95 -7.49	50.88 4.43 -6.21	41.67 3.73 -3.03	38.27 3.58 -2.78	33.56 3.05 -2.23
ASTORIA_GT_7 24107	30.10 2.43 -0.01	26.63 1.93 -0.01	26.08 1.95 -0.01	26.19 1.89 -0.01	26.17 1.85 -0.01	26.97 1.88 0.00	31.92 2.48 -0.20	35.81 2.70 -1.34	40.74 2.93 -4.16	41.15 3.17 -4.25	43.14 3.30 -5.10	45.49 3.27 -6.71	47.94 3.55 -7.06	50.10 4.00 -7.68	51.36 4.37 -7.63	52.57 4.46 -7.92	71.15 5.65 -15.97	73.28 6.02 -16.24	65.26 5.84 -12.29	55.48 4.95 -7.49	50.88 4.43 -6.21	41.67 3.73 -3.03	38.27 3.58 -2.78	33.56 3.05 -2.23
ASTORIA_GT_8 24108	30.10 2.43 -0.01	26.63 1.93 -0.01	26.08 1.95 -0.01	26.19 1.89 -0.01	26.17 1.85 -0.01	26.97 1.88 0.00	31.92 2.48 -0.20	35.81 2.70 -1.34	40.74 2.93 -4.16	41.15 3.17 -4.25	43.14 3.30 -5.10	45.49 3.27 -6.71	47.94 3.55 -7.06	50.10 4.00 -7.68	51.36 4.37 -7.63	52.57 4.46 -7.92	71.15 5.65 -15.97	73.28 6.02 -16.24	65.26 5.84 -12.29	55.48 4.95 -7.49	50.88 4.43 -6.21	41.67 3.73 -3.03	38.27 3.58 -2.78	33.56 3.05 -2.23
ASTORIA___2 24149	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.95 1.86 0.00	31.86 2.42 -0.20	35.74 2.63 -1.34	40.60 2.79 -4.16	41.01 3.04 -4.25	43.03 3.19 -5.10	45.45 3.23 -6.70	47.86 3.47 -7.05	50.13 4.03 -7.68	51.23 4.25 -7.63	52.48 4.38 -7.91	71.05 5.55 -15.97	73.17 5.92 -16.24	65.10 5.70 -12.28	55.25 4.73 -7.48	50.80 4.35 -6.20	41.60 3.66 -3.03	38.18 3.48 -2.78	33.48 2.97 -2.23
ASTORIA___3 23516	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.22 1.92 -0.01	26.22 1.90 -0.01	27.02 1.93 0.00	31.93 2.48 -0.22	35.79 2.67 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.09 3.23 -5.12	45.53 3.30 -6.71	47.90 3.51 -7.06	50.17 4.07 -7.68	51.28 4.29 -7.63	52.53 4.42 -7.92	71.05 5.55 -15.97	73.12 5.86 -16.24	65.11 5.70 -12.29	55.30 4.78 -7.49	50.84 4.39 -6.21	41.69 3.74 -3.05	41.93 3.57 -6.44	33.59 3.08 -2.23
ASTORIA___4 23517	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.22 1.92 -0.01	26.21 1.90 -0.01	27.02 1.93 0.00	31.93 2.48 -0.22	35.79 2.67 -1.36	40.72 2.89 -4.17	41.17 3.17 -4.27	43.09 3.23 -5.12	45.46 3.23 -6.71	47.87 3.47 -7.06	50.02 3.92 -7.68	51.32 4.33 -7.63	52.53 4.42 -7.92	71.06 5.55 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.39 4.86 -7.49	50.80 4.35 -6.21	41.69 3.73 -3.05	41.93 3.58 -6.44	33.62 3.11 -2.23
ASTORIA___5 23518	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.22 1.92 -0.01	26.22 1.90 -0.01	27.02 1.93 0.00	31.93 2.48 -0.22	35.79 2.67 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.09 3.23 -5.12	45.53 3.30 -6.71	47.90 3.51 -7.06	50.17 4.07 -7.68	51.28 4.29 -7.63	52.53 4.42 -7.92	71.05 5.55 -15.97	73.12 5.86 -16.24	65.11 5.70 -12.29	55.30 4.78 -7.49	50.84 4.39 -6.21	41.69 3.74 -3.05	41.93 3.57 -6.44	33.59 3.08 -2.23
AST_ENERGY_2_CC3 323677	30.01 2.35 0.00	26.48 1.78 0.00	25.98 1.86 0.00	26.06 1.77 0.00	26.06 1.75 0.00	26.90 1.81 0.00	31.75 2.31 -0.21	35.59 2.48 -1.35	40.46 2.66 -4.15	40.87 2.90 -4.25	42.84 2.99 -5.11	45.32 3.09 -6.71	47.79 3.40 -7.06	50.06 3.96 -7.69	51.28 4.29 -7.64	52.53 4.42 -7.92	71.11 5.60 -15.98	73.18 5.92 -16.24	65.16 5.75 -12.29	55.35 4.82 -7.49	50.77 4.31 -6.21	41.44 3.49 -3.04	38.07 3.38 -2.77	33.42 2.91 -2.22
AST_ENERGY_2_CC4 323678	30.01 2.35 0.00	26.48 1.78 0.00	25.98 1.86 0.00	26.06 1.77 0.00	26.06 1.75 0.00	26.90 1.81 0.00	31.75 2.31 -0.21	35.59 2.48 -1.35	40.46 2.66 -4.15	40.87 2.90 -4.25	42.84 2.99 -5.11	45.32 3.09 -6.71	47.79 3.40 -7.06	50.06 3.96 -7.69	51.28 4.29 -7.64	52.53 4.42 -7.92	71.11 5.60 -15.98	73.18 5.92 -16.24	65.16 5.75 -12.29	55.35 4.82 -7.49	50.77 4.31 -6.21	41.44 3.49 -3.04	38.07 3.38 -2.77	33.42 2.91 -2.22

ATHENS_STG_1 23668	28.76 1.11 0.00	25.61 0.91 0.00	25.13 1.01 0.00	25.29 1.00 0.00	25.31 1.00 0.00	26.02 0.93 0.00	30.31 1.08 0.00	32.84 1.08 0.00	35.18 1.14 -0.38	35.37 1.28 -0.36	36.73 1.35 -0.63	37.33 1.31 -0.50	39.54 1.60 -0.59	40.91 1.96 -0.53	41.98 2.16 -0.47	42.92 2.25 -0.48	53.30 2.82 -0.95	54.49 2.91 -0.57	50.11 3.02 0.03	45.67 2.63 0.00	42.58 2.33 0.00	36.68 1.78 0.00	33.52 1.60 0.00	29.67 1.39 0.00
ATHENS_STG_2 23670	28.76 1.11 0.00	25.61 0.91 0.00	25.13 1.01 0.00	25.29 1.00 0.00	25.31 1.00 0.00	26.02 0.93 0.00	30.31 1.08 0.00	32.84 1.08 0.00	35.18 1.14 -0.38	35.37 1.28 -0.36	36.73 1.35 -0.63	37.33 1.31 -0.50	39.54 1.60 -0.59	40.91 1.96 -0.53	41.98 2.16 -0.47	42.92 2.25 -0.48	53.30 2.82 -0.95	54.49 2.91 -0.57	50.11 3.02 0.03	45.67 2.63 0.00	42.58 2.33 0.00	36.68 1.78 0.00	33.52 1.60 0.00	29.67 1.39 0.00
ATHENS_STG_3 23677	28.76 1.11 0.00	25.61 0.91 0.00	25.13 1.01 0.00	25.29 1.00 0.00	25.31 1.00 0.00	26.02 0.93 0.00	30.31 1.08 0.00	32.84 1.08 0.00	35.18 1.14 -0.38	35.37 1.28 -0.36	36.73 1.35 -0.63	41.67 1.92 -4.24	39.54 1.60 -0.59	40.91 1.96 -0.53	41.98 2.16 -0.47	42.92 2.25 -0.48	53.30 2.82 -0.95	54.49 2.91 -0.57	50.11 3.02 0.03	45.67 2.63 0.00	42.58 2.33 0.00	36.68 1.78 0.00	33.52 1.60 0.00	29.67 1.39 0.00
AUBURN___LFGE 323710	28.04 0.39 0.00	25.04 0.35 0.00	24.39 0.27 0.00	24.53 0.24 0.00	24.53 0.22 0.00	25.47 0.38 0.00	29.73 0.50 0.00	32.40 0.64 0.00	34.36 0.71 0.00	34.33 0.61 0.00	35.43 0.69 0.00	36.26 0.75 0.00	38.01 0.67 0.00	39.19 0.77 0.00	40.06 0.71 0.00	40.83 0.64 0.00	50.38 0.84 0.00	51.94 0.92 0.00	48.16 1.04 0.00	44.03 0.99 0.00	41.09 0.85 0.00	35.50 0.59 0.00	32.53 0.61 0.00	28.85 0.57 0.00
BABYLON_RES_REC 323704	30.15 2.49 0.00	26.57 1.88 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	27.02 1.93 0.00	31.73 2.40 -0.11	35.28 2.35 -1.16	38.16 1.82 -2.69	39.77 2.06 -3.99	39.33 2.19 -2.40	40.12 2.31 -2.29	41.07 2.61 -1.12	48.40 3.23 -6.75	50.79 3.86 -7.57	52.43 4.38 -7.86	69.99 4.61 -15.85	72.02 4.90 -16.10	66.63 5.99 -13.53	54.72 4.26 -7.42	50.09 3.70 -6.14	46.05 3.74 -7.41	36.99 2.52 -2.55	33.79 3.31 -2.20
BABYLON___69_KV_BK2 356345	30.42 2.77 0.00	26.82 2.12 0.00	26.27 2.15 0.00	26.33 2.04 0.00	26.26 1.94 0.00	27.30 2.21 0.00	31.93 2.81 0.11	35.38 2.83 -0.79	38.26 2.25 -2.35	39.77 2.53 -3.51	39.65 2.64 -2.27	40.08 2.38 -2.18	40.97 2.69 -0.94	48.29 3.15 -6.72	50.51 3.58 -7.57	52.47 4.42 -7.86	70.78 5.40 -15.85	72.99 5.87 -16.10	67.08 6.46 -13.50	55.92 5.47 -7.42	50.42 4.02 -6.14	46.35 4.12 -7.32	37.12 2.65 -2.55	34.30 3.82 -2.20
BALL_HILL_WT_PWR 323825	27.65 0.58 0.58	25.33 0.67 0.03	24.56 0.58 0.14	24.72 0.58 0.16	24.39 0.41 0.34	25.72 0.88 0.25	29.04 0.73 0.92	31.25 0.76 1.28	33.44 1.11 1.33	32.95 0.74 1.52	34.48 1.08 1.34	35.31 1.21 1.42	36.43 0.82 1.73	38.05 1.42 1.79	38.33 1.06 2.09	38.06 0.68 2.81	45.77 0.69 4.46	48.14 0.81 3.70	48.54 1.41 -0.01	44.24 1.20 0.00	41.18 0.93 0.00	35.36 0.45 0.00	32.91 0.99 0.00	29.67 1.39 0.00
BARON_WINDS___WT_PWR 323822	27.65 0.42 0.42	25.12 0.44 0.02	24.41 0.38 0.10	24.59 0.41 0.11	24.39 0.32 0.24	25.56 0.65 0.18	29.27 0.70 0.66	31.64 0.79 0.91	33.84 1.04 0.86	33.50 0.78 1.00	34.90 0.97 0.81	35.76 1.10 0.86	37.03 0.79 1.10	38.49 1.23 1.16	38.91 0.94 1.38	38.97 0.68 1.90	47.35 0.79 2.97	49.47 0.97 2.51	48.73 1.60 -0.01	44.50 1.46 0.00	41.42 1.17 0.00	35.60 0.70 0.00	33.01 1.09 0.00	29.50 1.22 0.00
BARRETT_IC_1 23704	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BARRETT_IC_10 23701	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BARRETT_IC_11 23702	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BARRETT_IC_12 23703	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BARRETT_IC_2 23705	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BARRETT_IC_3 23706	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BARRETT_IC_4 23707	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20

BARRETT_IC_5 23708	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BARRETT_IC_6 23709	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BARRETT_IC_7 23710	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	27.00 1.91 0.00	31.72 2.28 -0.21	35.42 2.32 -1.34	39.33 1.88 -3.79	40.14 2.19 -4.22	41.98 2.29 -4.95	44.41 2.42 -6.48	51.45 2.73 -11.38	49.92 3.19 -8.31	50.63 3.70 -7.57	52.23 4.10 -7.94	70.33 4.95 -15.85	72.48 5.36 -16.10	78.66 6.13 -25.42	55.32 4.86 -7.42	50.10 3.70 -6.15	84.69 3.80 -45.98	37.30 2.65 -2.73	33.79 3.31 -2.20
BARRETT_IC_8 23711	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BARRETT_IC_9 23700	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BARRETT___1 23545	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BARRETT___2 23546	30.09 2.43 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	26.99 1.91 0.00	31.72 2.28 -0.21	35.39 2.29 -1.34	39.30 1.85 -3.79	40.07 2.13 -4.22	41.94 2.26 -4.95	44.48 2.49 -6.48	51.45 2.72 -11.38	50.15 3.42 -8.31	50.95 4.02 -7.58	52.63 4.50 -7.94	70.19 4.80 -15.85	72.18 5.05 -16.11	78.62 6.08 -25.42	54.77 4.30 -7.42	50.10 3.70 -6.15	84.73 3.84 -45.98	37.30 2.65 -2.73	33.68 3.20 -2.20
BATAVIA___115KV_TB1 55881	28.04 1.02 0.64	25.67 1.01 0.04	24.69 0.72 0.15	24.82 0.70 0.17	24.45 0.51 0.37	25.79 0.98 0.27	28.97 0.76 1.02	31.28 0.92 1.41	33.81 1.62 1.46	33.06 1.01 1.68	34.65 1.39 1.48	35.34 1.39 1.56	36.48 1.05 1.90	37.79 1.34 1.98	38.23 1.18 2.30	37.49 0.40 3.10	45.01 0.40 4.92	47.30 0.36 4.08	47.64 0.52 -0.01	43.47 0.43 0.00	40.73 0.48 0.00	35.25 0.35 0.00	32.59 0.67 0.00	29.42 1.13 0.00
BAYONEEC___CTG1 323682	30.04 2.38 0.00	26.50 1.80 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.06 1.75 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.54 2.72 -4.17	40.96 2.97 -4.26	42.91 3.06 -5.11	45.35 3.13 -6.71	44.87 3.40 -4.14	45.50 4.00 -3.08	45.47 4.29 -1.82	46.03 4.46 -1.38	58.49 5.64 -3.32	60.56 5.92 -3.63	52.55 5.79 0.36	46.82 4.82 1.04	45.98 4.35 -1.38	41.47 3.52 -3.04	38.11 3.42 -2.77	33.44 2.94 -2.22
BAYONEEC___CTG10 323750	30.04 2.38 0.00	26.50 1.80 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.06 1.75 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.54 2.72 -4.17	40.96 2.97 -4.26	42.91 3.06 -5.11	45.35 3.13 -6.71	44.87 3.40 -4.14	45.50 4.00 -3.08	45.47 4.29 -1.82	46.03 4.46 -1.38	58.49 5.64 -3.32	60.56 5.92 -3.63	52.55 5.79 0.36	46.82 4.82 1.04	45.98 4.35 -1.38	41.47 3.52 -3.04	38.11 3.42 -2.77	33.44 2.94 -2.22
BAYONEEC___CTG2 323683	30.04 2.38 0.00	26.50 1.80 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.06 1.75 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.54 2.72 -4.17	40.96 2.97 -4.26	42.91 3.06 -5.11	45.35 3.13 -6.71	44.87 3.40 -4.14	45.50 4.00 -3.08	45.47 4.29 -1.82	46.03 4.46 -1.38	58.49 5.64 -3.32	60.56 5.92 -3.63	52.55 5.79 0.36	46.82 4.82 1.04	45.98 4.35 -1.38	41.47 3.52 -3.04	38.11 3.42 -2.77	33.44 2.94 -2.22
BAYONEEC___CTG3 323684	30.04 2.38 0.00	26.50 1.80 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.06 1.75 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.54 2.72 -4.17	40.96 2.97 -4.26	42.91 3.06 -5.11	45.35 3.13 -6.71	44.87 3.40 -4.14	45.50 4.00 -3.08	45.47 4.29 -1.82	46.03 4.46 -1.38	58.49 5.64 -3.32	60.56 5.92 -3.63	52.55 5.79 0.36	46.82 4.82 1.04	45.98 4.35 -1.38	41.47 3.52 -3.04	38.11 3.42 -2.77	33.44 2.94 -2.22
BAYONEEC___CTG4 323685	30.04 2.38 0.00	26.50 1.80 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.06 1.75 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.54 2.72 -4.17	40.96 2.97 -4.26	42.91 3.06 -5.11	45.35 3.13 -6.71	44.87 3.40 -4.14	45.50 4.00 -3.08	45.47 4.29 -1.82	46.03 4.46 -1.38	58.49 5.64 -3.32	60.56 5.92 -3.63	52.55 5.79 0.36	46.82 4.82 1.04	45.98 4.35 -1.38	41.47 3.52 -3.04	38.11 3.42 -2.77	33.44 2.94 -2.22
BAYONEEC___CTG5 323686	30.04 2.38 0.00	26.50 1.80 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.06 1.75 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.54 2.72 -4.17	40.96 2.97 -4.26	42.91 3.06 -5.11	45.35 3.13 -6.71	44.87 3.40 -4.14	45.50 4.00 -3.08	45.47 4.29 -1.82	46.03 4.46 -1.38	58.49 5.64 -3.32	60.56 5.92 -3.63	52.55 5.79 0.36	46.82 4.82 1.04	45.98 4.35 -1.38	41.47 3.52 -3.04	38.11 3.42 -2.77	33.44 2.94 -2.22
BAYONEEC___CTG6 323687	30.04 2.38 0.00	26.50 1.80 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.06 1.75 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.54 2.72 -4.17	40.96 2.97 -4.26	42.91 3.06 -5.11	45.35 3.13 -6.71	44.87 3.40 -4.14	45.50 4.00 -3.08	45.47 4.29 -1.82	46.03 4.46 -1.38	58.49 5.64 -3.32	60.56 5.92 -3.63	52.55 5.79 0.36	46.82 4.82 1.04	45.98 4.35 -1.38	41.47 3.52 -3.04	38.11 3.42 -2.77	33.44 2.94 -2.22

BAYONEEC___CTG7 323688	30.04 2.38 0.00	26.50 1.80 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.06 1.75 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.54 2.72 -4.17	40.96 2.97 -4.26	42.91 3.06 -5.11	45.35 3.13 -6.71	44.87 3.40 -4.14	45.50 4.00 -3.08	45.47 4.29 -1.82	46.03 4.46 -1.38	58.49 5.64 -3.32	60.56 5.92 -3.63	52.55 5.79 0.36	46.82 4.82 1.04	45.98 4.35 -1.38	41.47 3.52 -3.04	38.11 3.42 -2.77	33.44 2.94 -2.22
BAYONEEC___CTG8 323689	30.04 2.38 0.00	26.50 1.80 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.06 1.75 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.54 2.72 -4.17	40.96 2.97 -4.26	42.91 3.06 -5.11	45.35 3.13 -6.71	44.87 3.40 -4.14	45.50 4.00 -3.08	45.47 4.29 -1.82	46.03 4.46 -1.38	58.49 5.64 -3.32	60.56 5.92 -3.63	52.55 5.79 0.36	46.82 4.82 1.04	45.98 4.35 -1.38	41.47 3.52 -3.04	38.11 3.42 -2.77	33.44 2.94 -2.22
BAYONEEC___CTG9 323749	30.04 2.38 0.00	26.50 1.80 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.06 1.75 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.54 2.72 -4.17	40.96 2.97 -4.26	42.91 3.06 -5.11	45.35 3.13 -6.71	44.87 3.40 -4.14	45.50 4.00 -3.08	45.47 4.29 -1.82	46.03 4.46 -1.38	58.49 5.64 -3.32	60.56 5.92 -3.63	52.55 5.79 0.36	46.82 4.82 1.04	45.98 4.35 -1.38	41.47 3.52 -3.04	38.11 3.42 -2.77	33.44 2.94 -2.22
BEACON___LESR 323632	28.73 1.08 0.00	25.73 1.04 0.00	25.16 1.04 0.00	25.31 1.02 0.00	25.36 1.04 0.00	26.09 1.00 0.00	30.28 1.05 0.00	32.56 0.79 0.00	34.05 0.84 0.45	34.24 0.94 0.43	34.96 0.97 0.75	35.82 0.99 0.69	37.80 1.16 0.70	39.10 1.31 0.63	40.21 1.41 0.55	41.27 1.65 0.56	50.50 2.08 1.12	52.70 2.35 0.67	49.62 2.50 0.00	45.45 2.41 0.00	42.34 2.09 0.00	36.44 1.53 0.00	33.13 1.21 0.00	29.25 0.96 0.00
BEAVER RIVER___HYD 24048	27.80 0.14 0.00	24.77 0.07 0.00	24.12 0.00 0.00	24.29 0.00 0.00	24.36 0.05 0.00	25.27 0.18 0.00	29.67 0.44 0.00	32.46 0.70 0.00	34.26 0.61 0.00	34.13 0.41 0.00	35.26 0.52 0.00	35.91 0.39 0.00	37.60 0.26 0.00	38.69 0.27 0.00	39.51 0.16 0.00	40.27 0.08 0.00	46.87 -0.25 2.42	47.98 -0.30 2.73	46.19 -0.05 0.88	43.34 0.30 0.00	40.77 0.52 0.00	35.39 0.49 0.00	32.33 0.41 0.00	28.46 0.17 0.00
BEEBEE_GT_13 23619	27.63 0.66 0.69	25.32 0.67 0.04	24.42 0.46 0.16	24.52 0.41 0.19	24.20 0.29 0.40	25.40 0.60 0.29	28.61 0.47 1.09	30.89 0.64 1.51	32.83 0.74 1.57	32.43 0.51 1.80	33.92 0.76 1.58	34.62 0.78 1.67	35.90 0.60 2.04	37.03 0.73 2.12	37.48 0.59 2.47	37.23 0.36 3.32	44.61 0.35 5.27	46.91 0.26 4.37	47.22 0.09 0.00	43.04 0.00 0.00	40.33 0.08 0.00	34.94 0.03 0.00	32.21 0.29 0.00	28.85 0.57 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.49 2.82 -0.01	26.90 2.20 -0.01	26.37 2.24 -0.01	26.46 2.16 -0.01	26.46 2.14 -0.01	27.27 2.18 0.00	32.20 2.75 -0.22	36.01 2.89 -1.36	40.92 3.10 -4.17	41.33 3.34 -4.27	43.33 3.47 -5.12	45.78 3.55 -6.71	48.13 3.73 -7.06	50.29 4.19 -7.68	51.59 4.60 -7.63	52.85 4.74 -7.92	71.55 6.04 -15.97	73.69 6.43 -16.24	65.63 6.22 -12.29	55.86 5.34 -7.49	51.21 4.75 -6.21	42.00 4.05 -3.05	42.22 3.86 -6.44	33.85 3.34 -2.23
BETHLEHEM___GRP 23843	28.27 0.61 0.00	25.31 0.62 0.00	24.77 0.65 0.00	24.95 0.66 0.00	24.99 0.68 0.00	25.67 0.58 0.00	29.75 0.53 0.00	31.95 0.19 0.00	33.43 0.20 0.42	33.66 0.34 0.40	34.35 0.31 0.70	35.15 0.28 0.65	37.09 0.41 0.66	38.36 0.54 0.59	39.58 0.75 0.52	40.54 0.88 0.53	49.62 1.14 1.05	51.61 1.22 0.63	48.53 1.41 0.00	44.46 1.42 0.00	41.42 1.17 0.00	35.64 0.73 0.00	32.49 0.57 0.00	28.74 0.45 0.00
BETHLEHEM___GS1 323560	28.26 0.61 0.00	25.31 0.62 0.00	24.77 0.65 0.00	24.95 0.66 0.00	24.99 0.68 0.00	25.64 0.55 0.00	29.76 0.53 0.00	31.95 0.19 0.00	33.40 0.17 0.42	33.63 0.30 0.40	34.35 0.31 0.70	35.19 0.32 0.65	37.13 0.45 0.66	38.44 0.61 0.59	39.58 0.75 0.52	40.54 0.88 0.53	49.62 1.14 1.05	51.61 1.22 0.63	48.53 1.41 0.00	44.46 1.42 0.00	41.46 1.21 0.00	35.67 0.77 0.00	32.50 0.58 0.00	28.74 0.45 0.00
BETHLEHEM___GS2 323561	28.26 0.61 0.00	25.31 0.62 0.00	24.77 0.65 0.00	24.95 0.66 0.00	24.99 0.68 0.00	25.64 0.55 0.00	29.76 0.53 0.00	31.95 0.19 0.00	33.40 0.17 0.42	33.63 0.30 0.40	34.35 0.31 0.70	35.19 0.32 0.65	37.13 0.45 0.66	38.44 0.61 0.59	39.58 0.75 0.52	40.54 0.88 0.53	49.62 1.14 1.05	51.61 1.22 0.63	48.53 1.41 0.00	44.46 1.42 0.00	41.46 1.21 0.00	35.67 0.77 0.00	32.50 0.58 0.00	28.74 0.45 0.00
BETHLEHEM___GS3 323562	28.26 0.61 0.00	25.31 0.62 0.00	24.77 0.65 0.00	24.95 0.66 0.00	24.99 0.68 0.00	25.64 0.55 0.00	29.76 0.53 0.00	31.95 0.19 0.00	33.40 0.17 0.42	33.63 0.30 0.40	34.35 0.31 0.70	35.19 0.32 0.65	37.13 0.45 0.66	38.44 0.61 0.59	39.58 0.75 0.52	40.54 0.88 0.53	49.62 1.14 1.05	51.61 1.22 0.63	48.53 1.41 0.00	44.46 1.42 0.00	41.46 1.21 0.00	35.67 0.77 0.00	32.50 0.58 0.00	28.74 0.45 0.00
BETHLEHEM___STEEL 23779	27.56 0.50 0.59	25.25 0.59 0.03	24.44 0.46 0.14	24.59 0.46 0.16	24.21 0.24 0.34	25.54 0.70 0.25	28.76 0.47 0.93	30.88 0.41 1.29	32.99 0.67 1.34	32.49 0.30 1.54	34.18 0.80 1.35	34.90 0.82 1.43	36.11 0.52 1.75	37.37 0.77 1.82	37.83 0.59 2.11	37.59 0.24 2.84	45.12 0.10 4.52	47.43 0.15 3.74	47.88 0.75 -0.01	43.64 0.60 0.00	40.69 0.44 0.00	35.11 0.21 0.00	32.59 0.67 0.00	29.50 1.22 0.00
BETHLHEM_115KV_TB1 79974	28.29 0.64 0.00	25.34 0.64 0.00	24.82 0.70 0.00	24.97 0.68 0.00	25.02 0.71 0.00	25.69 0.60 0.00	29.81 0.58 0.00	32.05 0.29 0.00	33.56 0.30 0.40	33.78 0.44 0.38	34.49 0.42 0.66	35.29 0.39 0.61	37.24 0.52 0.62	38.51 0.65 0.56	39.73 0.87 0.49	40.65 0.96 0.50	49.83 1.29 0.99	51.80 1.38 0.59	48.68 1.55 0.00	44.55 1.51 0.00	41.54 1.29 0.00	35.74 0.84 0.00	32.62 0.70 0.00	28.82 0.54 0.00
BETHPAGE_CC_5 323564	30.09 2.43 0.00	26.52 1.83 0.00	25.98 1.86 0.00	26.04 1.75 0.00	25.99 1.68 0.00	26.97 1.88 0.00	31.72 2.28 -0.21	35.29 2.19 -1.34	38.30 1.72 -2.93	39.90 1.96 -4.22	39.54 2.15 -2.64	40.51 2.34 -2.65	41.72 2.65 -1.73	48.53 3.26 -6.85	50.79 3.86 -7.57	52.31 4.26 -7.86	69.93 4.55 -15.85	71.92 4.79 -16.10	66.92 5.79 -14.00	54.50 4.04 -7.42	49.85 3.46 -6.14	47.52 3.66 -8.95	37.04 2.55 -2.57	33.68 3.20 -2.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.49 0.41 0.59	25.21 0.54 0.03	24.37 0.39 0.14	24.52 0.39 0.16	24.17 0.19 0.34	25.47 0.63 0.25	28.71 0.41 0.92	30.87 0.38 1.28	33.00 0.67 1.33	32.47 0.27 1.52	34.16 0.76 1.34	34.88 0.78 1.42	36.09 0.49 1.73	37.35 0.73 1.80	37.85 0.59 2.09	37.58 0.20 2.82	45.16 0.10 4.47	47.47 0.15 3.70	48.07 0.94 -0.01	43.82 0.77 0.00	40.81 0.56 0.00	35.22 0.31 0.00	32.69 0.77 0.00	29.56 1.27 0.00

BINGHAMTON___COGEN 23790	28.19 0.69 0.16	25.30 0.62 0.01	24.66 0.58 0.04	24.80 0.56 0.04	24.75 0.53 0.09	25.65 0.63 0.07	29.76 0.79 0.26	32.26 0.86 0.36	34.39 0.98 0.24	34.34 0.91 0.30	35.63 1.04 0.15	36.45 1.10 0.16	38.14 1.08 0.28	39.41 1.31 0.31	40.27 1.34 0.42	40.86 1.29 0.62	50.25 1.63 0.92	51.87 1.68 0.83	49.11 1.98 -0.01	44.81 1.76 0.00	41.74 1.49 0.00	35.99 1.08 0.00	33.04 1.12 0.00	29.30 1.02 0.00
BIXINCNT_115KV_LOAD 355685	27.24 0.14 0.56	24.96 0.30 0.03	24.09 0.10 0.13	24.26 0.12 0.15	23.94 -0.05 0.32	25.25 0.40 0.24	28.73 0.38 0.88	31.28 0.73 1.21	33.40 1.01 1.26	32.85 0.57 1.45	34.58 1.11 1.27	35.09 0.92 1.35	36.33 0.63 1.64	37.59 0.88 1.71	38.11 0.75 1.99	37.88 0.36 2.68	45.48 0.20 4.25	47.70 0.20 3.52	48.78 1.65 -0.01	44.50 1.46 0.00	41.34 1.09 0.00	35.64 0.73 0.00	32.97 1.05 0.00	29.84 1.56 0.00
BLACK RIVER___HYD 24047	28.07 0.30 -0.11	24.90 0.20 -0.01	24.27 0.12 -0.03	24.44 0.12 -0.03	24.55 0.17 -0.06	25.46 0.33 -0.05	30.05 0.64 -0.18	32.89 0.89 -0.24	34.61 0.71 -0.25	34.55 0.54 -0.29	35.62 0.63 -0.25	36.28 0.50 -0.27	38.00 0.34 -0.33	39.14 0.38 -0.34	40.03 0.28 -0.40	40.97 0.24 -0.54	48.61 -0.10 0.82	49.89 0.05 1.18	46.94 0.42 0.61	43.85 0.82 0.00	41.18 0.93 0.00	35.67 0.77 0.00	32.59 0.67 0.00	28.68 0.40 0.00
BLACKRVR_115KV_TB2 79977	28.07 0.30 -0.11	24.90 0.20 -0.01	24.27 0.12 -0.03	24.44 0.12 -0.03	24.55 0.17 -0.06	25.46 0.33 -0.05	30.05 0.64 -0.18	32.90 0.89 -0.24	34.58 0.67 -0.25	34.52 0.51 -0.29	35.62 0.63 -0.25	36.35 0.57 -0.27	38.04 0.37 -0.33	39.11 0.35 -0.34	40.03 0.28 -0.40	40.97 0.24 -0.54	48.61 -0.10 0.82	49.89 0.05 1.18	46.89 0.38 0.61	43.81 0.77 0.00	41.17 0.93 0.00	35.64 0.73 0.00	32.59 0.67 0.00	28.68 0.40 0.00
BLISS_WT_PWR 323608	27.16 0.06 0.56	24.89 0.22 0.03	23.99 0.00 0.13	24.21 0.07 0.15	23.89 -0.10 0.32	25.20 0.35 0.24	28.67 0.32 0.88	31.31 0.76 1.21	33.50 1.11 1.26	32.95 0.67 1.45	34.54 1.08 1.27	35.09 0.92 1.35	36.22 0.52 1.64	37.94 1.23 1.71	38.11 0.75 1.99	37.83 0.32 2.68	45.43 0.15 4.25	47.65 0.15 3.52	48.78 1.65 -0.01	44.55 1.51 0.00	41.29 1.04 0.00	35.43 0.52 0.00	32.91 0.99 0.00	29.78 1.50 0.00
BLUESTONE___WT_PWR 323821	29.59 2.08 0.14	26.47 1.78 0.01	25.78 1.69 0.03	25.95 1.70 0.04	25.96 1.73 0.08	26.93 1.91 0.06	31.52 2.51 0.22	34.32 2.86 0.31	36.53 3.06 0.18	36.39 2.90 0.24	37.56 2.92 0.10	38.50 3.09 0.10	40.16 3.02 0.20	41.60 3.42 0.24	42.44 3.42 0.34	43.10 3.41 0.51	53.16 4.36 0.74	55.02 4.69 0.69	51.85 4.71 -0.01	47.52 4.48 0.00	44.27 4.02 0.00	38.11 3.21 0.00	34.95 3.03 0.00	30.86 2.57 0.00
BLUE_CIRC_CHEM_DRP 24182	28.54 0.89 0.00	25.56 0.86 0.00	25.01 0.89 0.00	25.19 0.90 0.00	25.23 0.92 0.00	25.92 0.83 0.00	30.05 0.82 0.00	32.37 0.60 0.00	33.97 0.57 0.25	34.13 0.64 0.24	34.87 0.56 0.42	35.63 0.50 0.38	37.58 0.63 0.39	38.80 0.73 0.35	39.95 0.91 0.31	40.92 1.04 0.32	50.34 1.44 0.63	52.28 1.63 0.38	48.96 1.84 -0.01	44.89 1.85 0.00	41.90 1.65 0.00	36.09 1.19 0.00	32.91 0.99 0.00	29.10 0.82 0.00
BOC_GAS_DRP 24189	28.38 0.72 0.00	25.36 0.67 0.00	24.84 0.72 0.00	25.02 0.73 0.00	25.06 0.75 0.00	25.74 0.65 0.00	29.90 0.67 0.00	32.33 0.57 0.00	34.00 0.61 0.26	34.18 0.71 0.25	35.00 0.69 0.44	35.78 0.67 0.41	37.75 0.82 0.41	39.05 1.00 0.37	40.25 1.22 0.32	41.15 1.29 0.33	50.52 1.63 0.65	52.36 1.73 0.39	48.96 1.84 0.00	44.76 1.72 0.00	41.74 1.49 0.00	35.99 1.08 0.00	32.85 0.93 0.00	29.08 0.79 0.00
BOONVILLE_115KV_TB1 79983	28.29 0.64 0.00	25.21 0.52 0.00	24.60 0.48 0.00	24.75 0.46 0.00	24.82 0.51 0.00	25.69 0.60 0.00	30.08 0.85 0.00	32.84 1.08 0.00	34.80 1.14 0.00	34.74 1.01 0.00	35.85 1.11 0.00	36.58 1.07 0.00	38.38 1.05 0.00	39.53 1.11 0.00	40.45 1.10 0.00	41.27 1.09 0.00	50.16 1.24 0.61	51.66 1.33 0.69	48.22 1.32 0.22	44.42 1.38 0.00	41.58 1.33 0.00	35.99 1.08 0.00	32.88 0.96 0.00	28.99 0.71 0.00
BORALEX_4TH_BRANCH 23824	28.82 1.16 0.00	25.71 1.01 0.00	25.16 1.04 0.00	25.33 1.04 0.00	25.43 1.12 0.00	26.17 1.08 0.00	30.40 1.17 0.00	32.87 1.11 0.00	33.68 1.11 1.08	33.95 1.25 1.03	34.19 1.25 1.79	35.20 1.31 1.63	37.12 1.46 1.68	38.60 1.69 1.51	40.00 1.97 1.33	40.93 2.09 1.35	49.53 2.67 2.68	52.27 2.86 1.61	50.25 3.11 -0.02	46.23 3.19 0.00	43.07 2.82 0.00	36.93 2.02 0.00	33.58 1.66 0.00	29.70 1.41 0.00
BOWLINE___1 23526	29.56 1.91 0.00	26.20 1.51 0.00	25.67 1.55 0.00	25.70 1.41 0.00	25.72 1.41 0.00	26.52 1.43 0.00	30.59 1.75 0.39	31.11 1.84 2.49	30.46 1.99 5.18	30.46 2.23 5.49	31.80 2.33 5.27	31.55 2.49 6.45	30.97 2.76 9.13	31.08 3.34 10.68	31.99 3.66 11.02	32.49 3.78 11.48	31.08 4.80 23.26	29.82 5.05 26.25	29.82 4.99 22.30	33.35 4.13 13.82	32.49 3.70 11.46	32.12 2.83 5.61	29.49 2.68 5.11	26.51 2.32 4.09
BOWLINE___2 23595	29.56 1.91 0.00	26.20 1.51 0.00	25.69 1.57 0.00	25.72 1.43 0.00	25.72 1.41 0.00	26.52 1.43 0.00	30.59 1.75 0.39	31.14 1.87 2.50	30.46 1.99 5.18	30.46 2.23 5.49	31.80 2.33 5.27	31.58 2.52 6.45	30.97 2.76 9.13	31.08 3.34 10.68	31.99 3.66 11.02	32.49 3.78 11.48	31.07 4.80 23.27	29.81 5.05 26.26	29.81 4.99 22.30	33.39 4.17 13.83	32.49 3.70 11.46	32.15 2.86 5.62	29.52 2.71 5.11	26.54 2.35 4.10
BRADY___115KV_TB2 356060	27.21 -0.44 0.00	24.35 -0.35 0.00	23.64 -0.48 0.00	23.83 -0.46 0.00	23.87 -0.44 0.00	24.74 -0.35 0.00	28.94 -0.29 0.00	31.64 -0.13 0.00	33.32 -0.34 0.00	33.12 -0.61 0.00	34.04 -0.69 0.00	34.91 -0.60 0.00	36.59 -0.75 0.00	37.57 -0.85 0.00	38.29 -1.06 0.00	39.06 -1.13 0.00	39.62 -1.98 7.93	39.77 -2.30 8.95	42.02 -2.21 2.89	41.14 -1.89 0.01	39.28 -0.97 0.00	34.42 -0.49 0.00	31.31 -0.61 0.00	27.72 -0.57 0.00
BRANSCOMB___SOLAR 323811	28.96 1.30 0.00	25.83 1.14 0.00	25.23 1.11 0.00	25.41 1.12 0.00	25.45 1.14 0.00	26.22 1.13 0.00	30.54 1.32 0.00	32.94 1.18 0.00	34.35 1.25 0.55	34.55 1.35 0.53	35.17 1.35 0.92	36.13 1.46 0.85	38.01 1.53 0.86	39.29 1.65 0.78	40.40 1.73 0.68	41.46 1.97 0.69	50.63 2.48 1.38	53.05 2.86 0.82	50.00 2.87 -0.01	45.97 2.93 0.00	42.79 2.54 0.00	36.79 1.88 0.00	33.55 1.63 0.00	29.64 1.36 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.31 2.66 0.00	26.72 2.03 0.00	26.15 2.03 0.00	26.23 1.94 0.00	26.16 1.85 0.00	27.20 2.11 0.00	31.98 2.78 0.03	35.49 2.80 -0.93	38.15 2.12 -2.37	39.81 2.39 -3.69	39.30 2.47 -2.09	39.35 1.99 -1.84	39.93 2.24 -0.35	47.70 2.65 -6.63	49.76 2.83 -7.57	51.82 3.78 -7.85	69.94 4.56 -15.85	72.17 5.05 -16.10	65.59 5.51 -12.95	55.19 4.73 -7.42	49.73 3.34 -6.14	44.14 3.70 -5.54	36.69 2.23 -2.53	34.13 3.65 -2.20

BRISTLHL_115KV_TB1 79998	28.01 -0.11 -0.47	24.60 -0.12 -0.03	24.09 -0.14 -0.11	24.27 -0.15 -0.13	24.41 -0.17 -0.27	25.16 -0.13 -0.20	29.88 -0.09 -0.74	32.75 -0.03 -1.02	34.68 -0.03 -1.06	34.84 -0.10 -1.21	35.74 -0.07 -1.07	36.61 -0.04 -1.13	38.60 -0.11 -1.38	39.77 -0.08 -1.43	40.86 -0.16 -1.67	42.23 -0.20 -2.24	52.85 -0.25 -3.56	53.77 -0.20 -2.95	47.07 -0.05 0.00	43.00 -0.04 0.00	40.13 -0.12 0.00	34.69 -0.21 0.00	31.86 -0.06 0.00	28.23 -0.06 0.00
BROOKHAVEN___DRP 24191	29.65 1.99 0.00	26.13 1.43 0.00	25.57 1.45 0.00	25.65 1.36 0.00	25.55 1.24 0.00	26.57 1.48 0.00	28.92 1.87 2.18	30.82 1.81 2.75	34.04 1.14 0.76	28.21 1.42 6.93	37.59 1.46 -1.40	38.72 1.49 -1.71	39.18 1.72 -0.13	47.02 2.11 -6.49	49.52 2.60 -7.57	51.18 3.13 -7.85	69.20 3.81 -15.85	71.36 4.23 -16.10	65.36 5.47 -12.78	54.93 4.48 -7.42	49.33 2.94 -6.14	43.23 3.35 -4.97	36.43 1.98 -2.53	33.51 3.03 -2.20
BROOKLYN_NAVY_YARD 23515	30.01 2.35 0.00	26.48 1.78 0.00	25.98 1.86 0.00	26.04 1.75 0.00	26.04 1.73 0.00	26.87 1.78 0.00	31.78 2.34 -0.21	35.62 2.51 -1.35	40.48 2.66 -4.17	40.89 2.90 -4.26	42.87 3.02 -5.11	45.35 3.13 -6.71	47.79 3.40 -7.06	50.10 4.00 -7.69	51.32 4.33 -7.64	52.57 4.46 -7.92	71.21 5.69 -15.98	73.28 6.02 -16.24	65.26 5.84 -12.29	55.43 4.90 -7.49	50.85 4.39 -6.21	41.44 3.49 -3.04	38.14 3.45 -2.77	33.44 2.94 -2.22
BROOKLYN___ARMY_DRP 323595	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
BROOKVLE_69_KV_TB1 55790	30.20 2.54 0.00	26.67 1.98 0.00	26.12 2.00 0.00	26.21 1.92 0.00	26.16 1.85 0.00	27.10 2.01 0.00	31.86 2.43 -0.21	35.64 2.54 -1.34	39.55 2.39 -3.50	40.65 2.70 -4.22	41.47 2.85 -3.89	43.28 3.05 -4.71	45.52 3.32 -4.86	49.57 3.84 -7.31	51.33 4.41 -7.57	52.76 4.70 -7.87	71.13 5.75 -15.85	73.24 6.12 -16.10	69.27 6.55 -15.60	55.75 5.29 -7.42	50.66 4.27 -6.15	53.08 4.05 -14.13	37.70 3.13 -2.66	33.85 3.37 -2.20
BROOME_2_LFGE 323671	28.19 0.69 0.16	25.30 0.62 0.01	24.66 0.58 0.04	24.81 0.56 0.04	24.75 0.53 0.09	25.65 0.63 0.07	29.76 0.79 0.26	32.26 0.86 0.36	34.39 0.98 0.24	34.37 0.94 0.30	35.63 1.04 0.15	36.45 1.10 0.16	38.15 1.08 0.28	39.53 1.42 0.31	40.27 1.34 0.42	40.86 1.29 0.62	50.25 1.63 0.92	51.92 1.74 0.83	49.11 1.98 -0.01	44.81 1.77 0.00	41.74 1.49 0.00	35.95 1.05 0.00	33.04 1.12 0.00	29.30 1.02 0.00
BROOME___LFGE 323600	28.19 0.69 0.16	25.30 0.62 0.01	24.66 0.58 0.04	24.81 0.56 0.04	24.75 0.53 0.09	25.65 0.63 0.07	29.76 0.79 0.26	32.26 0.86 0.36	34.39 0.98 0.24	34.37 0.94 0.30	35.63 1.04 0.15	36.45 1.10 0.16	38.15 1.08 0.28	39.53 1.42 0.31	40.27 1.34 0.42	40.86 1.29 0.62	50.25 1.63 0.92	51.92 1.74 0.83	49.11 1.98 -0.01	44.81 1.77 0.00	41.74 1.49 0.00	35.95 1.05 0.00	33.04 1.12 0.00	29.30 1.02 0.00
BROWNFLS_115KV_TB_3_5 80003	27.44 -0.22 0.00	24.50 -0.20 0.00	23.81 -0.31 0.00	24.00 -0.29 0.00	24.04 -0.27 0.00	24.94 -0.15 0.00	29.23 0.00 0.00	32.02 0.25 0.00	33.72 0.07 0.00	33.49 -0.24 0.00	34.53 -0.21 0.00	35.34 -0.18 0.00	37.08 -0.26 0.00	38.11 -0.31 0.00	38.88 -0.47 0.00	39.63 -0.56 0.00	43.69 -1.24 4.61	44.24 -1.58 5.20	44.08 -1.37 1.68	42.00 -1.03 0.00	39.81 -0.44 0.00	34.76 -0.14 0.00	31.76 -0.16 0.00	28.03 -0.25 0.00
BROWNSV1_27_KV_LOAD 356125	30.28 2.63 0.00	26.72 2.03 0.00	26.20 2.07 0.00	26.28 1.99 0.00	26.26 1.94 0.00	27.12 2.03 0.00	32.07 2.63 -0.21	35.94 2.83 -1.35	40.92 3.10 -4.17	41.33 3.34 -4.26	43.29 3.44 -5.11	45.71 3.48 -6.71	48.20 3.81 -7.06	50.41 4.30 -7.69	51.79 4.80 -7.64	53.05 4.94 -7.92	71.80 6.29 -15.98	73.90 6.63 -16.24	65.87 6.46 -12.29	56.08 5.55 -7.49	51.33 4.87 -6.21	41.86 3.91 -3.04	38.46 3.77 -2.77	33.76 3.25 -2.22
BURROWS___LYONSDAL 23803	28.18 0.53 0.00	25.09 0.40 0.00	24.48 0.36 0.00	24.65 0.36 0.00	24.70 0.39 0.00	25.59 0.50 0.00	29.99 0.76 0.00	32.75 0.98 0.00	34.66 1.01 0.00	34.60 0.88 0.00	35.75 1.01 0.00	36.44 0.92 0.00	38.20 0.86 0.00	39.34 0.92 0.00	40.26 0.91 0.00	41.03 0.84 0.00	49.46 0.89 0.97	50.85 0.92 1.09	47.81 1.04 0.35	44.20 1.16 0.00	41.42 1.17 0.00	35.85 0.94 0.00	32.75 0.83 0.00	28.85 0.57 0.00
CAITHNESS_CC_1 323624	29.65 1.99 0.00	26.13 1.43 0.00	25.57 1.45 0.00	25.65 1.36 0.00	25.55 1.24 0.00	26.57 1.48 0.00	28.92 1.87 2.18	30.79 1.78 2.75	34.00 1.11 0.76	28.14 1.35 6.93	37.59 1.46 -1.40	38.93 1.70 -1.71	39.51 2.05 -0.12	47.44 2.54 -6.49	49.96 3.03 -7.57	51.74 3.70 -7.85	69.05 3.67 -15.85	71.15 4.03 -16.10	65.12 5.23 -12.77	54.16 3.70 -7.42	49.77 3.38 -6.14	43.11 3.25 -4.96	36.49 2.04 -2.53	33.37 2.89 -2.20
CALPINE BETH_PAGE_GT4 24209	30.15 2.49 0.00	26.57 1.88 0.00	26.03 1.91 0.00	26.11 1.82 0.00	26.04 1.73 0.00	27.02 1.93 0.00	31.75 2.31 -0.21	35.42 2.32 -1.34	38.54 1.85 -3.03	40.07 2.12 -4.22	39.85 2.22 -2.89	40.95 2.38 -3.05	42.45 2.69 -2.42	48.37 3.00 -6.95	50.43 3.50 -7.57	51.99 3.94 -7.86	70.19 4.80 -15.85	72.33 5.20 -16.10	67.64 5.98 -14.53	55.15 4.69 -7.42	49.90 3.50 -6.14	49.41 3.84 -10.67	37.12 2.62 -2.58	33.88 3.39 -2.20
CALPINE_BETH_PAGE_GT_4 323586	30.15 2.49 0.00	26.57 1.88 0.00	26.03 1.91 0.00	26.11 1.82 0.00	26.04 1.73 0.00	27.02 1.93 0.00	31.75 2.31 -0.21	35.39 2.29 -1.34	38.47 1.78 -3.03	40.00 2.06 -4.22	39.85 2.23 -2.89	40.98 2.42 -3.05	42.49 2.72 -2.42	48.75 3.38 -6.95	50.90 3.97 -7.57	52.35 4.30 -7.86	69.99 4.61 -15.85	72.02 4.90 -16.10	67.49 5.84 -14.53	54.55 4.09 -7.42	49.89 3.50 -6.14	49.31 3.74 -10.67	37.12 2.62 -2.58	33.73 3.25 -2.20
CALPINE_BP_GT1 23823	30.15 2.49 0.00	26.57 1.88 0.00	26.03 1.91 0.00	26.11 1.82 0.00	26.04 1.73 0.00	27.02 1.93 0.00	31.75 2.31 -0.21	35.39 2.29 -1.34	38.47 1.78 -3.03	40.00 2.06 -4.22	39.85 2.23 -2.89	40.98 2.42 -3.05	42.49 2.72 -2.42	48.75 3.38 -6.95	50.90 3.97 -7.57	52.35 4.30 -7.86	69.99 4.61 -15.85	72.02 4.90 -16.10	67.49 5.84 -14.53	54.55 4.09 -7.42	49.89 3.50 -6.14	49.31 3.74 -10.67	37.12 2.62 -2.58	33.73 3.25 -2.20
CALSPAN___DRP 24200	27.56 0.50 0.59	25.25 0.59 0.03	24.44 0.46 0.14	24.59 0.46 0.16	24.21 0.24 0.34	25.54 0.70 0.25	28.76 0.47 0.93	30.88 0.41 1.29	32.99 0.67 1.34	32.49 0.30 1.54	34.18 0.80 1.35	34.90 0.82 1.43	36.11 0.52 1.75	37.37 0.77 1.82	37.83 0.59 2.11	37.59 0.24 2.84	45.12 0.10 4.52	47.43 0.15 3.74	47.88 0.75 -0.01	43.64 0.60 0.00	40.69 0.44 0.00	35.11 0.21 0.00	32.59 0.67 0.00	29.50 1.22 0.00

CALVERTON___SOLAR 323806	29.65 1.99 0.00	26.13 1.43 0.00	25.57 1.45 0.00	25.65 1.36 0.00	25.55 1.24 0.00	26.57 1.48 0.00	28.92 1.87 2.18	30.76 1.75 2.75	33.97 1.08 0.76	28.36 1.35 6.72	37.59 1.46 -1.40	39.00 1.78 -1.71	39.55 2.09 -0.13	47.52 2.61 -6.49	50.08 3.15 -7.57	51.86 3.82 -7.85	69.19 3.81 -15.85	71.35 4.23 -16.10	65.36 5.46 -12.78	54.41 3.96 -7.42	50.02 3.62 -6.14	43.27 3.38 -4.98	36.55 2.11 -2.53	33.42 2.94 -2.20
CANDIGU_WT_PWR 323617	27.65 0.42 0.42	25.12 0.44 0.02	24.41 0.38 0.10	24.59 0.41 0.11	24.39 0.32 0.24	25.56 0.65 0.18	29.27 0.70 0.66	31.64 0.79 0.91	33.84 1.04 0.86	33.50 0.78 1.00	34.90 0.97 0.81	35.76 1.10 0.86	37.03 0.79 1.10	38.49 1.23 1.16	38.91 0.94 1.38	38.97 0.68 1.90	47.35 0.79 2.97	49.47 0.97 2.51	48.73 1.60 -0.01	44.50 1.46 0.00	41.42 1.17 0.00	35.60 0.70 0.00	33.01 1.09 0.00	29.50 1.22 0.00
CARR STREET_E_SYR 24060	27.39 0.06 0.32	24.70 0.02 0.02	24.04 0.00 0.08	24.20 0.00 0.09	24.08 -0.05 0.19	25.00 0.05 0.14	28.81 0.09 0.51	31.22 0.16 0.70	33.16 0.24 0.73	33.09 0.20 0.84	34.14 0.14 0.74	34.77 0.04 0.78	36.39 0.00 0.95	37.59 0.15 0.99	38.24 0.04 1.15	38.60 -0.04 1.55	47.08 0.00 2.46	48.98 0.00 2.04	47.22 0.09 0.00	43.08 0.04 0.00	40.21 -0.04 0.00	34.73 -0.17 0.00	31.95 0.03 0.00	28.43 0.14 0.00
CARTHAGE___PAPER 23857	27.80 0.14 0.00	24.77 0.07 0.00	24.12 0.00 0.00	24.29 0.00 0.00	24.36 0.05 0.00	25.29 0.20 0.00	29.72 0.50 0.00	32.52 0.76 0.00	34.23 0.57 0.00	34.10 0.37 0.00	35.22 0.49 0.00	35.83 0.32 0.00	37.53 0.19 0.00	38.57 0.15 0.00	39.39 0.04 0.00	40.23 0.04 0.00	47.23 -0.34 1.96	48.50 -0.30 2.21	46.45 0.05 0.71	43.51 0.47 0.00	40.89 0.64 0.00	35.46 0.56 0.00	32.37 0.45 0.00	28.48 0.20 0.00
CASSADAGA_WT_PWR 323784	27.78 0.69 0.57	25.50 0.84 0.03	24.88 0.89 0.14	25.18 1.04 0.15	24.96 0.97 0.33	26.40 1.56 0.24	29.97 1.64 0.90	32.49 1.97 1.24	34.85 2.49 1.29	34.27 2.02 1.48	35.90 2.47 1.30	36.69 2.56 1.38	37.82 2.16 1.68	39.55 2.88 1.75	39.80 2.48 2.04	39.54 2.09 2.74	47.66 2.48 4.35	50.07 2.65 3.60	50.38 3.25 -0.01	45.92 2.88 0.00	42.66 2.41 0.00	36.54 1.64 0.00	33.99 2.07 0.00	30.52 2.23 0.00
CE_DUNWOOD___DRP 24194	29.81 2.16 0.00	26.38 1.68 0.00	25.86 1.74 0.00	25.97 1.68 0.00	25.96 1.65 0.00	26.79 1.71 0.00	31.62 2.16 -0.23	35.53 2.29 -1.48	40.59 2.46 -4.48	41.01 2.70 -4.59	43.01 2.81 -5.45	45.57 2.91 -7.14	48.14 3.21 -7.60	50.40 3.69 -8.30	51.78 4.17 -8.26	53.06 4.30 -8.57	72.27 5.45 -17.28	74.40 5.71 -17.66	66.18 5.61 -13.45	56.06 4.82 -8.20	51.23 4.19 -6.80	41.55 3.32 -3.33	38.05 3.10 -3.03	33.43 2.72 -2.43
CE_MILLWOOD___DRP 24193	29.73 2.07 0.00	26.33 1.63 0.00	25.81 1.69 0.00	25.87 1.58 0.00	25.87 1.56 0.00	26.69 1.61 0.00	32.35 2.02 -1.10	40.91 2.13 -7.02	53.85 2.32 -17.87	54.85 2.56 -18.57	57.64 2.61 -20.29	63.82 2.73 -25.57	71.17 3.02 -30.81	76.57 3.50 -34.66	78.37 3.97 -35.04	80.72 4.10 -36.43	128.38 5.20 -73.64	135.26 5.46 -78.78	115.75 5.37 -63.26	86.55 4.61 -38.90	76.52 4.02 -32.25	53.85 3.14 -15.80	49.24 2.94 -14.39	42.38 2.57 -11.52
CE_NYC2_DRP 24202	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.22 1.92 -0.01	26.21 1.90 -0.01	27.02 1.93 0.00	31.96 2.51 -0.22	35.79 2.67 -1.36	40.72 2.89 -4.17	41.17 3.17 -4.27	43.09 3.23 -5.12	45.49 3.27 -6.71	47.90 3.51 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.57 4.46 -7.92	71.10 5.60 -15.97	73.18 5.92 -16.24	65.16 5.75 -12.29	55.43 4.91 -7.49	50.84 4.39 -6.21	41.69 3.73 -3.05	41.93 3.58 -6.44	33.62 3.11 -2.23
CE_NYC_DRP 24195	30.09 2.43 0.00	26.55 1.85 0.00	26.05 1.93 0.00	26.14 1.85 0.00	26.11 1.80 0.00	26.97 1.88 0.00	31.87 2.43 -0.21	35.72 2.60 -1.35	40.65 2.83 -4.17	41.09 3.10 -4.26	43.01 3.16 -5.11	45.46 3.23 -6.71	47.94 3.55 -7.06	50.14 4.03 -7.69	51.48 4.49 -7.64	52.73 4.62 -7.92	71.36 5.85 -15.98	73.44 6.17 -16.24	65.45 6.03 -12.30	55.65 5.12 -7.49	50.93 4.47 -6.21	41.54 3.60 -3.04	38.17 3.48 -2.77	33.53 3.03 -2.22
CHAFFEE___LFGE 323603	27.61 0.52 0.57	25.28 0.62 0.03	24.44 0.46 0.14	24.60 0.46 0.15	24.25 0.27 0.33	25.57 0.73 0.24	28.82 0.50 0.91	31.02 0.51 1.25	33.19 0.84 1.30	32.70 0.47 1.49	34.22 0.80 1.31	35.05 0.92 1.39	36.16 0.52 1.70	37.73 1.07 1.76	38.01 0.71 2.05	37.75 0.32 2.76	45.45 0.30 4.38	47.70 0.31 3.63	48.21 1.08 -0.01	43.95 0.91 0.00	40.89 0.64 0.00	35.11 0.21 0.00	32.72 0.80 0.00	29.53 1.24 0.00
CHATEAUG_35_KV_LOAD 355732	26.52 -1.13 0.00	23.76 -0.94 0.00	22.96 -1.16 0.00	23.20 -1.09 0.00	23.24 -1.07 0.00	24.19 -0.90 0.00	28.38 -0.85 0.00	31.19 -0.57 0.00	32.91 -0.74 0.00	32.68 -1.05 0.00	33.49 -1.25 0.00	34.20 -1.31 0.00	35.69 -1.64 0.00	36.69 -1.73 0.00	37.46 -1.89 0.00	38.26 -1.93 0.00	38.78 -2.28 8.47	39.21 -2.24 9.56	41.87 -2.17 3.08	41.14 -1.89 0.01	38.72 -1.53 0.00	33.61 -1.29 0.00	30.36 -1.56 0.00	26.93 -1.36 0.00
CHATEAUG_WT_PWR 323614	26.28 -1.38 0.00	23.61 -1.09 0.00	22.67 -1.45 0.00	22.93 -1.36 0.00	22.97 -1.34 0.00	24.08 -1.00 0.00	28.35 -0.88 0.00	31.38 -0.38 0.00	33.05 -0.60 0.00	32.71 -1.01 0.00	33.42 -1.32 0.00	34.13 -1.39 0.00	35.25 -2.09 0.00	36.27 -2.15 0.00	37.11 -2.24 0.00	37.94 -2.25 0.00	38.36 -2.58 8.60	38.97 -2.35 9.70	41.78 -2.21 3.13	41.27 -1.77 0.01	38.80 -1.45 0.00	33.51 -1.40 0.00	30.01 -1.91 0.00	26.70 -1.58 0.00
CHAT_HIGH_FALL_HYD 323578	26.52 -1.13 0.00	23.76 -0.94 0.00	22.96 -1.16 0.00	23.20 -1.09 0.00	23.24 -1.07 0.00	24.19 -0.90 0.00	28.38 -0.85 0.00	31.19 -0.57 0.00	32.91 -0.74 0.00	32.68 -1.05 0.00	33.49 -1.25 0.00	34.20 -1.31 0.00	35.69 -1.64 0.00	36.69 -1.73 0.00	37.46 -1.89 0.00	38.26 -1.93 0.00	38.78 -2.28 8.47	39.21 -2.24 9.56	41.87 -2.17 3.08	41.14 -1.89 0.01	38.72 -1.53 0.00	33.61 -1.29 0.00	30.36 -1.56 0.00	26.93 -1.36 0.00
CHAUTAUQUA___LFGE 323629	27.83 0.75 0.58	25.53 0.86 0.03	24.80 0.82 0.14	25.01 0.87 0.15	24.73 0.75 0.33	26.10 1.25 0.25	29.54 1.23 0.91	31.87 1.36 1.26	34.13 1.78 1.31	33.60 1.38 1.50	35.19 1.77 1.32	36.00 1.88 1.40	37.16 1.53 1.71	38.83 2.19 1.77	39.14 1.85 2.07	38.86 1.44 2.78	46.81 1.69 4.41	49.20 1.83 3.66	49.48 2.36 -0.01	45.15 2.11 0.00	41.94 1.69 0.00	35.99 1.08 0.00	33.48 1.56 0.00	30.10 1.81 0.00
CHERRYST_13_KV_LD 356241	30.20 2.54 0.00	26.65 1.95 0.00	26.12 2.00 0.00	26.21 1.92 0.00	26.21 1.90 0.00	27.05 1.96 0.00	31.98 2.54 -0.21	35.85 2.73 -1.35	40.82 3.00 -4.17	41.26 3.27 -4.26	43.18 3.33 -5.11	45.64 3.41 -6.71	48.13 3.73 -7.06	50.33 4.23 -7.69	51.71 4.72 -7.64	52.97 4.86 -7.92	71.65 6.14 -15.98	73.74 6.48 -16.24	65.68 6.27 -12.30	55.87 5.34 -7.49	51.13 4.67 -6.21	41.68 3.73 -3.04	38.33 3.64 -2.77	33.61 3.11 -2.22

CHESTROR_138KV_BK263 355645	29.48 1.83 0.00	26.13 1.43 0.00	25.62 1.50 0.00	25.67 1.38 0.00	25.67 1.36 0.00	26.47 1.38 0.00	30.64 1.70 0.28	31.74 1.78 1.80	32.05 1.95 3.55	32.10 2.16 3.78	33.46 2.22 3.50	33.63 2.34 4.23	33.65 2.61 6.30	34.01 3.04 7.44	35.10 3.46 7.72	35.71 3.58 8.05	37.71 4.51 16.33	37.05 4.69 18.67	35.78 4.71 16.06	37.12 4.05 9.97	35.49 3.50 8.26	33.54 2.69 4.05	30.76 2.52 3.69	27.51 2.18 2.95
CH_MIDHUDSON___DRP 24192	29.57 1.91 0.00	26.20 1.51 0.00	25.71 1.59 0.00	25.82 1.53 0.00	25.79 1.48 0.00	26.62 1.53 0.00	31.04 1.81 0.00	33.70 1.94 0.00	36.51 2.12 -0.74	36.79 2.36 -0.70	38.39 2.43 -1.23	39.53 2.56 -1.45	41.32 2.84 -1.15	42.72 3.27 -1.03	44.00 3.74 -0.91	44.97 3.86 -0.92	56.32 4.95 -1.83	57.27 5.15 -1.10	52.39 5.14 -0.14	47.52 4.48 0.00	44.15 3.90 0.00	37.87 2.97 0.00	34.67 2.75 0.00	30.66 2.38 0.00
CH_MISC_IPPS 23765	29.76 2.10 0.00	26.35 1.65 0.00	25.83 1.71 0.00	25.92 1.63 0.00	25.91 1.60 0.00	26.74 1.66 0.00	31.19 1.96 0.00	33.83 2.06 0.00	36.71 2.29 -0.77	36.95 2.50 -0.73	38.69 2.68 -1.28	39.84 2.84 -1.48	41.70 3.17 -1.19	43.22 3.73 -1.08	44.35 4.05 -0.94	45.33 4.18 -0.96	56.79 5.35 -1.91	57.77 5.61 -1.14	52.76 5.51 -0.13	47.78 4.73 0.00	44.47 4.23 0.00	38.08 3.18 0.00	34.85 2.93 0.00	30.80 2.52 0.00
CH_RES_BVR_FALLS 23983	26.88 -0.77 0.00	24.00 -0.69 0.00	23.40 -0.72 0.00	23.56 -0.73 0.00	23.63 -0.68 0.00	24.46 -0.63 0.00	28.56 -0.67 0.00	31.16 -0.60 0.00	32.98 -0.67 0.00	33.01 -0.71 0.00	34.01 -0.73 0.00	34.73 -0.78 0.00	36.48 -0.86 0.00	37.34 -1.08 0.00	38.21 -1.14 0.00	39.02 -1.17 0.00	34.59 -1.48 13.46	34.30 -1.53 15.19	40.85 -1.37 4.90	41.78 -1.25 0.01	39.20 -1.05 0.00	34.07 -0.84 0.00	31.06 -0.86 0.00	27.52 -0.76 0.00
CH_RES_NIAGARA 23895	27.11 0.08 0.63	24.91 0.25 0.04	24.12 0.14 0.15	24.24 0.12 0.17	23.85 -0.10 0.36	25.10 0.28 0.27	27.91 -0.32 1.00	29.75 -0.64 1.38	31.75 -0.47 1.43	31.21 -0.88 1.64	32.91 -0.38 1.45	33.59 -0.39 1.53	34.65 -0.82 1.86	35.83 -0.65 1.94	36.19 -0.91 2.26	35.79 -1.37 3.04	42.83 -1.88 4.82	45.19 -1.84 3.99	45.43 -1.70 -0.01	41.41 -1.64 0.00	38.72 -1.53 0.00	33.47 -1.43 0.00	31.19 -0.73 0.00	28.43 0.14 0.00
CH_RES_SYRACUSE 23985	27.85 0.19 0.00	24.85 0.15 0.00	24.24 0.12 0.00	24.39 0.10 0.00	24.38 0.07 0.00	25.24 0.15 0.00	29.49 0.26 0.00	32.08 0.32 0.00	34.06 0.41 0.00	34.10 0.37 0.00	35.12 0.38 0.00	35.91 0.39 0.00	37.67 0.34 0.00	38.92 0.50 0.00	39.75 0.39 0.00	40.51 0.32 0.00	49.98 0.44 0.00	51.53 0.51 0.00	47.69 0.57 0.00	43.56 0.52 0.00	40.65 0.40 0.00	35.11 0.21 0.00	32.24 0.32 0.00	28.57 0.28 0.00
CLINTON_WT_PWR 323605	26.28 -1.38 0.00	23.61 -1.09 0.00	22.67 -1.45 0.00	22.93 -1.36 0.00	22.97 -1.34 0.00	24.08 -1.00 0.00	28.35 -0.88 0.00	31.38 -0.38 0.00	33.05 -0.60 0.00	32.71 -1.01 0.00	33.42 -1.32 0.00	34.13 -1.39 0.00	35.25 -2.09 0.00	36.27 -2.15 0.00	37.11 -2.24 0.00	37.94 -2.25 0.00	38.36 -2.58 8.60	38.97 -2.35 9.70	41.78 -2.21 3.13	41.27 -1.77 0.01	38.80 -1.45 0.00	33.51 -1.40 0.00	30.01 -1.91 0.00	26.70 -1.58 0.00
CLINTON___LFGE 323618	26.69 -0.97 0.00	23.98 -0.72 0.00	23.04 -1.08 0.00	23.29 -1.00 0.00	23.36 -0.95 0.00	24.41 -0.68 0.00	28.73 -0.50 0.00	31.76 0.00 0.00	33.45 -0.20 0.00	33.12 -0.61 0.00	33.87 -0.87 0.00	34.56 -0.96 0.00	35.84 -1.49 0.00	36.88 -1.54 0.00	37.74 -1.62 0.00	38.54 -1.65 0.00	39.18 -1.78 8.58	39.76 -1.58 9.68	42.40 -1.60 3.12	41.83 -1.20 0.01	39.24 -1.00 0.00	33.89 -1.01 0.00	30.42 -1.50 0.00	27.04 -1.24 0.00
COBBLENY_34_KV_TB1 80064	27.61 0.53 0.57	25.28 0.62 0.03	24.44 0.46 0.14	24.60 0.46 0.15	24.25 0.27 0.33	25.57 0.73 0.24	28.82 0.50 0.91	31.02 0.51 1.25	33.13 0.77 1.30	32.60 0.37 1.49	34.29 0.87 1.31	35.05 0.92 1.39	36.24 0.60 1.70	37.54 0.88 1.76	38.01 0.71 2.05	37.79 0.36 2.76	45.45 0.30 4.38	47.75 0.36 3.63	48.16 1.04 -0.01	43.90 0.86 0.00	40.89 0.64 0.00	35.29 0.38 0.00	32.72 0.80 0.00	29.59 1.30 0.00
COFFEEN___115KV_TB3 355620	28.27 0.50 -0.12	25.07 0.37 -0.01	24.41 0.27 -0.03	24.59 0.27 -0.03	24.69 0.32 -0.07	25.64 0.50 -0.05	30.29 0.88 -0.18	33.13 1.11 -0.26	34.79 0.88 -0.27	34.74 0.71 -0.30	35.84 0.83 -0.27	36.54 0.75 -0.28	38.21 0.52 -0.35	39.28 0.50 -0.36	40.20 0.43 -0.42	41.19 0.44 -0.56	49.00 0.20 0.73	50.33 0.41 1.09	47.28 0.75 0.59	44.24 1.21 0.00	41.54 1.29 0.00	35.95 1.05 0.00	32.88 0.96 0.00	28.91 0.62 0.00
COLDSPRG_115KV_BK1 355956	28.05 0.94 0.55	25.70 1.04 0.03	24.96 0.96 0.13	25.19 1.04 0.15	24.92 0.92 0.32	26.36 1.51 0.23	29.97 1.61 0.87	32.53 1.97 1.20	34.79 2.39 1.25	34.18 1.89 1.43	35.94 2.47 1.26	36.67 2.49 1.33	37.95 2.24 1.63	39.26 2.54 1.69	39.82 2.44 1.97	39.67 2.13 2.65	47.81 2.48 4.20	50.14 2.60 3.48	50.71 3.58 -0.01	46.18 3.14 0.00	42.95 2.70 0.00	37.03 2.13 0.00	34.22 2.30 0.00	30.75 2.46 0.00
COLONIE_LFGE___ 323577	28.68 1.02 0.00	25.61 0.91 0.00	25.06 0.94 0.00	25.21 0.92 0.00	25.28 0.97 0.00	26.02 0.93 0.00	30.22 0.99 0.00	32.65 0.89 0.00	33.94 0.94 0.65	34.15 1.05 0.62	34.73 1.08 1.08	35.66 1.14 0.99	37.59 1.27 1.01	39.00 1.50 0.91	40.13 1.58 0.80	41.14 1.77 0.82	50.14 2.23 1.62	52.45 2.40 0.97	49.67 2.54 -0.01	45.58 2.54 0.00	42.46 2.21 0.00	36.54 1.64 0.00	33.26 1.34 0.00	29.42 1.13 0.00
COOPERNY_115KV_TB1 80082	29.29 1.63 0.00	25.98 1.28 0.00	25.47 1.35 0.00	25.55 1.26 0.00	25.55 1.24 0.00	26.34 1.25 0.00	30.62 1.55 0.16	32.41 1.65 1.00	33.63 1.78 1.81	33.74 1.96 1.94	35.09 2.01 1.66	35.66 2.13 1.99	36.41 2.31 3.24	37.24 2.73 3.90	38.38 3.11 4.09	39.14 3.22 4.27	44.84 3.96 8.66	44.97 4.08 10.13	42.36 4.15 8.91	41.07 3.57 5.54	38.75 3.10 4.60	35.03 2.37 2.25	32.10 2.23 2.05	28.57 1.92 1.64
COPENHAGEN_WT_PWR 323753	28.03 0.25 -0.13	24.88 0.17 -0.01	24.25 0.10 -0.03	24.42 0.10 -0.03	24.51 0.12 -0.07	25.42 0.28 -0.05	30.01 0.58 -0.20	32.83 0.79 -0.28	34.58 0.64 -0.29	34.53 0.47 -0.33	35.58 0.55 -0.29	36.25 0.43 -0.31	38.01 0.30 -0.37	39.11 0.31 -0.39	40.00 0.20 -0.45	40.96 0.16 -0.61	48.82 -0.15 0.57	50.09 0.00 0.93	46.90 0.33 0.56	43.73 0.69 0.00	41.05 0.80 0.00	35.57 0.66 0.00	32.50 0.58 0.00	28.63 0.34 0.00
CORNELL_____ 23752	28.53 1.05 0.18	25.57 0.89 0.01	24.92 0.84 0.04	25.07 0.83 0.05	25.01 0.80 0.10	25.97 0.95 0.08	30.23 1.29 0.28	32.83 1.46 0.39	34.85 1.51 0.32	34.72 1.38 0.38	35.90 1.42 0.26	36.73 1.49 0.28	38.36 1.42 0.39	39.53 1.54 0.43	40.32 1.50 0.53	40.92 1.49 0.75	50.37 1.98 1.15	52.26 2.24 1.00	49.58 2.45 -0.01	45.36 2.32 0.00	42.30 2.05 0.00	36.51 1.61 0.00	33.45 1.53 0.00	29.64 1.36 0.00

CORONA__69_KV_TB1 355595	30.23 2.57 0.00	26.67 1.98 0.00	26.12 2.00 0.00	26.21 1.92 0.00	26.13 1.82 0.00	27.10 2.01 0.00	31.86 2.43 -0.21	35.58 2.48 -1.34	39.62 2.19 -3.78	40.44 2.50 -4.22	42.16 2.64 -4.78	44.55 2.84 -6.19	49.65 3.14 -9.18	49.96 3.57 -7.97	51.06 4.13 -7.57	52.60 4.50 -7.91	70.88 5.50 -15.85	72.99 5.87 -16.10	75.28 6.60 -21.56	55.71 5.25 -7.42	50.50 4.11 -6.15	72.52 4.12 -33.49	37.61 2.97 -2.72	33.93 3.45 -2.20
CORTLAND__115KV_TB3 80093	28.26 0.77 0.17	25.35 0.67 0.01	24.71 0.63 0.04	24.85 0.61 0.05	24.82 0.61 0.10	25.72 0.70 0.07	29.92 0.96 0.27	32.47 1.08 0.38	34.41 1.14 0.39	34.32 1.05 0.45	35.46 1.11 0.39	36.27 1.17 0.42	37.95 1.12 0.51	39.16 1.27 0.53	39.96 1.22 0.61	40.57 1.21 0.83	49.81 1.59 1.31	51.67 1.73 1.09	49.06 1.93 -0.01	44.85 1.81 0.00	41.82 1.57 0.00	36.09 1.19 0.00	33.10 1.18 0.00	29.30 1.02 0.00
COXSACKIE__GT 23611	29.34 1.69 0.00	26.25 1.56 0.00	25.59 1.47 0.00	25.75 1.46 0.00	25.72 1.41 0.00	26.49 1.40 0.00	30.51 1.28 0.00	32.87 1.11 0.00	34.90 1.35 0.10	35.01 1.38 0.10	35.92 1.35 0.17	36.69 1.17 0.00	38.67 1.50 0.16	39.73 1.46 0.15	40.84 1.61 0.13	41.95 1.89 0.13	52.10 2.82 0.26	54.49 3.62 0.16	50.92 3.77 -0.02	46.78 3.74 0.00	43.51 3.26 0.00	37.07 2.16 0.00	33.67 1.75 0.00	29.67 1.39 0.00
CPV_VALLEY__CC1 323721	29.34 1.69 0.00	26.00 1.31 0.00	25.50 1.37 0.00	25.58 1.29 0.00	25.57 1.26 0.00	26.37 1.28 0.00	30.61 1.58 0.20	32.15 1.65 1.26	33.12 1.78 2.31	33.20 1.96 2.48	34.63 2.05 2.16	35.15 2.20 2.57	35.62 2.43 4.14	36.41 2.96 4.97	37.39 3.23 5.19	38.11 3.33 5.42	42.65 4.11 10.99	42.50 4.29 12.81	40.15 4.24 11.22	39.63 3.57 6.98	37.64 3.18 5.79	34.48 2.41 2.84	31.61 2.27 2.58	28.17 1.95 2.07
CPV_VALLEY__CC2 323722	29.34 1.69 0.00	26.00 1.31 0.00	25.50 1.37 0.00	25.58 1.29 0.00	25.57 1.26 0.00	26.37 1.28 0.00	30.61 1.58 0.20	32.15 1.65 1.26	33.12 1.78 2.31	33.20 1.96 2.48	34.63 2.05 2.16	35.15 2.20 2.57	35.62 2.43 4.14	36.41 2.96 4.97	37.39 3.23 5.19	38.11 3.33 5.42	42.65 4.11 10.99	42.50 4.29 12.81	40.15 4.24 11.22	39.63 3.57 6.98	37.64 3.18 5.79	34.48 2.41 2.84	31.61 2.27 2.58	28.17 1.95 2.07
CRESCENT__HYD 24018	28.68 1.02 0.00	25.61 0.91 0.00	25.06 0.94 0.00	25.21 0.92 0.00	25.28 0.97 0.00	26.02 0.93 0.00	30.22 0.99 0.00	32.65 0.89 0.00	33.94 0.94 0.65	34.15 1.05 0.62	34.73 1.08 1.08	35.66 1.14 0.99	37.59 1.27 1.01	39.00 1.50 0.91	40.13 1.58 0.80	41.14 1.77 0.82	50.14 2.23 1.62	52.45 2.40 0.97	49.67 2.54 -0.01	45.58 2.54 0.00	42.46 2.21 0.00	36.54 1.64 0.00	33.26 1.34 0.00	29.42 1.13 0.00
CRICKET__VALLEY_CC1 323756	29.12 1.46 0.00	25.88 1.19 0.00	25.40 1.28 0.00	25.50 1.21 0.00	25.55 1.24 0.00	26.29 1.20 0.00	30.75 1.43 -0.08	33.76 1.46 -0.54	29.73 1.52 5.44	30.41 1.72 5.04	26.79 1.81 9.75	29.64 1.95 7.83	31.29 2.16 8.21	34.20 2.65 6.87	36.64 2.95 5.66	37.51 3.05 5.73	42.19 3.91 11.26	51.03 4.08 4.07	56.27 4.15 -5.01	49.73 3.70 -2.99	45.99 3.26 -2.48	38.60 2.48 -1.22	35.23 2.20 -1.11	31.09 1.92 -0.89
CRICKET__VALLEY_CC2 323757	29.12 1.46 0.00	25.88 1.19 0.00	25.40 1.28 0.00	25.50 1.21 0.00	25.55 1.24 0.00	26.29 1.20 0.00	30.75 1.43 -0.08	33.76 1.46 -0.54	29.73 1.52 5.44	30.41 1.72 5.04	26.79 1.81 9.75	29.64 1.95 7.83	31.29 2.16 8.21	34.20 2.65 6.87	36.64 2.95 5.66	37.51 3.05 5.73	42.19 3.91 11.26	51.03 4.08 4.07	56.27 4.15 -5.01	49.73 3.70 -2.99	45.99 3.26 -2.48	38.60 2.48 -1.22	35.23 2.20 -1.11	31.09 1.92 -0.89
CRICKET__VALLEY_CC3 323758	29.12 1.46 0.00	25.88 1.19 0.00	25.40 1.28 0.00	25.50 1.21 0.00	25.55 1.24 0.00	26.29 1.20 0.00	30.75 1.43 -0.08	33.76 1.46 -0.54	29.73 1.52 5.44	30.41 1.72 5.04	26.79 1.81 9.75	29.64 1.95 7.83	31.29 2.16 8.21	34.20 2.65 6.87	36.64 2.95 5.66	37.51 3.05 5.73	42.19 3.91 11.26	51.03 4.08 4.07	56.27 4.15 -5.01	49.73 3.70 -2.99	45.99 3.26 -2.48	38.60 2.48 -1.22	35.23 2.20 -1.11	31.09 1.92 -0.89
CRUCIBLE__METL_DRP 24180	27.85 0.19 0.00	24.84 0.15 0.00	24.24 0.12 0.00	24.39 0.10 0.00	24.38 0.07 0.00	25.24 0.15 0.00	29.49 0.26 0.00	32.08 0.32 0.00	34.02 0.37 0.00	34.03 0.30 0.00	35.12 0.38 0.00	35.94 0.43 0.00	37.71 0.37 0.00	38.88 0.46 0.00	39.75 0.39 0.00	40.51 0.32 0.00	49.98 0.45 0.00	51.53 0.51 0.00	47.69 0.57 0.00	43.56 0.52 0.00	40.65 0.40 0.00	35.11 0.21 0.00	32.24 0.32 0.00	28.57 0.28 0.00
DAHOWA__HYDRO 323763	28.98 1.33 0.00	25.86 1.16 0.00	25.25 1.13 0.00	25.43 1.14 0.00	25.48 1.17 0.00	26.27 1.18 0.00	30.60 1.37 0.00	33.03 1.27 0.00	34.47 1.35 0.53	34.67 1.45 0.51	35.28 1.42 0.88	36.19 1.49 0.81	38.11 1.60 0.83	39.40 1.73 0.75	40.51 1.81 0.65	41.57 2.05 0.67	50.79 2.57 1.32	53.24 3.01 0.79	50.10 2.97 0.00	46.10 3.06 0.00	42.86 2.61 0.00	36.82 1.92 0.00	33.61 1.69 0.00	29.67 1.39 0.00
DANC__LFGE 323619	27.95 0.11 -0.18	24.76 0.05 -0.01	24.16 0.00 -0.04	24.31 -0.02 -0.05	24.41 0.00 -0.10	25.29 0.13 -0.08	29.83 0.32 -0.28	32.60 0.44 -0.39	34.43 0.37 -0.41	34.46 0.27 -0.47	35.46 0.31 -0.41	36.13 0.18 -0.44	37.94 0.07 -0.53	39.09 0.12 -0.55	40.00 0.00 -0.64	41.02 -0.04 -0.87	49.58 -0.30 -0.34	50.79 -0.20 0.03	46.79 0.05 0.38	43.34 0.30 0.00	40.61 0.36 0.00	35.15 0.25 0.00	32.24 0.32 0.00	28.46 0.17 0.00
DANSKAMMER__1 23586	29.76 2.10 0.00	26.35 1.65 0.00	25.83 1.71 0.00	25.92 1.63 0.00	25.91 1.60 0.00	26.74 1.66 0.00	31.19 1.96 0.00	33.83 2.06 0.00	36.71 2.29 -0.77	36.95 2.50 -0.73	38.69 2.68 -1.28	39.84 2.84 -1.48	41.70 3.17 -1.19	43.22 3.73 -1.08	44.35 4.05 -0.94	45.33 4.18 -0.96	56.79 5.35 -1.91	57.77 5.61 -1.14	52.76 5.51 -0.13	47.78 4.73 0.00	44.47 4.23 0.00	38.08 3.18 0.00	34.85 2.93 0.00	30.80 2.52 0.00
DANSKAMMER__2 23589	29.76 2.10 0.00	26.35 1.65 0.00	25.83 1.71 0.00	25.92 1.63 0.00	25.91 1.60 0.00	26.74 1.66 0.00	31.19 1.96 0.00	33.83 2.06 0.00	36.71 2.29 -0.77	36.95 2.50 -0.73	38.69 2.68 -1.28	39.84 2.84 -1.48	41.70 3.17 -1.19	43.22 3.73 -1.08	44.35 4.05 -0.94	45.33 4.18 -0.96	56.79 5.35 -1.91	57.77 5.61 -1.14	52.76 5.51 -0.13	47.78 4.73 0.00	44.47 4.23 0.00	38.08 3.18 0.00	34.85 2.93 0.00	30.80 2.52 0.00
DANSKAMMER__3 23590	29.76 2.10 0.00	26.35 1.65 0.00	25.83 1.71 0.00	25.92 1.63 0.00	25.91 1.60 0.00	26.74 1.66 0.00	31.19 1.96 0.00	33.83 2.06 0.00	36.71 2.29 -0.77	36.95 2.50 -0.73	38.69 2.68 -1.28	39.84 2.84 -1.48	41.70 3.17 -1.19	43.22 3.73 -1.08	44.35 4.05 -0.94	45.33 4.18 -0.96	56.79 5.35 -1.91	57.77 5.61 -1.14	52.76 5.51 -0.13	47.78 4.73 0.00	44.47 4.23 0.00	38.08 3.18 0.00	34.85 2.93 0.00	30.80 2.52 0.00

DANSKAMMER___4 23591	29.76 2.10 0.00	26.35 1.65 0.00	25.83 1.71 0.00	25.92 1.63 0.00	25.91 1.60 0.00	26.74 1.66 0.00	31.19 1.96 0.00	33.83 2.06 0.00	36.71 2.29 -0.77	36.95 2.50 -0.73	38.69 2.68 -1.28	39.84 2.84 -1.48	41.70 3.17 -1.19	43.22 3.73 -1.08	44.35 4.05 -0.94	45.33 4.18 -0.96	56.79 5.35 -1.91	57.77 5.61 -1.14	52.76 5.51 -0.13	47.78 4.73 0.00	44.47 4.23 0.00	38.08 3.18 0.00	34.85 2.93 0.00	30.80 2.52 0.00
DANSKAMMER___DIESEL 23592	29.76 2.10 0.00	26.35 1.65 0.00	25.83 1.71 0.00	25.94 1.65 0.00	25.92 1.60 0.00	26.72 1.63 0.00	31.19 1.96 0.00	33.83 2.06 0.00	36.75 2.32 -0.77	37.02 2.56 -0.73	38.69 2.67 -1.28	39.81 2.81 -1.48	41.67 3.14 -1.19	43.07 3.57 -1.08	44.35 4.05 -0.94	45.33 4.18 -0.96	56.79 5.35 -1.91	57.77 5.61 -1.14	52.81 5.56 -0.13	47.90 4.86 0.00	44.48 4.23 0.00	38.08 3.18 0.00	34.86 2.94 0.00	30.80 2.52 0.00
DARBY___SOLAR 323810	28.96 1.30 0.00	25.83 1.14 0.00	25.23 1.11 0.00	25.41 1.12 0.00	25.45 1.14 0.00	26.24 1.15 0.00	30.54 1.32 0.00	33.00 1.24 0.00	34.41 1.31 0.55	34.62 1.42 0.52	35.24 1.42 0.92	36.16 1.49 0.84	38.12 1.64 0.86	39.38 1.73 0.77	40.49 1.81 0.68	41.55 2.05 0.69	50.78 2.62 1.37	53.21 3.01 0.82	50.05 2.92 -0.01	46.01 2.97 0.00	42.79 2.54 0.00	36.79 1.88 0.00	33.55 1.63 0.00	29.64 1.36 0.00
DASHVILLE___HYD 23610	29.51 1.85 0.00	26.10 1.41 0.00	25.62 1.50 0.00	25.72 1.43 0.00	25.70 1.39 0.00	26.47 1.38 0.00	30.89 1.67 0.00	33.57 1.81 0.00	36.37 2.25 -0.46	36.65 2.50 -0.43	38.10 2.61 -0.76	39.05 2.66 -0.87	41.07 3.02 -0.71	42.59 3.53 -0.64	43.93 4.01 -0.56	44.90 4.14 -0.57	55.97 5.30 -1.13	57.21 5.51 -0.68	52.33 5.14 -0.07	47.43 4.39 0.00	44.03 3.78 0.00	37.77 2.86 0.00	34.63 2.71 0.00	30.63 2.35 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	29.70 2.05 0.00	26.20 1.51 0.00	25.64 1.52 0.00	25.72 1.43 0.00	25.60 1.29 0.00	26.62 1.53 0.00	29.01 1.96 2.18	30.96 1.94 2.74	34.18 1.28 0.75	28.40 1.59 6.91	37.87 1.74 -1.40	39.15 1.92 -1.72	39.63 2.17 -0.13	47.60 2.69 -6.49	50.19 3.27 -7.57	51.86 3.82 -7.85	69.99 4.61 -15.85	72.27 5.15 -16.10	66.26 6.36 -12.78	55.75 5.29 -7.42	49.97 3.58 -6.14	43.76 3.87 -4.99	36.78 2.33 -2.53	33.90 3.42 -2.20
DELAWARE___LFGE 323621	28.91 1.36 0.11	25.88 1.19 0.01	25.30 1.21 0.02	25.48 1.21 0.03	25.47 1.22 0.06	26.27 1.23 0.04	30.55 1.49 0.17	33.15 1.62 0.23	35.36 1.78 0.08	35.46 1.85 0.12	36.64 1.88 -0.03	37.50 1.95 -0.03	39.37 2.09 0.06	40.66 2.34 0.10	41.73 2.56 0.18	42.46 2.57 0.30	52.30 3.17 0.40	53.91 3.32 0.43	50.48 3.35 -0.02	46.05 3.01 0.00	42.91 2.66 0.00	36.96 2.06 0.00	33.87 1.95 0.00	29.95 1.67 0.00
DERFIELD_115KV_TB7 355931	27.93 0.28 0.00	24.94 0.25 0.00	24.39 0.27 0.00	24.56 0.27 0.00	24.58 0.27 0.00	25.34 0.25 0.00	29.52 0.29 0.00	32.05 0.29 0.00	33.96 0.30 0.00	34.06 0.34 0.00	35.09 0.35 0.00	35.87 0.36 0.00	37.75 0.41 0.00	38.88 0.46 0.00	39.90 0.55 0.00	40.75 0.56 0.00	50.65 0.69 -0.42	52.21 0.71 -0.48	47.89 0.61 -0.15	43.64 0.60 0.00	40.73 0.48 0.00	35.25 0.35 0.00	32.24 0.32 0.00	28.57 0.28 0.00
DOGLEVILLE___HYD 23807	27.88 0.22 0.00	24.87 0.17 0.00	24.29 0.17 0.00	24.46 0.17 0.00	24.50 0.19 0.00	25.27 0.18 0.00	29.46 0.23 0.00	31.95 0.19 0.00	33.82 0.17 0.00	33.83 0.10 0.00	34.84 0.10 0.00	35.66 0.14 0.00	37.45 0.11 0.00	38.61 0.19 0.00	39.55 0.20 0.00	40.35 0.16 0.00	50.16 0.20 -0.42	51.70 0.20 -0.48	47.51 0.24 -0.15	43.30 0.26 0.00	40.49 0.24 0.00	35.08 0.18 0.00	32.21 0.29 0.00	28.51 0.23 0.00
DUNKIRK___115KV_TB_200 55889	27.85 0.77 0.58	25.53 0.86 0.03	24.78 0.80 0.14	24.98 0.85 0.16	24.68 0.71 0.33	26.05 1.20 0.25	29.48 1.17 0.91	31.77 1.27 1.26	33.96 1.62 1.31	33.43 1.21 1.51	35.18 1.77 1.32	35.92 1.81 1.40	37.16 1.53 1.71	38.49 1.84 1.78	39.02 1.73 2.07	38.81 1.41 2.78	46.70 1.59 4.42	49.09 1.73 3.66	49.34 2.21 -0.01	44.98 1.94 0.00	41.86 1.61 0.00	36.06 1.15 0.00	33.39 1.47 0.00	30.09 1.81 0.00
DUNKIRK___1 23563	27.85 0.77 0.58	25.53 0.86 0.03	24.78 0.80 0.14	24.98 0.85 0.16	24.68 0.71 0.33	26.05 1.20 0.25	29.48 1.17 0.91	31.77 1.27 1.26	33.96 1.62 1.31	33.43 1.21 1.51	35.18 1.77 1.32	35.92 1.81 1.40	37.16 1.53 1.71	38.49 1.84 1.78	39.02 1.73 2.07	38.81 1.41 2.78	46.70 1.59 4.42	49.09 1.73 3.66	49.34 2.21 -0.01	44.98 1.94 0.00	41.86 1.61 0.00	36.06 1.15 0.00	33.39 1.47 0.00	30.09 1.81 0.00
DUNKIRK___2 23564	27.85 0.77 0.58	25.53 0.86 0.03	24.78 0.80 0.14	24.98 0.85 0.16	24.68 0.71 0.33	26.05 1.20 0.25	29.48 1.17 0.91	31.77 1.27 1.26	33.96 1.62 1.31	33.43 1.21 1.51	35.18 1.77 1.32	35.92 1.81 1.40	37.16 1.53 1.71	38.49 1.84 1.78	39.02 1.73 2.07	38.81 1.41 2.78	46.70 1.59 4.42	49.09 1.73 3.66	49.34 2.21 -0.01	44.98 1.94 0.00	41.86 1.61 0.00	36.06 1.15 0.00	33.39 1.47 0.00	30.09 1.81 0.00
DUNKIRK___3 23565	27.71 0.64 0.58	25.38 0.72 0.03	24.61 0.63 0.14	24.79 0.66 0.16	24.46 0.49 0.33	25.80 0.95 0.25	29.16 0.85 0.92	31.42 0.92 1.27	33.55 1.21 1.32	33.02 0.81 1.51	34.76 1.35 1.33	35.49 1.39 1.41	36.74 1.12 1.71	38.02 1.38 1.78	38.54 1.26 2.07	38.32 0.92 2.79	46.09 0.99 4.43	48.47 1.12 3.67	48.82 1.70 -0.01	44.50 1.46 0.00	41.42 1.17 0.00	35.71 0.80 0.00	33.07 1.15 0.00	29.84 1.56 0.00
DUNKIRK___4 23566	27.71 0.64 0.58	25.38 0.72 0.03	24.61 0.63 0.14	24.79 0.66 0.16	24.46 0.49 0.33	25.80 0.95 0.25	29.16 0.85 0.92	31.42 0.92 1.27	33.55 1.21 1.32	33.02 0.81 1.51	34.76 1.35 1.33	35.49 1.39 1.41	36.74 1.12 1.71	38.02 1.38 1.78	38.54 1.26 2.07	38.32 0.92 2.79	46.09 0.99 4.43	48.47 1.12 3.67	48.82 1.70 -0.01	44.50 1.46 0.00	41.42 1.17 0.00	35.71 0.80 0.00	33.07 1.15 0.00	29.84 1.56 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.95 2.30 0.00	26.47 1.78 0.00	25.91 1.78 0.00	26.01 1.72 0.00	26.01 1.70 0.00	26.87 1.78 0.00	31.69 2.25 -0.21	35.50 2.38 -1.35	40.37 2.56 -4.16	40.78 2.80 -4.26	42.76 2.92 -5.11	45.24 3.02 -6.71	47.67 3.29 -7.05	49.86 3.77 -7.68	51.23 4.25 -7.63	52.48 4.38 -7.91	71.04 5.55 -15.96	73.11 5.87 -16.22	65.15 5.75 -12.28	55.47 4.95 -7.48	50.76 4.31 -6.20	41.36 3.42 -3.04	37.91 3.22 -2.77	33.33 2.83 -2.22
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.59 1.94 0.00	26.23 1.53 0.00	25.71 1.59 0.00	25.77 1.48 0.00	25.77 1.46 0.00	26.57 1.48 0.00	30.90 1.78 0.11	32.99 1.91 0.68	34.85 2.09 0.89	35.05 2.33 1.00	36.60 2.43 0.57	37.52 2.52 0.51	38.45 2.80 1.68	39.50 3.27 2.19	40.72 3.74 2.37	41.52 3.82 2.49	49.32 4.85 5.07	49.71 5.10 6.41	46.18 5.09 6.03	43.64 4.39 3.79	40.89 3.78 3.14	36.26 2.90 1.54	33.20 2.68 1.40	29.48 2.32 1.12

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.07 2.41 -0.01	26.58 1.88 -0.01	26.06 1.93 -0.01	26.17 1.87 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.83 2.40 -0.20	35.68 2.57 -1.34	40.60 2.79 -4.16	41.01 3.04 -4.25	42.97 3.13 -5.10	45.32 3.09 -6.71	47.75 3.36 -7.06	49.91 3.80 -7.68	51.16 4.17 -7.63	52.37 4.26 -7.92	70.91 5.40 -15.97	72.97 5.71 -16.24	64.97 5.56 -12.29	55.22 4.69 -7.49	50.68 4.23 -6.21	41.53 3.60 -3.03	38.18 3.48 -2.78	33.51 3.00 -2.23
E179THST_13_KV_LOAD 356214	30.21 2.54 -0.01	26.70 2.00 -0.01	26.16 2.03 -0.01	26.27 1.97 -0.01	26.26 1.94 -0.01	27.05 1.96 0.00	31.98 2.54 -0.20	35.84 2.73 -1.34	40.77 2.96 -4.16	41.22 3.24 -4.25	43.14 3.30 -5.10	45.53 3.30 -6.71	47.98 3.58 -7.06	50.14 4.03 -7.68	51.43 4.45 -7.63	52.65 4.54 -7.92	71.25 5.75 -15.97	73.33 6.07 -16.24	65.30 5.89 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.74 3.80 -3.03	38.37 3.67 -2.78	33.68 3.17 -2.23
EAST HAMPTON___GT 23717	29.54 1.88 0.00	26.05 1.36 0.00	25.50 1.37 0.00	25.58 1.29 0.00	25.43 1.12 0.00	26.47 1.38 0.00	28.83 1.78 2.18	30.73 1.71 2.74	33.98 1.08 0.75	28.13 1.35 6.95	37.77 1.63 -1.40	39.40 2.17 -1.72	40.01 2.54 -0.13	48.10 3.19 -6.49	50.70 3.78 -7.57	52.50 4.46 -7.85	70.03 4.65 -15.85	72.27 5.15 -16.10	66.31 6.41 -12.78	55.15 4.69 -7.42	50.66 4.26 -6.14	43.80 3.91 -4.99	36.87 2.42 -2.53	33.87 3.39 -2.20
EAST RIVER___6 23660	30.20 2.54 0.00	26.65 1.95 0.00	26.10 1.98 0.00	26.19 1.90 0.00	26.16 1.85 0.00	27.02 1.93 0.00	31.95 2.51 -0.21	35.88 2.76 -1.35	40.81 2.99 -4.17	41.19 3.21 -4.26	43.26 3.41 -5.11	45.74 3.52 -6.71	48.24 3.85 -7.06	50.56 4.45 -7.69	51.79 4.80 -7.64	53.09 4.98 -7.92	71.80 6.29 -15.98	73.89 6.63 -16.24	65.78 6.36 -12.30	55.87 5.34 -7.49	51.20 4.75 -6.21	41.72 3.77 -3.04	38.33 3.64 -2.77	33.61 3.11 -2.22
EAST RIVER___7 23524	30.20 2.54 0.00	26.65 1.95 0.00	26.10 1.98 0.00	26.19 1.90 0.00	26.16 1.85 0.00	27.02 1.93 0.00	31.95 2.51 -0.21	35.88 2.76 -1.35	40.81 2.99 -4.17	41.19 3.21 -4.26	43.26 3.41 -5.11	45.74 3.52 -6.71	48.24 3.85 -7.06	50.56 4.45 -7.69	51.79 4.80 -7.64	53.09 4.98 -7.92	71.80 6.29 -15.98	73.89 6.63 -16.24	65.78 6.36 -12.30	55.87 5.34 -7.49	51.20 4.75 -6.21	41.72 3.77 -3.04	38.33 3.64 -2.77	33.61 3.11 -2.22
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.81 2.16 0.00	26.38 1.68 0.00	25.86 1.74 0.00	25.97 1.68 0.00	25.96 1.65 0.00	26.79 1.71 0.00	31.62 2.16 -0.23	35.53 2.29 -1.48	40.59 2.46 -4.48	41.01 2.70 -4.59	43.01 2.81 -5.45	45.57 2.91 -7.14	48.14 3.21 -7.60	50.40 3.69 -8.30	51.78 4.17 -8.26	53.06 4.30 -8.57	72.27 5.45 -17.28	74.40 5.71 -17.66	66.18 5.61 -13.45	56.06 4.82 -8.20	51.23 4.19 -6.80	41.55 3.32 -3.33	38.05 3.10 -3.03	33.43 2.72 -2.43
EAST_HAMPTON___DIESEL 23722	29.48 1.82 0.00	26.00 1.31 0.00	25.45 1.33 0.00	25.53 1.24 0.00	25.41 1.09 0.00	26.42 1.33 0.00	28.77 1.72 2.18	30.67 1.65 2.74	33.95 1.04 0.75	28.06 1.28 6.95	37.70 1.56 -1.40	39.33 2.09 -1.72	39.93 2.46 -0.13	48.02 3.11 -6.49	50.67 3.74 -7.57	52.42 4.38 -7.85	69.93 4.55 -15.85	72.17 5.05 -16.10	66.22 6.32 -12.78	55.11 4.65 -7.42	50.62 4.23 -6.14	43.73 3.84 -4.99	36.84 2.40 -2.53	33.85 3.36 -2.20
EAST_POINT___SOLAR 323840	30.56 2.90 0.00	27.39 2.69 0.00	26.73 2.61 0.00	26.89 2.60 0.00	26.96 2.65 0.00	27.95 2.86 0.00	32.88 3.65 0.00	35.73 3.97 0.00	37.59 4.14 0.20	37.54 4.01 0.19	38.22 3.82 0.34	39.12 3.91 0.30	41.09 4.07 0.31	42.44 4.30 0.28	43.51 4.41 0.25	44.28 4.34 0.25	54.63 5.60 0.50	57.30 6.58 0.30	53.87 6.74 -0.01	49.54 6.50 0.00	46.08 5.83 0.00	39.51 4.61 0.00	36.13 4.21 0.00	31.71 3.42 0.00
EAST_PULASKI___ESR 323781	28.00 -0.06 -0.39	24.64 -0.07 -0.02	24.12 -0.10 -0.09	24.27 -0.12 -0.11	24.42 -0.12 -0.23	25.23 -0.03 -0.17	29.91 0.06 -0.62	32.75 0.13 -0.86	34.65 0.10 -0.89	34.78 0.03 -1.03	35.71 0.07 -0.90	36.36 -0.11 -0.96	38.28 -0.22 -1.16	39.51 -0.11 -1.21	40.53 -0.23 -1.41	41.81 -0.28 -1.89	51.51 -0.50 -2.47	52.50 -0.41 -1.89	46.74 -0.19 0.19	42.95 -0.09 0.00	40.17 -0.08 0.00	34.83 -0.07 0.00	31.98 0.06 0.00	28.31 0.03 0.00
EAST_RIVER___1 323558	30.09 2.43 0.00	26.55 1.85 0.00	26.05 1.93 0.00	26.13 1.85 0.00	26.11 1.80 0.00	26.97 1.88 0.00	31.87 2.42 -0.21	35.72 2.61 -1.35	40.61 2.79 -4.17	41.02 3.04 -4.26	43.01 3.16 -5.11	45.49 3.27 -6.71	47.98 3.58 -7.06	50.29 4.19 -7.69	51.47 4.48 -7.64	52.73 4.62 -7.92	71.40 5.89 -15.98	73.43 6.17 -16.24	65.40 5.99 -12.30	55.56 5.03 -7.49	50.96 4.51 -6.21	41.58 3.63 -3.04	38.20 3.51 -2.77	33.50 3.00 -2.22
EAST_RIVER___2 323559	30.20 2.54 0.00	26.65 1.95 0.00	26.10 1.98 0.00	26.19 1.90 0.00	26.16 1.85 0.00	27.02 1.93 0.00	31.95 2.51 -0.21	35.88 2.76 -1.35	40.81 2.99 -4.17	41.19 3.21 -4.26	43.26 3.41 -5.11	45.74 3.52 -6.71	48.24 3.85 -7.06	50.56 4.45 -7.69	51.79 4.80 -7.64	53.09 4.98 -7.92	71.80 6.29 -15.98	73.89 6.63 -16.24	65.78 6.36 -12.30	55.87 5.34 -7.49	51.20 4.75 -6.21	41.72 3.77 -3.04	38.33 3.64 -2.77	33.61 3.11 -2.22
EAST___DELAWARE_HYD 23607	29.95 2.29 0.00	26.48 1.78 0.00	25.93 1.81 0.00	25.96 1.67 0.00	25.94 1.63 0.00	26.80 1.71 0.00	31.09 1.96 0.10	33.33 2.19 0.62	35.15 2.46 0.96	35.34 2.66 1.05	36.79 2.81 0.76	37.58 2.91 0.84	38.86 3.29 1.76	40.06 3.84 2.20	41.23 4.21 2.34	42.08 4.34 2.45	50.30 5.74 4.98	51.08 6.12 6.06	47.58 5.99 5.52	44.71 5.12 3.45	41.93 4.55 2.86	36.82 3.32 1.40	33.74 3.10 1.28	29.89 2.63 1.02
EIGHT_POINT___WT_PWR 323820	27.75 0.52 0.43	25.29 0.62 0.02	24.57 0.56 0.10	24.83 0.66 0.12	24.62 0.56 0.25	25.91 1.00 0.18	29.72 1.17 0.68	32.13 1.30 0.94	34.26 1.58 0.98	33.89 1.28 1.12	35.21 1.46 0.98	36.22 1.60 0.90	37.26 1.19 1.27	38.71 1.61 1.32	39.08 1.26 1.54	39.09 0.96 2.07	47.44 1.19 3.28	49.78 1.48 2.72	49.34 2.22 -0.01	45.11 2.07 0.00	41.98 1.73 0.00	36.09 1.19 0.00	33.48 1.56 0.00	29.90 1.61 0.00
ELBRIDGE_115KV_TB2 80188	27.74 0.08 0.00	24.77 0.07 0.00	24.15 0.02 0.00	24.31 0.02 0.00	24.31 0.00 0.00	25.16 0.08 0.00	29.35 0.12 0.00	31.95 0.19 0.00	33.89 0.24 0.00	33.89 0.17 0.00	34.95 0.21 0.00	35.76 0.25 0.00	37.52 0.19 0.00	38.69 0.27 0.00	39.59 0.24 0.00	40.35 0.16 0.00	49.78 0.25 0.00	51.33 0.31 0.00	47.50 0.38 0.00	43.38 0.34 0.00	40.49 0.24 0.00	35.01 0.10 0.00	32.11 0.19 0.00	28.48 0.20 0.00
ELEC_TRO_TEK 24086	30.04 2.38 0.00	26.50 1.80 0.00	25.95 1.83 0.00	26.04 1.75 0.00	25.96 1.65 0.00	26.92 1.83 0.00	31.66 2.22 -0.21	35.36 2.26 -1.34	39.27 1.99 -3.63	40.21 2.26 -4.22	41.46 2.36 -4.37	43.54 2.52 -5.50	46.74 2.80 -6.60	49.30 3.30 -7.57	50.71 3.78 -7.57	52.24 4.18 -7.88	70.43 5.05 -15.85	72.58 5.46 -16.10	70.46 6.17 -17.16	55.32 4.86 -7.42	50.18 3.78 -6.15	57.89 3.77 -19.22	37.32 2.71 -2.69	33.71 3.22 -2.20

ELLENBURG_WT_PWR 323604	26.28 -1.38 0.00	23.61 -1.09 0.00	22.67 -1.45 0.00	22.93 -1.36 0.00	22.97 -1.34 0.00	24.08 -1.00 0.00	28.35 -0.88 0.00	31.38 -0.38 0.00	33.05 -0.60 0.00	32.71 -1.01 0.00	33.42 -1.32 0.00	34.13 -1.39 0.00	35.25 -2.09 0.00	36.27 -2.15 0.00	37.11 -2.24 0.00	37.94 -2.25 0.00	38.36 -2.58 8.60	38.97 -2.35 9.70	41.78 -2.21 3.13	41.27 -1.77 0.01	38.80 -1.45 0.00	33.51 -1.40 0.00	30.01 -1.91 0.00	26.70 -1.58 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.52 0.47 0.60	25.20 0.54 0.03	24.41 0.43 0.14	24.54 0.41 0.16	24.18 0.22 0.35	25.51 0.68 0.26	28.66 0.38 0.95	30.73 0.29 1.32	32.86 0.57 1.37	32.32 0.17 1.57	34.02 0.66 1.38	34.76 0.71 1.46	35.93 0.37 1.78	37.18 0.61 1.85	37.63 0.43 2.16	37.33 0.04 2.90	44.78 -0.15 4.61	47.15 -0.05 3.82	47.46 0.33 -0.01	43.26 0.22 0.00	40.37 0.12 0.00	34.83 -0.07 0.00	32.37 0.45 0.00	29.30 1.02 0.00
EMPIRE_CC_1 323656	28.29 0.64 0.00	25.39 0.69 0.00	24.87 0.75 0.00	25.02 0.73 0.00	25.09 0.78 0.00	25.79 0.70 0.00	29.81 0.58 0.00	32.21 0.44 0.00	33.14 0.44 0.95	33.36 0.54 0.90	33.75 0.59 1.58	34.71 0.64 1.44	36.57 0.71 1.48	38.05 0.96 1.33	39.29 1.10 1.17	40.25 1.25 1.19	48.71 1.54 2.36	51.24 1.63 1.41	49.02 1.89 -0.01	44.93 1.89 0.00	41.86 1.61 0.00	36.05 1.15 0.00	32.85 0.93 0.00	29.05 0.76 0.00
EMPIRE_CC_2 323658	28.29 0.64 0.00	25.39 0.69 0.00	24.87 0.75 0.00	25.02 0.73 0.00	25.09 0.78 0.00	25.79 0.70 0.00	29.81 0.58 0.00	32.21 0.44 0.00	33.14 0.44 0.95	33.36 0.54 0.90	33.75 0.59 1.58	34.71 0.64 1.44	36.57 0.71 1.48	38.05 0.96 1.33	39.29 1.10 1.17	40.25 1.25 1.19	48.71 1.54 2.36	51.24 1.63 1.41	49.02 1.89 -0.01	44.93 1.89 0.00	41.86 1.61 0.00	36.05 1.15 0.00	32.85 0.93 0.00	29.05 0.76 0.00
ENORWICH_115KV_TB1 80156	30.03 2.52 0.15	26.81 2.12 0.01	26.09 2.00 0.04	26.27 2.02 0.04	26.29 2.07 0.09	27.36 2.33 0.06	32.12 3.13 0.23	34.93 3.49 0.32	37.07 3.63 0.22	36.79 3.34 0.27	37.90 3.30 0.14	38.85 3.48 0.15	40.48 3.40 0.25	41.70 3.57 0.29	42.63 3.66 0.38	43.32 3.70 0.56	53.45 4.76 0.83	55.56 5.31 0.76	52.55 5.42 -0.01	48.33 5.29 0.00	45.08 4.83 0.00	38.85 3.94 0.00	35.56 3.64 0.00	31.40 3.11 0.00
ERIE_ST_34_KV_TB1-2 80199	27.32 0.25 0.59	25.06 0.40 0.03	24.20 0.22 0.14	24.35 0.22 0.16	24.00 0.02 0.34	25.32 0.48 0.25	28.57 0.26 0.92	30.74 0.25 1.28	32.86 0.54 1.33	32.37 0.17 1.52	34.06 0.66 1.34	34.81 0.71 1.42	36.02 0.41 1.73	37.27 0.65 1.80	37.81 0.55 2.09	37.53 0.16 2.82	45.06 0.00 4.47	47.36 0.05 3.71	48.54 1.41 -0.01	44.20 1.16 0.00	41.17 0.93 0.00	35.46 0.56 0.00	32.85 0.93 0.00	29.70 1.41 0.00
ERIE_WT_PWR 323693	27.59 0.52 0.59	25.28 0.62 0.03	24.46 0.48 0.14	24.62 0.49 0.16	24.24 0.27 0.34	25.56 0.73 0.25	28.79 0.50 0.93	30.92 0.44 1.29	33.09 0.77 1.34	32.59 0.41 1.54	34.11 0.73 1.35	34.93 0.85 1.43	36.04 0.45 1.75	37.60 1.00 1.82	37.87 0.63 2.11	37.59 0.24 2.84	45.17 0.15 4.52	47.48 0.20 3.74	47.98 0.85 -0.01	43.73 0.69 0.00	40.69 0.44 0.00	35.01 0.11 0.00	32.62 0.70 0.00	29.47 1.19 0.00
ESPRGFLD_115KV_TB1 80157	30.09 2.43 0.00	26.89 2.20 0.00	26.27 2.15 0.00	26.43 2.14 0.00	26.50 2.19 0.00	27.45 2.36 0.00	32.27 3.04 0.00	35.13 3.37 0.00	37.15 3.60 0.10	37.14 3.51 0.10	37.98 3.40 0.17	38.90 3.52 0.13	40.84 3.66 0.16	42.16 3.88 0.14	43.32 4.09 0.12	44.08 4.02 0.13	54.34 5.05 0.25	56.58 5.71 0.15	52.88 5.75 -0.01	48.46 5.42 0.00	45.12 4.87 0.00	38.78 3.87 0.00	35.46 3.54 0.00	31.23 2.94 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.51 1.02 0.17	25.55 0.86 0.01	24.88 0.80 0.04	25.05 0.80 0.04	24.99 0.78 0.10	25.95 0.93 0.07	30.19 1.23 0.26	32.80 1.40 0.37	34.84 1.48 0.29	34.69 1.32 0.35	35.86 1.35 0.24	36.69 1.42 0.25	38.32 1.34 0.36	39.53 1.50 0.39	40.28 1.42 0.49	40.90 1.41 0.69	50.36 1.88 1.06	52.24 2.14 0.93	49.48 2.36 -0.01	45.28 2.24 0.00	42.22 1.97 0.00	36.44 1.54 0.00	33.42 1.50 0.00	29.59 1.30 0.00
ETNA____115KV_TB2 80207	28.51 1.02 0.17	25.55 0.86 0.01	24.88 0.80 0.04	25.05 0.80 0.04	24.99 0.78 0.10	25.95 0.93 0.07	30.19 1.23 0.26	32.80 1.40 0.37	34.84 1.48 0.29	34.69 1.32 0.35	35.86 1.35 0.24	36.69 1.42 0.25	38.32 1.34 0.36	39.53 1.50 0.39	40.28 1.42 0.49	40.90 1.41 0.69	50.36 1.88 1.06	52.24 2.14 0.93	49.48 2.36 -0.01	45.28 2.24 0.00	42.22 1.97 0.00	36.44 1.54 0.00	33.42 1.50 0.00	29.59 1.30 0.00
EUCLID____115KV_TB2 356179	27.18 -0.08 0.40	24.57 -0.10 0.02	23.91 -0.12 0.09	24.06 -0.12 0.11	23.94 -0.15 0.23	24.82 -0.10 0.17	28.51 -0.09 0.63	30.83 -0.06 0.87	32.72 -0.03 0.90	32.59 -0.10 1.03	33.76 -0.07 0.91	34.52 -0.04 0.96	36.09 -0.07 1.17	37.20 0.00 1.22	37.86 -0.08 1.42	38.16 -0.12 1.91	46.36 -0.15 3.03	48.41 -0.10 2.51	47.07 -0.05 0.00	42.95 -0.09 0.00	40.13 -0.12 0.00	34.66 -0.24 0.00	31.82 -0.10 0.00	28.26 -0.03 0.00
E_CANADA_CAP_HY 24051	30.51 2.85 0.00	27.36 2.67 0.00	26.68 2.56 0.00	26.86 2.57 0.00	26.91 2.60 0.00	27.90 2.81 0.00	32.82 3.59 0.00	35.67 3.91 0.00	37.53 4.07 0.20	37.48 3.94 0.19	38.17 3.75 0.32	39.06 3.84 0.29	41.03 4.00 0.30	42.41 4.26 0.27	43.48 4.37 0.24	44.20 4.26 0.25	54.55 5.50 0.49	57.21 6.48 0.29	53.68 6.55 -0.01	49.37 6.33 0.00	45.96 5.71 0.00	39.37 4.47 0.00	36.07 4.15 0.00	31.68 3.39 0.00
E_CANADA_MHWK_HY 24050	27.88 0.22 0.00	24.87 0.17 0.00	24.29 0.17 0.00	24.46 0.17 0.00	24.50 0.19 0.00	25.27 0.18 0.00	29.46 0.23 0.00	31.95 0.19 0.00	33.82 0.17 0.00	33.83 0.10 0.00	34.84 0.10 0.00	35.66 0.14 0.00	37.45 0.11 0.00	38.61 0.19 0.00	39.55 0.20 0.00	40.35 0.16 0.00	50.16 0.20 -0.42	51.70 0.20 -0.48	47.51 0.24 -0.15	43.30 0.26 0.00	40.49 0.24 0.00	35.08 0.18 0.00	32.21 0.29 0.00	28.51 0.23 0.00
E_FISHKILL____LBMP 23776	29.43 1.77 0.00	26.10 1.41 0.00	25.64 1.52 0.00	25.75 1.46 0.00	25.75 1.43 0.00	26.54 1.46 0.00	31.10 1.81 -0.06	34.04 1.87 -0.40	37.59 2.05 -1.89	37.87 2.26 -1.88	39.66 2.33 -2.60	41.48 2.45 -3.52	43.13 2.69 -3.10	44.72 3.11 -3.19	45.96 3.54 -3.06	47.01 3.66 -3.16	60.54 4.66 -6.35	61.65 4.85 -5.78	55.72 4.85 -3.75	49.48 4.22 -2.22	45.75 3.66 -1.84	38.67 2.86 -0.90	35.39 2.65 -0.82	31.26 2.32 -0.66
FALCON____SEABRD_CC1 323796	26.66 -0.99 0.00	23.93 -0.77 0.00	23.01 -1.11 0.00	23.25 -1.04 0.00	23.31 -1.00 0.00	24.39 -0.70 0.00	28.67 -0.56 0.00	31.70 -0.06 0.00	33.38 -0.27 0.00	33.05 -0.67 0.00	33.80 -0.94 0.00	34.52 -0.99 0.00	35.77 -1.57 0.00	36.81 -1.61 0.00	37.66 -1.69 0.00	38.50 -1.69 0.00	39.05 -1.88 8.60	39.58 -1.73 9.70	42.30 -1.69 3.13	41.74 -1.29 0.01	39.20 -1.05 0.00	33.86 -1.05 0.00	30.42 -1.50 0.00	27.04 -1.24 0.00

FALCON___SEABRD_CC2 323797	26.66 -0.99 0.00	23.93 -0.77 0.00	23.01 -1.11 0.00	23.25 -1.04 0.00	23.31 -1.00 0.00	24.39 -0.70 0.00	28.67 -0.56 0.00	31.70 -0.06 0.00	33.38 -0.27 0.00	33.05 -0.67 0.00	33.80 -0.94 0.00	34.52 -0.99 0.00	35.77 -1.57 0.00	36.81 -1.61 0.00	37.66 -1.69 0.00	38.50 -1.69 0.00	39.05 -1.88 8.60	39.58 -1.73 9.70	42.30 -1.69 3.13	41.74 -1.29 0.01	39.20 -1.05 0.00	33.86 -1.05 0.00	30.42 -1.50 0.00	27.04 -1.24 0.00
FAR ROCKAWAY___4 23548	30.45 2.79 0.00	26.87 2.17 0.00	26.29 2.17 0.00	26.38 2.09 0.00	26.30 1.99 0.00	27.30 2.21 0.00	32.07 2.63 -0.21	35.80 2.70 -1.34	39.84 2.42 -3.76	40.68 2.73 -4.22	42.42 2.92 -4.77	44.88 3.20 -6.17	50.22 3.55 -9.34	50.14 3.73 -7.99	51.22 4.29 -7.57	52.80 4.70 -7.91	71.08 5.70 -15.85	73.24 6.12 -16.10	75.85 6.88 -21.85	55.88 5.42 -7.42	50.62 4.23 -6.15	73.85 4.54 -34.41	37.89 3.26 -2.72	34.21 3.73 -2.20
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.09 2.43 0.00	26.55 1.85 0.00	26.05 1.93 0.00	26.14 1.85 0.00	26.11 1.80 0.00	26.97 1.88 0.00	31.87 2.43 -0.21	35.72 2.60 -1.35	40.65 2.83 -4.17	41.09 3.10 -4.26	43.01 3.16 -5.11	45.42 3.20 -6.71	47.90 3.51 -7.06	50.10 4.00 -7.69	51.44 4.45 -7.64	52.69 4.58 -7.92	71.36 5.85 -15.98	73.39 6.12 -16.24	65.40 5.98 -12.29	55.65 5.12 -7.49	50.93 4.47 -6.21	41.54 3.60 -3.04	38.17 3.48 -2.77	33.53 3.03 -2.22
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.09 2.43 0.00	26.57 1.88 0.00	26.05 1.93 0.00	26.14 1.85 0.00	26.11 1.80 0.00	26.97 1.88 0.00	31.87 2.43 -0.21	35.72 2.60 -1.35	40.65 2.83 -4.17	41.09 3.10 -4.26	43.01 3.16 -5.11	45.42 3.20 -6.71	47.90 3.51 -7.06	50.10 4.00 -7.69	51.44 4.45 -7.64	52.69 4.58 -7.92	71.31 5.80 -15.98	73.39 6.12 -16.24	65.40 5.98 -12.29	55.65 5.12 -7.49	50.93 4.47 -6.21	41.54 3.60 -3.04	38.20 3.51 -2.77	33.53 3.03 -2.22
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.06 2.41 0.00	26.55 1.85 0.00	26.03 1.91 0.00	26.11 1.82 0.00	26.11 1.80 0.00	26.95 1.86 0.00	31.84 2.40 -0.21	35.69 2.57 -1.35	40.65 2.83 -4.17	41.06 3.07 -4.26	42.98 3.13 -5.11	45.39 3.16 -6.71	47.87 3.47 -7.06	50.06 3.96 -7.69	51.44 4.45 -7.64	52.69 4.58 -7.92	71.31 5.80 -15.98	73.33 6.07 -16.24	65.35 5.94 -12.29	55.61 5.08 -7.49	50.88 4.43 -6.21	41.51 3.56 -3.04	38.17 3.48 -2.77	33.50 3.00 -2.22
FARRAGUT___LBMP 323566	30.06 2.41 0.00	26.52 1.83 0.00	26.00 1.88 0.00	26.11 1.82 0.00	26.09 1.77 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.58 2.76 -4.17	41.02 3.04 -4.26	42.94 3.09 -5.11	45.35 3.13 -6.71	47.83 3.44 -7.06	50.02 3.92 -7.69	51.36 4.37 -7.64	52.61 4.50 -7.92	71.21 5.70 -15.98	73.28 6.02 -16.24	65.31 5.89 -12.29	55.57 5.04 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	38.14 3.45 -2.77	33.47 2.97 -2.22
FENNER___WINDPWR 24204	28.32 0.83 0.17	25.38 0.69 0.01	24.73 0.65 0.04	24.88 0.63 0.04	24.87 0.66 0.10	25.77 0.75 0.07	29.96 0.99 0.26	32.54 1.14 0.36	34.52 1.25 0.38	34.44 1.15 0.43	35.54 1.18 0.38	36.32 1.21 0.40	38.04 1.19 0.49	39.29 1.38 0.51	40.05 1.30 0.60	40.67 1.29 0.80	49.89 1.63 1.27	51.75 1.78 1.06	48.92 1.79 0.00	44.76 1.72 0.00	41.82 1.57 0.00	36.09 1.19 0.00	33.07 1.15 0.00	29.25 0.96 0.00
FIBERTEK___ENERGY 23856	27.85 0.19 0.00	24.84 0.15 0.00	24.24 0.12 0.00	24.39 0.10 0.00	24.38 0.07 0.00	25.24 0.15 0.00	29.49 0.26 0.00	32.08 0.32 0.00	34.02 0.37 0.00	34.03 0.30 0.00	35.12 0.38 0.00	35.94 0.43 0.00	37.71 0.37 0.00	38.88 0.46 0.00	39.75 0.39 0.00	40.51 0.32 0.00	49.98 0.45 0.00	51.53 0.51 0.00	47.69 0.57 0.00	43.56 0.52 0.00	40.65 0.40 0.00	35.11 0.21 0.00	32.24 0.32 0.00	28.57 0.28 0.00
FITZPATRICK____ 23598	22.13 -0.58 4.95	23.87 -0.54 0.28	22.42 -0.53 1.17	22.41 -0.56 1.33	20.88 -0.58 2.85	22.43 -0.55 2.11	20.81 -0.62 7.80	20.32 -0.64 10.80	21.79 -0.64 11.22	20.18 -0.67 12.87	22.72 -0.69 11.33	22.78 -0.75 11.99	21.90 -0.82 14.61	22.50 -0.73 15.19	20.84 -0.83 17.69	15.52 -0.88 23.79	10.67 -1.09 37.78	18.60 -1.12 31.30	46.18 -0.94 0.00	42.13 -0.91 0.00	39.36 -0.89 0.00	34.07 -0.84 0.00	31.25 -0.67 0.00	27.72 -0.57 0.00
FLOWRFLD_69_KV_BK1 356044	29.98 2.32 0.00	26.42 1.73 0.00	25.86 1.74 0.00	25.94 1.65 0.00	25.84 1.53 0.00	26.87 1.78 0.00	28.85 2.16 2.54	30.53 2.13 3.36	33.90 1.51 1.27	33.66 1.79 1.85	37.86 1.81 -1.32	39.14 1.88 -1.75	39.65 2.13 -0.18	47.43 2.54 -6.48	49.88 2.95 -7.57	51.54 3.50 -7.85	69.64 4.26 -15.85	71.87 4.74 -16.10	65.78 5.84 -12.82	55.11 4.65 -7.42	49.61 3.22 -6.14	43.75 3.73 -5.11	36.78 2.33 -2.53	33.85 3.37 -2.20
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.81 2.16 0.00	26.40 1.70 0.00	25.88 1.76 0.00	25.97 1.68 0.00	25.94 1.63 0.00	26.77 1.68 0.00	31.22 1.99 0.00	33.89 2.13 0.00	36.79 2.36 -0.78	37.10 2.63 -0.74	38.78 2.74 -1.30	39.90 2.88 -1.51	41.76 3.21 -1.21	43.20 3.69 -1.09	44.48 4.17 -0.96	45.43 4.26 -0.98	56.97 5.50 -1.94	57.95 5.77 -1.16	52.96 5.70 -0.13	47.99 4.95 0.00	44.56 4.31 0.00	38.15 3.25 0.00	34.92 3.00 0.00	30.86 2.57 0.00
FORT ORANGE____ 23900	28.49 0.83 0.00	25.51 0.81 0.00	24.96 0.84 0.00	25.14 0.85 0.00	25.16 0.85 0.00	25.87 0.78 0.00	29.99 0.76 0.00	32.24 0.48 0.00	33.75 0.51 0.41	33.90 0.57 0.39	34.64 0.59 0.69	35.45 0.57 0.63	37.40 0.71 0.64	38.72 0.88 0.58	39.87 1.02 0.51	40.84 1.17 0.52	50.04 1.54 1.03	52.19 1.78 0.62	49.10 1.98 0.00	44.98 1.94 0.00	41.94 1.69 0.00	36.05 1.15 0.00	32.85 0.93 0.00	29.05 0.76 0.00
FORT_DRUM_COGEN 23780	28.01 0.25 -0.11	24.85 0.15 -0.01	24.22 0.07 -0.03	24.39 0.07 -0.03	24.49 0.12 -0.06	25.41 0.28 -0.04	29.98 0.58 -0.17	32.82 0.83 -0.23	34.53 0.64 -0.24	34.47 0.47 -0.27	35.57 0.59 -0.24	36.30 0.53 -0.26	37.99 0.34 -0.31	39.05 0.31 -0.32	39.97 0.24 -0.38	40.90 0.20 -0.51	48.46 -0.15 0.92	49.69 -0.05 1.28	46.77 0.28 0.63	43.73 0.69 0.00	41.09 0.85 0.00	35.57 0.66 0.00	32.53 0.61 0.00	28.62 0.34 0.00
FOX_HILLS___ESR 323835	30.32 2.66 -0.01	26.78 2.07 -0.01	26.25 2.12 -0.01	26.36 2.06 -0.01	26.34 2.02 -0.01	27.17 2.08 0.00	32.02 2.57 -0.22	35.76 2.64 -1.36	40.59 2.76 -4.17	41.03 3.04 -4.27	43.02 3.16 -5.12	45.42 3.20 -6.71	47.75 3.36 -7.06	49.87 3.77 -7.68	51.16 4.17 -7.63	52.41 4.30 -7.92	71.01 5.50 -15.97	73.13 5.87 -16.24	65.16 5.75 -12.29	55.39 4.86 -7.49	50.80 4.35 -6.21	41.72 3.77 -3.05	41.93 3.58 -6.44	33.59 3.08 -2.23
FPL FAR_ROCK_GT1 24212	30.45 2.79 0.00	26.87 2.17 0.00	26.29 2.17 0.00	26.38 2.09 0.00	26.30 1.99 0.00	27.30 2.21 0.00	32.07 2.63 -0.21	35.77 2.67 -1.34	39.81 2.39 -3.76	40.61 2.66 -4.22	42.42 2.92 -4.77	44.92 3.23 -6.17	49.89 3.21 -9.34	50.37 3.96 -7.99	51.49 4.56 -7.58	53.20 5.10 -7.91	71.03 5.64 -15.85	73.04 5.92 -16.11	75.85 6.88 -21.85	55.37 4.90 -7.42	50.62 4.23 -6.15	73.88 4.57 -34.41	37.89 3.26 -2.72	34.10 3.62 -2.20

FPL FAR_ROCK_GT2 23815	30.45 2.79 0.00	26.87 2.17 0.00	26.29 2.17 0.00	26.38 2.09 0.00	26.30 1.99 0.00	27.30 2.21 0.00	32.07 2.63 -0.21	35.77 2.67 -1.34	39.81 2.39 -3.76	40.61 2.66 -4.22	42.42 2.92 -4.77	44.92 3.23 -6.17	49.89 3.21 -9.34	50.37 3.96 -7.99	51.49 4.56 -7.58	53.20 5.10 -7.91	71.03 5.64 -15.85	73.04 5.92 -16.11	75.85 6.88 -21.85	55.37 4.90 -7.42	50.62 4.23 -6.15	73.88 4.57 -34.41	37.89 3.26 -2.72	34.10 3.62 -2.20
FRANKLIN_FALL_HYD 24054	26.80 -0.86 0.00	24.03 -0.67 0.00	23.20 -0.92 0.00	23.44 -0.85 0.00	23.48 -0.83 0.00	24.44 -0.65 0.00	28.67 -0.56 0.00	31.54 -0.22 0.00	33.22 -0.44 0.00	32.95 -0.78 0.00	33.80 -0.94 0.00	34.56 -0.96 0.00	36.07 -1.27 0.00	37.15 -1.27 0.00	37.86 -1.50 0.00	38.66 -1.53 0.00	39.52 -1.93 8.09	39.85 -2.04 9.12	42.11 -2.07 2.94	41.23 -1.81 0.01	38.96 -1.29 0.00	33.89 -1.01 0.00	30.64 -1.28 0.00	27.18 -1.10 0.00
FREEPORT_EQUUS_GT1 23764	30.20 2.54 0.00	26.65 1.95 0.00	26.07 1.95 0.00	26.16 1.87 0.00	26.08 1.77 0.00	27.07 1.98 0.00	31.84 2.40 -0.21	35.49 2.38 -1.34	38.93 2.02 -3.25	40.20 2.26 -4.22	40.49 2.33 -3.42	42.01 2.56 -3.94	44.40 2.88 -4.19	49.17 3.53 -7.22	51.10 4.17 -7.58	52.52 4.46 -7.87	70.24 4.86 -15.85	72.27 5.15 -16.10	69.45 6.12 -16.21	54.80 4.35 -7.42	50.10 3.70 -6.15	55.07 4.05 -16.12	37.42 2.87 -2.62	33.82 3.34 -2.20
FREEPORT___CT2 23818	30.20 2.54 0.00	26.65 1.95 0.00	26.07 1.95 0.00	26.16 1.87 0.00	26.08 1.77 0.00	27.07 1.98 0.00	31.84 2.40 -0.21	35.49 2.38 -1.34	38.93 2.02 -3.25	40.20 2.26 -4.22	40.49 2.33 -3.42	42.01 2.56 -3.94	44.40 2.88 -4.19	49.17 3.53 -7.22	51.10 4.17 -7.58	52.52 4.46 -7.87	70.24 4.86 -15.85	72.27 5.15 -16.10	69.45 6.12 -16.21	54.80 4.35 -7.42	50.10 3.70 -6.15	55.07 4.05 -16.12	37.42 2.87 -2.62	33.82 3.34 -2.20
FRESHKLS_33_KV_LOAD 356253	30.32 2.66 -0.01	26.83 2.12 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.20 2.11 0.00	32.02 2.57 -0.22	35.70 2.57 -1.36	40.52 2.69 -4.17	40.93 2.93 -4.27	42.90 3.06 -5.10	45.31 3.09 -6.70	44.72 3.25 -4.13	45.14 3.65 -3.07	45.26 4.09 -1.81	45.78 4.22 -1.37	53.51 5.40 1.42	55.68 5.82 1.15	47.71 5.70 5.11	46.81 4.82 1.05	45.93 4.31 -1.37	41.65 3.70 -3.05	38.24 3.54 -2.78	33.56 3.05 -2.23
FULTON COGEN____ 23766	28.01 -0.11 -0.47	24.60 -0.12 -0.03	24.09 -0.14 -0.11	24.27 -0.15 -0.13	24.41 -0.17 -0.27	25.16 -0.13 -0.20	29.88 -0.09 -0.74	32.75 -0.03 -1.02	34.68 -0.03 -1.06	34.84 -0.10 -1.21	35.74 -0.07 -1.07	36.61 -0.04 -1.13	38.60 -0.11 -1.38	39.77 -0.08 -1.43	40.86 -0.16 -1.67	42.23 -0.20 -2.24	52.85 -0.25 -3.56	53.77 -0.20 -2.95	47.07 -0.05 0.00	43.00 -0.04 0.00	40.13 -0.12 0.00	34.69 -0.21 0.00	31.86 -0.06 0.00	28.23 -0.06 0.00
FULTON___LFGE 323630	31.83 4.18 0.00	28.52 3.83 0.00	27.74 3.62 0.00	27.93 3.64 0.00	27.98 3.67 0.00	29.10 4.01 0.00	34.31 5.09 0.00	37.19 5.43 0.00	39.07 5.65 0.24	38.93 5.43 0.22	39.31 4.97 0.39	40.20 5.04 0.35	42.35 5.38 0.37	43.58 5.49 0.33	44.69 5.63 0.29	45.88 5.99 0.30	56.77 7.82 0.59	60.26 9.59 0.35	56.74 9.61 -0.01	52.30 9.26 0.00	48.62 8.37 0.00	41.54 6.63 0.00	37.73 5.81 0.00	32.98 4.70 0.00
G.F.CEMENT___DRP 24184	29.10 1.44 0.00	25.91 1.21 0.00	25.30 1.18 0.00	25.46 1.17 0.00	25.53 1.22 0.00	26.32 1.23 0.00	30.72 1.49 0.00	33.16 1.40 0.00	34.70 1.55 0.50	34.90 1.65 0.47	35.51 1.60 0.83	36.42 1.67 0.76	38.39 1.83 0.77	39.53 1.81 0.70	40.67 1.93 0.61	41.82 2.25 0.62	51.12 2.82 1.24	53.65 3.37 0.74	50.23 3.11 0.00	46.23 3.19 0.00	42.87 2.62 0.00	36.82 1.92 0.00	33.68 1.76 0.00	29.70 1.41 0.00
GARDENVILLE___LBMP 24039	27.51 0.44 0.59	25.21 0.54 0.03	24.41 0.43 0.14	24.54 0.41 0.16	24.21 0.24 0.34	25.51 0.68 0.25	28.73 0.44 0.94	30.85 0.38 1.30	32.95 0.64 1.35	32.45 0.27 1.54	34.11 0.73 1.36	34.86 0.78 1.44	36.07 0.49 1.75	37.29 0.69 1.82	37.78 0.55 2.12	37.50 0.16 2.85	45.00 0.00 4.53	47.37 0.10 3.75	47.79 0.66 -0.01	43.51 0.47 0.00	40.57 0.32 0.00	35.04 0.14 0.00	32.53 0.61 0.00	29.42 1.13 0.00
GARDNVLA_35_KV_LD 355827	27.62 0.55 0.59	25.30 0.64 0.03	24.49 0.51 0.14	24.62 0.49 0.16	24.26 0.29 0.34	25.59 0.75 0.25	28.82 0.53 0.93	30.95 0.48 1.29	33.09 0.77 1.34	32.56 0.37 1.54	34.25 0.87 1.35	35.01 0.92 1.43	36.23 0.63 1.75	37.49 0.88 1.81	37.95 0.71 2.11	37.71 0.36 2.84	45.27 0.25 4.51	47.59 0.31 3.74	48.02 0.90 -0.01	43.73 0.69 0.00	40.77 0.52 0.00	35.18 0.28 0.00	32.65 0.73 0.00	29.56 1.27 0.00
GELCKHM___115KV_LOAD 80723	27.41 0.00 0.25	24.66 -0.02 0.01	24.01 -0.05 0.06	24.15 -0.07 0.07	24.09 -0.07 0.14	24.96 -0.03 0.11	28.86 0.03 0.40	31.28 0.06 0.55	33.15 0.07 0.57	33.11 0.03 0.65	34.27 0.10 0.57	35.01 0.11 0.61	36.67 0.07 0.74	37.80 0.15 0.77	38.57 0.12 0.90	39.02 0.04 1.21	47.67 0.05 1.92	49.53 0.10 1.59	47.31 0.19 0.00	43.17 0.13 0.00	40.29 0.04 0.00	34.83 -0.07 0.00	31.95 0.03 0.00	28.37 0.08 0.00
GENERAL___MILLS 23808	27.56 0.50 0.59	25.25 0.59 0.03	24.44 0.46 0.14	24.59 0.46 0.16	24.21 0.24 0.34	25.54 0.70 0.25	28.76 0.47 0.93	30.88 0.41 1.29	32.99 0.67 1.34	32.49 0.30 1.54	34.18 0.80 1.35	34.90 0.82 1.43	36.11 0.52 1.75	37.37 0.77 1.82	37.83 0.59 2.11	37.59 0.24 2.84	45.12 0.10 4.52	47.43 0.15 3.74	47.88 0.75 -0.01	43.64 0.60 0.00	40.69 0.44 0.00	35.11 0.21 0.00	32.59 0.67 0.00	29.50 1.22 0.00
GE_PLASTICS___DRP 24183	28.40 0.75 0.00	25.41 0.72 0.00	24.89 0.77 0.00	25.07 0.78 0.00	25.09 0.78 0.00	25.79 0.70 0.00	29.93 0.70 0.00	32.27 0.51 0.00	33.87 0.54 0.32	34.06 0.64 0.31	34.86 0.66 0.53	35.66 0.64 0.50	37.62 0.78 0.50	38.89 0.92 0.45	40.06 1.10 0.39	41.03 1.25 0.40	50.32 1.59 0.80	52.22 1.68 0.48	48.96 1.84 0.00	44.81 1.76 0.00	41.78 1.53 0.00	35.99 1.08 0.00	32.81 0.89 0.00	29.02 0.74 0.00
GILBOA___1 23756	28.60 0.94 0.00	25.58 0.89 0.00	25.13 1.01 0.00	25.38 1.09 0.00	25.41 1.09 0.00	25.99 0.90 0.00	30.16 0.94 0.00	32.72 0.95 0.00	34.84 1.01 -0.18	34.97 1.08 -0.17	36.18 1.14 -0.30	36.95 1.17 -0.26	38.96 1.34 -0.28	40.32 1.65 -0.25	41.38 1.81 -0.22	42.30 1.89 -0.22	52.35 2.38 -0.44	53.53 2.24 -0.26	49.52 2.40 0.01	45.23 2.19 0.00	42.26 2.01 0.00	36.37 1.47 0.00	33.26 1.34 0.00	29.44 1.16 0.00
GILBOA___2 23757	28.60 0.94 0.00	25.58 0.89 0.00	25.13 1.01 0.00	25.38 1.09 0.00	25.41 1.09 0.00	25.99 0.90 0.00	30.16 0.94 0.00	32.72 0.95 0.00	34.84 1.01 -0.18	34.97 1.08 -0.17	36.18 1.14 -0.30	36.95 1.17 -0.26	38.96 1.34 -0.28	40.32 1.65 -0.25	41.38 1.81 -0.22	42.30 1.89 -0.22	52.35 2.38 -0.44	53.53 2.24 -0.26	49.52 2.40 0.01	45.23 2.19 0.00	42.26 2.01 0.00	36.37 1.47 0.00	33.26 1.34 0.00	29.44 1.16 0.00

GILBOA___3 23758	28.60 0.94 0.00	25.58 0.89 0.00	25.13 1.01 0.00	25.38 1.09 0.00	25.41 1.09 0.00	25.99 0.90 0.00	30.16 0.94 0.00	32.72 0.95 0.00	34.84 1.01 -0.18	34.97 1.08 -0.17	36.18 1.14 -0.30	36.95 1.17 -0.26	38.96 1.34 -0.28	40.32 1.65 -0.25	41.38 1.81 -0.22	42.30 1.89 -0.22	52.35 2.38 -0.44	53.53 2.24 -0.26	49.52 2.40 0.01	45.23 2.19 0.00	42.26 2.01 0.00	36.37 1.47 0.00	33.26 1.34 0.00	29.44 1.16 0.00
GILBOA___4 23759	28.60 0.94 0.00	25.58 0.89 0.00	25.13 1.01 0.00	25.38 1.09 0.00	25.41 1.09 0.00	25.99 0.90 0.00	30.16 0.94 0.00	32.72 0.95 0.00	34.84 1.01 -0.18	34.97 1.08 -0.17	36.18 1.14 -0.30	36.95 1.17 -0.26	38.96 1.34 -0.28	40.32 1.65 -0.25	41.38 1.81 -0.22	42.30 1.89 -0.22	52.35 2.38 -0.44	53.53 2.24 -0.26	49.52 2.40 0.01	45.23 2.19 0.00	42.26 2.01 0.00	36.37 1.47 0.00	33.26 1.34 0.00	29.44 1.16 0.00
GILBOA___ 23599	28.60 0.94 0.00	25.59 0.89 0.00	25.13 1.01 0.00	25.38 1.09 0.00	25.40 1.09 0.00	25.99 0.90 0.00	30.16 0.94 0.00	32.72 0.95 0.00	34.84 1.01 -0.18	35.01 1.11 -0.17	36.18 1.15 -0.30	36.91 1.14 -0.26	38.96 1.34 -0.28	40.24 1.58 -0.25	41.38 1.81 -0.22	42.30 1.89 -0.22	52.35 2.38 -0.44	53.53 2.24 -0.26	49.56 2.45 0.01	45.24 2.20 0.00	42.22 1.97 0.00	36.37 1.47 0.00	33.26 1.34 0.00	29.44 1.16 0.00
GINNA___ 23603	26.18 -0.80 0.67	23.99 -0.67 0.04	23.09 -0.87 0.16	23.19 -0.92 0.18	22.93 -1.00 0.39	24.00 -0.80 0.29	27.09 -1.08 1.06	29.34 -0.95 1.47	31.25 -0.88 1.52	30.90 -1.08 1.75	32.16 -1.04 1.54	32.86 -1.03 1.63	34.01 -1.34 1.99	35.24 -1.12 2.06	35.61 -1.34 2.40	35.39 -1.57 3.23	42.42 -1.98 5.13	44.57 -2.19 4.25	44.96 -2.17 0.00	41.02 -2.02 0.00	38.40 -1.85 0.00	33.23 -1.67 0.00	30.58 -1.34 0.00	27.29 -0.99 0.00
GLEN PARK___ 23778	28.21 0.44 -0.12	25.00 0.30 -0.01	24.36 0.22 -0.03	24.54 0.22 -0.03	24.65 0.27 -0.07	25.59 0.45 -0.05	30.20 0.79 -0.18	33.06 1.05 -0.25	34.76 0.84 -0.26	34.70 0.67 -0.30	35.77 0.76 -0.26	36.40 0.60 -0.28	38.13 0.45 -0.34	39.24 0.46 -0.35	40.12 0.35 -0.41	41.11 0.36 -0.56	48.88 0.10 0.75	50.21 0.31 1.12	47.18 0.66 0.60	44.12 1.08 0.00	41.42 1.17 0.00	35.88 0.98 0.00	32.78 0.86 0.00	28.82 0.54 0.00
GLENDALE_27_KV_LOAD 356172	30.29 2.63 -0.01	26.75 2.05 -0.01	26.23 2.10 -0.01	26.31 2.02 -0.01	26.29 1.97 -0.01	27.12 2.03 0.00	32.08 2.63 -0.22	35.95 2.83 -1.36	40.92 3.10 -4.17	41.33 3.34 -4.27	43.30 3.44 -5.12	45.67 3.45 -6.71	48.13 3.73 -7.06	50.29 4.19 -7.68	51.59 4.60 -7.63	52.81 4.70 -7.92	71.45 5.94 -15.97	73.53 6.28 -16.24	65.54 6.13 -12.29	55.74 5.21 -7.49	51.12 4.67 -6.21	41.86 3.91 -3.05	42.13 3.77 -6.44	33.76 3.25 -2.23
GLENWOOD_IC_1_G5 23712	30.12 2.46 0.00	26.60 1.90 0.00	26.05 1.93 0.00	26.14 1.85 0.00	26.09 1.77 0.00	27.02 1.93 0.00	31.78 2.34 -0.21	35.55 2.45 -1.34	39.61 2.36 -3.60	40.58 2.63 -4.22	41.60 2.78 -4.08	43.52 2.98 -5.02	45.72 3.14 -5.25	49.44 3.65 -7.37	51.10 4.17 -7.57	52.52 4.46 -7.86	70.88 5.50 -15.85	72.94 5.82 -16.10	68.86 6.17 -15.56	55.49 5.04 -7.42	50.50 4.11 -6.15	52.80 3.87 -14.02	37.65 3.06 -2.67	33.68 3.20 -2.20
GLENWOOD_IC_2_G1 23688	29.98 2.32 0.00	26.48 1.78 0.00	25.93 1.81 0.00	26.04 1.75 0.00	26.01 1.70 0.00	26.90 1.81 0.00	31.66 2.22 -0.21	35.42 2.32 -1.34	40.08 2.29 -4.13	40.49 2.53 -4.23	42.48 2.68 -5.07	45.05 2.88 -6.66	47.51 3.17 -7.00	49.81 3.77 -7.63	51.14 4.21 -7.57	52.51 4.46 -7.86	70.73 5.35 -15.85	72.68 5.56 -16.10	65.28 5.89 -12.27	55.11 4.65 -7.42	50.46 4.06 -6.15	41.81 3.60 -3.31	37.66 3.00 -2.74	33.42 2.94 -2.20
GLENWOOD_IC_3_G1 23689	29.98 2.32 0.00	26.48 1.78 0.00	25.93 1.81 0.00	26.04 1.75 0.00	26.01 1.70 0.00	26.90 1.81 0.00	31.66 2.22 -0.21	35.42 2.32 -1.34	40.08 2.29 -4.13	40.49 2.53 -4.23	42.48 2.68 -5.07	45.05 2.88 -6.66	47.51 3.17 -7.00	49.81 3.77 -7.63	51.14 4.21 -7.57	52.51 4.46 -7.86	70.73 5.35 -15.85	72.68 5.56 -16.10	65.28 5.89 -12.27	55.11 4.65 -7.42	50.46 4.06 -6.15	41.81 3.60 -3.31	37.66 3.00 -2.74	33.42 2.94 -2.20
GLENWOOD___4 23550	30.12 2.46 0.00	26.60 1.90 0.00	26.05 1.93 0.00	26.14 1.85 0.00	26.09 1.77 0.00	27.02 1.93 0.00	31.78 2.34 -0.21	35.55 2.45 -1.34	39.61 2.36 -3.60	40.58 2.63 -4.22	41.60 2.78 -4.08	43.52 2.98 -5.02	45.76 3.17 -5.25	49.48 3.69 -7.37	51.14 4.21 -7.57	52.56 4.50 -7.86	70.93 5.55 -15.85	72.99 5.87 -16.10	68.95 6.27 -15.56	55.54 5.08 -7.42	50.54 4.15 -6.15	52.80 3.87 -14.02	37.65 3.06 -2.67	33.68 3.20 -2.20
GLENWOOD___5 23614	30.12 2.46 0.00	26.60 1.90 0.00	26.05 1.93 0.00	26.14 1.85 0.00	26.09 1.77 0.00	27.02 1.93 0.00	31.78 2.34 -0.21	35.55 2.45 -1.34	39.61 2.36 -3.60	40.58 2.63 -4.22	41.60 2.78 -4.08	43.52 2.98 -5.02	45.76 3.17 -5.25	49.48 3.69 -7.37	51.14 4.21 -7.57	52.56 4.50 -7.86	70.93 5.55 -15.85	72.99 5.87 -16.10	68.95 6.27 -15.56	55.54 5.08 -7.42	50.54 4.15 -6.15	52.80 3.87 -14.02	37.65 3.06 -2.67	33.68 3.20 -2.20
GLOBAL GREEN_PORT_GT1 23814	29.73 2.08 0.00	26.23 1.53 0.00	25.67 1.55 0.00	25.75 1.46 0.00	25.62 1.31 0.00	26.67 1.58 0.00	29.04 1.99 2.18	30.96 1.94 2.74	34.21 1.31 0.75	28.31 1.59 7.00	37.98 1.84 -1.40	39.61 2.38 -1.72	40.23 2.76 -0.13	48.33 3.42 -6.49	50.94 4.02 -7.57	52.74 4.70 -7.85	70.33 4.95 -15.85	72.58 5.46 -16.10	66.59 6.69 -12.78	55.41 4.95 -7.42	50.90 4.51 -6.14	44.01 4.12 -4.99	37.07 2.62 -2.53	33.99 3.51 -2.20
GLOBE___DSASP 323697	27.05 0.03 0.63	24.86 0.20 0.04	24.07 0.10 0.15	24.19 0.07 0.17	23.80 -0.15 0.36	25.05 0.23 0.27	27.82 -0.41 1.00	29.65 -0.73 1.38	31.68 -0.54 1.43	31.10 -0.98 1.64	32.80 -0.49 1.45	33.52 -0.46 1.53	34.54 -0.93 1.87	35.71 -0.77 1.94	36.07 -1.02 2.26	35.66 -1.49 3.04	42.68 -2.03 4.83	45.03 -1.99 4.00	45.29 -1.84 -0.01	41.28 -1.76 0.00	38.60 -1.65 0.00	33.37 -1.54 0.00	31.12 -0.80 0.00	28.37 0.08 0.00
GOETHSLN___LBMP 323567	29.95 2.30 0.00	26.42 1.73 0.00	25.93 1.81 0.00	26.01 1.72 0.00	25.99 1.68 0.00	26.82 1.73 0.00	31.72 2.28 -0.21	35.56 2.45 -1.35	40.51 2.69 -4.17	40.92 2.93 -4.26	42.80 2.95 -5.11	45.14 2.91 -6.71	44.65 3.17 -4.14	45.15 3.65 -3.08	45.27 4.09 -1.82	45.79 4.22 -1.38	53.47 5.35 1.41	55.54 5.66 1.14	47.58 5.56 5.10	46.74 4.73 1.04	45.74 4.11 -1.38	41.30 3.35 -3.04	38.04 3.35 -2.77	33.36 2.86 -2.22
GOLAH___69_KV_TB 1_2 80279	27.81 0.83 0.68	25.47 0.81 0.04	24.52 0.55 0.16	24.62 0.51 0.18	24.31 0.39 0.39	25.53 0.73 0.29	28.75 0.58 1.07	31.05 0.76 1.48	33.77 1.65 1.54	32.98 1.01 1.76	34.51 1.32 1.55	35.15 1.28 1.64	36.27 0.93 2.00	37.49 1.15 2.08	38.00 1.06 2.42	37.14 0.20 3.26	44.51 0.15 5.17	46.94 0.20 4.28	47.22 0.09 0.00	43.13 0.09 0.00	40.45 0.20 0.00	35.04 0.14 0.00	32.37 0.45 0.00	29.05 0.76 0.00

GOODYEAR_LAKE_HYD 323669	29.43 1.77 0.00	26.25 1.56 0.00	25.66 1.54 0.00	25.84 1.55 0.00	25.89 1.58 0.00	26.72 1.63 0.00	31.30 2.08 0.00	34.08 2.32 0.00	36.18 2.52 0.00	36.25 2.53 0.00	37.27 2.54 0.00	38.34 2.66 -0.16	40.10 2.76 0.00	41.45 3.04 0.00	42.62 3.27 0.00	43.44 3.26 0.00	53.55 4.01 0.00	55.25 4.23 0.00	51.38 4.24 -0.01	46.96 3.92 0.00	43.75 3.50 0.00	37.66 2.76 0.00	34.47 2.55 0.00	30.43 2.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.21 0.72 0.17	25.33 0.64 0.01	24.68 0.60 0.04	24.85 0.61 0.05	24.77 0.56 0.10	25.67 0.65 0.07	29.78 0.82 0.27	32.32 0.92 0.37	34.41 1.01 0.25	34.36 0.94 0.31	35.65 1.08 0.16	36.48 1.14 0.18	38.17 1.12 0.29	39.39 1.31 0.33	40.29 1.38 0.44	40.87 1.33 0.64	50.21 1.63 0.95	51.94 1.79 0.87	49.16 2.03 -0.01	44.89 1.85 0.00	41.82 1.57 0.00	36.06 1.15 0.00	33.10 1.18 0.00	29.36 1.07 0.00
GOUDEY___7 23579	28.24 0.75 0.17	25.35 0.67 0.01	24.71 0.63 0.04	24.85 0.61 0.05	24.80 0.58 0.10	25.69 0.68 0.07	29.81 0.85 0.27	32.35 0.95 0.37	34.45 1.04 0.25	34.39 0.98 0.31	35.68 1.11 0.16	36.51 1.17 0.18	38.20 1.16 0.29	39.47 1.38 0.33	40.33 1.42 0.44	40.91 1.37 0.64	50.31 1.73 0.95	51.99 1.84 0.87	49.25 2.12 -0.01	44.93 1.89 0.00	41.86 1.61 0.00	36.09 1.19 0.00	33.13 1.21 0.00	29.39 1.10 0.00
GOUDEY___8 23580	28.21 0.72 0.17	25.33 0.64 0.01	24.68 0.60 0.04	24.85 0.61 0.05	24.77 0.56 0.10	25.67 0.65 0.07	29.78 0.82 0.27	32.32 0.92 0.37	34.41 1.01 0.25	34.36 0.94 0.31	35.65 1.08 0.16	36.48 1.14 0.18	38.17 1.12 0.29	39.39 1.31 0.33	40.29 1.38 0.44	40.87 1.33 0.64	50.21 1.63 0.95	51.94 1.79 0.87	49.16 2.03 -0.01	44.89 1.85 0.00	41.82 1.57 0.00	36.06 1.15 0.00	33.10 1.18 0.00	29.36 1.07 0.00
GOWANUS_GT1_1 24077	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT1_2 24078	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT1_3 24079	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT1_4 24080	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT1_5 24084	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT1_6 24111	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT1_7 24112	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT1_8 24113	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT2_1 24114	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
GOWANUS_GT2_2 24115	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
GOWANUS_GT2_3 24116	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23

GOWANUS_GT2_4 24117	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
GOWANUS_GT2_5 24118	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
GOWANUS_GT2_6 24119	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
GOWANUS_GT2_7 24120	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
GOWANUS_GT2_8 24121	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
GOWANUS_GT3_1 24122	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
GOWANUS_GT3_2 24123	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
GOWANUS_GT3_3 24124	30.35 2.68 -0.01	26.80 2.																						

GOWANUS_GT4_3 24132	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT4_4 24133	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT4_5 24134	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT4_6 24135	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT4_7 24136	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GOWANUS_GT4_8 24137	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GREENBSH_115KV_TB3 55895	28.35 0.69 0.00	25.39 0.69 0.00	24.84 0.72 0.00	25.02 0.73 0.00	25.06 0.75 0.00	25.74 0.65 0.00	29.84 0.61 0.00	32.11 0.35 0.00	33.57 0.37 0.45	33.77 0.47 0.43	34.44 0.45 0.75	35.29 0.46 0.69	37.24 0.60 0.70	38.52 0.73 0.63	39.71 0.91 0.55	40.67 1.04 0.56	49.75 1.34 1.12	51.83 1.48 0.67	48.77 1.65 0.00	44.68 1.64 0.00	41.66 1.41 0.00	35.85 0.94 0.00	32.69 0.77 0.00	28.88 0.59 0.00
GREENDGE_115KV_TB5 80291	28.02 0.75 0.38	25.39 0.72 0.02	24.63 0.60 0.09	24.77 0.58 0.10	24.60 0.51 0.22	25.73 0.80 0.16	29.68 1.05 0.60	32.17 1.24 0.84	34.13 1.35 0.87	33.84 1.11 1.00	35.11 1.25 0.88	35.90 1.31 0.93	37.25 1.05 1.13	38.28 1.04 1.18	38.89 0.91 1.37	39.11 0.76 1.84	47.65 1.04 2.92	49.82 1.22 2.42	48.78 1.65 -0.01	44.59 1.55 0.00	41.54 1.29 0.00	36.06 1.15 0.00	33.17 1.24 0.00	29.47 1.19 0.00
GREENIDGE___3 23582	28.02 0.75 0.38	25.39 0.72 0.02	24.63 0.60 0.09	24.77 0.58 0.10	24.60 0.51 0.22	25.73 0.80 0.16	29.68 1.05 0.60	32.17 1.24 0.84	34.13 1.35 0.87	33.84 1.11 1.00	35.11 1.25 0.88	35.90 1.31 0.93	37.25 1.05 1.13	38.28 1.04 1.18	38.89 0.91 1.37	39.11 0.76 1.84	47.65 1.04 2.92	49.82 1.22 2.42	48.78 1.65 -0.01	44.59 1.55 0.00	41.54 1.29 0.00	36.06 1.15 0.00	33.17 1.24 0.00	29.47 1.19 0.00
GREENIDGE___4 23583	28.02 0.75 0.38	25.39 0.72 0.02	24.63 0.60 0.09	24.77 0.58 0.10	24.60 0.51 0.22	25.73 0.80 0.16	29.68 1.05 0.60	32.16 1.24 0.84	34.20 1.41 0.87	33.88 1.15 1.00	35.08 1.22 0.88	35.86 1.28 0.93	37.18 0.97 1.13	38.40 1.15 1.18	38.89 0.91 1.37	39.11 0.76 1.84	47.65 1.04 2.92	49.82 1.22 2.42	48.78 1.65 -0.01	44.59 1.55 0.00	41.54 1.29 0.00	35.99 1.08 0.00	33.16 1.24 0.00	29.44 1.16 0.00
GREENLWN_69_KV_BK 3 55738	30.09 2.43 0.00	26.52 1.83 0.00	25.98 1.86 0.00	26.06 1.77 0.00	25.99 1.68 0.00	26.97 1.88 0.00	31.56 1.81 -0.52	35.38 1.75 -1.87	38.14 1.31 -3.17	40.21 1.59 -4.90	38.66 1.67 -2.25	39.42 2.06 -1.85	40.04 2.35 -0.35	47.88 2.80 -6.66	50.27 3.35 -7.57	51.82 3.78 -7.85	69.94 4.56 -15.85	72.07 4.95 -16.10	65.89 5.84 -12.93	54.93 4.48 -7.42	49.69 3.30 -6.14	43.90 3.53 -5.47	36.72 2.27 -2.53	33.76 3.28 -2.20
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23
GRISSOM___SOLAR 323813	31.83 4.18 0.00	28.52 3.83 0.00	27.74 3.62 0.00	27.93 3.64 0.00	27.98 3.67 0.00	29.10 4.01 0.00	34.31 5.09 0.00	37.19 5.43 0.00	39.07 5.65 0.24	38.93 5.43 0.22	39.31 4.97 0.39	40.20 5.04 0.35	42.35 5.38 0.37	43.58 5.49 0.33	44.69 5.63 0.29	45.88 5.99 0.30	56.77 7.82 0.59	60.26 9.59 0.35	56.74 9.61 -0.01	52.30 9.26 0.00	48.62 8.37 0.00	41.54 6.63 0.00	37.73 5.81 0.00	32.98 4.70 0.00
GROVEVILLE___HYD 323602	29.81 2.16 0.00	26.40 1.70 0.00	25.88 1.76 0.00	25.97 1.68 0.00	25.94 1.63 0.00	26.77 1.68 0.00	31.22 1.99 0.00	33.89 2.13 0.00	36.79 2.36 -0.78	37.10 2.63 -0.74	38.78 2.74 -1.30	39.90 2.88 -1.51	41.76 3.21 -1.21	43.20 3.69 -1.09	44.48 4.17 -0.96	45.43 4.26 -0.98	56.97 5.50 -1.94	57.95 5.77 -1.16	52.96 5.70 -0.13	47.99 4.95 0.00	44.56 4.31 0.00	38.15 3.25 0.00	34.92 3.00 0.00	30.86 2.57 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.85 0.19 0.00	24.84 0.15 0.00	24.24 0.12 0.00	24.39 0.10 0.00	24.38 0.07 0.00	25.24 0.15 0.00	29.49 0.26 0.00	32.08 0.32 0.00	34.02 0.37 0.00	34.03 0.30 0.00	35.12 0.38 0.00	35.94 0.43 0.00	37.71 0.37 0.00	38.88 0.46 0.00	39.75 0.39 0.00	40.51 0.32 0.00	49.98 0.45 0.00	51.53 0.51 0.00	47.69 0.57 0.00	43.56 0.52 0.00	40.65 0.40 0.00	35.11 0.21 0.00	32.24 0.32 0.00	28.57 0.28 0.00

HAMLTNNY_34_KV_TB 80303	27.93 0.28 0.00	24.94 0.25 0.00	24.31 0.19 0.00	24.46 0.17 0.00	24.46 0.15 0.00	25.34 0.25 0.00	29.58 0.35 0.00	32.21 0.44 0.00	34.16 0.50 0.00	34.16 0.44 0.00	35.22 0.49 0.00	36.05 0.53 0.00	37.82 0.49 0.00	39.00 0.58 0.00	39.86 0.51 0.00	40.63 0.44 0.00	50.13 0.59 0.00	51.68 0.66 0.00	47.88 0.75 0.00	43.69 0.65 0.00	40.77 0.52 0.00	35.25 0.35 0.00	32.34 0.41 0.00	28.68 0.40 0.00
HAMPSHIRE___PAPER_HYD 323593	27.43 -0.22 0.00	24.50 -0.20 0.00	23.81 -0.31 0.00	24.00 -0.29 0.00	24.04 -0.27 0.00	24.94 -0.15 0.00	29.23 0.00 0.00	32.02 0.25 0.00	33.72 0.07 0.00	33.49 -0.23 0.00	34.53 -0.21 0.00	35.34 -0.18 0.00	37.08 -0.26 0.00	38.03 -0.38 0.00	38.88 -0.47 0.00	39.63 -0.56 0.00	43.69 -1.24 4.60	44.24 -1.58 5.20	44.08 -1.37 1.68	42.05 -0.99 0.00	39.77 -0.48 0.00	34.77 -0.14 0.00	31.76 -0.16 0.00	28.03 -0.26 0.00
HARDSCRABBLE_WT_PWR 323673	27.91 0.25 0.00	24.89 0.20 0.00	24.31 0.19 0.00	24.48 0.19 0.00	24.53 0.22 0.00	25.29 0.20 0.00	29.49 0.26 0.00	31.99 0.22 0.00	33.86 0.20 0.00	33.86 0.14 0.00	34.88 0.14 0.00	35.69 0.18 0.00	37.45 0.11 0.00	38.61 0.19 0.00	39.59 0.24 0.00	40.35 0.16 0.00	50.21 0.25 -0.42	51.75 0.26 -0.48	47.51 0.24 -0.15	43.34 0.30 0.00	40.53 0.28 0.00	35.15 0.25 0.00	32.24 0.32 0.00	28.54 0.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.70 2.05 0.00	26.30 1.61 0.00	25.76 1.64 0.00	25.80 1.51 0.00	25.79 1.48 0.00	26.62 1.53 0.00	30.75 1.84 0.32	31.72 1.97 2.01	31.79 2.19 4.05	31.85 2.43 4.30	33.24 2.54 4.04	33.24 2.63 4.91	33.13 2.95 7.16	33.42 3.42 8.42	34.53 3.90 8.72	35.12 4.02 9.09	36.25 5.15 18.43	35.46 5.41 20.97	34.50 5.32 17.94	36.51 4.61 11.14	34.96 3.94 9.23	33.38 3.00 4.52	30.58 2.78 4.12	27.39 2.40 3.30
HARSNRAD_115KV_TB1 81005	27.41 0.39 0.63	25.15 0.49 0.04	24.31 0.34 0.15	24.44 0.32 0.17	24.04 0.10 0.36	25.37 0.55 0.27	28.41 0.18 1.00	30.39 0.00 1.38	32.53 0.30 1.43	31.95 -0.13 1.64	33.61 0.31 1.44	34.31 0.32 1.53	35.47 0.00 1.86	36.67 0.19 1.94	37.10 0.00 2.26	36.67 -0.48 3.03	43.92 -0.79 4.82	46.31 -0.71 3.99	46.61 -0.52 -0.01	42.48 -0.56 0.00	39.69 -0.56 0.00	34.31 -0.59 0.00	31.92 0.00 0.00	28.93 0.65 0.00
HARZA MOOSE___RIVER 24016	28.18 0.53 0.00	25.09 0.40 0.00	24.48 0.36 0.00	24.65 0.36 0.00	24.70 0.39 0.00	25.59 0.50 0.00	29.99 0.76 0.00	32.75 0.98 0.00	34.66 1.01 0.00	34.60 0.88 0.00	35.75 1.01 0.00	36.44 0.92 0.00	38.20 0.86 0.00	39.34 0.92 0.00	40.26 0.91 0.00	41.03 0.84 0.00	49.46 0.89 0.97	50.85 0.92 1.09	47.81 1.04 0.35	44.20 1.16 0.00	41.42 1.17 0.00	35.85 0.94 0.00	32.75 0.83 0.00	28.85 0.57 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.36 0.03 0.32	24.70 0.02 0.02	24.04 0.00 0.08	24.18 -0.02 0.09	24.08 -0.05 0.19	24.98 0.03 0.14	28.81 0.09 0.51	31.18 0.13 0.71	33.06 0.13 0.73	32.95 0.07 0.84	34.10 0.10 0.74	34.87 0.14 0.78	36.50 0.11 0.95	37.62 0.19 0.99	38.36 0.16 1.15	38.72 0.08 1.55	47.17 0.10 2.47	49.13 0.15 2.04	47.36 0.24 0.00	43.21 0.17 0.00	40.33 0.08 0.00	34.83 -0.07 0.00	31.98 0.06 0.00	28.43 0.14 0.00
HELLGATE_13_KV_LD 55870	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.24 1.94 -0.01	26.21 1.90 -0.01	27.02 1.93 0.00	31.96 2.51 -0.22	35.82 2.70 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.12 3.27 -5.12	45.46 3.23 -6.71	47.90 3.51 -7.06	50.06 3.96 -7.68	51.32 4.33 -7.63	52.53 4.42 -7.92	71.06 5.55 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.39 4.86 -7.49	50.80 4.35 -6.21	41.69 3.73 -3.05	41.96 3.61 -6.44	33.62 3.11 -2.23
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.24 1.94 -0.01	26.21 1.90 -0.01	27.02 1.93 0.00	31.96 2.51 -0.22	35.82 2.70 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.12 3.27 -5.12	45.46 3.23 -6.71	47.90 3.51 -7.06	50.06 3.96 -7.68	51.32 4.33 -7.63	52.53 4.42 -7.92	71.06 5.55 -15.97	73.13 5.87 -16.24	65.11 5.70 -12.29	55.39 4.86 -7.49	50.80 4.35 -6.21	41.69 3.73 -3.05	41.96 3.61 -6.44	33.62 3.11 -2.23
HEMPSTEAD____ 23647	30.01 2.35 0.00	26.48 1.78 0.00	25.93 1.81 0.00	26.01 1.72 0.00	25.94 1.63 0.00	26.90 1.81 0.00	31.63 2.19 -0.21	35.29 2.19 -1.34	38.92 1.92 -3.35	40.11 2.16 -4.22	40.65 2.33 -3.58	42.28 2.56 -4.20	44.46 2.88 -4.25	49.14 3.50 -7.22	50.98 4.05 -7.57	52.52 4.46 -7.87	70.33 4.95 -15.85	72.27 5.15 -16.10	68.75 5.99 -15.65	54.76 4.30 -7.42	50.10 3.70 -6.15	52.94 3.74 -14.30	37.27 2.71 -2.63	33.56 3.08 -2.20
HEWLETT_69_KV_BK3 55828	30.31 2.66 0.00	26.75 2.05 0.00	26.20 2.07 0.00	26.28 1.99 0.00	26.18 1.87 0.00	27.17 2.08 0.00	31.92 2.48 -0.21	35.67 2.57 -1.34	39.67 2.25 -3.76	40.51 2.56 -4.22	42.25 2.74 -4.77	44.63 2.95 -6.17	49.96 3.29 -9.34	50.02 3.61 -7.99	51.10 4.17 -7.57	52.68 4.58 -7.91	70.93 5.55 -15.85	73.09 5.97 -16.10	75.66 6.69 -21.85	55.80 5.34 -7.42	50.54 4.15 -6.15	73.60 4.29 -34.41	37.70 3.06 -2.72	34.05 3.56 -2.20
HICKLING___1 23621	28.04 0.69 0.31	25.35 0.67 0.02	24.63 0.58 0.07	24.77 0.56 0.08	24.62 0.49 0.18	25.73 0.78 0.13	29.70 0.96 0.49	32.20 1.11 0.68	34.33 1.28 0.60	34.09 1.08 0.71	35.55 1.35 0.54	36.40 1.46 0.57	37.89 1.31 0.76	39.11 1.50 0.81	39.79 1.42 0.98	40.07 1.25 1.36	48.96 1.54 2.11	50.94 1.73 1.81	49.44 2.31 -0.01	45.15 2.11 0.00	41.98 1.73 0.00	36.20 1.29 0.00	33.32 1.40 0.00	29.70 1.41 0.00
HICKLING___2 23622	28.04 0.69 0.31	25.35 0.67 0.02	24.63 0.58 0.07	24.77 0.56 0.08	24.62 0.49 0.18	25.73 0.78 0.13	29.70 0.96 0.49	32.20 1.11 0.68	34.33 1.28 0.60	34.09 1.08 0.71	35.55 1.35 0.54	36.40 1.46 0.57	37.89 1.31 0.76	39.11 1.50 0.81	39.79 1.42 0.98	40.07 1.25 1.36	48.96 1.54 2.11	50.94 1.73 1.81	49.44 2.31 -0.01	45.15 2.11 0.00	41.98 1.73 0.00	36.20 1.29 0.00	33.32 1.40 0.00	29.70 1.41 0.00
HIGH FALLS___HY 23754	29.84 2.18 0.00	26.35 1.65 0.00	25.83 1.71 0.00	25.92 1.63 0.00	25.87 1.56 0.00	26.72 1.63 0.00	31.17 1.99 0.05	33.71 2.26 0.31	35.93 2.52 0.25	36.12 2.70 0.31	37.51 2.78 0.00	39.29 2.84 -0.93	39.95 3.14 0.52	41.34 3.69 0.77	42.72 4.25 0.88	43.64 4.38 0.93	53.33 5.70 1.90	54.39 6.02 2.65	50.42 5.98 2.69	46.50 5.16 1.70	43.31 4.47 1.41	37.56 3.35 0.69	34.45 3.16 0.63	30.47 2.69 0.50
HILLBURN___GT 23639	29.70 2.05 0.00	26.30 1.60 0.00	25.76 1.64 0.00	25.77 1.48 0.00	25.77 1.46 0.00	26.59 1.51 0.00	30.74 1.87 0.36	31.45 1.97 2.29	31.11 2.16 4.70	31.10 2.36 4.98	32.49 2.50 4.75	32.41 2.70 5.80	32.03 2.99 8.29	32.27 3.57 9.72	33.21 3.90 10.04	33.74 4.02 10.47	33.42 5.10 21.22	32.37 5.36 24.01	31.91 5.23 20.44	34.76 4.39 12.68	33.64 3.90 10.51	32.76 3.00 5.15	30.04 2.81 4.69	26.93 2.40 3.75

HILLSIDE_115KV_TB1 80332	27.70 0.33 0.29	25.03 0.35 0.02	24.32 0.27 0.07	24.45 0.24 0.08	24.31 0.17 0.17	25.37 0.40 0.12	29.27 0.50 0.46	31.73 0.60 0.64	33.81 0.71 0.56	33.61 0.54 0.66	35.05 0.80 0.49	35.85 0.85 0.52	37.39 0.75 0.70	38.59 0.92 0.75	39.35 0.91 0.91	39.68 0.76 1.27	48.51 0.94 1.96	50.40 1.07 1.69	48.87 1.74 -0.01	44.59 1.55 0.00	41.42 1.17 0.00	35.71 0.80 0.00	32.88 0.96 0.00	29.27 0.99 0.00
HISHELDN_WT_PWR 323625	27.44 0.33 0.55	25.11 0.44 0.03	24.33 0.34 0.13	24.51 0.36 0.15	24.19 0.19 0.32	25.48 0.63 0.23	28.83 0.47 0.87	30.97 0.41 1.20	33.12 0.71 1.25	32.67 0.37 1.43	34.14 0.66 1.26	34.96 0.78 1.33	36.09 0.37 1.62	37.58 0.84 1.69	37.86 0.47 1.96	37.67 0.12 2.64	45.34 0.00 4.20	47.70 0.15 3.48	47.84 0.71 -0.01	43.64 0.60 0.00	40.61 0.36 0.00	34.94 0.03 0.00	32.56 0.64 0.00	29.33 1.05 0.00
HOLTSVILLE_IC_1 23690	29.73 2.08 0.00	26.20 1.51 0.00	25.67 1.55 0.00	25.72 1.43 0.00	25.65 1.34 0.00	26.67 1.58 0.00	29.06 2.02 2.19	30.91 1.91 2.76	34.13 1.25 0.77	34.13 1.48 1.08	37.69 1.56 -1.39	39.03 1.81 -1.70	39.58 2.13 -0.11	47.55 2.65 -6.49	50.08 3.15 -7.57	51.82 3.78 -7.85	69.14 3.76 -15.85	71.20 4.08 -16.10	65.17 5.28 -12.77	54.16 3.70 -7.42	49.73 3.34 -6.14	43.16 3.32 -4.94	36.59 2.14 -2.53	33.45 2.97 -2.20
HOLTSVILLE_IC_10 23699	29.90 2.24 0.00	26.35 1.65 0.00	25.78 1.66 0.00	25.85 1.56 0.00	25.77 1.46 0.00	26.80 1.71 0.00	29.30 2.16 2.09	31.23 2.06 2.60	34.48 1.45 0.62	35.62 1.69 -0.21	37.96 1.77 -1.45	39.29 2.02 -1.75	39.89 2.35 -0.20	47.84 2.92 -6.50	50.35 3.42 -7.57	52.10 4.06 -7.85	69.44 4.06 -15.85	71.56 4.44 -16.10	65.60 5.65 -12.83	54.50 4.04 -7.42	50.02 3.62 -6.14	43.61 3.56 -5.14	36.78 2.33 -2.53	33.65 3.17 -2.20
HOLTSVILLE_IC_2 23691	29.73 2.08 0.00	26.20 1.51 0.00	25.67 1.55 0.00	25.72 1.43 0.00	25.65 1.34 0.00	26.67 1.58 0.00	29.06 2.02 2.19	30.91 1.91 2.76	34.13 1.25 0.77	34.13 1.48 1.08	37.69 1.56 -1.39	39.03 1.81 -1.70	39.58 2.13 -0.11	47.55 2.65 -6.49	50.08 3.15 -7.57	51.82 3.78 -7.85	69.14 3.76 -15.85	71.20 4.08 -16.10	65.17 5.28 -12.77	54.16 3.70 -7.42	49.73 3.34 -6.14	43.16 3.32 -4.94	36.59 2.14 -2.53	33.45 2.97 -2.20
HOLTSVILLE_IC_3 23692	29.73 2.08 0.00	26.20 1.51 0.00	25.67 1.55 0.00	25.72 1.43 0.00	25.65 1.34 0.00	26.67 1.58 0.00	29.06 2.02 2.19	30.91 1.91 2.76	34.13 1.25 0.77	34.13 1.48 1.08	37.69 1.56 -1.39	39.03 1.81 -1.70	39.58 2.13 -0.11	47.55 2.65 -6.49	50.08 3.15 -7.57	51.82 3.78 -7.85	69.14 3.76 -15.85	71.20 4.08 -16.10	65.17 5.28 -12.77	54.16 3.70 -7.42	49.73 3.34 -6.14	43.16 3.32 -4.94	36.59 2.14 -2.53	33.45 2.97 -2.20
HOLTSVILLE_IC_4 23693	29.73 2.08 0.00	26.20 1.51 0.00	25.67 1.55 0.00	25.72 1.43 0.00	25.65 1.34 0.00	26.67 1.58 0.00	29.06 2.02 2.19	30.91 1.91 2.76	34.13 1.25 0.77	34.13 1.48 1.08	37.69 1.56 -1.39	39.03 1.81 -1.70	39.58 2.13 -0.11	47.55 2.65 -6.49	50.08 3.15 -7.57	51.82 3.78 -7.85	69.14 3.76 -15.85	71.20 4.08 -16.10	65.17 5.28 -12.77	54.16 3.70 -7.42	49.73 3.34 -6.14	43.16 3.32 -4.94	36.59 2.14 -2.53	33.45 2.97 -2.20
HOLTSVILLE_IC_5 23694	29.73 2.08 0.00	26.20 1.51 0.00	25.67 1.55 0.00	25.72 1.43 0.00	25.65 1.34 0.00	26.67 1.58 0.00	29.06 2.02 2.19	30.91 1.91 2.76	34.13 1.25 0.77	34.13 1.48 1.08	37.69 1.56 -1.39	39.03 1.81 -1.70	39.58 2.13 -0.11	47.55 2.65 -6.49	50.08 3.15 -7.57	51.82 3.78 -7.85	69.14 3.76 -15.85	71.20 4.08 -16.10	65.17 5.28 -12.77	54.16 3.70 -7.42	49.73 3.34 -6.14	43.16 3.32 -4.94	36.59 2.14 -2.53	33.45 2.97 -2.20
HOLTSVILLE_IC_6 23695	29.90 2.24 0.00	26.35 1.65 0.00	25.78 1.66 0.00	25.85 1.56 0.00	25.77 1.46 0.00	26.80 1.71 0.00	29.30 2.16 2.09	31.23 2.06 2.60	34.48 1.45 0.62	35.62 1.69 -0.21	37.96 1.77 -1.45	39.29 2.02 -1.75	39.89 2.35 -0.20	47.84 2.92 -6.50	50.35 3.42 -7.57	52.10 4.06 -7.85	69.44 4.06 -15.85	71.56 4.44 -16.10	65.60 5.65 -12.83	54.50 4.04 -7.42	50.02 3.62 -6.14	43.61 3.56 -5.14	36.78 2.33 -2.53	33.65 3.17 -2.20
HOLTSVILLE_IC_7 23696	29.90 2.24 0.00	26.35 1.65 0.00	25.78 1.66 0.00	25.85 1.56 0.00	25.77 1.46 0.00	26.80 1.71 0.00	29.30 2.16 2.09	31.23 2.06 2.60	34.48 1.45 0.62	35.62 1.69 -0.21	37.96 1.77 -1.45	39.29 2.02 -1.75	39.89 2.35 -0.20	47.84 2.92 -6.50	50.35 3.42 -7.57	52.10 4.06 -7.85	69.44 4.06 -15.85	71.56 4.44 -16.10	65.60 5.65 -12.83	54.50 4.04 -7.42	50.02 3.62 -6.14	43.61 3.56 -5.14	36.78 2.33 -2.53	33.65 3.17 -2.20
HOLTSVILLE_IC_8 23697	29.90 2.24 0.00	26.35 1.65 0.00	25.78 1.66 0.00	25.85 1.56 0.00	25.77 1.46 0.00	26.80 1.71 0.00	29.30 2.16 2.09	31.23 2.06 2.60	34.48 1.45 0.62	35.62 1.69 -0.21	37.96 1.77 -1.45	39.29 2.02 -1.75	39.89 2.35 -0.20	47.84 2.92 -6.50	50.35 3.42 -7.57	52.10 4.06 -7.85	69.44 4.06 -15.85	71.56 4.44 -16.10	65.60 5.65 -12.83	54.50 4.04 -7.42	50.02 3.62 -6.14	43.61 3.56 -5.14	36.78 2.33 -2.53	33.65 3.17 -2.20
HOLTSVILLE_IC_9 23698	29.90 2.24 0.00	26.35 1.65 0.00	25.78 1.66 0.00	25.85 1.56 0.00	25.77 1.46 0.00	26.80 1.71 0.00	29.30 2.16 2.09	31.23 2.06 2.60	34.48 1.45 0.62	35.62 1.69 -0.21	37.96 1.77 -1.45	39.29 2.02 -1.75	39.89 2.35 -0.20	47.84 2.92 -6.50	50.35 3.42 -7.57	52.10 4.06 -7.85	69.44 4.06 -15.85	71.56 4.44 -16.10	65.60 5.65 -12.83	54.50 4.04 -7.42	50.02 3.62 -6.14	43.61 3.56 -5.14	36.78 2.33 -2.53	33.65 3.17 -2.20
HOMER_HL_115KV_TB2 355744	27.07 -0.06 0.53	24.81 0.15 0.03	23.92 -0.07 0.13	24.08 -0.07 0.14	23.79 -0.22 0.30	25.04 0.18 0.22	28.51 0.12 0.83	30.80 0.19 1.15	32.83 0.37 1.20	32.35 0.00 1.37	34.05 0.52 1.21	34.90 0.53 1.14	36.04 0.26 1.56	36.99 0.19 1.62	37.66 0.20 1.89	37.57 -0.08 2.54	45.26 -0.25 4.03	47.48 -0.20 3.34	48.97 1.84 -0.01	44.68 1.64 0.00	41.42 1.17 0.00	35.99 1.08 0.00	33.26 1.34 0.00	29.92 1.64 0.00
HOWARD_WT_PWR 323690	27.77 0.52 0.42	25.29 0.62 0.02	24.58 0.56 0.10	24.83 0.66 0.11	24.63 0.56 0.24	25.92 1.00 0.18	29.77 1.20 0.65	32.22 1.36 0.91	34.36 1.65 0.94	33.96 1.31 1.08	35.28 1.49 0.95	36.29 1.63 0.86	37.34 1.23 1.23	38.80 1.65 1.27	39.17 1.30 1.48	39.20 1.01 2.00	47.60 1.24 3.17	49.87 1.48 2.63	49.39 2.26 -0.01	45.15 2.11 0.00	42.02 1.77 0.00	36.13 1.22 0.00	33.55 1.63 0.00	29.95 1.67 0.00
HQ_GEN_CEDARS 23644	27.05 -0.61 0.00	24.20 -0.49 0.00	23.52 -0.60 0.00	23.71 -0.58 0.00	23.73 -0.58 0.00	24.56 -0.53 0.00	28.67 -0.56 0.00	31.38 -0.38 0.00	33.08 -0.57 0.00	32.98 -0.74 0.00	33.90 -0.83 0.00	34.73 -0.78 0.00	36.44 -0.90 0.00	37.42 -1.00 0.00	38.13 -1.22 0.00	38.90 -1.29 0.00	39.03 -2.28 8.23	39.03 -2.70 9.29	41.44 -2.69 2.99	40.62 -2.41 0.01	39.00 -1.25 0.00	34.14 -0.77 0.00	31.06 -0.86 0.00	27.52 -0.76 0.00

HQ_GEN_CEDARS_PROXY 323590	27.05 -0.61 0.00	24.20 -0.49 0.00	23.52 -0.60 0.00	23.71 -0.58 0.00	23.73 -0.58 0.00	24.56 -0.53 0.00	28.67 -0.56 0.00	31.38 -0.38 0.00	33.08 -0.57 0.00	32.98 -0.74 0.00	33.90 -0.83 0.00	34.73 -0.78 0.00	36.44 -0.90 0.00	37.30 -1.12 0.00	38.13 -1.22 0.00	38.90 -1.29 0.00	39.03 -2.28 8.23	39.03 -2.71 9.28	41.44 -2.68 2.99	40.67 -2.37 0.01	38.96 -1.29 0.00	35.16 -0.80 -1.05	30.01 -0.86 1.05	27.55 -0.74 0.00
HQ_GEN_IMPORT 323601	27.16 -0.50 0.00	24.28 -0.42 0.00	23.66 -0.46 0.00	23.83 -0.46 0.00	23.87 -0.44 0.00	24.66 -0.43 0.00	28.73 -0.50 0.00	31.32 -0.44 0.00	33.11 -0.54 0.00	33.15 -0.57 0.00	34.11 -0.62 0.00	34.91 -0.60 0.00	36.67 -0.67 0.00	37.46 -0.96 0.00	38.37 -0.98 0.00	39.19 -1.00 0.00	46.14 -1.29 2.10	47.27 -1.38 2.37	45.04 -1.32 0.77	41.83 -1.20 0.00	39.28 -0.97 0.00	35.36 -0.59 -1.05	30.26 -0.61 1.05	27.75 -0.54 0.00
HQ_GEN_WHEEL 23651	27.16 -0.50 0.00	24.28 -0.42 0.00	23.66 -0.46 0.00	23.83 -0.46 0.00	23.87 -0.44 0.00	24.66 -0.43 0.00	28.73 -0.50 0.00	31.32 -0.44 0.00	33.11 -0.54 0.00	33.15 -0.57 0.00	34.11 -0.62 0.00	34.91 -0.60 0.00	36.67 -0.67 0.00	37.46 -0.96 0.00	38.37 -0.98 0.00	39.19 -1.00 0.00	46.14 -1.29 2.10	47.27 -1.38 2.37	45.04 -1.32 0.77	41.83 -1.20 0.00	39.28 -0.97 0.00	35.36 -0.59 -1.05	30.26 -0.61 1.05	27.75 -0.54 0.00
HUDSON_AVE_GT_3 23810	30.09 2.43 0.00	26.55 1.85 0.00	26.05 1.93 0.00	26.14 1.85 0.00	26.11 1.80 0.00	26.95 1.86 0.00	31.87 2.43 -0.21	35.72 2.60 -1.35	40.65 2.83 -4.17	41.09 3.10 -4.26	43.01 3.16 -5.11	45.42 3.20 -6.71	47.90 3.51 -7.06	50.10 4.00 -7.69	51.44 4.45 -7.64	52.69 4.58 -7.92	71.36 5.85 -15.98	73.39 6.12 -16.24	65.40 5.98 -12.29	55.65 5.12 -7.49	50.93 4.47 -6.21	41.54 3.60 -3.04	38.20 3.51 -2.77	33.53 3.03 -2.22
HUDSON_AVE_GT_4 23540	30.09 2.43 0.00	26.55 1.85 0.00	26.05 1.93 0.00	26.14 1.85 0.00	26.11 1.80 0.00	26.95 1.86 0.00	31.87 2.43 -0.21	35.72 2.60 -1.35	40.65 2.83 -4.17	41.09 3.10 -4.26	43.01 3.16 -5.11	45.42 3.20 -6.71	47.90 3.51 -7.06	50.10 4.00 -7.69	51.44 4.45 -7.64	52.69 4.58 -7.92	71.36 5.85 -15.98	73.39 6.12 -16.24	65.40 5.98 -12.29	55.65 5.12 -7.49	50.93 4.47 -6.21	41.54 3.60 -3.04	38.20 3.51 -2.77	33.53 3.03 -2.22
HUDSON_AVE_GT_5 23657	30.09 2.43 0.00	26.55 1.85 0.00	26.05 1.93 0.00	26.14 1.85 0.00	26.11 1.80 0.00	26.95 1.86 0.00	31.87 2.43 -0.21	35.72 2.60 -1.35	40.65 2.83 -4.17	41.09 3.10 -4.26	43.01 3.16 -5.11	45.42 3.20 -6.71	47.90 3.51 -7.06	50.10 4.00 -7.69	51.44 4.45 -7.64	52.69 4.58 -7.92	71.36 5.85 -15.98	73.39 6.12 -16.24	65.40 5.98 -12.29	55.65 5.12 -7.49	50.93 4.47 -6.21	41.54 3.60 -3.04	38.20 3.51 -2.77	33.53 3.03 -2.22
HUDSON_AVE_10 24168	30.01 2.35 0.00	26.47 1.78 0.00	25.98 1.86 0.00	26.04 1.75 0.00	26.04 1.73 0.00	26.87 1.78 0.00	31.78 2.34 -0.21	35.62 2.51 -1.35	40.55 2.73 -4.17	40.95 2.97 -4.26	42.87 3.02 -5.11	45.28 3.05 -6.71	47.76 3.36 -7.06	49.95 3.84 -7.69	51.32 4.33 -7.64	52.57 4.46 -7.92	71.21 5.70 -15.98	73.23 5.97 -16.24	65.31 5.89 -12.29	55.52 4.99 -7.49	50.80 4.35 -6.21	41.44 3.49 -3.04	38.11 3.42 -2.77	33.47 2.97 -2.22
HUDSON___115KV_TB 4 355613	28.82 1.16 0.00	25.78 1.09 0.00	25.21 1.09 0.00	25.36 1.07 0.00	25.40 1.09 0.00	26.12 1.03 0.00	30.25 1.02 0.00	32.56 0.79 0.00	34.30 0.91 0.26	34.42 0.94 0.25	35.20 0.90 0.44	35.95 0.82 0.38	37.94 1.01 0.41	39.09 1.04 0.37	40.29 1.26 0.32	41.31 1.45 0.33	50.91 2.03 0.66	53.08 2.45 0.39	49.72 2.59 -0.01	45.67 2.63 0.00	42.50 2.25 0.00	36.47 1.57 0.00	33.20 1.28 0.00	29.30 1.02 0.00
HUNTER MOUNT___DRP 323613	28.85 1.19 0.00	25.86 1.16 0.00	25.23 1.11 0.00	25.41 1.12 0.00	25.43 1.12 0.00	26.14 1.05 0.00	30.19 0.96 0.00	32.46 0.70 0.00	34.46 0.91 0.10	34.57 0.94 0.10	35.47 0.90 0.17	36.26 0.75 0.00	38.18 1.01 0.16	39.23 0.96 0.15	40.37 1.14 0.13	41.42 1.37 0.13	51.26 1.98 0.26	53.41 2.55 0.16	49.74 2.59 -0.02	45.71 2.67 0.00	42.58 2.33 0.00	36.44 1.54 0.00	33.13 1.21 0.00	29.25 0.96 0.00
HUNTINGTON_RES_REC 323705	30.01 2.35 0.00	26.45 1.75 0.00	25.91 1.78 0.00	25.96 1.67 0.00	25.89 1.58 0.00	26.90 1.81 0.00	27.08 1.96 4.11	27.56 1.84 6.04	31.42 1.28 3.51	29.96 1.55 5.31	37.29 1.67 -0.88	39.07 1.78 -1.78	39.66 2.09 -0.23	47.47 2.65 -6.40	50.11 3.19 -7.57	51.86 3.82 -7.85	69.25 3.87 -15.85	71.25 4.13 -16.10	65.29 5.32 -12.85	54.03 3.57 -7.42	49.53 3.14 -6.14	43.35 3.25 -5.20	36.62 2.17 -2.53	33.62 3.14 -2.20
HUNTLEY___63 23557	27.59 0.55 0.62	25.30 0.64 0.04	24.50 0.53 0.15	24.63 0.51 0.17	24.25 0.29 0.36	25.55 0.73 0.26	28.57 0.32 0.98	30.60 0.19 1.35	32.75 0.50 1.41	32.18 0.07 1.61	33.91 0.59 1.42	34.62 0.60 1.50	35.77 0.26 1.83	37.02 0.50 1.90	37.41 0.28 2.21	37.09 -0.12 2.98	44.46 -0.35 4.73	46.79 -0.31 3.92	47.08 -0.05 -0.01	42.87 -0.17 0.00	40.05 -0.20 0.00	34.59 -0.31 0.00	32.14 0.22 0.00	29.16 0.88 0.00
HUNTLEY___64 23558	27.59 0.55 0.62	25.30 0.64 0.04	24.50 0.53 0.15	24.63 0.51 0.17	24.25 0.29 0.36	25.55 0.73 0.26	28.57 0.32 0.98	30.60 0.19 1.35	32.75 0.50 1.41	32.18 0.07 1.61	33.91 0.59 1.42	34.62 0.60 1.50	35.77 0.26 1.83	37.02 0.50 1.90	37.41 0.28 2.21	37.09 -0.12 2.98	44.46 -0.35 4.73	46.79 -0.31 3.92	47.08 -0.05 -0.01	42.87 -0.17 0.00	40.05 -0.20 0.00	34.59 -0.31 0.00	32.14 0.22 0.00	29.16 0.88 0.00
HUNTLEY___65 23559	27.59 0.55 0.62	25.30 0.64 0.04	24.50 0.53 0.15	24.63 0.51 0.17	24.25 0.29 0.36	25.55 0.73 0.26	28.57 0.32 0.98	30.60 0.19 1.35	32.75 0.50 1.41	32.18 0.07 1.61	33.91 0.59 1.42	34.62 0.60 1.50	35.77 0.26 1.83	37.02 0.50 1.90	37.41 0.28 2.21	37.09 -0.12 2.98	44.46 -0.35 4.73	46.79 -0.31 3.92	47.08 -0.05 -0.01	42.87 -0.17 0.00	40.05 -0.20 0.00	34.59 -0.31 0.00	32.14 0.22 0.00	29.16 0.88 0.00
HUNTLEY___66 23560	27.59 0.55 0.62	25.30 0.64 0.04	24.50 0.53 0.15	24.63 0.51 0.17	24.25 0.29 0.36	25.55 0.73 0.26	28.57 0.32 0.98	30.60 0.19 1.35	32.75 0.50 1.41	32.18 0.07 1.61	33.91 0.59 1.42	34.62 0.60 1.50	35.77 0.26 1.83	37.02 0.50 1.90	37.41 0.28 2.21	37.09 -0.12 2.98	44.46 -0.35 4.73	46.79 -0.31 3.92	47.08 -0.05 -0.01	42.87 -0.17 0.00	40.05 -0.20 0.00	34.59 -0.31 0.00	32.14 0.22 0.00	29.16 0.88 0.00
HUNTLEY___67 23561	27.40 0.36 0.61	25.13 0.47 0.04	24.31 0.34 0.15	24.47 0.34 0.16	24.08 0.12 0.35	25.38 0.55 0.26	28.49 0.23 0.97	30.49 0.06 1.34	32.57 0.30 1.39	32.06 -0.07 1.60	33.75 0.42 1.40	34.45 0.43 1.49	35.64 0.11 1.81	36.84 0.31 1.88	37.28 0.12 2.19	36.96 -0.28 2.95	44.30 -0.54 4.68	46.63 -0.51 3.88	46.94 -0.19 -0.01	42.78 -0.26 0.00	39.93 -0.32 0.00	34.52 -0.38 0.00	32.08 0.16 0.00	29.08 0.79 0.00

HUNTLEY___68 23562	27.40 0.36 0.61	25.13 0.47 0.04	24.31 0.34 0.15	24.47 0.34 0.16	24.08 0.12 0.35	25.38 0.55 0.26	28.49 0.23 0.97	30.49 0.06 1.34	32.57 0.30 1.39	32.06 -0.07 1.60	33.75 0.42 1.40	34.45 0.43 1.49	35.64 0.11 1.81	36.84 0.31 1.88	37.28 0.12 2.19	36.96 -0.28 2.95	44.30 -0.54 4.68	46.63 -0.51 3.88	46.94 -0.19 -0.01	42.78 -0.26 0.00	39.93 -0.32 0.00	34.52 -0.38 0.00	32.08 0.16 0.00	29.08 0.79 0.00
HYLAND___LFGE 323620	28.81 1.69 0.54	26.27 1.60 0.03	25.22 1.23 0.13	25.36 1.21 0.14	25.10 1.09 0.31	26.44 1.58 0.23	30.08 1.69 0.85	32.63 2.03 1.17	34.25 1.82 1.22	33.41 1.08 1.40	34.52 1.01 1.23	35.03 0.82 1.30	34.93 -0.82 1.59	36.35 -0.42 1.65	36.88 -0.55 1.92	36.84 -0.76 2.58	44.64 -0.79 4.10	47.47 -0.15 3.40	47.69 0.57 -0.01	44.07 1.03 0.00	41.29 1.04 0.00	35.64 0.73 0.00	33.96 2.04 0.00	30.29 2.01 0.00
INDECK___CORINTH 23802	28.73 1.08 0.00	25.61 0.91 0.00	24.99 0.87 0.00	25.16 0.87 0.00	25.21 0.90 0.00	26.02 0.93 0.00	30.34 1.11 0.00	32.75 0.99 0.00	34.28 1.11 0.48	34.48 1.21 0.46	35.09 1.14 0.80	35.99 1.21 0.73	37.97 1.38 0.75	39.13 1.38 0.67	40.22 1.46 0.59	41.36 1.77 0.60	50.57 2.23 1.19	53.01 2.70 0.71	49.52 2.40 0.00	45.54 2.50 0.00	42.18 1.93 0.00	36.23 1.33 0.00	33.16 1.24 0.00	29.30 1.02 0.00
INDECK___ILION 23567	27.96 0.30 0.00	24.97 0.27 0.00	24.39 0.27 0.00	24.56 0.27 0.00	24.60 0.29 0.00	25.36 0.28 0.00	29.55 0.32 0.00	32.08 0.32 0.00	34.02 0.37 0.00	34.06 0.34 0.00	35.09 0.35 0.00	35.87 0.36 0.00	37.71 0.37 0.00	38.88 0.46 0.00	39.86 0.51 0.00	40.71 0.52 0.00	50.60 0.64 -0.42	52.21 0.71 -0.48	47.89 0.61 -0.15	43.64 0.60 0.00	40.77 0.52 0.00	35.29 0.38 0.00	32.30 0.38 0.00	28.60 0.31 0.00
INDECK___OLEAN 23982	27.07 -0.06 0.53	24.81 0.15 0.03	23.92 -0.07 0.13	24.08 -0.07 0.14	23.79 -0.22 0.30	25.04 0.18 0.22	28.51 0.12 0.83	30.80 0.19 1.15	32.89 0.44 1.20	32.39 0.03 1.37	33.95 0.42 1.21	34.90 0.53 1.14	35.97 0.19 1.56	37.72 0.92 1.62	37.66 0.20 1.89	37.53 -0.12 2.54	45.31 -0.20 4.03	47.53 -0.15 3.34	49.01 1.89 -0.01	44.72 1.68 0.00	41.46 1.21 0.00	35.85 0.94 0.00	33.26 1.34 0.00	29.87 1.58 0.00
INDECK___OSWEGO 23783	28.14 -0.36 -0.85	24.42 -0.32 -0.05	23.98 -0.34 -0.20	24.18 -0.34 -0.23	24.43 -0.36 -0.49	25.12 -0.33 -0.36	30.24 -0.32 -1.34	33.30 -0.32 -1.85	35.24 -0.34 -1.92	35.59 -0.34 -2.20	36.33 -0.35 -1.94	36.89 -0.68 -2.05	39.05 -0.79 -2.50	40.33 -0.79 -2.60	41.60 -0.79 -3.03	43.38 -0.88 -4.07	54.67 -1.09 -6.23	55.03 -1.07 -5.09	46.19 -0.85 0.09	42.27 -0.77 0.00	39.48 -0.77 0.00	34.42 -0.49 0.00	31.57 -0.35 0.00	27.97 -0.31 0.00
INDECK___YERKES 23781	27.65 0.61 0.62	25.33 0.67 0.04	24.53 0.56 0.15	24.66 0.53 0.17	24.27 0.32 0.36	25.58 0.75 0.26	28.60 0.35 0.98	30.60 0.19 1.35	32.86 0.61 1.41	32.32 0.20 1.61	33.84 0.52 1.42	34.65 0.64 1.50	35.73 0.23 1.83	37.25 0.73 1.90	37.49 0.35 2.21	37.05 -0.16 2.98	44.51 -0.30 4.73	46.85 -0.25 3.92	47.17 0.05 -0.01	43.00 -0.04 0.00	40.05 -0.20 0.00	34.45 -0.45 0.00	32.17 0.25 0.00	29.16 0.88 0.00
INDIAN POINT_GT_1 24139	29.73 2.07 0.00	26.30 1.61 0.00	25.79 1.66 0.00	25.82 1.53 0.00	25.82 1.51 0.00	26.62 1.53 0.00	32.86 1.90 -1.73	44.79 2.03 -11.00	63.36 2.22 -27.48	64.79 2.46 -28.60	68.18 2.50 -30.94	76.98 2.66 -38.80	87.72 2.91 -47.47	95.41 3.42 -53.58	97.52 3.90 -54.27	100.63 4.02 -56.43	168.68 5.05 -114.10	178.98 5.31 -122.66	151.42 5.28 -99.02	108.50 4.52 -60.94	94.68 3.90 -50.52	62.70 3.04 -24.75	57.30 2.84 -22.54	48.80 2.46 -18.05
INDIAN POINT_GT_2 23659	29.73 2.07 0.00	26.30 1.61 0.00	25.79 1.66 0.00	25.82 1.53 0.00	25.82 1.51 0.00	26.62 1.53 0.00	32.86 1.90 -1.73	44.79 2.03 -11.00	63.36 2.22 -27.48	64.79 2.46 -28.60	68.18 2.50 -30.94	76.98 2.66 -38.80	87.72 2.91 -47.47	95.41 3.42 -53.58	97.52 3.90 -54.27	100.63 4.02 -56.43	168.68 5.05 -114.10	178.98 5.31 -122.66	151.42 5.28 -99.02	108.50 4.52 -60.94	94.68 3.90 -50.52	62.70 3.04 -24.75	57.30 2.84 -22.54	48.80 2.46 -18.05
INDIAN POINT_GT_3 24019	29.73 2.07 0.00	26.30 1.61 0.00	25.79 1.66 0.00	25.82 1.53 0.00	25.82 1.51 0.00	26.62 1.53 0.00	32.86 1.90 -1.73	44.79 2.03 -11.00	63.36 2.22 -27.48	64.79 2.46 -28.60	68.18 2.50 -30.94	76.98 2.66 -38.80	87.72 2.91 -47.47	95.41 3.42 -53.58	97.52 3.90 -54.27	100.63 4.02 -56.43	168.68 5.05 -114.10	178.98 5.31 -122.66	151.42 5.28 -99.02	108.50 4.52 -60.94	94.68 3.90 -50.52	62.70 3.04 -24.75	57.30 2.84 -22.54	48.80 2.46 -18.05
INDIAN POINT___2 23530	29.70 2.05 0.00	26.28 1.58 0.00	25.76 1.64 0.00	25.72 1.43 0.00	25.72 1.41 0.00	26.54 1.45 0.00	30.42 1.81 0.62	29.70 1.91 3.97	26.96 2.05 8.74	26.77 2.26 9.21	27.89 2.36 9.21	26.68 2.56 11.39	24.86 2.84 15.31	24.14 3.42 17.70	24.94 3.74 18.15	25.15 3.86 18.90	16.11 4.86 38.28	13.57 5.10 42.55	16.58 5.04 35.59	25.25 4.22 22.02	25.74 3.74 18.25	28.82 2.86 8.94	26.49 2.71 8.14	24.11 2.35 6.52
INDIAN POINT___3 23531	29.68 2.02 0.00	26.28 1.58 0.00	25.74 1.62 0.00	25.82 1.53 0.00	25.82 1.51 0.00	26.64 1.56 0.00	31.40 1.93 -0.25	35.36 2.03 -1.57	40.55 2.22 -4.67	40.98 2.46 -4.79	42.91 2.50 -5.67	45.55 2.63 -7.40	48.19 2.91 -7.94	50.49 3.38 -8.69	51.87 3.86 -8.66	53.16 3.98 -8.99	72.67 5.00 -18.14	74.87 5.25 -18.60	66.57 5.23 -14.22	56.19 4.48 -8.68	51.31 3.86 -7.19	41.47 3.04 -3.52	37.97 2.84 -3.21	33.34 2.49 -2.57
INGHAM_C_115KV_TB7 356103	27.88 0.22 0.00	24.87 0.17 0.00	24.29 0.17 0.00	24.46 0.17 0.00	24.51 0.19 0.00	25.26 0.18 0.00	29.46 0.23 0.00	31.95 0.19 0.00	33.82 0.17 0.00	33.86 0.13 0.00	34.84 0.10 0.00	35.66 0.14 0.00	37.45 0.11 0.00	38.57 0.15 0.00	39.55 0.20 0.00	40.35 0.16 0.00	50.16 0.20 -0.42	51.70 0.20 -0.48	47.51 0.24 -0.15	43.34 0.30 0.00	40.49 0.24 0.00	35.08 0.17 0.00	32.21 0.29 0.00	28.51 0.23 0.00
IP CORINTH___1 23988	28.87 1.22 0.00	25.73 1.04 0.00	25.13 1.01 0.00	25.29 1.00 0.00	25.36 1.05 0.00	26.14 1.05 0.00	30.51 1.29 0.00	32.94 1.18 0.00	34.49 1.31 0.48	34.69 1.42 0.46	35.30 1.35 0.80	36.20 1.42 0.73	38.16 1.57 0.75	39.28 1.54 0.67	40.46 1.69 0.59	41.60 2.01 0.60	50.87 2.53 1.19	53.32 3.01 0.71	49.81 2.69 0.00	45.80 2.75 0.00	42.42 2.17 0.00	36.44 1.54 0.00	33.39 1.47 0.00	29.44 1.16 0.00
IP___TICONDEROGA 23804	30.34 2.68 0.00	26.97 2.27 0.00	26.27 2.15 0.00	26.40 2.11 0.00	26.47 2.16 0.00	27.37 2.28 0.00	32.03 2.81 0.00	34.49 2.73 0.00	36.16 3.00 0.49	36.33 3.07 0.47	36.91 2.99 0.82	37.85 3.09 0.75	39.93 3.36 0.76	40.96 3.23 0.69	42.06 3.31 0.60	43.43 3.86 0.62	53.12 4.80 1.22	56.05 5.77 0.73	52.63 5.51 0.00	48.59 5.55 0.00	45.04 4.79 0.00	38.57 3.66 0.00	35.14 3.22 0.00	30.91 2.63 0.00

ISLIP_RES_REC 323679	30.01 2.35 0.00	26.45 1.75 0.00	25.88 1.76 0.00	25.96 1.67 0.00	25.87 1.56 0.00	26.92 1.83 0.00	29.70 2.31 1.84	31.85 2.26 2.17	35.02 1.62 0.25	36.05 1.89 -0.44	38.29 2.01 -1.54	39.54 2.24 -1.79	40.20 2.61 -0.25	48.13 3.19 -6.52	50.67 3.74 -7.57	52.46 4.42 -7.85	69.84 4.46 -15.85	71.97 4.85 -16.10	66.03 6.03 -12.87	54.85 4.39 -7.42	50.34 3.95 -6.14	43.99 3.81 -5.28	36.94 2.49 -2.53	33.82 3.34 -2.20
JAMAICA__27_KV_LOAD 355505	30.17 2.52 0.00	26.55 1.85 0.00	26.07 1.95 0.00	26.11 1.82 0.00	26.09 1.77 0.00	26.97 1.88 0.00	31.93 2.48 -0.21	35.81 2.70 -1.35	40.65 2.83 -4.17	41.06 3.07 -4.26	42.98 3.13 -5.11	45.39 3.16 -6.71	47.90 3.51 -7.06	50.10 4.00 -7.69	51.48 4.49 -7.64	52.77 4.66 -7.92	71.46 5.94 -15.98	73.59 6.33 -16.24	65.64 6.22 -12.29	55.87 5.34 -7.49	51.09 4.63 -6.21	41.58 3.63 -3.04	38.33 3.64 -2.77	33.67 3.17 -2.22
JANIS__SOLAR 323808	29.24 1.74 0.16	26.17 1.48 0.01	25.46 1.37 0.04	25.63 1.38 0.04	25.61 1.38 0.09	26.65 1.63 0.07	31.17 2.19 0.25	33.83 2.41 0.34	35.86 2.46 0.25	35.58 2.16 0.31	36.57 2.01 0.18	37.42 2.09 0.19	38.98 1.94 0.30	40.27 2.19 0.33	41.01 2.08 0.43	41.66 2.09 0.62	51.52 2.92 0.94	53.60 3.42 0.84	50.90 3.77 -0.01	46.78 3.74 0.00	43.63 3.38 0.00	37.59 2.69 0.00	34.47 2.55 0.00	30.46 2.18 0.00
JARVIS____ 23743	27.93 0.28 0.00	24.94 0.25 0.00	24.39 0.27 0.00	24.56 0.27 0.00	24.58 0.27 0.00	25.34 0.25 0.00	29.52 0.29 0.00	32.05 0.29 0.00	33.96 0.30 0.00	34.06 0.34 0.00	35.09 0.35 0.00	35.87 0.36 0.00	37.75 0.41 0.00	38.92 0.50 0.00	39.90 0.55 0.00	40.75 0.56 0.00	50.65 0.69 -0.42	52.21 0.71 -0.48	47.89 0.61 -0.15	43.64 0.60 0.00	40.73 0.48 0.00	35.25 0.35 0.00	32.24 0.32 0.00	28.57 0.28 0.00
JENNISON__1 23625	29.45 1.94 0.14	26.34 1.65 0.01	25.66 1.57 0.03	25.83 1.58 0.04	25.83 1.60 0.08	26.81 1.78 0.06	31.34 2.34 0.22	34.09 2.64 0.31	36.26 2.79 0.18	36.12 2.63 0.24	37.32 2.67 0.10	38.26 2.84 0.10	39.93 2.80 0.20	41.21 3.04 0.24	42.17 3.15 0.34	42.82 3.13 0.51	52.81 4.01 0.74	54.67 4.34 0.69	51.56 4.43 -0.01	47.26 4.22 0.00	43.99 3.74 0.00	37.94 3.04 0.00	34.73 2.81 0.00	30.69 2.40 0.00
JENNISON__2 23626	29.45 1.94 0.14	26.34 1.65 0.01	25.66 1.57 0.03	25.83 1.58 0.04	25.83 1.60 0.08	26.81 1.78 0.06	31.34 2.34 0.22	34.09 2.64 0.31	36.26 2.79 0.18	36.12 2.63 0.24	37.32 2.67 0.10	38.26 2.84 0.10	39.93 2.80 0.20	41.21 3.04 0.24	42.17 3.15 0.34	42.82 3.13 0.51	52.81 4.01 0.74	54.67 4.34 0.69	51.56 4.43 -0.01	47.26 4.22 0.00	43.99 3.74 0.00	37.94 3.04 0.00	34.73 2.81 0.00	30.69 2.40 0.00
JERICHO_RISE_WT_PWR 323719	26.47 -1.19 0.00	23.71 -0.99 0.00	22.92 -1.21 0.00	23.15 -1.14 0.00	23.19 -1.12 0.00	24.14 -0.95 0.00	28.29 -0.94 0.00	31.09 -0.67 0.00	32.81 -0.84 0.00	32.61 -1.11 0.00	33.42 -1.32 0.00	34.17 -1.35 0.00	35.62 -1.72 0.00	36.50 -1.92 0.00	37.39 -1.97 0.00	38.22 -1.97 0.00	38.69 -2.38 8.47	39.06 -2.40 9.56	41.73 -2.31 3.08	41.10 -1.94 0.01	38.60 -1.65 0.00	33.51 -1.40 0.00	30.29 -1.63 0.00	26.87 -1.41 0.00
KATONAH__115KV_46KV_TB4 355592	29.90 2.24 0.00	26.47 1.78 0.00	25.98 1.86 0.00	26.09 1.80 0.00	26.06 1.75 0.00	26.90 1.81 0.00	31.61 2.25 -0.13	34.98 2.38 -0.84	39.27 2.69 -2.93	39.63 2.93 -2.97	41.46 2.99 -3.74	43.72 3.23 -4.97	45.79 3.55 -4.91	47.78 4.11 -5.25	49.12 4.60 -5.16	50.20 4.66 -5.34	66.19 5.89 -10.77	67.73 6.12 -10.59	60.80 5.98 -7.69	52.86 5.16 -4.65	48.65 4.55 -3.86	40.28 3.49 -1.89	36.83 3.19 -1.72	32.43 2.77 -1.38
KCE_NY_1 323755	29.07 1.41 0.00	25.93 1.23 0.00	25.35 1.23 0.00	25.53 1.24 0.00	25.55 1.24 0.00	26.32 1.23 0.00	30.66 1.43 0.00	33.13 1.36 0.00	34.63 1.48 0.51	34.83 1.59 0.48	35.49 1.60 0.84	36.41 1.67 0.78	38.38 1.83 0.79	39.67 1.96 0.71	40.78 2.05 0.62	41.84 2.29 0.64	51.15 2.87 1.26	53.53 3.27 0.75	50.33 3.21 0.00	46.18 3.14 0.00	42.99 2.74 0.00	36.96 2.06 0.00	33.71 1.79 0.00	29.78 1.50 0.00
KCE_NY_6_ESR 323823	27.59 0.52 0.59	25.28 0.62 0.03	24.46 0.48 0.14	24.62 0.49 0.16	24.24 0.27 0.34	25.56 0.73 0.25	28.79 0.50 0.93	30.92 0.44 1.29	33.09 0.77 1.34	32.59 0.41 1.54	34.11 0.73 1.35	34.93 0.85 1.43	36.04 0.45 1.75	37.60 1.00 1.82	37.87 0.63 2.11	37.59 0.24 2.84	45.17 0.15 4.52	47.48 0.20 3.74	47.98 0.85 -0.01	43.73 0.69 0.00	40.69 0.44 0.00	35.01 0.11 0.00	32.62 0.70 0.00	29.47 1.19 0.00
KEDC_PORT_JEFF_GT2 24210	29.84 2.18 0.00	26.30 1.60 0.00	25.76 1.64 0.00	25.82 1.53 0.00	25.74 1.43 0.00	26.77 1.68 0.00	28.95 2.08 2.35	30.73 2.00 3.04	34.01 1.35 0.99	33.46 1.62 1.88	37.73 1.63 -1.36	39.10 1.85 -1.74	39.74 2.24 -0.17	47.67 2.77 -6.49	50.11 3.19 -7.57	51.90 3.86 -7.85	69.05 3.67 -15.85	71.15 4.03 -16.10	65.20 5.28 -12.81	54.07 3.62 -7.42	49.81 3.42 -6.14	43.43 3.46 -5.07	36.75 2.30 -2.53	33.59 3.11 -2.20
KEDC_PORT_JEFF_GT3 24211	29.84 2.18 0.00	26.30 1.60 0.00	25.76 1.64 0.00	25.82 1.53 0.00	25.74 1.43 0.00	26.77 1.68 0.00	28.95 2.08 2.35	30.73 2.00 3.04	34.01 1.35 0.99	33.46 1.62 1.88	37.73 1.63 -1.36	39.10 1.85 -1.74	39.74 2.24 -0.17	47.67 2.77 -6.49	50.11 3.19 -7.57	51.90 3.86 -7.85	69.05 3.67 -15.85	71.15 4.03 -16.10	65.20 5.28 -12.81	54.07 3.62 -7.42	49.81 3.42 -6.14	43.43 3.46 -5.07	36.75 2.30 -2.53	33.59 3.11 -2.20
KEDC_GLWD_GT4 24219	30.12 2.46 0.00	26.60 1.90 0.00	26.05 1.93 0.00	26.13 1.85 0.00	26.08 1.77 0.00	27.02 1.93 0.00	31.78 2.34 -0.21	35.51 2.41 -1.34	39.57 2.32 -3.60	40.51 2.56 -4.22	41.60 2.78 -4.08	43.55 3.02 -5.02	45.90 3.32 -5.25	49.63 3.84 -7.37	51.26 4.33 -7.57	52.71 4.66 -7.86	70.83 5.45 -15.85	72.78 5.66 -16.10	68.81 6.12 -15.56	55.15 4.69 -7.42	50.46 4.06 -6.15	52.76 3.84 -14.02	37.65 3.06 -2.67	33.62 3.14 -2.20
KEDC_GLWD_GT5 24220	30.12 2.46 0.00	26.60 1.90 0.00	26.05 1.93 0.00	26.13 1.85 0.00	26.08 1.77 0.00	27.02 1.93 0.00	31.78 2.34 -0.21	35.51 2.41 -1.34	39.57 2.32 -3.60	40.51 2.56 -4.22	41.60 2.78 -4.08	43.55 3.02 -5.02	45.90 3.32 -5.25	49.63 3.84 -7.37	51.26 4.33 -7.57	52.71 4.66 -7.86	70.83 5.45 -15.85	72.78 5.66 -16.10	68.81 6.12 -15.56	55.15 4.69 -7.42	50.46 4.06 -6.15	52.76 3.84 -14.02	37.65 3.06 -2.67	33.62 3.14 -2.20
KENSICO____ 23655	29.81 2.16 0.00	26.38 1.68 0.00	25.86 1.74 0.00	25.97 1.68 0.00	25.96 1.65 0.00	26.79 1.71 0.00	31.62 2.16 -0.23	35.53 2.29 -1.48	40.59 2.46 -4.48	41.01 2.70 -4.59	43.01 2.81 -5.45	45.57 2.91 -7.14	48.14 3.21 -7.60	50.40 3.69 -8.30	51.78 4.17 -8.26	53.06 4.30 -8.57	72.27 5.45 -17.28	74.40 5.71 -17.66	66.18 5.61 -13.45	56.06 4.82 -8.20	51.23 4.19 -6.80	41.55 3.32 -3.33	38.05 3.10 -3.03	33.43 2.72 -2.43

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.81 2.16 0.00	26.35 1.65 0.00	25.83 1.71 0.00	25.89 1.60 0.00	25.87 1.56 0.00	26.72 1.63 0.00	31.11 1.96 0.07	33.48 2.19 0.48	35.48 2.46 0.63	35.61 2.60 0.71	37.00 2.67 0.41	37.81 2.70 0.40	39.14 2.99 1.19	40.42 3.53 1.54	41.74 4.05 1.66	42.67 4.22 1.74	51.53 5.55 3.55	52.46 5.92 4.48	48.80 5.89 4.21	45.52 5.12 2.64	42.53 4.47 2.19	37.15 3.32 1.07	34.04 3.10 0.98	30.13 2.63 0.78
KIAC_JFK_GT1 23816	30.01 2.35 0.00	26.40 1.70 0.00	25.91 1.78 0.00	25.97 1.68 0.00	25.94 1.63 0.00	26.82 1.73 0.00	31.75 2.31 -0.21	35.59 2.48 -1.35	40.31 2.49 -4.17	40.72 2.73 -4.26	42.59 2.74 -5.11	45.03 2.81 -6.71	47.49 3.10 -7.06	49.68 3.57 -7.69	51.04 4.05 -7.64	52.33 4.22 -7.92	70.91 5.40 -15.98	72.98 5.71 -16.24	65.07 5.65 -12.29	55.35 4.82 -7.49	50.64 4.19 -6.21	41.19 3.25 -3.04	37.98 3.29 -2.77	33.47 2.97 -2.22
KIAC_JFK_GT2 23817	30.01 2.35 0.00	26.40 1.70 0.00	25.91 1.78 0.00	25.97 1.68 0.00	25.94 1.63 0.00	26.82 1.73 0.00	31.75 2.31 -0.21	35.59 2.48 -1.35	40.31 2.49 -4.17	40.72 2.73 -4.26	42.59 2.74 -5.11	45.03 2.81 -6.71	47.49 3.10 -7.06	49.68 3.57 -7.69	51.04 4.05 -7.64	52.33 4.22 -7.92	70.91 5.40 -15.98	72.98 5.71 -16.24	65.07 5.65 -12.29	55.35 4.82 -7.49	50.64 4.19 -6.21	41.19 3.25 -3.04	37.98 3.29 -2.77	33.47 2.97 -2.22
KIAC_JFK____ 323774	30.01 2.35 0.00	26.40 1.70 0.00	25.91 1.78 0.00	25.96 1.67 0.00	25.94 1.63 0.00	26.82 1.73 0.00	31.75 2.31 -0.21	35.62 2.51 -1.35	40.24 2.42 -4.17	40.62 2.63 -4.26	42.59 2.74 -5.11	45.07 2.84 -6.71	47.53 3.14 -7.06	49.83 3.73 -7.69	51.04 4.05 -7.64	52.33 4.22 -7.92	70.91 5.40 -15.98	73.03 5.76 -16.24	65.02 5.60 -12.29	55.22 4.69 -7.49	50.64 4.19 -6.21	41.23 3.28 -3.04	38.17 3.48 -2.77	33.47 2.97 -2.22
KINTIGH____ 23543	27.39 0.41 0.68	25.13 0.47 0.04	24.32 0.36 0.16	24.45 0.34 0.18	24.06 0.15 0.39	25.32 0.53 0.29	28.38 0.23 1.08	30.36 0.10 1.50	32.37 0.27 1.55	31.91 -0.03 1.78	33.52 0.35 1.57	34.25 0.39 1.66	35.43 0.11 2.02	36.59 0.27 2.10	36.98 0.08 2.45	36.62 -0.28 3.29	43.81 -0.50 5.23	46.23 -0.46 4.33	46.37 -0.75 0.00	42.31 -0.73 0.00	39.56 -0.68 0.00	34.24 -0.66 0.00	31.73 -0.19 0.00	28.65 0.37 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.69 -0.97 0.00	23.98 -0.72 0.00	23.04 -1.09 0.00	23.29 -1.00 0.00	23.36 -0.95 0.00	24.41 -0.68 0.00	28.73 -0.50 0.00	31.76 0.00 0.00	33.45 -0.20 0.00	33.12 -0.61 0.00	33.87 -0.87 0.00	34.56 -0.96 0.00	35.84 -1.49 0.00	37.00 -1.42 0.00	37.74 -1.61 0.00	38.54 -1.65 0.00	39.17 -1.78 8.58	39.76 -1.58 9.68	42.40 -1.60 3.12	41.70 -1.33 0.01	39.28 -0.97 0.00	33.93 -0.98 0.00	30.42 -1.50 0.00	27.04 -1.24 0.00
LACHUTE____HYDRO 323717	30.34 2.68 0.00	26.97 2.27 0.00	26.27 2.15 0.00	26.45 2.16 0.00	26.47 2.16 0.00	27.37 2.28 0.00	32.03 2.81 0.00	34.50 2.73 0.00	36.16 2.99 0.49	36.29 3.04 0.47	36.91 2.99 0.82	37.85 3.09 0.75	39.94 3.36 0.76	41.04 3.30 0.69	42.06 3.31 0.60	43.43 3.86 0.62	53.12 4.80 1.22	56.05 5.76 0.73	52.63 5.51 0.00	48.60 5.55 0.00	45.04 4.79 0.00	38.60 3.70 0.00	35.14 3.22 0.00	30.92 2.63 0.00
LAWRNCALV_115KV_TB1 80681	27.02 -0.64 0.00	24.18 -0.52 0.00	23.45 -0.68 0.00	23.66 -0.63 0.00	23.70 -0.61 0.00	24.56 -0.53 0.00	28.73 -0.50 0.00	31.48 -0.29 0.00	33.08 -0.57 0.00	32.81 -0.91 0.00	33.73 -1.01 0.00	34.66 -0.85 0.00	36.44 -0.90 0.00	37.42 -1.00 0.00	38.13 -1.22 0.00	38.90 -1.29 0.00	39.86 -2.43 7.25	39.78 -3.06 8.18	41.51 -2.97 2.64	40.41 -2.63 0.01	38.72 -1.53 0.00	34.07 -0.84 0.00	31.06 -0.86 0.00	27.49 -0.79 0.00
LEDERLE____ 23769	29.76 2.10 0.00	26.35 1.65 0.00	25.81 1.69 0.00	25.84 1.55 0.00	25.82 1.51 0.00	26.64 1.56 0.00	30.75 1.90 0.38	31.37 2.03 2.43	30.88 2.25 5.03	30.93 2.53 5.32	32.25 2.61 5.10	32.01 2.73 6.24	31.55 3.06 8.85	31.59 3.53 10.36	32.71 4.05 10.69	33.17 4.14 11.16	32.16 5.25 22.62	30.98 5.51 25.55	30.82 5.42 21.72	34.23 4.65 13.46	33.11 4.02 11.16	32.54 3.11 5.47	29.85 2.90 4.98	26.81 2.52 3.99
LIGHTHSE_115KV_TB6 355974	27.88 0.00 -0.22	24.68 -0.02 -0.01	24.13 -0.05 -0.05	24.28 -0.07 -0.06	24.37 -0.07 -0.13	25.21 0.03 -0.09	29.72 0.15 -0.35	32.47 0.22 -0.48	34.33 0.17 -0.50	34.37 0.07 -0.58	35.39 0.14 -0.51	36.16 0.11 -0.54	37.96 -0.04 -0.66	39.06 -0.04 -0.68	40.07 -0.08 -0.79	41.14 -0.12 -1.07	50.19 -0.40 -1.05	51.39 -0.31 -0.68	46.79 -0.09 0.23	43.08 0.04 0.00	40.29 0.04 0.00	34.83 -0.07 0.00	32.08 0.16 0.00	28.37 0.08 0.00
LINDEN COGEN____ 23786	29.95 2.29 0.00	26.42 1.73 0.00	25.91 1.78 0.00	25.99 1.70 0.00	25.99 1.68 0.00	26.82 1.73 0.00	31.69 2.25 -0.21	35.56 2.45 -1.35	40.45 2.63 -4.17	40.82 2.83 -4.26	42.77 2.92 -5.11	45.17 2.95 -6.71	44.65 3.17 -4.14	45.27 3.77 -3.08	45.23 4.05 -1.82	45.79 4.22 -1.38	53.47 5.35 1.41	55.54 5.66 1.14	47.53 5.51 5.10	46.61 4.61 1.04	45.74 4.11 -1.38	41.33 3.38 -3.04	38.01 3.32 -2.77	33.33 2.83 -2.22
LINDHRST_69_KV_BK1 356055	30.28 2.63 0.00	26.72 2.03 0.00	26.15 2.03 0.00	26.23 1.94 0.00	26.13 1.82 0.00	27.17 2.08 0.00	31.90 2.60 -0.08	35.48 2.60 -1.11	38.41 2.09 -2.67	40.00 2.36 -3.92	39.67 2.47 -2.47	40.35 2.42 -2.42	41.43 2.73 -1.37	48.40 3.19 -6.79	50.59 3.66 -7.57	52.35 4.30 -7.86	70.58 5.20 -15.85	72.84 5.71 -16.10	67.13 6.46 -13.55	55.71 5.25 -7.42	50.30 3.90 -6.14	46.47 4.08 -7.48	37.16 2.68 -2.56	34.10 3.62 -2.20
LIPA_MISC_IPP 23656	29.65 1.99 0.00	26.13 1.43 0.00	25.57 1.45 0.00	25.65 1.36 0.00	25.55 1.24 0.00	26.57 1.48 0.00	28.92 1.87 2.18	30.82 1.81 2.75	34.04 1.14 0.76	28.21 1.42 6.93	37.59 1.46 -1.40	38.72 1.49 -1.71	39.18 1.72 -0.13	47.02 2.11 -6.49	49.52 2.60 -7.57	51.18 3.13 -7.85	69.20 3.81 -15.85	71.36 4.23 -16.10	65.36 5.47 -12.78	54.93 4.48 -7.42	49.33 2.94 -6.14	43.23 3.35 -4.97	36.43 1.98 -2.53	33.51 3.03 -2.20
LISF____SOLAR 323691	29.68 2.02 0.00	26.15 1.46 0.00	25.59 1.47 0.00	25.65 1.36 0.00	25.57 1.26 0.00	26.59 1.51 0.00	28.96 1.90 2.16	30.82 1.78 2.72	34.03 1.11 0.73	26.67 1.35 8.40	37.60 1.46 -1.41	39.01 1.78 -1.72	39.57 2.09 -0.14	47.52 2.61 -6.49	50.08 3.15 -7.57	51.86 3.82 -7.85	69.19 3.81 -15.85	71.35 4.23 -16.10	65.42 5.51 -12.79	54.41 3.96 -7.42	50.02 3.62 -6.14	43.30 3.38 -5.01	36.59 2.14 -2.53	33.45 2.97 -2.20
LITTLE FALLS____HYD 24013	27.88 0.22 0.00	24.87 0.17 0.00	24.29 0.17 0.00	24.46 0.17 0.00	24.51 0.19 0.00	25.26 0.18 0.00	29.46 0.23 0.00	31.95 0.19 0.00	33.82 0.17 0.00	33.86 0.13 0.00	34.84 0.10 0.00	35.66 0.14 0.00	37.45 0.11 0.00	38.57 0.15 0.00	39.55 0.20 0.00	40.35 0.16 0.00	50.16 0.20 -0.42	51.70 0.20 -0.48	47.51 0.24 -0.15	43.34 0.30 0.00	40.49 0.24 0.00	35.08 0.17 0.00	32.21 0.29 0.00	28.51 0.23 0.00

LITTLRIV_115KV_TB1 356100	27.19 -0.47 0.00	24.33 -0.37 0.00	23.59 -0.53 0.00	23.80 -0.49 0.00	23.85 -0.46 0.00	24.76 -0.33 0.00	28.99 -0.23 0.00	31.76 0.00 0.00	33.38 -0.27 0.00	33.08 -0.64 0.00	34.01 -0.73 0.00	34.95 -0.57 0.00	36.70 -0.63 0.00	37.69 -0.73 0.00	38.41 -0.94 0.00	39.10 -1.09 0.00	40.32 -2.13 7.09	40.32 -2.70 8.00	41.95 -2.59 2.58	40.84 -2.20 0.01	39.08 -1.17 0.00	34.38 -0.52 0.00	31.31 -0.61 0.00	27.69 -0.59 0.00
LI_NEWBRDGE___DRP 323616	29.93 2.27 0.00	26.38 1.68 0.00	25.83 1.71 0.00	25.92 1.63 0.00	25.84 1.53 0.00	26.82 1.73 0.00	31.51 2.08 -0.21	35.20 2.10 -1.34	37.96 1.72 -2.59	39.93 1.99 -4.21	38.68 2.08 -1.86	39.07 2.20 -1.35	39.30 2.46 0.50	47.86 2.92 -6.52	50.35 3.42 -7.57	51.86 3.82 -7.85	69.99 4.61 -15.85	72.12 5.00 -16.10	65.26 5.84 -12.30	55.02 4.56 -7.42	49.77 3.38 -6.14	41.92 3.60 -3.42	36.86 2.43 -2.51	33.59 3.11 -2.20
LOCKPORT_115KV_TB60_63_64 80432	27.41 0.39 0.63	25.13 0.47 0.04	24.28 0.31 0.15	24.41 0.29 0.17	24.04 0.10 0.36	25.35 0.53 0.27	28.38 0.15 1.00	30.38 0.00 1.38	32.52 0.30 1.44	31.94 -0.13 1.65	33.60 0.31 1.45	34.30 0.32 1.53	35.43 -0.04 1.87	36.67 0.19 1.94	37.05 -0.04 2.26	36.66 -0.48 3.04	43.91 -0.79 4.84	46.25 -0.77 4.01	46.56 -0.57 -0.01	42.44 -0.60 0.00	39.69 -0.56 0.00	34.31 -0.59 0.00	31.89 -0.03 0.00	28.93 0.65 0.00
LOCKPORT___CC1 323769	27.41 0.39 0.63	25.15 0.49 0.04	24.31 0.34 0.15	24.44 0.31 0.17	24.04 0.10 0.36	25.37 0.55 0.27	28.41 0.18 1.00	30.39 0.00 1.38	32.56 0.34 1.43	32.05 -0.03 1.64	33.50 0.21 1.44	34.30 0.32 1.53	35.36 -0.11 1.86	36.83 0.35 1.94	37.10 0.00 2.26	36.63 -0.52 3.03	43.92 -0.79 4.82	46.26 -0.76 3.99	46.61 -0.52 -0.01	42.53 -0.51 0.00	39.65 -0.60 0.00	34.17 -0.73 0.00	31.92 0.00 0.00	28.91 0.62 0.00
LOCKPORT___CC2 323770	27.41 0.39 0.63	25.15 0.49 0.04	24.31 0.34 0.15	24.44 0.31 0.17	24.04 0.10 0.36	25.37 0.55 0.27	28.41 0.18 1.00	30.39 0.00 1.38	32.56 0.34 1.43	32.05 -0.03 1.64	33.50 0.21 1.44	34.30 0.32 1.53	35.36 -0.11 1.86	36.83 0.35 1.94	37.10 0.00 2.26	36.63 -0.52 3.03	43.92 -0.79 4.82	46.26 -0.76 3.99	46.61 -0.52 -0.01	42.53 -0.51 0.00	39.65 -0.60 0.00	34.17 -0.73 0.00	31.92 0.00 0.00	28.91 0.62 0.00
LOCKPORT___CC3 323771	27.41 0.39 0.63	25.15 0.49 0.04	24.31 0.34 0.15	24.44 0.31 0.17	24.04 0.10 0.36	25.37 0.55 0.27	28.41 0.18 1.00	30.39 0.00 1.38	32.56 0.34 1.43	32.05 -0.03 1.64	33.50 0.21 1.44	34.30 0.32 1.53	35.36 -0.11 1.86	36.83 0.35 1.94	37.10 0.00 2.26	36.63 -0.52 3.03	43.92 -0.79 4.82	46.26 -0.76 3.99	46.61 -0.52 -0.01	42.53 -0.51 0.00	39.65 -0.60 0.00	34.17 -0.73 0.00	31.92 0.00 0.00	28.91 0.62 0.00
LONG_LAKE_PHOENIX 24014	28.01 -0.11 -0.47	24.60 -0.12 -0.03	24.09 -0.14 -0.11	24.27 -0.15 -0.13	24.41 -0.17 -0.27	25.16 -0.13 -0.20	29.88 -0.09 -0.74	32.75 -0.03 -1.02	34.68 -0.03 -1.06	34.84 -0.10 -1.21	35.74 -0.07 -1.07	36.61 -0.04 -1.13	38.60 -0.11 -1.38	39.77 -0.08 -1.43	40.86 -0.16 -1.67	42.23 -0.20 -2.24	52.85 -0.25 -3.56	53.77 -0.20 -2.95	47.07 -0.05 0.00	43.00 -0.04 0.00	40.13 -0.12 0.00	34.69 -0.21 0.00	31.86 -0.06 0.00	28.23 -0.06 0.00
LOVETT___3 23632	29.59 1.94 0.00	26.23 1.53 0.00	25.69 1.57 0.00	25.72 1.43 0.00	25.72 1.41 0.00	26.54 1.46 0.00	30.62 1.78 0.39	31.18 1.87 2.46	30.60 2.05 5.10	30.63 2.33 5.42	31.90 2.36 5.20	31.64 2.49 6.36	31.08 2.76 9.02	31.10 3.23 10.55	32.17 3.70 10.89	32.69 3.82 11.32	31.50 4.90 22.94	30.27 5.15 25.90	30.21 5.09 22.00	33.75 4.35 13.64	32.68 3.74 11.31	32.26 2.90 5.54	29.62 2.75 5.04	26.62 2.38 4.04
LOVETT___4 23642	29.59 1.94 0.00	26.23 1.53 0.00	25.69 1.57 0.00	25.72 1.43 0.00	25.72 1.41 0.00	26.54 1.46 0.00	30.62 1.78 0.39	31.18 1.87 2.46	30.60 2.05 5.10	30.63 2.33 5.42	31.90 2.36 5.20	31.64 2.49 6.36	31.08 2.76 9.02	31.10 3.23 10.55	32.17 3.70 10.89	32.69 3.82 11.32	31.50 4.90 22.94	30.27 5.15 25.90	30.21 5.09 22.00	33.75 4.35 13.64	32.68 3.74 11.31	32.26 2.90 5.54	29.62 2.75 5.04	26.62 2.38 4.04
LOVETT___5 23593	29.59 1.94 0.00	26.23 1.53 0.00	25.69 1.57 0.00	25.72 1.43 0.00	25.72 1.41 0.00	26.54 1.46 0.00	30.62 1.78 0.39	31.18 1.87 2.46	30.60 2.05 5.10	30.63 2.33 5.42	31.90 2.36 5.20	31.64 2.49 6.36	31.08 2.76 9.02	31.10 3.23 10.55	32.17 3.70 10.89	32.69 3.82 11.32	31.50 4.90 22.94	30.27 5.15 25.90	30.21 5.09 22.00	33.75 4.35 13.64	32.68 3.74 11.31	32.26 2.90 5.54	29.62 2.75 5.04	26.62 2.38 4.04
LOWER RAQUET___HYD 24057	26.99 -0.66 0.00	24.15 -0.54 0.00	23.45 -0.68 0.00	23.64 -0.65 0.00	23.68 -0.63 0.00	24.56 -0.53 0.00	28.73 -0.50 0.00	31.51 -0.26 0.00	33.08 -0.57 0.00	32.75 -0.98 0.00	33.66 -1.08 0.00	34.66 -0.85 0.00	36.44 -0.90 0.00	37.30 -1.12 0.00	38.13 -1.22 0.00	38.90 -1.29 0.00	40.17 -2.43 6.94	40.03 -3.16 7.83	41.53 -3.06 2.52	40.41 -2.63 0.01	38.60 -1.65 0.00	34.03 -0.87 0.00	31.06 -0.86 0.00	27.49 -0.79 0.00
LOWER___HUDSON 24059	28.68 1.02 0.00	25.61 0.91 0.00	25.06 0.94 0.00	25.21 0.92 0.00	25.28 0.97 0.00	26.02 0.93 0.00	30.22 0.99 0.00	32.65 0.89 0.00	33.94 0.94 0.65	34.15 1.05 0.62	34.73 1.08 1.08	35.66 1.14 0.99	37.59 1.27 1.01	39.00 1.50 0.91	40.13 1.58 0.80	41.14 1.77 0.82	50.14 2.23 1.62	52.45 2.40 0.97	49.67 2.54 -0.01	45.58 2.54 0.00	42.46 2.21 0.00	36.54 1.64 0.00	33.26 1.34 0.00	29.42 1.13 0.00
LOWVILLE_115KV_TB2 356335	27.93 0.28 0.00	24.87 0.17 0.00	24.24 0.12 0.00	24.41 0.12 0.00	24.48 0.17 0.00	25.36 0.28 0.00	29.78 0.56 0.00	32.62 0.86 0.00	34.50 0.84 0.00	34.37 0.64 0.00	35.57 0.83 0.00	36.19 0.67 0.00	37.86 0.52 0.00	38.96 0.54 0.00	39.79 0.43 0.00	40.55 0.36 0.00	48.07 0.25 1.71	49.30 0.20 1.93	46.92 0.42 0.62	43.77 0.73 0.00	41.09 0.85 0.00	35.60 0.70 0.00	32.49 0.57 0.00	28.60 0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.07 1.41 0.00	25.93 1.23 0.00	25.33 1.21 0.00	25.48 1.19 0.00	25.55 1.24 0.00	26.32 1.23 0.00	30.63 1.40 0.00	33.13 1.37 0.00	34.63 1.48 0.51	34.83 1.59 0.48	35.49 1.60 0.84	36.37 1.63 0.78	38.34 1.79 0.79	39.55 1.84 0.71	40.74 2.01 0.62	41.80 2.25 0.64	51.10 2.82 1.26	53.48 3.21 0.75	50.28 3.16 0.00	46.14 3.10 0.00	42.95 2.70 0.00	36.93 2.02 0.00	33.68 1.76 0.00	29.76 1.47 0.00
LUTHERNY_35_KV_BK2 355980	29.07 1.41 0.00	25.93 1.23 0.00	25.35 1.23 0.00	25.50 1.21 0.00	25.55 1.24 0.00	26.32 1.23 0.00	30.66 1.43 0.00	33.13 1.37 0.00	34.66 1.51 0.51	34.86 1.62 0.48	35.49 1.60 0.84	36.37 1.63 0.78	38.38 1.83 0.79	39.59 1.88 0.71	40.78 2.05 0.62	41.85 2.29 0.64	51.15 2.87 1.26	53.53 3.27 0.75	50.33 3.20 0.00	46.18 3.14 0.00	42.95 2.70 0.00	36.96 2.06 0.00	33.71 1.79 0.00	29.78 1.50 0.00

LWR___OSWEGATCHIE_HYD 23850	27.44 -0.22 0.00	24.50 -0.20 0.00	23.81 -0.31 0.00	24.00 -0.29 0.00	24.04 -0.27 0.00	24.94 -0.15 0.00	29.23 0.00 0.00	32.02 0.25 0.00	33.72 0.07 0.00	33.49 -0.24 0.00	34.53 -0.21 0.00	35.34 -0.18 0.00	37.08 -0.26 0.00	38.11 -0.31 0.00	38.88 -0.47 0.00	39.63 -0.56 0.00	43.69 -1.24 4.61	44.24 -1.58 5.20	44.08 -1.37 1.68	42.00 -1.03 0.00	39.81 -0.44 0.00	34.76 -0.14 0.00	31.76 -0.16 0.00	28.03 -0.25 0.00
LYONS_FALL_HYD 23570	28.18 0.52 0.00	25.09 0.39 0.00	24.48 0.36 0.00	24.65 0.36 0.00	24.70 0.39 0.00	25.59 0.50 0.00	29.99 0.76 0.00	32.75 0.99 0.00	34.70 1.04 0.00	34.64 0.91 0.00	35.75 1.01 0.00	36.44 0.92 0.00	38.20 0.86 0.00	39.38 0.96 0.00	40.26 0.91 0.00	41.03 0.85 0.00	49.46 0.89 0.96	50.85 0.92 1.09	47.81 1.04 0.35	44.20 1.16 0.00	41.42 1.17 0.00	35.85 0.94 0.00	32.75 0.83 0.00	28.85 0.57 0.00
MADISON___COUNTY_LFGE 323628	28.46 0.97 0.16	25.48 0.79 0.01	24.83 0.75 0.04	25.00 0.75 0.04	25.00 0.78 0.09	25.90 0.88 0.07	30.14 1.17 0.26	32.74 1.33 0.35	34.70 1.41 0.37	34.62 1.32 0.42	35.76 1.39 0.37	36.54 1.42 0.39	38.28 1.42 0.48	39.46 1.54 0.50	40.31 1.53 0.58	40.98 1.57 0.78	50.23 1.93 1.24	52.09 2.09 1.02	49.19 2.07 0.00	45.02 1.98 0.00	42.06 1.81 0.00	36.34 1.43 0.00	33.23 1.31 0.00	29.39 1.10 0.00
MALONE___115KV_TB1 356076	26.80 -0.86 0.00	24.03 -0.67 0.00	23.20 -0.92 0.00	23.44 -0.85 0.00	23.48 -0.83 0.00	24.44 -0.65 0.00	28.67 -0.56 0.00	31.54 -0.22 0.00	33.22 -0.44 0.00	32.95 -0.78 0.00	33.80 -0.94 0.00	34.56 -0.96 0.00	36.07 -1.27 0.00	37.15 -1.27 0.00	37.86 -1.50 0.00	38.66 -1.53 0.00	39.52 -1.93 8.09	39.85 -2.04 9.12	42.11 -2.07 2.94	41.23 -1.81 0.01	38.96 -1.29 0.00	33.89 -1.01 0.00	30.64 -1.28 0.00	27.18 -1.10 0.00
MAPLEWOD_115KV_TB3 80458	28.60 0.94 0.00	25.59 0.89 0.00	25.04 0.92 0.00	25.19 0.90 0.00	25.23 0.92 0.00	25.94 0.85 0.00	30.11 0.88 0.00	32.49 0.73 0.00	33.92 0.77 0.51	34.12 0.88 0.48	34.76 0.87 0.84	35.63 0.89 0.78	37.59 1.05 0.79	38.86 1.15 0.71	40.11 1.38 0.62	41.08 1.53 0.64	50.20 1.93 1.26	52.41 2.14 0.76	49.38 2.26 0.00	45.28 2.24 0.00	42.18 1.93 0.00	36.27 1.36 0.00	33.07 1.15 0.00	29.22 0.93 0.00
MAPLE_RIDGE_WT_1 323574	26.91 -0.75 0.00	24.00 -0.69 0.00	23.40 -0.72 0.00	23.58 -0.71 0.00	23.66 -0.66 0.00	24.49 -0.60 0.00	28.61 -0.62 0.00	31.19 -0.57 0.00	33.05 -0.60 0.00	33.12 -0.61 0.00	34.08 -0.66 0.00	34.84 -0.68 0.00	36.55 -0.79 0.00	37.50 -0.92 0.00	38.33 -1.02 0.00	39.14 -1.05 0.00	33.37 -1.34 14.83	32.96 -1.33 16.74	40.55 -1.18 5.40	41.99 -1.03 0.01	39.32 -0.92 0.00	34.14 -0.77 0.00	31.12 -0.80 0.00	27.58 -0.71 0.00
MAPLE_RIDGE_WT_2 323611	26.91 -0.75 0.00	24.00 -0.69 0.00	23.40 -0.72 0.00	23.58 -0.71 0.00	23.66 -0.66 0.00	24.49 -0.60 0.00	28.61 -0.62 0.00	31.19 -0.57 0.00	33.05 -0.60 0.00	33.12 -0.61 0.00	34.08 -0.66 0.00	34.84 -0.68 0.00	36.55 -0.79 0.00	37.50 -0.92 0.00	38.33 -1.02 0.00	39.14 -1.05 0.00	33.37 -1.34 14.83	32.96 -1.33 16.74	40.55 -1.18 5.40	41.99 -1.03 0.01	39.32 -0.92 0.00	34.14 -0.77 0.00	31.12 -0.80 0.00	27.58 -0.71 0.00
MARBLE_RIVER_WT_PWR 323696	26.47 -1.19 0.00	23.73 -0.96 0.00	22.92 -1.21 0.00	23.15 -1.14 0.00	23.19 -1.12 0.00	24.16 -0.93 0.00	28.35 -0.88 0.00	31.19 -0.57 0.00	32.91 -0.74 0.00	32.68 -1.05 0.00	33.49 -1.25 0.00	34.20 -1.31 0.00	35.62 -1.72 0.00	36.54 -1.88 0.00	37.43 -1.93 0.00	38.26 -1.93 0.00	38.57 -2.33 8.63	38.98 -2.29 9.74	41.76 -2.21 3.14	41.23 -1.81 0.01	38.68 -1.57 0.00	33.54 -1.36 0.00	30.29 -1.63 0.00	26.87 -1.41 0.00
MARSHVLE_115KV_TB1 80742	30.56 2.90 0.00	27.39 2.69 0.00	26.73 2.61 0.00	26.86 2.57 0.00	26.96 2.65 0.00	27.95 2.86 0.00	32.88 3.65 0.00	35.73 3.97 0.00	37.62 4.17 0.20	37.55 4.01 0.19	38.22 3.82 0.34	39.09 3.87 0.30	41.09 4.07 0.31	42.36 4.23 0.28	43.51 4.41 0.25	44.28 4.34 0.25	54.63 5.60 0.50	57.30 6.58 0.30	53.87 6.74 -0.01	49.54 6.50 0.00	46.09 5.84 0.00	39.51 4.61 0.00	36.13 4.21 0.00	31.74 3.45 0.00
MARSH_HILL_WT_PWR 323713	27.75 0.52 0.43	25.29 0.62 0.02	24.57 0.56 0.10	24.83 0.66 0.12	24.62 0.56 0.25	25.91 1.00 0.18	29.72 1.17 0.68	32.13 1.30 0.94	34.26 1.58 0.98	33.89 1.28 1.12	35.21 1.46 0.98	36.22 1.60 0.90	37.26 1.19 1.27	38.71 1.61 1.32	39.08 1.26 1.54	39.09 0.96 2.07	47.44 1.19 3.28	49.78 1.48 2.72	49.34 2.22 -0.01	45.11 2.07 0.00	41.98 1.73 0.00	36.09 1.19 0.00	33.48 1.56 0.00	29.90 1.61 0.00
MCINTYRE_115KV_TB2 80467	27.27 -0.39 0.00	24.37 -0.32 0.00	23.64 -0.48 0.00	23.85 -0.44 0.00	23.92 -0.39 0.00	24.81 -0.28 0.00	29.05 -0.18 0.00	31.83 0.06 0.00	33.42 -0.24 0.00	33.15 -0.57 0.00	34.08 -0.66 0.00	34.98 -0.53 0.00	36.67 -0.67 0.00	37.61 -0.81 0.00	38.33 -1.02 0.00	39.06 -1.13 0.00	40.12 -2.08 7.33	40.25 -2.50 8.27	42.10 -2.36 2.67	41.05 -1.98 0.01	39.32 -0.93 0.00	34.52 -0.38 0.00	31.41 -0.51 0.00	27.78 -0.51 0.00
MECO____69_KV_BK1 80468	31.83 4.18 0.00	28.52 3.83 0.00	27.74 3.62 0.00	27.88 3.59 0.00	27.98 3.67 0.00	29.10 4.01 0.00	34.31 5.09 0.00	37.19 5.43 0.00	39.07 5.65 0.24	38.93 5.43 0.22	39.31 4.97 0.39	40.21 5.04 0.35	42.35 5.38 0.37	43.47 5.38 0.33	44.69 5.63 0.29	45.88 5.99 0.30	56.77 7.83 0.59	60.26 9.59 0.35	56.74 9.61 -0.01	52.34 9.30 0.00	48.58 8.33 0.00	41.54 6.63 0.00	37.73 5.81 0.00	33.01 4.72 0.00
MENANDS__115KV_TB5 355628	28.46 0.80 0.00	25.49 0.79 0.00	24.94 0.82 0.00	25.12 0.83 0.00	25.16 0.85 0.00	25.87 0.78 0.00	29.99 0.76 0.00	32.30 0.54 0.00	33.72 0.57 0.51	33.95 0.71 0.48	34.59 0.69 0.84	35.45 0.71 0.77	37.41 0.86 0.79	38.67 0.96 0.71	39.91 1.18 0.62	40.88 1.33 0.63	49.96 1.68 1.26	52.10 1.84 0.75	49.10 1.98 0.00	45.02 1.98 0.00	41.94 1.69 0.00	36.09 1.19 0.00	32.88 0.96 0.00	29.05 0.76 0.00
MG INDUSTRY___DRP 24185	28.54 0.89 0.00	25.56 0.86 0.00	25.01 0.89 0.00	25.19 0.90 0.00	25.23 0.92 0.00	25.92 0.83 0.00	30.05 0.82 0.00	32.37 0.60 0.00	33.97 0.57 0.25	34.13 0.64 0.24	34.87 0.56 0.42	35.63 0.50 0.38	37.58 0.63 0.39	38.80 0.73 0.35	39.95 0.91 0.31	40.92 1.04 0.32	50.34 1.44 0.63	52.28 1.63 0.38	48.96 1.84 -0.01	44.89 1.85 0.00	41.90 1.65 0.00	36.09 1.19 0.00	32.91 0.99 0.00	29.10 0.82 0.00
MID___OSWEGATCHIE_HYD 23849	27.44 -0.22 0.00	24.50 -0.20 0.00	23.81 -0.31 0.00	24.00 -0.29 0.00	24.04 -0.27 0.00	24.94 -0.15 0.00	29.23 0.00 0.00	32.02 0.25 0.00	33.72 0.07 0.00	33.49 -0.24 0.00	34.53 -0.21 0.00	35.34 -0.18 0.00	37.08 -0.26 0.00	38.11 -0.31 0.00	38.88 -0.47 0.00	39.63 -0.56 0.00	43.69 -1.24 4.61	44.24 -1.58 5.20	44.08 -1.37 1.68	42.00 -1.03 0.00	39.81 -0.44 0.00	34.76 -0.14 0.00	31.76 -0.16 0.00	28.03 -0.25 0.00

MID___RAQUETTE_HYD 23851	26.99 -0.66 0.00	24.15 -0.54 0.00	23.45 -0.68 0.00	23.63 -0.66 0.00	23.68 -0.63 0.00	24.56 -0.53 0.00	28.73 -0.50 0.00	31.51 -0.25 0.00	33.08 -0.57 0.00	32.75 -0.98 0.00	33.66 -1.08 0.00	34.66 -0.85 0.00	36.44 -0.90 0.00	37.42 -1.00 0.00	38.13 -1.22 0.00	38.90 -1.29 0.00	40.17 -2.43 6.94	40.03 -3.16 7.83	41.53 -3.06 2.52	40.37 -2.67 0.01	38.64 -1.61 0.00	34.03 -0.87 0.00	31.06 -0.86 0.00	27.49 -0.79 0.00
MILLIKEN___1 23584	28.49 0.97 0.14	25.53 0.84 0.01	24.86 0.77 0.03	25.01 0.75 0.04	24.96 0.73 0.08	25.93 0.90 0.06	30.18 1.17 0.22	32.82 1.37 0.31	34.75 1.41 0.32	34.64 1.28 0.36	35.74 1.32 0.32	36.70 1.39 0.20	38.23 1.31 0.41	39.45 1.46 0.43	40.23 1.38 0.50	40.88 1.37 0.67	50.30 1.83 1.07	52.18 2.04 0.88	49.39 2.26 -0.01	45.19 2.15 0.00	42.14 1.89 0.00	36.37 1.47 0.00	33.36 1.44 0.00	29.53 1.24 0.00
MILLIKEN___2 23585	28.49 0.97 0.14	25.53 0.84 0.01	24.86 0.77 0.03	25.01 0.75 0.04	24.96 0.73 0.08	25.93 0.90 0.06	30.18 1.17 0.22	32.82 1.37 0.31	34.75 1.41 0.32	34.64 1.28 0.36	35.74 1.32 0.32	36.70 1.39 0.20	38.23 1.31 0.41	39.45 1.46 0.43	40.23 1.38 0.50	40.88 1.37 0.67	50.30 1.83 1.07	52.18 2.04 0.88	49.39 2.26 -0.01	45.19 2.15 0.00	42.14 1.89 0.00	36.37 1.47 0.00	33.36 1.44 0.00	29.53 1.24 0.00
MILLIKEN___DIESEL 23629	28.49 0.97 0.14	25.53 0.84 0.01	24.86 0.77 0.03	25.01 0.75 0.04	24.96 0.73 0.08	25.93 0.90 0.06	30.18 1.17 0.22	32.82 1.37 0.31	34.75 1.41 0.32	34.64 1.28 0.36	35.74 1.32 0.32	36.70 1.39 0.20	38.23 1.31 0.41	39.45 1.46 0.43	40.23 1.38 0.50	40.88 1.37 0.67	50.30 1.83 1.07	52.18 2.04 0.88	49.39 2.26 -0.01	45.19 2.15 0.00	42.14 1.89 0.00	36.37 1.47 0.00	33.36 1.44 0.00	29.53 1.24 0.00
MILLSEAT___LFGE 323607	27.82 0.80 0.64	25.50 0.84 0.04	24.55 0.58 0.15	24.68 0.56 0.17	24.31 0.37 0.37	25.64 0.83 0.27	28.74 0.53 1.01	30.97 0.60 1.40	33.45 1.25 1.45	32.77 0.71 1.67	34.21 0.94 1.47	34.99 1.03 1.55	36.00 0.56 1.89	37.53 1.07 1.97	37.81 0.75 2.29	37.15 0.04 3.08	44.59 -0.05 4.90	46.91 -0.05 4.06	47.32 0.19 -0.01	43.17 0.13 0.00	40.33 0.08 0.00	34.77 -0.14 0.00	32.33 0.41 0.00	29.22 0.93 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.73 2.07 0.00	26.33 1.63 0.00	25.81 1.69 0.00	25.87 1.58 0.00	25.87 1.56 0.00	26.69 1.61 0.00	32.35 2.02 -1.10	40.91 2.13 -7.02	53.85 2.32 -17.87	54.85 2.56 -18.57	57.64 2.61 -20.29	63.82 2.73 -25.57	71.17 3.02 -30.81	76.57 3.50 -34.66	78.37 3.97 -35.04	80.72 4.10 -36.43	128.38 5.20 -73.64	135.26 5.46 -78.78	115.75 5.37 -63.26	86.55 4.61 -38.90	76.52 4.02 -32.25	53.85 3.14 -15.80	49.24 2.94 -14.39	42.38 2.57 -11.52
MILLWOOD_13_KV_LOAD 356217	29.84 2.18 0.00	26.42 1.73 0.00	25.88 1.76 0.00	25.97 1.68 0.00	25.94 1.63 0.00	26.79 1.71 0.00	32.44 2.10 -1.10	41.01 2.22 -7.02	53.98 2.46 -17.87	54.99 2.70 -18.57	57.81 2.78 -20.29	64.03 2.95 -25.57	71.40 3.25 -30.81	76.84 3.77 -34.66	78.65 4.25 -35.04	80.96 4.34 -36.43	128.67 5.50 -73.64	135.56 5.77 -78.78	116.03 5.65 -63.26	86.81 4.86 -38.90	76.76 4.27 -32.25	53.99 3.28 -15.80	49.37 3.06 -14.39	42.46 2.66 -11.52
MODEL_CITY_ENERGY 24167	27.11 0.08 0.63	24.88 0.22 0.04	24.07 0.10 0.15	24.19 0.07 0.17	23.80 -0.14 0.36	25.10 0.28 0.27	28.06 -0.17 0.99	29.98 -0.41 1.37	32.09 -0.13 1.43	31.62 -0.47 1.64	33.06 -0.24 1.44	33.85 -0.14 1.52	34.88 -0.60 1.86	36.30 -0.19 1.93	36.55 -0.55 2.25	36.12 -1.05 3.02	43.30 -1.44 4.80	45.61 -1.43 3.98	46.00 -1.13 -0.01	41.97 -1.07 0.00	39.12 -1.13 0.00	33.72 -1.19 0.00	31.50 -0.42 0.00	28.57 0.28 0.00
MODERN_LFGE___ 323580	27.11 0.08 0.63	24.88 0.22 0.04	24.07 0.10 0.15	24.19 0.07 0.17	23.80 -0.14 0.36	25.10 0.28 0.27	28.06 -0.17 0.99	29.98 -0.41 1.37	32.09 -0.13 1.43	31.62 -0.47 1.64	33.06 -0.24 1.44	33.85 -0.14 1.52	34.88 -0.60 1.86	36.30 -0.19 1.93	36.55 -0.55 2.25	36.12 -1.05 3.02	43.30 -1.44 4.80	45.61 -1.43 3.98	46.00 -1.13 -0.01	41.97 -1.07 0.00	39.12 -1.13 0.00	33.72 -1.19 0.00	31.50 -0.42 0.00	28.57 0.28 0.00
MOHAWK_PAPER___DRP 24187	28.60 0.94 0.00	25.59 0.89 0.00	25.04 0.92 0.00	25.19 0.90 0.00	25.23 0.92 0.00	25.94 0.85 0.00	30.11 0.88 0.00	32.49 0.73 0.00	33.92 0.77 0.51	34.12 0.88 0.48	34.76 0.87 0.84	35.63 0.89 0.78	37.59 1.05 0.79	38.86 1.15 0.71	40.11 1.38 0.62	41.08 1.53 0.64	50.20 1.93 1.26	52.41 2.14 0.76	49.38 2.26 0.00	45.28 2.24 0.00	42.18 1.93 0.00	36.27 1.36 0.00	33.07 1.15 0.00	29.22 0.93 0.00
MOHICAN__35_KV_115KV_LD 80490	29.10 1.44 0.00	25.91 1.21 0.00	25.30 1.18 0.00	25.46 1.17 0.00	25.53 1.22 0.00	26.32 1.23 0.00	30.72 1.49 0.00	33.16 1.40 0.00	34.70 1.55 0.50	34.90 1.65 0.47	35.51 1.60 0.83	36.42 1.67 0.76	38.39 1.83 0.77	39.53 1.81 0.70	40.67 1.93 0.61	41.82 2.25 0.62	51.12 2.82 1.24	53.65 3.37 0.74	50.23 3.11 0.00	46.23 3.19 0.00	42.87 2.62 0.00	36.82 1.92 0.00	33.68 1.76 0.00	29.70 1.41 0.00
MONGAUP___HYD 23641	29.70 2.05 0.00	26.33 1.63 0.00	25.76 1.64 0.00	25.82 1.53 0.00	25.79 1.48 0.00	26.64 1.56 0.00	30.75 1.78 0.26	32.00 1.91 1.67	32.44 2.05 3.27	32.40 2.16 3.48	33.78 2.23 3.19	33.98 2.31 3.85	34.15 2.61 5.80	34.63 3.07 6.87	35.56 3.34 7.13	36.01 3.25 7.44	38.41 3.96 15.08	37.55 3.83 17.30	36.20 4.00 14.93	37.17 3.40 9.27	35.94 3.38 7.69	33.72 2.58 3.77	31.14 2.65 3.43	27.86 2.32 2.75
MONTAUK___DIESEL 23721	29.54 1.88 0.00	26.05 1.36 0.00	25.50 1.37 0.00	25.58 1.29 0.00	25.43 1.12 0.00	26.47 1.38 0.00	28.83 1.78 2.18	30.80 1.78 2.74	34.05 1.14 0.75	28.23 1.45 6.95	37.77 1.63 -1.40	39.15 1.92 -1.72	39.63 2.17 -0.13	47.60 2.69 -6.49	50.23 3.31 -7.57	51.82 3.78 -7.85	70.04 4.66 -15.85	72.38 5.25 -16.10	66.41 6.50 -12.78	55.80 5.34 -7.42	50.01 3.62 -6.14	43.84 3.94 -4.99	36.78 2.33 -2.53	33.99 3.51 -2.20
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.78 0.69 0.57	25.50 0.84 0.03	24.88 0.89 0.14	25.18 1.04 0.15	24.96 0.97 0.33	26.40 1.56 0.24	29.97 1.64 0.90	32.49 1.97 1.24	34.79 2.42 1.29	34.20 1.96 1.48	36.00 2.57 1.30	36.69 2.56 1.38	37.93 2.28 1.68	39.28 2.61 1.75	39.80 2.48 2.04	39.62 2.17 2.74	47.66 2.48 4.35	50.12 2.70 3.60	50.38 3.25 -0.01	45.88 2.84 0.00	42.66 2.41 0.00	36.72 1.82 0.00	34.00 2.07 0.00	30.58 2.29 0.00
MORTIMER_115KV_TB3 55949	27.61 0.64 0.68	25.30 0.64 0.04	24.39 0.43 0.16	24.50 0.39 0.18	24.19 0.27 0.39	25.38 0.58 0.29	28.62 0.47 1.07	30.85 0.57 1.48	32.82 0.71 1.54	32.40 0.44 1.77	33.88 0.69 1.55	34.58 0.71 1.65	35.89 0.56 2.01	36.99 0.65 2.08	37.44 0.51 2.43	37.25 0.32 3.27	44.65 0.30 5.18	46.93 0.20 4.30	47.13 0.00 0.00	43.00 -0.04 0.00	40.29 0.04 0.00	34.90 0.00 0.00	32.18 0.26 0.00	28.82 0.54 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.04 2.38 0.00	26.52 1.83 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.09 1.77 0.00	26.92 1.83 0.00	31.78 2.34 -0.21	35.62 2.51 -1.35	40.54 2.73 -4.16	40.95 2.97 -4.26	42.90 3.06 -5.11	45.35 3.13 -6.71	47.79 3.40 -7.05	49.98 3.88 -7.68	51.31 4.33 -7.63	52.57 4.46 -7.92	71.15 5.65 -15.97	73.22 5.97 -16.24	65.25 5.84 -12.29	55.52 4.99 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	38.07 3.38 -2.77	33.44 2.94 -2.22
MUNSVILLE_WIND_PWR 323609	30.16 2.66 0.15	26.93 2.25 0.01	26.18 2.10 0.04	26.41 2.16 0.04	26.41 2.19 0.09	27.51 2.48 0.06	32.32 3.33 0.23	35.18 3.75 0.32	37.37 3.94 0.22	37.10 3.64 0.27	38.14 3.54 0.14	39.17 3.80 0.15	40.75 3.66 0.25	42.13 4.00 0.29	42.94 3.97 0.38	43.61 3.98 0.56	53.80 5.10 0.83	55.92 5.66 0.76	52.88 5.75 -0.01	48.68 5.64 0.00	45.40 5.15 0.00	39.09 4.19 0.00	35.81 3.89 0.00	31.59 3.31 0.00
N SALMON___HYD 24042	26.80 -0.86 0.00	24.03 -0.67 0.00	23.20 -0.92 0.00	23.42 -0.87 0.00	23.48 -0.83 0.00	24.44 -0.65 0.00	28.67 -0.56 0.00	31.54 -0.22 0.00	33.22 -0.44 0.00	32.95 -0.77 0.00	33.80 -0.94 0.00	34.59 -0.92 0.00	36.11 -1.23 0.00	37.04 -1.38 0.00	37.86 -1.50 0.00	38.66 -1.53 0.00	39.52 -1.93 8.08	39.85 -2.04 9.12	42.11 -2.07 2.94	41.35 -1.68 0.01	38.96 -1.29 0.00	33.86 -1.05 0.00	30.64 -1.28 0.00	27.18 -1.10 0.00
N.AKRON___115KV_KNAPP 355671	27.82 0.80 0.64	25.52 0.86 0.04	24.57 0.60 0.15	24.70 0.58 0.17	24.33 0.39 0.37	25.67 0.85 0.27	28.78 0.56 1.01	31.00 0.64 1.40	33.31 1.11 1.45	32.67 0.61 1.66	34.28 1.01 1.46	34.96 0.99 1.55	36.12 0.67 1.89	37.38 0.92 1.96	37.82 0.75 2.29	37.24 0.12 3.07	44.65 0.00 4.88	46.97 0.00 4.04	47.27 0.14 -0.01	43.13 0.09 0.00	40.37 0.12 0.00	34.94 0.03 0.00	32.37 0.45 0.00	29.27 0.99 0.00
N.BELMOR_69_KV_BK1 55787	30.15 2.49 0.00	26.60 1.90 0.00	26.03 1.91 0.00	26.14 1.85 0.00	26.04 1.73 0.00	27.02 1.93 0.00	31.78 2.34 -0.21	35.48 2.38 -1.34	38.93 2.02 -3.26	40.24 2.29 -4.22	40.52 2.36 -3.42	41.97 2.52 -3.94	44.15 2.80 -4.01	48.87 3.27 -7.19	50.63 3.70 -7.57	52.20 4.14 -7.87	70.43 5.05 -15.85	72.58 5.46 -16.10	69.19 6.22 -15.85	55.37 4.91 -7.42	50.14 3.74 -6.15	53.83 3.98 -14.95	37.35 2.81 -2.62	33.88 3.39 -2.20
N.E._GEN_SANDY PD 24062	28.87 1.22 0.00	25.73 1.04 0.00	25.21 1.09 0.00	25.36 1.07 0.00	25.41 1.09 0.00	26.14 1.05 0.00	30.48 1.20 -0.05	33.25 1.14 -0.34	32.00 1.18 2.83	32.43 1.31 2.61	30.97 1.39 5.16	32.91 1.49 4.10	34.77 1.68 4.25	37.00 2.07 3.49	38.80 2.28 2.83	39.74 2.41 2.86	47.00 3.07 5.61	52.57 3.22 1.67	53.67 3.39 -3.15	48.12 3.18 -1.89	44.59 2.78 -1.57	38.82 2.09 -1.82	33.35 1.79 0.35	30.40 1.55 -0.56
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.68 2.02 0.00	26.28 1.58 0.00	25.74 1.62 0.00	25.77 1.48 0.00	25.77 1.46 0.00	26.57 1.48 0.00	30.66 1.81 0.38	31.26 1.94 2.45	30.81 2.22 5.07	30.86 2.46 5.32	32.21 2.57 5.10	31.97 2.70 6.24	31.47 2.99 8.86	31.51 3.46 10.37	32.63 3.97 10.70	33.05 4.10 11.24	31.81 5.05 22.78	30.60 5.31 25.72	30.49 5.23 21.86	33.92 4.43 13.55	32.84 3.82 11.23	32.37 2.97 5.50	29.69 2.78 5.01	26.70 2.43 4.01
N.QUEENS_27_KV_LOAD 356247	30.10 2.43 -0.01	26.63 1.93 -0.01	26.08 1.95 -0.01	26.19 1.89 -0.01	26.17 1.85 -0.01	26.97 1.88 0.00	31.92 2.48 -0.20	35.81 2.70 -1.34	40.74 2.93 -4.16	41.15 3.17 -4.25	43.14 3.30 -5.10	45.49 3.27 -6.71	47.94 3.55 -7.06	50.10 4.00 -7.68	51.36 4.37 -7.63	52.57 4.46 -7.92	71.15 5.65 -15.97	73.28 6.02 -16.24	65.26 5.84 -12.29	55.48 4.95 -7.49	50.88 4.43 -6.21	41.67 3.73 -3.03	38.27 3.58 -2.78	33.56 3.05 -2.23
N.TROY___115KV_TB1 355778	28.68 1.02 0.00	25.61 0.91 0.00	25.06 0.94 0.00	25.21 0.92 0.00	25.28 0.97 0.00	26.02 0.93 0.00	30.22 0.99 0.00	32.65 0.89 0.00	33.94 0.94 0.65	34.18 1.08 0.62	34.73 1.08 1.08	35.62 1.10 0.99	37.59 1.27 1.01	38.93 1.42 0.91	40.13 1.57 0.80	41.10 1.73 0.82	50.14 2.23 1.62	52.45 2.40 0.97	49.67 2.54 -0.01	45.58 2.54 0.00	42.46 2.21 0.00	36.51 1.61 0.00	33.26 1.34 0.00	29.42 1.13 0.00
NARROWS_GT1_1 24228	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT1_2 24229	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT1_3 24230	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT1_4 24231	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT1_5 24232	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT1_6 24233	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23

NARROWS_GT1_7 24234	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT1_8 24235	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT2_1 24236	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT2_2 24237	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT2_3 24238	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT2_4 24239	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT2_5 24240	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT2_6 24241	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT2_7 24242	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NARROWS_GT2_8 24243	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.25 5.74 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.48 4.95 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.85 1.19 0.00	25.86 1.16 0.00	25.23 1.11 0.00	25.41 1.12 0.00	25.43 1.12 0.00	26.14 1.05 0.00	30.19 0.96 0.00	32.46 0.70 0.00	34.46 0.91 0.10	34.57 0.94 0.10	35.47 0.90 0.17	36.26 0.75 0.00	38.18 1.01 0.16	39.23 0.96 0.15	40.37 1.14 0.13	41.42 1.37 0.13	51.26 1.98 0.26	53.41 2.55 0.16	49.74 2.59 -0.02	45.71 2.67 0.00	42.58 2.33 0.00	36.44 1.54 0.00	33.13 1.21 0.00	29.25 0.96 0.00
NCHELSEA_115KV_TR2 355582	29.76 2.10 0.00	26.38 1.68 0.00	25.86 1.74 0.00	25.94 1.65 0.00	25.92 1.60 0.00	26.74 1.66 0.00	31.19 1.96 0.00	33.86 2.10 0.00	36.75 2.32 -0.77	37.05 2.60 -0.73	38.73 2.71 -1.28	39.81 2.81 -1.49	41.71 3.17 -1.20	43.11 3.61 -1.08	44.39 4.09 -0.95	45.38 4.22 -0.97	56.85 5.40 -1.92	57.83 5.66 -1.15	52.86 5.61 -0.13	47.90 4.86 0.00	44.48 4.23 0.00	38.08 3.18 0.00	34.86 2.94 0.00	30.83 2.55 0.00
NEG CAPITAL___MECHNVIL 23645	29.09 1.44 0.00	25.95 1.26 0.00	25.37 1.25 0.00	25.55 1.26 0.00	25.57 1.26 0.00	26.37 1.28 0.00	30.69 1.46 0.00	33.19 1.43 0.00	34.61 1.52 0.56	34.81 1.62 0.53	35.48 1.67 0.93	36.40 1.74 0.85	38.37 1.90 0.87	39.67 2.03 0.78	40.79 2.12 0.69	41.86 2.37 0.70	51.12 2.97 1.39	53.55 3.37 0.83	50.47 3.35 -0.01	46.35 3.31 0.00	43.11 2.86 0.00	37.07 2.16 0.00	33.77 1.85 0.00	29.84 1.55 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.05 0.00 0.60	24.71 0.05 0.03	23.86 -0.12 0.14	23.96 -0.17 0.16	23.70 -0.27 0.35	24.81 -0.03 0.26	28.13 -0.15 0.95	30.45 0.00 1.32	32.39 0.10 1.37	32.09 -0.07 1.57	33.36 0.00 1.38	34.13 0.07 1.46	35.37 -0.19 1.78	36.65 0.08 1.85	37.04 -0.16 2.15	36.89 -0.40 2.90	44.39 -0.54 4.60	46.60 -0.61 3.81	46.47 -0.66 0.00	42.40 -0.64 0.00	39.65 -0.60 0.00	34.24 -0.66 0.00	31.57 -0.35 0.00	28.17 -0.11 0.00
NEG CENTRAL___DRP 24199	27.91 0.47 0.22	25.13 0.44 0.01	24.41 0.34 0.05	24.55 0.32 0.06	24.48 0.29 0.13	25.50 0.50 0.09	29.53 0.64 0.34	32.11 0.83 0.48	34.07 0.91 0.50	33.86 0.71 0.57	35.07 0.83 0.50	35.84 0.85 0.53	37.40 0.71 0.64	38.52 0.77 0.67	39.28 0.71 0.78	39.70 0.56 1.05	48.61 0.74 1.67	50.56 0.92 1.38	48.26 1.13 0.00	44.07 1.03 0.00	41.13 0.89 0.00	35.60 0.70 0.00	32.69 0.77 0.00	29.02 0.74 0.00

NEG CENTRAL___INDECK 23768	28.53 1.41 0.54	26.00 1.33 0.03	25.05 1.06 0.13	25.19 1.04 0.14	24.93 0.92 0.31	26.21 1.35 0.23	29.87 1.49 0.85	32.37 1.78 1.17	34.29 1.85 1.22	33.68 1.35 1.39	34.94 1.42 1.23	35.60 1.38 1.30	35.57 -0.19 1.58	36.93 0.15 1.65	37.36 -0.08 1.92	37.29 -0.32 2.58	45.10 -0.34 4.09	47.53 -0.10 3.39	47.50 0.38 -0.01	43.64 0.60 0.00	40.81 0.56 0.00	35.18 0.28 0.00	33.61 1.69 0.00	30.01 1.73 0.00
NEG CENTRAL___SENECA 23627	27.94 0.69 0.41	25.31 0.64 0.02	24.55 0.53 0.10	24.69 0.51 0.11	24.51 0.44 0.24	25.64 0.73 0.17	29.52 0.94 0.65	32.01 1.14 0.90	33.97 1.25 0.93	33.67 1.01 1.07	34.94 1.15 0.94	35.69 1.17 1.00	37.09 0.97 1.21	38.19 1.04 1.26	38.79 0.91 1.47	38.98 0.76 1.98	47.39 0.99 3.14	49.59 1.17 2.60	48.59 1.46 -0.01	44.42 1.38 0.00	41.42 1.17 0.00	35.88 0.98 0.00	32.97 1.05 0.00	29.33 1.05 0.00
NEG CENTRAL___STATE_STREET 24147	28.04 0.39 0.00	25.04 0.35 0.00	24.39 0.27 0.00	24.53 0.24 0.00	24.53 0.22 0.00	25.47 0.38 0.00	29.73 0.50 0.00	32.40 0.64 0.00	34.36 0.71 0.00	34.33 0.61 0.00	35.43 0.69 0.00	36.26 0.75 0.00	38.01 0.67 0.00	39.19 0.77 0.00	40.06 0.71 0.00	40.83 0.64 0.00	50.38 0.84 0.00	51.94 0.92 0.00	48.16 1.04 0.00	44.03 0.99 0.00	41.09 0.85 0.00	35.50 0.59 0.00	32.53 0.61 0.00	28.85 0.57 0.00
NEG MILLWOOD___DRP 24198	29.95 2.30 0.00	26.55 1.85 0.00	26.03 1.91 0.00	26.16 1.87 0.00	26.09 1.77 0.00	26.97 1.88 0.00	31.57 2.28 -0.06	34.55 2.41 -0.37	38.15 2.76 -1.73	38.46 3.00 -1.73	40.17 3.06 -2.38	42.08 3.30 -3.26	43.85 3.66 -2.85	45.58 4.23 -2.94	46.94 4.76 -2.82	47.89 4.78 -2.92	61.49 6.09 -5.86	62.70 6.33 -5.36	56.84 6.22 -3.50	50.49 5.38 -2.07	46.72 4.75 -1.72	39.31 3.56 -0.84	35.94 3.26 -0.77	31.70 2.80 -0.61
NEG NORTH_FLCN_SEA 23793	26.66 -1.00 0.00	23.93 -0.77 0.00	23.01 -1.11 0.00	23.25 -1.04 0.00	23.31 -1.00 0.00	24.39 -0.70 0.00	28.67 -0.56 0.00	31.70 -0.06 0.00	33.38 -0.27 0.00	33.08 -0.64 0.00	33.83 -0.90 0.00	34.52 -0.99 0.00	35.77 -1.57 0.00	36.92 -1.50 0.00	37.66 -1.69 0.00	38.50 -1.69 0.00	39.05 8.60 0.00	39.58 9.70 0.00	42.30 3.13 0.01	41.61 0.01 0.00	39.20 -1.05 0.00	33.89 -1.01 0.00	30.42 -1.50 0.00	27.04 -1.24 0.00
NEG NORTH_KES_CHATEGAY 23792	26.52 -1.13 0.00	23.76 -0.94 0.00	22.96 -1.16 0.00	23.20 -1.09 0.00	23.24 -1.07 0.00	24.19 -0.90 0.00	28.38 -0.85 0.00	31.19 -0.57 0.00	32.91 -0.74 0.00	32.68 -1.05 0.00	33.49 -1.25 0.00	34.20 -1.31 0.00	35.69 -1.64 0.00	36.69 -1.73 0.00	37.46 -1.89 0.00	38.26 -1.93 0.00	38.78 -2.28 8.47	39.21 -2.24 9.56	41.87 -2.17 3.08	41.14 -1.89 0.01	38.72 -1.53 0.00	33.61 -1.29 0.00	30.36 -1.56 0.00	26.93 -1.36 0.00
NEG NORTH___ALICE_FALLS 23915	26.69 -0.97 0.00	23.98 -0.72 0.00	23.04 -1.09 0.00	23.29 -1.00 0.00	23.36 -0.95 0.00	24.41 -0.68 0.00	28.73 -0.50 0.00	31.76 0.00 0.00	33.45 -0.20 0.00	33.12 -0.61 0.00	33.87 -0.87 0.00	34.56 -0.96 0.00	35.84 -1.49 0.00	37.00 -1.42 0.00	37.74 -1.61 0.00	38.54 -1.65 0.00	39.17 -1.78 8.58	39.76 -1.58 9.68	42.40 -1.60 3.12	41.70 -1.33 0.01	39.28 -0.97 0.00	33.93 -0.98 0.00	30.42 -1.50 0.00	27.04 -1.24 0.00
NEG NORTH___LWR_SARANAC 23913	26.69 -0.97 0.00	23.98 -0.72 0.00	23.04 -1.09 0.00	23.29 -1.00 0.00	23.36 -0.95 0.00	24.41 -0.68 0.00	28.73 -0.50 0.00	31.76 0.00 0.00	33.45 -0.20 0.00	33.12 -0.61 0.00	33.87 -0.87 0.00	34.56 -0.96 0.00	35.84 -1.49 0.00	37.00 -1.42 0.00	37.74 -1.61 0.00	38.54 -1.65 0.00	39.17 -1.78 8.58	39.76 -1.58 9.68	42.40 -1.60 3.12	41.70 -1.33 0.01	39.28 -0.97 0.00	33.93 -0.98 0.00	30.42 -1.50 0.00	27.04 -1.24 0.00
NEG NORTH___PLATTSBURG 23628	26.69 -0.97 0.00	23.98 -0.72 0.00	23.04 -1.08 0.00	23.29 -1.00 0.00	23.36 -0.95 0.00	24.41 -0.68 0.00	28.73 -0.50 0.00	31.76 0.00 0.00	33.45 -0.20 0.00	33.12 -0.61 0.00	33.87 -0.87 0.00	34.56 -0.96 0.00	35.84 -1.49 0.00	36.88 -1.54 0.00	37.74 -1.62 0.00	38.54 -1.65 0.00	39.18 -1.78 8.58	39.76 -1.58 9.68	42.40 -1.60 3.12	41.83 -1.20 0.01	39.24 -1.00 0.00	33.89 -1.01 0.00	30.42 -1.50 0.00	27.04 -1.24 0.00
NEG WEST_LEA_LOCKPORT 23791	27.41 0.39 0.63	25.15 0.49 0.04	24.31 0.34 0.15	24.44 0.32 0.17	24.04 0.10 0.36	25.37 0.55 0.27	28.41 0.18 1.00	30.39 0.00 1.38	32.53 0.30 1.43	31.95 -0.13 1.64	33.61 0.31 1.44	34.31 0.32 1.53	35.47 0.00 1.86	36.67 0.19 1.94	37.10 0.00 2.26	36.67 -0.48 3.03	43.92 -0.79 4.82	46.31 -0.71 3.99	46.61 -0.52 -0.01	42.48 -0.56 0.00	39.69 -0.56 0.00	34.31 -0.59 0.00	31.92 0.00 0.00	28.93 0.65 0.00
NEG WEST___LANCASTR 23811	26.82 -0.28 0.57	24.64 -0.02 0.03	23.75 -0.24 0.13	23.87 -0.27 0.15	23.57 -0.41 0.33	24.82 -0.03 0.24	28.07 -0.26 0.89	30.24 -0.29 1.24	32.30 -0.07 1.28	31.81 -0.44 1.47	33.44 0.00 1.29	34.18 0.04 1.37	35.41 -0.26 1.67	36.64 -0.04 1.74	37.17 -0.16 2.02	36.99 -0.48 2.72	44.47 -0.74 4.32	46.78 -0.66 3.58	48.54 1.41 -0.01	44.20 1.16 0.00	41.09 0.85 0.00	35.46 0.56 0.00	32.85 0.93 0.00	29.70 1.41 0.00
NEG_PENN_ALLEGHNY 23528	28.21 0.72 0.16	25.33 0.64 0.01	24.69 0.60 0.04	24.85 0.61 0.04	24.78 0.56 0.09	25.70 0.68 0.07	29.82 0.85 0.26	32.36 0.95 0.36	34.49 1.08 0.24	34.43 1.01 0.30	35.69 1.11 0.15	36.52 1.17 0.17	38.22 1.16 0.28	39.60 1.50 0.32	40.34 1.41 0.42	40.93 1.37 0.62	50.34 1.73 0.92	52.01 1.83 0.84	49.20 2.07 -0.01	44.89 1.85 0.00	41.82 1.57 0.00	36.02 1.12 0.00	33.10 1.18 0.00	29.36 1.07 0.00
NEG___GEN_MONROE 24207	27.81 0.83 0.68	25.47 0.81 0.04	24.52 0.55 0.16	24.62 0.51 0.18	24.31 0.39 0.39	25.53 0.73 0.29	28.75 0.58 1.07	31.05 0.76 1.48	33.77 1.65 1.54	32.98 1.01 1.76	34.51 1.32 1.55	35.15 1.28 1.64	36.27 0.93 2.00	37.49 1.15 2.08	38.00 1.06 2.42	37.14 0.20 3.26	44.51 0.15 5.17	46.94 0.20 4.28	47.22 0.09 0.00	43.13 0.09 0.00	40.45 0.20 0.00	35.04 0.14 0.00	32.37 0.45 0.00	29.05 0.76 0.00
NEPA___ENERGY 23901	27.76 0.66 0.56	25.40 0.74 0.03	24.61 0.63 0.13	24.77 0.63 0.15	24.47 0.49 0.32	25.78 0.93 0.24	29.22 0.88 0.89	31.48 0.95 1.23	33.59 1.21 1.28	33.10 0.84 1.47	34.84 1.39 1.29	35.57 1.42 1.37	36.87 1.19 1.67	38.19 1.50 1.73	38.79 1.46 2.02	38.64 1.17 2.71	46.51 1.29 4.31	48.88 1.43 3.57	49.25 2.12 -0.01	44.85 1.81 0.00	41.70 1.45 0.00	35.92 1.01 0.00	33.26 1.34 0.00	29.90 1.61 0.00
NEVERSINK___HYD 23608	30.06 2.40 0.00	26.57 1.88 0.00	26.03 1.91 0.00	26.06 1.77 0.00	26.01 1.70 0.00	26.90 1.81 0.00	31.17 2.05 0.10	33.45 2.32 0.64	35.26 2.59 0.99	35.44 2.80 1.08	36.94 2.99 0.79	37.69 3.05 0.88	38.96 3.43 1.81	40.16 4.00 2.25	41.36 4.41 2.40	42.22 4.54 2.51	50.43 5.99 5.10	51.15 6.33 6.19	47.66 6.17 5.63	44.81 5.29 3.52	42.00 4.67 2.92	36.90 3.42 1.43	33.84 3.22 1.30	29.98 2.74 1.04

NEWKRMKL_115KV_TB1 55635	28.43 0.77 0.00	25.46 0.77 0.00	24.92 0.80 0.00	25.07 0.78 0.00	25.11 0.80 0.00	25.82 0.73 0.00	29.93 0.70 0.00	32.18 0.41 0.00	33.68 0.47 0.45	33.87 0.57 0.43	34.58 0.59 0.75	35.40 0.57 0.69	37.35 0.71 0.70	38.64 0.85 0.63	39.83 1.02 0.55	40.79 1.17 0.56	49.90 1.49 1.12	51.98 1.63 0.67	48.91 1.79 0.00	44.81 1.76 0.00	41.74 1.49 0.00	35.92 1.01 0.00	32.75 0.83 0.00	28.93 0.65 0.00
NEWTON___FALLS_HYD 23847	27.44 -0.22 0.00	24.50 -0.20 0.00	23.81 -0.31 0.00	24.00 -0.29 0.00	24.04 -0.27 0.00	24.94 -0.15 0.00	29.23 0.00 0.00	32.02 0.25 0.00	33.72 0.07 0.00	33.49 -0.24 0.00	34.53 -0.21 0.00	35.34 -0.18 0.00	37.08 -0.26 0.00	38.11 -0.31 0.00	38.88 -0.47 0.00	39.63 -0.56 0.00	43.69 -1.24 4.61	44.24 -1.58 5.20	44.08 -1.37 1.68	42.00 -1.03 0.00	39.81 -0.44 0.00	34.76 -0.14 0.00	31.76 -0.16 0.00	28.03 -0.25 0.00
NGRID_A1_DSASP 323792	27.11 0.08 0.63	24.91 0.25 0.04	24.12 0.15 0.15	24.24 0.12 0.17	23.85 -0.10 0.36	25.10 0.28 0.27	27.91 -0.32 1.00	29.75 -0.64 1.38	31.82 -0.40 1.43	31.31 -0.77 1.64	32.81 -0.49 1.45	33.60 -0.39 1.53	34.54 -0.93 1.86	35.94 -0.54 1.94	36.19 -0.90 2.26	35.75 -1.41 3.04	42.78 -1.93 4.82	45.14 -1.89 3.99	45.48 -1.65 -0.01	41.45 -1.59 0.00	38.68 -1.57 0.00	33.33 -1.57 0.00	31.19 -0.73 0.00	28.40 0.11 0.00
NGRID_A2_DSASP 323793	27.11 0.08 0.63	24.91 0.25 0.04	24.12 0.15 0.15	24.24 0.12 0.17	23.85 -0.10 0.36	25.10 0.28 0.27	27.91 -0.32 1.00	29.75 -0.64 1.38	31.82 -0.40 1.43	31.31 -0.77 1.64	32.81 -0.49 1.45	33.60 -0.39 1.53	34.54 -0.93 1.86	35.94 -0.54 1.94	36.19 -0.90 2.26	35.75 -1.41 3.04	42.78 -1.93 4.82	45.14 -1.89 3.99	45.48 -1.65 -0.01	41.45 -1.59 0.00	38.68 -1.57 0.00	33.33 -1.57 0.00	31.19 -0.73 0.00	28.40 0.11 0.00
NGRID_A4_DSASP 323807	27.11 0.08 0.63	24.91 0.25 0.04	24.12 0.15 0.15	24.24 0.12 0.17	23.85 -0.10 0.36	25.10 0.28 0.27	27.91 -0.32 1.00	29.75 -0.64 1.38	31.82 -0.40 1.43	31.31 -0.77 1.64	32.81 -0.49 1.45	33.60 -0.39 1.53	34.54 -0.93 1.86	35.94 -0.54 1.94	36.19 -0.90 2.26	35.75 -1.41 3.04	42.78 -1.93 4.82	45.14 -1.89 3.99	45.48 -1.65 -0.01	41.45 -1.59 0.00	38.68 -1.57 0.00	33.33 -1.57 0.00	31.19 -0.73 0.00	28.40 0.11 0.00
NIAGARA_115E_LBMP 323715	26.98 -0.06 0.63	24.73 0.07 0.04	23.92 -0.05 0.15	24.05 -0.07 0.17	23.66 -0.29 0.36	24.95 0.13 0.27	27.89 -0.35 0.99	29.76 -0.64 1.37	31.86 -0.37 1.42	31.38 -0.71 1.63	32.82 -0.49 1.43	33.61 -0.39 1.52	34.63 -0.86 1.85	36.04 -0.46 1.92	36.29 -0.83 2.24	35.85 -1.33 3.01	42.97 -1.78 4.78	45.27 -1.79 3.96	45.67 -1.46 -0.01	41.66 -1.38 0.00	38.84 -1.41 0.00	33.47 -1.43 0.00	31.31 -0.61 0.00	28.40 0.11 0.00
NIAGARA_115W_LBMP 323714	27.05 0.03 0.63	24.86 0.20 0.04	24.07 0.10 0.15	24.19 0.07 0.17	23.80 -0.14 0.36	25.04 0.23 0.27	27.82 -0.41 1.00	29.65 -0.73 1.38	31.72 -0.50 1.43	31.20 -0.88 1.64	32.73 -0.56 1.45	33.49 -0.50 1.53	34.46 -1.01 1.87	35.82 -0.65 1.94	36.07 -1.02 2.26	35.62 -1.53 3.04	42.63 -2.08 4.83	44.98 -2.04 4.00	45.34 -1.79 -0.01	41.32 -1.72 0.00	38.56 -1.69 0.00	33.23 -1.67 0.00	31.09 -0.83 0.00	28.34 0.06 0.00
NIAGARA_230_LBMP 323716	27.21 0.19 0.64	24.98 0.32 0.04	24.16 0.19 0.15	24.29 0.17 0.17	23.92 -0.02 0.37	25.19 0.38 0.27	28.19 -0.03 1.01	30.08 -0.29 1.40	32.17 -0.03 1.45	31.72 -0.34 1.67	33.17 -0.10 1.47	33.96 0.00 1.55	35.00 -0.45 1.89	36.38 -0.08 1.97	36.67 -0.39 2.29	36.23 -0.88 3.08	43.41 -1.24 4.89	45.74 -1.22 4.05	46.04 -1.08 -0.01	42.01 -1.03 0.00	39.20 -1.05 0.00	33.79 -1.12 0.00	31.60 -0.32 0.00	28.65 0.37 0.00
NIAGARA___115KV_198_GIBSON 55903	27.05 0.03 0.63	24.86 0.20 0.04	24.07 0.10 0.15	24.19 0.07 0.17	23.80 -0.15 0.36	25.05 0.23 0.27	27.82 -0.41 1.00	29.65 -0.73 1.38	31.68 -0.54 1.43	31.10 -0.98 1.64	32.80 -0.49 1.45	33.52 -0.46 1.53	34.54 -0.93 1.87	35.71 -0.77 1.94	36.07 -1.02 2.26	35.66 -1.49 3.04	42.68 -2.03 4.83	45.03 -1.99 4.00	45.29 -1.84 -0.01	41.28 -1.76 0.00	38.60 -1.65 0.00	33.37 -1.54 0.00	31.12 -0.80 0.00	28.37 0.08 0.00
NIAGARA____ 23760	27.22 0.19 0.63	24.98 0.32 0.04	24.16 0.19 0.15	24.29 0.17 0.17	23.92 -0.02 0.36	25.20 0.38 0.27	28.21 -0.03 0.99	30.09 -0.29 1.38	32.18 -0.03 1.44	31.74 -0.34 1.65	33.18 -0.10 1.45	33.98 0.00 1.53	35.02 -0.45 1.87	36.40 -0.08 1.94	36.70 -0.39 2.26	36.26 -0.88 3.05	43.46 -1.24 4.84	45.78 -1.22 4.01	46.04 -1.08 -0.01	42.01 -1.03 0.00	39.20 -1.05 0.00	33.79 -1.12 0.00	31.60 -0.32 0.00	28.65 0.37 0.00
NINE_MILE_1 23575	22.19 -0.58 4.88	23.90 -0.52 0.28	22.43 -0.53 1.16	22.42 -0.56 1.31	20.91 -0.58 2.81	22.48 -0.53 2.08	20.91 -0.62 7.70	20.46 -0.64 10.67	21.93 -0.64 11.08	20.34 -0.67 12.71	22.86 -0.69 11.18	22.97 -0.71 11.84	22.09 -0.82 14.42	22.70 -0.73 14.99	21.07 -0.83 17.46	15.82 -0.88 23.49	11.15 -1.09 37.29	19.05 -1.07 30.90	46.18 -0.94 0.00	42.13 -0.91 0.00	39.36 -0.89 0.00	34.07 -0.84 0.00	31.25 -0.67 0.00	27.72 -0.57 0.00
NINE_MILE_2 23744	22.13 -0.58 4.95	23.89 -0.52 0.28	22.42 -0.53 1.17	22.41 -0.56 1.33	20.88 -0.58 2.85	22.45 -0.53 2.11	20.81 -0.62 7.80	20.32 -0.64 10.80	21.79 -0.64 11.22	20.18 -0.67 12.87	22.72 -0.69 11.33	22.81 -0.71 11.99	21.90 -0.82 14.61	22.50 -0.73 15.19	20.88 -0.79 17.69	15.52 -0.88 23.79	10.67 -1.09 37.78	18.65 -1.07 31.30	46.18 -0.94 0.00	42.13 -0.91 0.00	39.36 -0.89 0.00	34.07 -0.84 0.00	31.25 -0.67 0.00	27.72 -0.57 0.00
NM_CAPITAL___DRP 24208	28.43 0.77 0.00	25.46 0.77 0.00	24.92 0.80 0.00	25.07 0.78 0.00	25.14 0.83 0.00	25.82 0.73 0.00	29.93 0.70 0.00	32.24 0.48 0.00	33.66 0.50 0.50	33.89 0.64 0.48	34.53 0.63 0.83	35.39 0.64 0.77	37.30 0.75 0.78	38.60 0.88 0.70	39.84 1.10 0.62	40.81 1.25 0.63	49.87 1.59 1.25	52.01 1.73 0.75	49.01 1.88 0.00	44.89 1.85 0.00	41.86 1.61 0.00	35.99 1.08 0.00	32.81 0.89 0.00	28.99 0.71 0.00
NM_CENTRAL___DRP 24181	27.39 0.06 0.32	24.73 0.05 0.02	24.07 0.02 0.08	24.20 0.00 0.09	24.10 -0.02 0.18	25.00 0.05 0.14	28.84 0.12 0.50	31.26 0.19 0.70	33.13 0.20 0.72	33.00 0.10 0.83	34.18 0.17 0.73	34.96 0.21 0.77	36.54 0.15 0.94	37.67 0.23 0.98	38.41 0.20 1.14	38.78 0.12 1.53	47.25 0.15 2.44	49.20 0.20 2.02	47.36 0.24 0.00	43.26 0.22 0.00	40.37 0.12 0.00	34.87 -0.03 0.00	32.02 0.10 0.00	28.43 0.14 0.00
NM_FRONTIER___DRP 24179	27.05 0.03 0.63	24.86 0.20 0.04	24.07 0.10 0.15	24.19 0.07 0.17	23.80 -0.15 0.36	25.05 0.23 0.27	27.82 -0.41 1.00	29.65 -0.73 1.38	31.68 -0.54 1.43	31.10 -0.98 1.64	32.80 -0.49 1.45	33.52 -0.46 1.53	34.54 -0.93 1.87	35.71 -0.77 1.94	36.07 -1.02 2.26	35.66 -1.49 3.04	42.68 -2.03 4.83	45.03 -1.99 4.00	45.29 -1.84 -0.01	41.28 -1.76 0.00	38.60 -1.65 0.00	33.37 -1.54 0.00	31.12 -0.80 0.00	28.37 0.08 0.00

NM_ST_REGIS___HYD 24053	26.91 -0.75 0.00	24.08 -0.62 0.00	23.32 -0.80 0.00	23.56 -0.73 0.00	23.61 -0.71 0.00	24.49 -0.60 0.00	28.67 -0.56 0.00	31.48 -0.29 0.00	33.08 -0.57 0.00	32.75 -0.98 0.00	33.66 -1.08 0.00	34.59 -0.92 0.00	36.29 -1.05 0.00	37.27 -1.15 0.00	38.02 -1.34 0.00	38.78 -1.41 0.00	39.98 -2.38 7.17	39.96 -2.96 8.10	41.64 -2.87 2.61	40.49 -2.54 0.01	38.64 -1.61 0.00	33.96 -0.94 0.00	30.93 -0.99 0.00	27.38 -0.91 0.00
NORTHPORT___1 23551	29.84 2.18 0.00	26.30 1.60 0.00	25.76 1.64 0.00	25.82 1.53 0.00	25.74 1.43 0.00	26.77 1.68 0.00	31.84 2.40 -0.21	35.39 2.29 -1.34	37.77 1.45 -2.67	39.62 1.69 -4.21	38.48 1.70 -2.05	39.04 1.88 -1.64	39.40 2.05 -0.01	47.40 2.38 -6.60	49.87 2.95 -7.57	51.53 3.49 -7.84	68.79 3.42 -15.84	70.79 3.68 -16.09	64.67 4.85 -12.69	53.59 3.14 -7.41	49.20 2.82 -6.13	42.58 2.97 -4.71	36.42 1.98 -2.52	33.42 2.94 -2.20
NORTHPORT___2 23552	29.84 2.18 0.00	26.30 1.60 0.00	25.76 1.64 0.00	25.82 1.53 0.00	25.74 1.43 0.00	26.77 1.68 0.00	31.84 2.40 -0.21	35.39 2.29 -1.34	37.77 1.45 -2.67	39.62 1.69 -4.21	38.48 1.70 -2.05	39.04 1.88 -1.64	39.40 2.05 -0.01	47.40 2.38 -6.60	49.87 2.95 -7.57	51.53 3.49 -7.84	68.79 3.42 -15.84	70.79 3.68 -16.09	64.67 4.85 -12.69	53.59 3.14 -7.41	49.20 2.82 -6.13	42.58 2.97 -4.71	36.42 1.98 -2.52	33.42 2.94 -2.20
NORTHPORT___3 23553	30.06 2.40 0.00	26.52 1.83 0.00	25.95 1.83 0.00	26.04 1.75 0.00	25.96 1.65 0.00	26.95 1.86 0.00	31.20 1.64 -0.34	34.67 1.49 -1.41	37.34 1.04 -2.64	39.16 1.28 -4.16	38.23 1.42 -2.06	38.58 1.38 -1.68	39.00 1.60 -0.06	47.22 2.19 -6.61	49.68 2.75 -7.57	51.29 3.25 -7.85	68.70 3.32 -15.85	70.59 3.47 -16.10	64.39 4.57 -12.70	53.34 2.88 -7.42	48.81 2.41 -6.14	42.27 2.65 -4.71	36.30 1.85 -2.53	33.48 3.00 -2.20
NORTHPORT___4 23650	30.06 2.40 0.00	26.52 1.83 0.00	25.95 1.83 0.00	26.04 1.75 0.00	25.96 1.65 0.00	26.95 1.86 0.00	31.20 1.64 -0.34	34.67 1.49 -1.41	37.34 1.04 -2.64	39.16 1.28 -4.16	38.23 1.42 -2.06	38.58 1.38 -1.68	39.00 1.60 -0.06	47.22 2.19 -6.61	49.68 2.75 -7.57	51.29 3.25 -7.85	68.70 3.32 -15.85	70.59 3.47 -16.10	64.39 4.57 -12.70	53.34 2.88 -7.42	48.81 2.41 -6.14	42.27 2.65 -4.71	36.30 1.85 -2.53	33.48 3.00 -2.20
NORTHPORT___IC 23718	29.84 2.18 0.00	26.30 1.61 0.00	25.76 1.64 0.00	25.84 1.55 0.00	25.75 1.43 0.00	26.74 1.66 0.00	31.84 2.40 -0.21	35.45 2.35 -1.34	37.80 1.48 -2.67	39.69 1.75 -4.21	38.49 1.70 -2.05	38.58 1.42 -1.64	39.03 1.68 -0.01	47.13 2.11 -6.60	49.44 2.52 -7.57	50.97 2.93 -7.84	68.89 3.52 -15.84	71.04 3.93 -16.09	64.81 4.99 -12.69	54.24 3.79 -7.41	48.92 2.54 -6.13	42.65 3.04 -4.71	36.26 1.82 -2.52	33.51 3.03 -2.20
NORTH___COUNTRY_ESR 323785	26.47 -1.19 0.00	23.71 -0.99 0.00	22.92 -1.21 0.00	23.15 -1.14 0.00	23.19 -1.12 0.00	24.14 -0.95 0.00	28.29 -0.94 0.00	31.09 -0.67 0.00	32.81 -0.84 0.00	32.61 -1.11 0.00	33.42 -1.32 0.00	34.17 -1.35 0.00	35.62 -1.72 0.00	36.50 -1.92 0.00	37.39 -1.97 0.00	38.22 -1.97 0.00	38.69 -2.38 8.47	39.06 -2.40 9.56	41.73 -2.31 3.08	41.10 -1.94 0.01	38.60 -1.65 0.00	33.51 -1.40 0.00	30.29 -1.63 0.00	26.87 -1.41 0.00
NPX_GEN_1385_PROXY 323591	29.84 2.18 0.00	26.30 1.60 0.00	25.76 1.64 0.00	25.82 1.53 0.00	25.74 1.43 0.00	26.77 1.68 0.00	31.84 2.40 -0.21	35.39 2.29 -1.34	37.77 1.45 -2.67	39.62 1.69 -4.21	38.48 1.70 -2.05	39.04 1.88 -1.64	39.40 2.05 -0.01	47.40 2.38 -6.60	49.87 2.95 -7.57	51.53 3.49 -7.84	68.79 3.42 -15.84	70.79 3.68 -16.09	64.67 4.85 -12.69	53.59 3.14 -7.41	49.20 2.82 -6.13	43.63 2.97 -5.76	35.36 1.98 -1.46	33.42 2.94 -2.20
NPX_GEN_CSC 323557	29.51 1.85 0.00	26.00 1.31 0.00	25.45 1.33 0.00	25.53 1.24 0.00	25.43 1.12 0.00	26.44 1.35 0.00	28.80 1.75 2.19	30.63 1.62 2.76	33.83 0.94 0.76	28.89 1.18 6.02	37.42 1.29 -1.40	38.79 1.56 -1.71	39.37 1.90 -0.13	47.33 2.42 -6.49	49.88 2.95 -7.57	51.66 3.62 -7.85	68.95 3.57 -15.85	71.05 3.93 -16.10	65.08 5.18 -12.78	54.25 3.79 -7.42	49.89 3.50 -6.14	44.11 3.18 -6.03	35.34 1.95 -1.48	33.28 2.80 -2.20
NSINS_S_GLNS_FALLS 23858	29.07 1.41 0.00	25.91 1.21 0.00	25.30 1.18 0.00	25.43 1.14 0.00	25.50 1.19 0.00	26.32 1.23 0.00	30.69 1.46 0.00	33.13 1.37 0.00	34.71 1.55 0.49	34.91 1.65 0.47	35.52 1.60 0.82	36.40 1.63 0.75	38.40 1.83 0.76	39.54 1.81 0.69	40.68 1.93 0.60	41.83 2.25 0.61	51.14 2.82 1.22	53.66 3.37 0.73	50.18 3.06 0.00	46.18 3.14 0.00	42.82 2.58 0.00	36.75 1.85 0.00	33.61 1.69 0.00	29.67 1.39 0.00
NUCOR_STEEL___DRP 24197	28.13 0.47 0.00	25.12 0.42 0.00	24.46 0.34 0.00	24.61 0.32 0.00	24.60 0.29 0.00	25.52 0.43 0.00	29.75 0.53 0.00	32.43 0.67 0.00	34.39 0.74 0.00	34.33 0.61 0.00	35.43 0.69 0.00	36.30 0.78 0.00	38.01 0.67 0.00	39.23 0.81 0.00	40.10 0.75 0.00	40.83 0.64 0.00	50.38 0.84 0.00	51.99 0.97 0.00	48.16 1.04 0.00	44.03 0.99 0.00	41.09 0.85 0.00	35.53 0.63 0.00	32.59 0.67 0.00	28.91 0.62 0.00
NUMBER_THREE_WT_PWR 323818	27.88 0.22 0.00	24.85 0.15 0.00	24.19 0.07 0.00	24.36 0.07 0.00	24.43 0.12 0.00	25.34 0.25 0.00	29.72 0.50 0.00	32.59 0.82 0.00	34.43 0.77 0.00	34.33 0.61 0.00	35.54 0.80 0.00	36.12 0.60 0.00	37.82 0.48 0.00	38.92 0.50 0.00	39.75 0.39 0.00	40.51 0.32 0.00	47.90 0.15 1.78	49.11 0.10 2.01	46.80 0.33 0.65	43.69 0.65 0.00	41.01 0.76 0.00	35.53 0.63 0.00	32.46 0.54 0.00	28.54 0.25 0.00
NYISO_LBMP_REFERENCE 24008	27.66 0.00 0.00	24.70 0.00 0.00	24.12 0.00 0.00	24.29 0.00 0.00	24.31 0.00 0.00	25.09 0.00 0.00	29.23 0.00 0.00	31.76 0.00 0.00	33.65 0.00 0.00	33.72 0.00 0.00	34.74 0.00 0.00	35.52 0.00 0.00	37.34 0.00 0.00	38.42 0.00 0.00	39.35 0.00 0.00	40.19 0.00 0.00	49.53 0.00 0.00	51.02 0.00 0.00	47.12 0.00 0.00	43.04 0.00 0.00	40.25 0.00 0.00	34.90 0.00 0.00	31.92 0.00 0.00	28.28 0.00 0.00
NYPA_BRENTWD____GT 24164	30.31 2.66 0.00	26.72 2.03 0.00	26.15 2.03 0.00	26.23 1.94 0.00	26.16 1.85 0.00	27.20 2.11 0.00	31.98 2.78 0.03	35.43 2.73 -0.93	38.12 2.09 -2.37	39.74 2.33 -3.69	39.30 2.47 -2.09	39.64 2.28 -1.84	40.23 2.54 -0.35	48.16 3.11 -6.63	50.67 3.74 -7.57	52.42 4.38 -7.85	69.25 3.87 -15.85	71.31 4.18 -16.10	65.44 5.37 -12.95	54.50 4.04 -7.42	49.97 3.58 -6.14	44.07 3.63 -5.54	36.82 2.36 -2.53	34.02 3.54 -2.20
NYPA_GOWANUS____GT5 24156	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.20 5.69 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.43 4.90 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23

NYPA_GOWANUS____GT6 24157	30.35 2.68 -0.01	26.80 2.10 -0.01	26.27 2.15 -0.01	26.36 2.06 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.16 3.30 -5.12	45.64 3.41 -6.71	47.98 3.58 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.61 4.50 -7.92	71.20 5.69 -15.97	73.38 6.12 -16.24	65.35 5.94 -12.29	55.43 4.90 -7.49	50.96 4.51 -6.21	41.79 3.84 -3.05	42.03 3.67 -6.44	33.68 3.17 -2.23
NYPA_HARLEM__RVR__GT1 24160	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.42 -0.20	35.71 2.61 -1.34	40.57 2.76 -4.16	40.98 3.00 -4.25	43.00 3.16 -5.10	45.42 3.20 -6.70	47.82 3.43 -7.05	50.09 4.00 -7.68	51.15 4.17 -7.63	52.44 4.34 -7.91	70.95 5.45 -15.97	73.07 5.81 -16.24	65.06 5.65 -12.28	55.17 4.65 -7.48	50.71 4.26 -6.20	41.57 3.63 -3.03	38.18 3.48 -2.78	33.48 2.97 -2.23
NYPA_HARLEM__RVR__GT2 24161	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.42 -0.20	35.71 2.61 -1.34	40.57 2.76 -4.16	40.98 3.00 -4.25	43.00 3.16 -5.10	45.42 3.20 -6.70	47.82 3.43 -7.05	50.09 4.00 -7.68	51.15 4.17 -7.63	52.44 4.34 -7.91	70.95 5.45 -15.97	73.07 5.81 -16.24	65.06 5.65 -12.28	55.17 4.65 -7.48	50.71 4.26 -6.20	41.57 3.63 -3.03	38.18 3.48 -2.78	33.48 2.97 -2.23
NYPA_KENT____GT 24152	30.26 2.60 -0.01	26.73 2.03 -0.01	26.20 2.07 -0.01	26.29 1.99 -0.01	26.29 1.97 -0.01	27.12 2.03 0.00	32.02 2.57 -0.22	35.85 2.73 -1.36	40.72 2.89 -4.17	41.10 3.10 -4.27	43.12 3.26 -5.12	45.60 3.38 -6.71	47.94 3.55 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.57 4.46 -7.92	71.20 5.69 -15.97	73.28 6.02 -16.24	65.25 5.84 -12.29	55.39 4.86 -7.49	50.92 4.47 -6.21	41.76 3.81 -3.05	42.25 3.64 -6.69	33.65 3.14 -2.23
NYPA_POUCH1____GT 24155	30.32 2.66 -0.01	26.78 2.07 -0.01	26.25 2.12 -0.01	26.34 2.04 -0.01	26.34 2.02 -0.01	27.17 2.08 0.00	32.02 2.57 -0.22	35.76 2.63 -1.36	40.55 2.72 -4.17	40.96 2.97 -4.27	42.98 3.13 -5.12	45.46 3.23 -6.71	47.79 3.40 -7.06	50.02 3.92 -7.68	51.12 4.13 -7.63	52.41 4.30 -7.92	71.01 5.50 -15.97	73.17 5.92 -16.24	65.16 5.75 -12.29	55.30 4.78 -7.49	50.80 4.35 -6.21	41.69 3.74 -3.05	41.93 3.57 -6.44	33.59 3.08 -2.23
NYPA_VERNON____GT2 24162	30.21 2.54 -0.01	26.68 1.98 -0.01	26.16 2.03 -0.01	26.24 1.94 -0.01	26.22 1.90 -0.01	27.05 1.96 0.00	31.96 2.51 -0.22	35.82 2.70 -1.36	40.72 2.89 -4.17	41.10 3.10 -4.27	43.12 3.26 -5.12	45.56 3.34 -6.71	47.98 3.58 -7.06	50.25 4.15 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.15 5.64 -15.97	73.28 6.02 -16.24	65.21 5.79 -12.29	55.39 4.86 -7.49	50.88 4.43 -6.21	41.69 3.74 -3.05	42.47 3.61 -6.94	33.62 3.11 -2.23
NYPA_VERNON____GT3 24163	30.21 2.54 -0.01	26.68 1.98 -0.01	26.16 2.03 -0.01	26.24 1.94 -0.01	26.22 1.90 -0.01	27.05 1.96 0.00	31.96 2.51 -0.22	35.82 2.70 -1.36	40.72 2.89 -4.17	41.10 3.10 -4.27	43.12 3.26 -5.12	45.56 3.34 -6.71	47.98 3.58 -7.06	50.25 4.15 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.15 5.64 -15.97	73.28 6.02 -16.24	65.21 5.79 -12.29	55.39 4.86 -7.49	50.88 4.43 -6.21	41.69 3.74 -3.05	42.47 3.61 -6.94	33.62 3.11 -2.23
NYPA__ASTORIA_CC1 323568	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.22 1.92 -0.01	26.22 1.90 -0.01	27.02 1.93 0.00	31.93 2.48 -0.22	35.82 2.70 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.09 3.23 -5.12	45.53 3.30 -6.71	47.90 3.51 -7.06	50.17 4.07 -7.68	51.28 4.29 -7.63	52.53 4.42 -7.92	71.05 5.55 -15.97	73.17 5.92 -16.24	65.11 5.70 -12.29	55.30 4.78 -7.49	50.84 4.39 -6.21	41.69 3.74 -3.05	41.93 3.57 -6.44	33.59 3.08 -2.23
NYPA__ASTORIA_CC2 323569	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.22 1.92 -0.01	26.22 1.90 -0.01	27.02 1.93 0.00	31.93 2.48 -0.22	35.82 2.70 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.09 3.23 -5.12	45.53 3.30 -6.71	47.90 3.51 -7.06	50.17 4.07 -7.68	51.28 4.29 -7.63	52.53 4.42 -7.92	71.05 5.55 -15.97	73.17 5.92 -16.24	65.11 5.70 -12.29	55.30 4.78 -7.49	50.84 4.39 -6.21	41.69 3.74 -3.05	41.93 3.57 -6.44	33.59 3.08 -2.23
NYPA__HOLTSVILL 23794	29.73 2.08 0.00	26.20 1.51 0.00	25.64 1.52 0.00	25.72 1.43 0.00	25.65 1.34 0.00	26.64 1.56 0.00	29.03 1.99 2.19	30.91 1.91 2.76	34.13 1.25 0.77	34.13 1.48 1.08	37.69 1.56 -1.39	39.03 1.81 -1.70	39.58 2.13 -0.11	47.52 2.61 -6.49	50.08 3.15 -7.57	51.78 3.74 -7.85	69.10 3.72 -15.85	71.20 4.08 -16.10	65.17 5.28 -12.77	54.11 3.66 -7.42	49.73 3.34 -6.14	43.12 3.28 -4.94	36.59 2.14 -2.53	33.45 2.97 -2.20
NYPA____HELLGATE_GT1 24158	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.42 -0.20	35.71 2.61 -1.34	40.57 2.76 -4.16	40.98 3.00 -4.25	43.00 3.16 -5.10	45.42 3.20 -6.70	47.82 3.43 -7.05	50.09 4.00 -7.68	51.15 4.17 -7.63	52.44 4.34 -7.91	70.95 5.45 -15.97	73.07 5.81 -16.24	65.06 5.65 -12.28	55.17 4.65 -7.48	50.71 4.26 -6.20	41.57 3.63 -3.03	38.18 3.48 -2.78	33.48 2.97 -2.23
NYPA____HELLGATE_GT2 24159	30.04 2.38 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.86 2.42 -0.20	35.71 2.61 -1.34	40.57 2.76 -4.16	40.98 3.00 -4.25	43.00 3.16 -5.10	45.42 3.20 -6.70	47.82 3.43 -7.05	50.09 4.00 -7.68	51.15 4.17 -7.63	52.44 4.34 -7.91	70.95 5.45 -15.97	73.07 5.81 -16.24	65.06 5.65 -12.28	55.17 4.65 -7.48	50.71 4.26 -6.20	41.57 3.63 -3.03	38.18 3.48 -2.78	33.48 2.97 -2.23
NYS_BARGE__HYD 23848	27.41 0.39 0.63	25.13 0.47 0.04	24.28 0.31 0.15	24.43 0.31 0.17	24.04 0.10 0.36	25.35 0.53 0.27	28.38 0.15 1.00	30.38 0.00 1.38	32.55 0.34 1.44	32.04 -0.03 1.65	33.50 0.21 1.45	34.30 0.32 1.53	35.32 -0.15 1.87	36.78 0.31 1.94	37.05 -0.04 2.26	36.58 -0.56 3.04	43.86 -0.84 4.84	46.19 -0.82 4.01	46.61 -0.52 -0.01	42.53 -0.51 0.00	39.65 -0.60 0.00	34.14 -0.77 0.00	31.89 -0.03 0.00	28.88 0.59 0.00
OAK ORCHARD__HYD 24046	27.62 0.64 0.68	25.30 0.64 0.04	24.39 0.43 0.16	24.50 0.39 0.18	24.19 0.27 0.39	25.38 0.58 0.29	28.62 0.47 1.07	30.85 0.57 1.48	32.85 0.74 1.54	32.46 0.51 1.77	33.84 0.66 1.55	34.58 0.71 1.65	35.78 0.45 2.01	37.06 0.73 2.08	37.44 0.51 2.43	37.21 0.28 3.27	44.60 0.25 5.18	46.93 0.20 4.30	47.17 0.05 0.00	43.04 0.00 0.00	40.25 0.00 0.00	34.77 -0.14 0.00	32.17 0.25 0.00	28.82 0.54 0.00
OAKDALE__35_KV_LOAD 356122	28.15 0.66 0.17	25.28 0.59 0.01	24.64 0.55 0.04	24.80 0.56 0.04	24.72 0.51 0.10	25.62 0.60 0.07	29.69 0.73 0.26	32.22 0.83 0.37	34.32 0.91 0.25	34.29 0.88 0.31	35.55 0.97 0.16	36.37 1.03 0.17	38.09 1.05 0.29	39.32 1.23 0.33	40.22 1.30 0.44	40.80 1.25 0.64	50.12 1.54 0.95	51.79 1.63 0.86	49.02 1.88 -0.01	44.72 1.68 0.00	41.66 1.41 0.00	35.95 1.05 0.00	32.97 1.05 0.00	29.27 0.99 0.00

OCC_CHEM___DRP 24175	27.11 0.08 0.63	24.91 0.25 0.04	24.12 0.14 0.15	24.24 0.12 0.17	23.85 -0.10 0.36	25.10 0.28 0.27	27.91 -0.32 1.00	29.75 -0.64 1.38	31.75 -0.47 1.43	31.21 -0.88 1.64	32.91 -0.38 1.45	33.59 -0.39 1.53	34.65 -0.82 1.86	35.83 -0.65 1.94	36.19 -0.91 2.26	35.79 -1.37 3.04	42.83 -1.88 4.82	45.19 -1.84 3.99	45.43 -1.70 -0.01	41.41 -1.64 0.00	38.72 -1.53 0.00	33.47 -1.43 0.00	31.19 -0.73 0.00	28.43 0.14 0.00
OH_GEN_PROXY 24063	27.24 0.22 0.64	24.98 0.32 0.04	24.16 0.19 0.15	24.29 0.17 0.17	23.92 -0.02 0.37	25.19 0.38 0.27	28.22 0.00 1.01	30.14 -0.22 1.40	32.20 0.00 1.45	31.79 -0.27 1.67	33.24 -0.03 1.47	34.03 0.07 1.55	35.07 -0.37 1.89	36.49 0.04 1.97	36.75 -0.32 2.29	36.34 -0.76 3.08	43.55 -1.09 4.89	45.89 -1.07 4.06	46.23 -0.90 -0.01	42.18 -0.86 0.00	39.32 -0.92 0.00	34.94 -1.01 -1.05	30.61 -0.26 1.05	28.68 0.40 0.00
OLIN_CORP_DRP 24177	27.03 0.00 0.62	24.78 0.12 0.04	23.97 0.00 0.15	24.10 -0.02 0.17	23.71 -0.24 0.36	25.02 0.20 0.27	27.95 -0.29 0.98	29.83 -0.57 1.36	31.87 -0.37 1.42	31.36 -0.74 1.62	33.00 -0.31 1.43	33.68 -0.32 1.51	34.82 -0.67 1.84	36.00 -0.50 1.92	36.37 -0.75 2.23	36.02 -1.17 3.00	43.09 -1.68 4.76	45.44 -1.63 3.95	45.71 -1.41 -0.01	41.71 -1.33 0.00	38.96 -1.29 0.00	33.68 -1.22 0.00	31.38 -0.54 0.00	28.48 0.20 0.00
OLIN_CORP_DSASP 323712	27.11 0.08 0.63	24.91 0.25 0.04	24.12 0.15 0.15	24.24 0.12 0.17	23.85 -0.10 0.36	25.10 0.28 0.27	27.91 -0.32 1.00	29.75 -0.64 1.38	31.82 -0.40 1.43	31.31 -0.77 1.64	32.81 -0.49 1.45	33.60 -0.39 1.53	34.54 -0.93 1.86	35.94 -0.54 1.94	36.19 -0.90 2.26	35.75 -1.41 3.04	42.78 -1.93 4.82	45.14 -1.89 3.99	45.48 -1.65 -0.01	41.45 -1.59 0.00	38.68 -1.57 0.00	33.33 -1.57 0.00	31.19 -0.73 0.00	28.40 0.11 0.00
ONEIDA_HERK_LFGE 323681	28.29 0.64 0.00	25.22 0.52 0.00	24.58 0.46 0.00	24.75 0.46 0.00	24.82 0.51 0.00	25.67 0.58 0.00	30.08 0.85 0.00	32.81 1.05 0.00	34.76 1.11 0.00	34.74 1.01 0.00	35.82 1.08 0.00	36.58 1.06 0.00	38.35 1.01 0.00	39.53 1.11 0.00	40.45 1.10 0.00	41.23 1.04 0.00	50.23 1.24 0.54	51.68 1.28 0.61	48.20 1.27 0.20	44.38 1.34 0.00	41.54 1.29 0.00	35.95 1.05 0.00	32.85 0.93 0.00	28.96 0.68 0.00
ONEIDA___115KV_TB4 55905	28.46 0.97 0.16	25.48 0.79 0.01	24.83 0.75 0.04	25.00 0.75 0.04	25.00 0.78 0.09	25.90 0.88 0.07	30.14 1.17 0.26	32.74 1.33 0.35	34.70 1.41 0.37	34.62 1.32 0.42	35.76 1.39 0.37	36.54 1.42 0.39	38.28 1.42 0.48	39.46 1.54 0.50	40.31 1.53 0.58	40.98 1.57 0.78	50.23 1.93 1.24	52.09 2.09 1.02	49.19 2.07 0.00	45.02 1.98 0.00	42.06 1.81 0.00	36.34 1.43 0.00	33.23 1.31 0.00	29.39 1.10 0.00
ONONDAGA_REF_OCCRA 23987	27.63 0.19 0.22	24.83 0.15 0.01	24.19 0.12 0.05	24.33 0.10 0.06	24.26 0.07 0.13	25.14 0.15 0.09	29.14 0.26 0.35	31.63 0.35 0.48	33.52 0.37 0.50	33.42 0.27 0.58	34.58 0.35 0.51	35.37 0.39 0.54	37.02 0.34 0.65	38.16 0.42 0.68	38.95 0.39 0.79	39.44 0.32 1.07	48.29 0.45 1.69	50.13 0.51 1.40	47.73 0.61 0.00	43.60 0.56 0.00	40.65 0.40 0.00	35.11 0.21 0.00	32.24 0.32 0.00	28.60 0.31 0.00
ONONDAGA___COGEN 23986	27.85 0.19 0.00	24.84 0.15 0.00	24.24 0.12 0.00	24.39 0.10 0.00	24.38 0.07 0.00	25.24 0.15 0.00	29.49 0.26 0.00	32.08 0.32 0.00	34.02 0.37 0.00	34.03 0.30 0.00	35.12 0.38 0.00	35.94 0.43 0.00	37.71 0.37 0.00	38.88 0.46 0.00	39.75 0.39 0.00	40.51 0.32 0.00	49.98 0.45 0.00	51.53 0.51 0.00	47.69 0.57 0.00	43.56 0.52 0.00	40.65 0.40 0.00	35.11 0.21 0.00	32.24 0.32 0.00	28.57 0.28 0.00
ONTARIO___LFGE 23819	27.94 0.69 0.41	25.31 0.64 0.02	24.55 0.53 0.10	24.69 0.51 0.11	24.51 0.44 0.24	25.64 0.73 0.17	29.52 0.94 0.65	32.01 1.14 0.90	34.00 1.28 0.93	33.70 1.05 1.07	34.91 1.11 0.94	35.69 1.17 1.00	37.02 0.89 1.21	38.31 1.15 1.26	38.79 0.91 1.47	38.98 0.76 1.98	47.39 0.99 3.14	49.59 1.17 2.60	48.59 1.46 -0.01	44.42 1.38 0.00	41.42 1.17 0.00	35.81 0.91 0.00	32.97 1.05 0.00	29.30 1.02 0.00
ORANGEVILLE_WT_PWR 323706	27.46 0.33 0.53	25.09 0.42 0.03	24.33 0.34 0.13	24.51 0.36 0.14	24.22 0.22 0.30	25.49 0.63 0.23	28.89 0.50 0.84	31.08 0.48 1.16	33.23 0.77 1.20	32.78 0.44 1.38	34.26 0.73 1.21	35.08 0.85 1.28	36.22 0.45 1.56	37.68 0.88 1.63	38.01 0.55 1.89	37.84 0.20 2.55	45.64 0.15 4.04	47.93 0.26 3.35	47.98 0.85 -0.01	43.77 0.73 0.00	40.77 0.52 0.00	35.04 0.14 0.00	32.62 0.70 0.00	29.36 1.07 0.00
ORANGEVILLE___ESR 323794	27.46 0.33 0.53	25.09 0.42 0.03	24.33 0.34 0.13	24.51 0.36 0.14	24.22 0.22 0.30	25.49 0.63 0.23	28.89 0.50 0.84	31.08 0.48 1.16	33.23 0.77 1.20	32.78 0.44 1.38	34.26 0.73 1.21	35.08 0.85 1.28	36.22 0.45 1.56	37.68 0.88 1.63	38.01 0.55 1.89	37.84 0.20 2.55	45.64 0.15 4.04	47.93 0.26 3.35	47.98 0.85 -0.01	43.77 0.73 0.00	40.77 0.52 0.00	35.04 0.14 0.00	32.62 0.70 0.00	29.36 1.07 0.00
OSWEGATCHIE___HYD 24044	27.43 -0.22 0.00	24.50 -0.20 0.00	23.81 -0.31 0.00	24.00 -0.29 0.00	24.04 -0.27 0.00	24.94 -0.15 0.00	29.23 0.00 0.00	32.02 0.25 0.00	33.49 0.07 0.00	34.53 -0.23 0.00	35.34 -0.21 0.00	35.34 -0.18 0.00	37.08 -0.26 0.00	38.03 -0.38 0.00	38.88 -0.47 0.00	39.63 -0.56 0.00	43.69 -1.24 4.60	44.24 -1.58 5.20	44.08 -1.37 1.68	42.05 -0.99 0.00	39.77 -0.48 0.00	34.77 -0.14 0.00	31.76 -0.16 0.00	28.03 -0.26 0.00
OSWEGO___5 23606	29.24 -0.36 -1.94	24.49 -0.32 -0.11	24.24 -0.34 -0.46	24.45 -0.36 -0.52	25.07 -0.36 -1.12	25.59 -0.33 -0.83	31.92 -0.38 -3.07	35.63 -0.38 -4.25	37.70 -0.37 -4.41	38.38 -0.40 -5.06	38.81 -0.38 -4.45	39.81 -0.42 -4.71	42.60 -0.49 -5.74	44.00 -0.38 -5.97	45.84 -0.47 -6.95	48.98 -0.56 -9.35	63.69 -0.69 -14.85	62.66 -0.66 -12.30	46.60 -0.52 0.00	42.53 -0.51 0.00	39.72 -0.52 0.00	34.38 -0.52 0.00	31.50 -0.42 0.00	27.97 -0.31 0.00
OSWEGO___6 23613	29.24 -0.36 -1.94	24.49 -0.32 -0.11	24.24 -0.34 -0.46	24.45 -0.36 -0.52	25.07 -0.36 -1.12	25.59 -0.33 -0.83	31.92 -0.38 -3.07	35.63 -0.38 -4.25	37.70 -0.37 -4.41	38.38 -0.40 -5.06	38.81 -0.38 -4.45	39.81 -0.42 -4.71	42.60 -0.49 -5.74	44.00 -0.38 -5.97	45.84 -0.47 -6.95	48.98 -0.56 -9.35	63.69 -0.69 -14.85	62.66 -0.66 -12.30	46.60 -0.52 0.00	42.53 -0.51 0.00	39.72 -0.52 0.00	34.38 -0.52 0.00	31.50 -0.42 0.00	27.97 -0.31 0.00
OUTOKUMPU-AB___DRP 24206	27.59 0.55 0.62	25.30 0.64 0.04	24.50 0.53 0.15	24.63 0.51 0.17	24.25 0.29 0.36	25.55 0.73 0.26	28.57 0.32 0.98	30.60 0.19 1.35	32.75 0.50 1.41	32.18 0.07 1.61	33.91 0.59 1.42	34.62 0.60 1.50	35.77 0.26 1.83	37.02 0.50 1.90	37.41 0.28 2.21	37.09 -0.12 2.98	44.46 -0.35 4.73	46.79 -0.31 3.92	47.08 -0.05 -0.01	42.87 -0.17 0.00	40.05 -0.20 0.00	34.59 -0.31 0.00	32.14 0.22 0.00	29.16 0.88 0.00

OXBOW___BTM 323836	27.37 0.33 0.63	25.11 0.44 0.04	24.31 0.34 0.15	24.46 0.34 0.17	24.05 0.10 0.36	25.35 0.53 0.27	28.24 0.00 0.99	30.21 -0.19 1.37	32.37 0.14 1.42	31.83 -0.27 1.63	33.34 0.03 1.43	34.14 0.14 1.52	35.15 -0.34 1.85	36.62 0.12 1.92	36.84 -0.27 2.24	36.42 -0.76 3.01	43.67 -1.09 4.78	45.99 -1.07 3.96	46.33 -0.80 -0.01	42.22 -0.82 0.00	39.36 -0.89 0.00	33.89 -1.01 0.00	31.70 -0.22 0.00	28.79 0.51 0.00
OXBOW____ 24026	27.36 0.33 0.63	25.10 0.44 0.04	24.31 0.34 0.15	24.44 0.32 0.17	24.05 0.10 0.36	25.35 0.53 0.27	28.24 0.00 0.99	30.21 -0.19 1.37	32.30 0.07 1.42	31.73 -0.37 1.63	33.44 0.14 1.43	34.14 0.14 1.52	35.27 -0.22 1.85	36.46 -0.04 1.92	36.84 -0.28 2.24	36.50 -0.68 3.01	43.72 -1.04 4.78	46.04 -1.02 3.96	46.28 -0.85 -0.01	42.18 -0.86 0.00	39.40 -0.85 0.00	34.07 -0.84 0.00	31.70 -0.22 0.00	28.82 0.54 0.00
OXY_CHEM_DSASP 323612	27.11 0.08 0.63	24.91 0.25 0.04	24.12 0.14 0.15	24.24 0.12 0.17	23.85 -0.10 0.36	25.10 0.28 0.27	27.91 -0.32 1.00	29.75 -0.64 1.38	31.75 -0.47 1.43	31.21 -0.88 1.64	32.91 -0.38 1.45	33.59 -0.39 1.53	34.65 -0.82 1.86	35.83 -0.65 1.94	36.19 -0.91 2.26	35.79 -1.37 3.04	42.83 -1.88 4.82	45.19 -1.84 3.99	45.43 -1.70 -0.01	41.41 -1.64 0.00	38.72 -1.53 0.00	33.47 -1.43 0.00	31.19 -0.73 0.00	28.43 0.14 0.00
OZONE_PARK_ESR 323760	30.31 2.66 0.00	26.72 2.03 0.00	26.22 2.10 0.00	26.31 2.02 0.00	26.28 1.97 0.00	27.12 2.03 0.00	32.07 2.63 -0.21	35.97 2.86 -1.35	40.92 3.10 -4.17	41.33 3.34 -4.26	43.29 3.44 -5.11	45.71 3.48 -6.71	48.20 3.81 -7.06	50.41 4.30 -7.69	51.79 4.80 -7.64	53.05 4.94 -7.92	71.80 6.29 -15.98	73.90 6.63 -16.24	65.87 6.46 -12.29	56.08 5.55 -7.49	51.33 4.87 -6.21	41.86 3.91 -3.04	38.49 3.80 -2.77	33.76 3.25 -2.22
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.11 0.08 0.63	24.91 0.25 0.04	24.12 0.14 0.15	24.24 0.12 0.17	23.85 -0.10 0.36	25.10 0.28 0.27	27.91 -0.32 1.00	29.75 -0.64 1.38	31.75 -0.47 1.43	31.21 -0.88 1.64	32.91 -0.38 1.45	33.59 -0.39 1.53	34.65 -0.82 1.86	35.83 -0.65 1.94	36.19 -0.91 2.26	35.79 -1.37 3.04	42.83 -1.88 4.82	45.19 -1.84 3.99	45.43 -1.70 -0.01	41.41 -1.64 0.00	38.72 -1.53 0.00	33.47 -1.43 0.00	31.19 -0.73 0.00	28.43 0.14 0.00
PACKARD__115KV_DUPONT_184 80571	27.11 0.08 0.63	24.91 0.25 0.04	24.12 0.14 0.15	24.24 0.12 0.17	23.85 -0.10 0.36	25.10 0.28 0.27	27.91 -0.32 1.00	29.75 -0.47 1.38	31.75 -0.47 1.43	31.21 -0.88 1.64	32.91 -0.38 1.45	33.59 -0.39 1.53	34.65 -0.82 1.86	35.83 -0.65 1.94	36.19 -0.91 2.26	35.79 -1.37 3.04	42.83 -1.88 4.82	45.19 -1.84 3.99	45.43 -1.70 -0.01	41.41 -1.64 0.00	38.72 -1.53 0.00	33.47 -1.43 0.00	31.19 -0.73 0.00	28.43 0.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.07 2.41 -0.01	26.58 1.88 -0.01	26.03 1.91 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.92 1.83 0.00	31.80 2.37 -0.20	35.65 2.54 -1.34	40.57 2.76 -4.16	41.01 3.04 -4.25	42.93 3.09 -5.10	45.32 3.09 -6.71	47.72 3.32 -7.06	49.87 3.77 -7.68	51.16 4.17 -7.63	52.33 4.22 -7.92	70.86 5.35 -15.97	72.92 5.66 -16.24	64.93 5.51 -12.29	55.22 4.69 -7.49	50.64 4.19 -6.21	41.50 3.56 -3.03	38.14 3.45 -2.78	33.51 3.00 -2.23
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.29 2.63 -0.01	26.78 2.07 -0.01	26.23 2.10 -0.01	26.34 2.04 -0.01	26.34 2.02 -0.01	27.10 2.01 0.00	32.03 2.60 -0.20	35.87 2.76 -1.34	40.81 3.00 -4.16	41.22 3.24 -4.25	43.10 3.27 -5.10	45.53 3.30 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.32 4.33 -7.63	52.53 4.42 -7.92	71.30 5.80 -15.97	73.23 5.97 -16.24	65.21 5.80 -12.29	55.48 4.95 -7.49	50.88 4.43 -6.21	41.71 3.77 -3.03	38.37 3.67 -2.78	33.68 3.17 -2.23
PATROON__115KV_TB1 80586	28.51 0.86 0.00	25.51 0.81 0.00	24.97 0.84 0.00	25.12 0.83 0.00	25.16 0.85 0.00	25.87 0.78 0.00	30.02 0.79 0.00	32.27 0.51 0.00	33.76 0.57 0.46	33.99 0.71 0.44	34.66 0.69 0.77	35.48 0.67 0.71	37.48 0.86 0.72	38.73 0.96 0.65	39.93 1.14 0.57	40.94 1.33 0.58	50.02 1.63 1.15	52.17 1.84 0.69	49.10 1.98 0.00	44.93 1.89 0.00	41.90 1.65 0.00	36.02 1.12 0.00	32.85 0.93 0.00	29.02 0.74 0.00
PATTRSNVILLE__SOLAR 323815	29.09 1.44 0.00	26.00 1.31 0.00	25.42 1.30 0.00	25.60 1.31 0.00	25.62 1.31 0.00	26.44 1.35 0.00	30.86 1.64 0.00	33.45 1.68 0.00	35.05 1.75 0.35	35.18 1.79 0.33	35.89 1.74 0.58	36.72 1.74 0.53	38.70 1.90 0.54	40.00 2.07 0.49	41.13 2.20 0.43	42.04 2.29 0.44	51.64 2.97 0.87	53.87 3.37 0.52	50.56 3.44 0.00	46.31 3.27 0.00	43.19 2.94 0.00	37.17 2.27 0.00	33.93 2.01 0.00	29.92 1.64 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.16 0.08 0.58	24.93 0.27 0.03	24.06 0.07 0.14	24.21 0.07 0.16	23.85 -0.12 0.33	25.17 0.33 0.25	28.40 0.09 0.92	30.56 0.06 1.27	32.67 0.34 1.32	32.15 -0.07 1.51	33.82 0.42 1.33	34.57 0.46 1.41	35.77 0.15 1.72	37.06 0.42 1.78	37.55 0.28 2.08	37.36 -0.04 2.79	44.85 -0.25 4.44	47.19 -0.15 3.68	48.45 1.32 -0.01	44.12 1.08 0.00	41.09 0.85 0.00	35.43 0.52 0.00	32.81 0.89 0.00	29.67 1.39 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.95 2.30 0.00	26.55 1.85 0.00	26.03 1.91 0.00	26.16 1.87 0.00	26.09 1.77 0.00	26.97 1.88 0.00	31.57 2.28 -0.06	34.55 2.41 -0.37	38.15 2.76 -1.73	38.46 3.00 -1.73	40.17 3.06 -2.38	42.08 3.30 -3.26	43.85 3.66 -2.85	45.58 4.23 -2.94	46.94 4.76 -2.82	47.89 4.78 -2.92	61.49 6.09 -5.86	62.70 6.33 -5.36	56.84 6.22 -3.50	50.49 5.38 -2.07	46.72 4.75 -1.72	39.31 3.56 -0.84	35.94 3.26 -0.77	31.70 2.80 -0.61
PEEKSKILL____ 23653	29.73 2.08 0.00	26.30 1.60 0.00	25.78 1.66 0.00	25.82 1.53 0.00	25.82 1.51 0.00	26.62 1.53 0.00	32.86 1.90 -1.73	44.80 2.03 -11.00	63.32 2.19 -27.48	64.72 2.39 -28.60	68.18 2.50 -30.94	77.01 2.70 -38.80	87.76 2.95 -47.47	95.57 3.57 -53.58	97.52 3.90 -54.27	100.63 4.02 -56.43	168.74 5.10 -114.10	178.98 5.31 -122.66	151.37 5.23 -99.02	108.38 4.39 -60.94	94.72 3.95 -50.52	62.69 3.04 -24.75	57.30 2.84 -22.54	48.79 2.46 -18.05
PGE MADISON__WINDPWR 24146	30.16 2.66 0.15	26.93 2.25 0.01	26.18 2.10 0.04	26.41 2.16 0.04	26.41 2.19 0.09	27.51 2.48 0.06	32.32 3.33 0.23	35.18 3.75 0.32	37.37 3.94 0.22	37.10 3.64 0.27	38.14 3.54 0.14	39.17 3.80 0.15	40.75 3.66 0.25	42.13 4.00 0.29	42.94 3.97 0.38	43.61 3.98 0.56	53.80 5.10 0.83	55.92 5.66 0.76	52.88 5.75 -0.01	48.68 5.64 0.00	45.40 5.15 0.00	39.09 4.19 0.00	35.81 3.89 0.00	31.59 3.31 0.00
PIERCEFIELD__HYD 23852	26.99 -0.66 0.00	24.15 -0.54 0.00	23.45 -0.68 0.00	23.63 -0.66 0.00	23.68 -0.63 0.00	24.56 -0.53 0.00	28.73 -0.50 0.00	31.51 -0.25 0.00	33.08 -0.57 0.00	32.75 -0.98 0.00	33.66 -1.08 0.00	34.66 -0.85 0.00	36.44 -0.90 0.00	37.42 -1.00 0.00	38.13 -1.22 0.00	38.90 -1.29 0.00	40.17 -2.43 6.94	40.03 -3.16 7.83	41.53 -3.06 2.52	40.37 -2.67 0.01	38.64 -1.61 0.00	34.03 -0.87 0.00	31.06 -0.86 0.00	27.49 -0.79 0.00

PINELAWN_CC_1 323563	30.15 2.49 0.00	26.57 1.88 0.00	26.00 1.88 0.00	26.09 1.80 0.00	26.01 1.70 0.00	27.02 1.93 0.00	31.73 2.40 -0.11	35.28 2.35 -1.16	38.16 1.82 -2.69	39.77 2.06 -3.99	39.33 2.19 -2.40	40.12 2.31 -2.29	41.07 2.61 -1.12	48.40 3.23 -6.75	50.79 3.86 -7.57	52.43 4.38 -7.86	69.99 4.61 -15.85	72.02 4.90 -16.10	66.63 5.99 -13.53	54.72 4.26 -7.42	50.09 3.70 -6.14	46.05 3.74 -7.41	36.99 2.52 -2.55	33.79 3.31 -2.20
PJM_GEN_HTP_PROXY 323702	30.01 2.35 0.00	26.50 1.80 0.00	25.98 1.86 0.00	26.06 1.77 0.00	26.06 1.75 0.00	26.92 1.83 0.00	31.78 2.34 -0.21	35.62 2.51 -1.35	40.48 2.66 -4.17	40.89 2.90 -4.26	42.87 3.02 -5.11	45.39 3.16 -6.71	47.87 3.47 -7.06	50.14 4.03 -7.69	51.36 4.37 -7.64	52.61 4.50 -7.92	71.21 5.69 -15.98	73.23 5.97 -16.25	65.26 5.84 -12.30	55.44 4.90 -7.49	50.85 4.39 -6.21	42.52 3.52 -4.10	37.02 3.38 -1.72	33.42 2.91 -2.22
PJM_GEN_KEystone 24065	28.28 0.91 0.29	25.47 0.79 0.02	24.80 0.75 0.07	24.87 0.66 0.08	24.72 0.58 0.17	25.74 0.78 0.12	29.42 0.85 0.66	30.74 0.86 1.88	31.48 1.04 3.22	31.23 0.98 3.47	32.69 1.22 3.26	32.97 1.35 3.89	33.27 1.31 5.38	34.08 1.84 6.18	34.70 1.85 6.50	39.20 1.77 2.76	49.29 2.18 2.42	54.03 2.35 -0.66	47.55 2.68 2.26	38.41 2.24 6.87	36.45 1.89 5.69	34.46 1.29 1.74	29.80 1.47 3.59	27.72 1.47 2.03
PJM_GEN_NEPTUNE_PROXY 323594	29.90 2.24 0.00	26.38 1.68 0.00	25.81 1.69 0.00	25.89 1.60 0.00	25.84 1.53 0.00	26.80 1.71 0.00	31.48 2.05 -0.21	35.10 2.00 -1.34	37.86 1.62 -2.59	39.83 1.89 -4.21	38.65 2.05 -1.86	39.07 2.20 -1.35	39.30 2.46 0.50	48.05 3.11 -6.52	50.59 3.66 -7.57	52.22 4.18 -7.85	69.84 4.46 -15.85	71.81 4.69 -16.10	65.12 5.70 -12.30	54.41 3.96 -7.42	49.77 3.38 -6.14	42.90 3.52 -4.47	35.80 2.42 -1.46	33.45 2.97 -2.20
PJM_GEN_VFT_PROXY 323633	29.95 2.29 0.00	26.42 1.73 0.00	25.91 1.78 0.00	25.99 1.70 0.00	25.99 1.68 0.00	26.82 1.73 0.00	31.69 2.25 -0.21	35.56 2.45 -1.35	40.45 2.63 -4.17	40.82 2.83 -4.26	42.77 2.92 -5.11	45.17 2.95 -6.71	44.65 3.17 -4.14	45.27 3.77 -3.08	45.23 4.05 -1.82	45.79 4.22 -1.38	53.47 5.35 1.41	55.54 5.66 1.14	47.53 5.51 5.10	46.61 4.61 1.04	45.74 4.11 -1.38	42.38 3.38 -4.09	36.96 3.32 -1.72	33.33 2.83 -2.22
PLATSBURG_115KV_PMLD1 355749	26.63 -1.02 0.00	23.91 -0.79 0.00	23.01 -1.11 0.00	23.25 -1.04 0.00	23.31 -1.00 0.00	24.36 -0.73 0.00	28.67 -0.56 0.00	31.67 -0.10 0.00	33.35 -0.30 0.00	33.05 -0.67 0.00	33.80 -0.94 0.00	34.52 -0.99 0.00	35.77 -1.57 0.00	36.88 -1.54 0.00	37.62 -1.73 0.00	38.46 -1.73 0.00	39.00 -1.93 8.60	39.58 -1.73 9.70	42.30 -1.70 3.13	41.61 -1.42 0.01	39.16 -1.09 0.00	33.86 -1.05 0.00	30.39 -1.53 0.00	27.01 -1.27 0.00
PLEASANTVLY__LBMP 24000	29.40 1.74 0.00	26.08 1.38 0.00	25.59 1.47 0.00	25.72 1.43 0.00	25.72 1.41 0.00	26.52 1.43 0.00	31.07 1.75 -0.09	34.14 1.81 -0.57	37.96 1.95 -2.35	38.28 2.19 -2.36	40.15 2.26 -3.15	42.16 2.38 -4.27	43.85 2.61 -3.90	45.52 3.04 -4.07	46.76 3.46 -3.94	47.85 3.58 -4.08	62.24 4.51 -8.20	63.47 4.74 -7.70	57.13 4.76 -5.25	50.31 4.13 -3.13	46.43 3.58 -2.60	38.97 2.79 -1.27	35.66 2.59 -1.16	31.45 2.23 -0.93
PLSNTVLE_13_KV_13.8KVDIST 80602	29.68 2.02 0.00	26.28 1.58 0.00	25.86 1.74 0.00	25.97 1.68 0.00	25.96 1.65 0.00	26.79 1.71 0.00	31.55 2.16 -0.16	35.07 2.29 -1.02	39.48 2.46 -3.37	39.85 2.70 -3.43	41.78 2.81 -4.23	44.01 2.91 -5.58	46.22 3.21 -5.67	48.21 3.69 -6.11	49.55 4.17 -6.03	50.74 4.30 -6.25	67.58 5.45 -12.59	69.29 5.71 -12.56	62.00 5.61 -9.28	53.53 4.86 -5.63	49.14 4.23 -4.67	40.51 3.32 -2.29	37.10 3.10 -2.08	32.67 2.72 -1.67
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.68 2.02 0.00	26.28 1.58 0.00	25.86 1.74 0.00	25.97 1.68 0.00	25.96 1.65 0.00	26.79 1.71 0.00	31.55 2.16 -0.16	35.07 2.29 -1.02	39.48 2.46 -3.37	39.85 2.70 -3.43	41.78 2.81 -4.23	44.01 2.91 -5.58	46.22 3.21 -5.67	48.21 3.69 -6.11	49.55 4.17 -6.03	50.74 4.30 -6.25	67.58 5.45 -12.59	69.29 5.71 -12.56	62.00 5.61 -9.28	53.53 4.86 -5.63	49.14 4.23 -4.67	40.51 3.32 -2.29	37.10 3.10 -2.08	32.67 2.72 -1.67
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.59 1.94 0.00	26.23 1.53 0.00	25.71 1.59 0.00	25.82 1.53 0.00	25.82 1.51 0.00	26.62 1.53 0.00	31.07 1.84 0.00	33.70 1.94 0.00	36.05 2.12 -0.27	36.34 2.36 -0.26	37.66 2.47 -0.45	39.72 2.56 -1.65	40.64 2.87 -0.42	42.07 3.27 -0.38	43.43 3.74 -0.34	44.39 3.86 -0.34	55.22 5.00 -0.68	56.68 5.25 -0.41	52.49 5.23 -0.14	47.65 4.61 0.00	44.23 3.98 0.00	37.94 3.04 0.00	34.70 2.78 0.00	30.69 2.40 0.00
POLETTI____ 23519	30.01 2.35 0.00	26.50 1.80 0.00	25.98 1.86 0.00	26.06 1.77 0.00	26.06 1.75 0.00	26.90 1.81 0.00	31.75 2.31 -0.21	35.59 2.48 -1.35	40.50 2.69 -4.15	40.94 2.97 -4.25	42.87 3.02 -5.11	45.28 3.05 -6.71	47.76 3.36 -7.06	49.95 3.84 -7.69	51.28 4.29 -7.64	52.53 4.42 -7.92	71.11 5.60 -15.98	73.18 5.92 -16.24	65.21 5.80 -12.29	55.48 4.95 -7.49	50.76 4.31 -6.21	41.40 3.46 -3.04	38.07 3.38 -2.77	33.42 2.91 -2.22
POMONA__ESR 323819	29.68 2.02 0.00	26.28 1.58 0.00	25.74 1.62 0.00	25.75 1.46 0.00	25.77 1.46 0.00	26.57 1.48 0.00	30.66 1.81 0.38	31.26 1.94 2.45	30.74 2.16 5.07	30.80 2.39 5.32	32.17 2.53 5.10	32.01 2.73 6.24	31.50 3.02 8.86	31.66 3.61 10.37	32.63 3.97 10.70	33.05 4.10 11.24	31.81 5.05 22.78	30.60 5.31 25.72	30.45 5.18 21.86	33.79 4.30 13.55	32.88 3.86 11.23	32.36 2.97 5.50	29.68 2.78 5.01	26.67 2.40 4.01
PORT_JEFF_3 23555	29.79 2.13 0.00	26.25 1.56 0.00	25.69 1.57 0.00	25.77 1.48 0.00	25.67 1.36 0.00	26.70 1.61 0.00	29.05 2.05 2.22	30.88 1.94 2.82	34.11 1.28 0.82	33.10 1.55 2.18	37.65 1.53 -1.39	38.97 1.74 -1.71	39.59 2.13 -0.13	47.55 2.65 -6.49	50.00 3.07 -7.57	51.74 3.70 -7.85	68.95 3.57 -15.85	71.05 3.93 -16.10	65.08 5.18 -12.78	54.03 3.57 -7.42	49.65 3.26 -6.14	43.26 3.38 -4.97	36.68 2.23 -2.53	33.54 3.06 -2.20
PORT_JEFF_4 23616	29.79 2.13 0.00	26.25 1.56 0.00	25.69 1.57 0.00	25.77 1.48 0.00	25.67 1.36 0.00	26.70 1.61 0.00	29.05 2.05 2.22	30.88 1.94 2.82	34.11 1.28 0.82	33.10 1.55 2.18	37.65 1.53 -1.39	38.97 1.74 -1.71	39.59 2.13 -0.13	47.55 2.65 -6.49	50.00 3.07 -7.57	51.74 3.70 -7.85	68.95 3.57 -15.85	71.05 3.93 -16.10	65.08 5.18 -12.78	54.03 3.57 -7.42	49.65 3.26 -6.14	43.26 3.38 -4.97	36.68 2.23 -2.53	33.54 3.06 -2.20
PORT_JEFF_IC 23713	29.84 2.18 0.00	26.30 1.61 0.00	25.76 1.64 0.00	25.84 1.55 0.00	25.75 1.43 0.00	26.77 1.68 0.00	28.95 2.08 2.35	30.79 2.06 3.04	34.07 1.41 0.99	33.53 1.69 1.88	37.73 1.63 -1.36	38.92 1.67 -1.74	39.41 1.90 -0.17	47.21 2.31 -6.49	49.56 2.64 -7.57	51.22 3.17 -7.85	69.24 3.86 -15.85	71.41 4.29 -16.10	65.39 5.47 -12.81	54.81 4.35 -7.42	49.29 2.90 -6.14	43.53 3.56 -5.07	36.68 2.23 -2.53	33.73 3.25 -2.20

PPL PILGRIM_ST_GT1 24216	30.31 2.66 0.00	26.72 2.03 0.00	26.15 2.03 0.00	26.23 1.94 0.00	26.16 1.85 0.00	27.20 2.11 0.00	31.98 2.78 0.03	35.43 2.73 -0.93	38.12 2.09 -2.37	39.74 2.33 -3.69	39.30 2.47 -2.09	39.64 2.28 -1.84	40.23 2.54 -0.35	48.16 3.11 -6.63	50.67 3.74 -7.57	52.42 4.38 -7.85	69.25 3.87 -15.85	71.31 4.18 -16.10	65.44 5.37 -12.95	54.50 4.04 -7.42	49.97 3.58 -6.14	44.07 3.63 -5.54	36.82 2.36 -2.53	34.02 3.54 -2.20
PPL PILGRIM_ST_GT2 24217	30.31 2.66 0.00	26.72 2.03 0.00	26.15 2.03 0.00	26.23 1.94 0.00	26.16 1.85 0.00	27.20 2.11 0.00	31.98 2.78 0.03	35.43 2.73 -0.93	38.12 2.09 -2.37	39.74 2.33 -3.69	39.30 2.47 -2.09	39.64 2.28 -1.84	40.23 2.54 -0.35	48.16 3.11 -6.63	50.67 3.74 -7.57	52.42 4.38 -7.85	69.25 3.87 -15.85	71.31 4.18 -16.10	65.44 5.37 -12.95	54.50 4.04 -7.42	49.97 3.58 -6.14	44.07 3.63 -5.54	36.82 2.36 -2.53	34.02 3.54 -2.20
PPL_SHRM_GT3 24213	29.45 1.80 0.00	25.95 1.26 0.00	25.42 1.30 0.00	25.48 1.19 0.00	25.38 1.07 0.00	26.39 1.30 0.00	28.72 1.69 2.21	30.53 1.56 2.79	33.74 0.87 0.79	30.54 1.11 4.30	37.35 1.22 -1.40	38.77 1.53 -1.72	39.35 1.87 -0.15	47.29 2.38 -6.49	49.80 2.87 -7.57	51.62 3.58 -7.85	68.90 3.52 -15.85	71.05 3.93 -16.10	65.14 5.23 -12.79	54.29 3.83 -7.42	49.97 3.58 -6.14	43.10 3.18 -5.02	36.40 1.95 -2.53	33.25 2.77 -2.20
PPL_SHRM_GT4 24214	29.45 1.80 0.00	25.95 1.26 0.00	25.42 1.30 0.00	25.48 1.19 0.00	25.38 1.07 0.00	26.39 1.30 0.00	28.72 1.69 2.21	30.53 1.56 2.79	33.74 0.87 0.79	30.54 1.11 4.30	37.35 1.22 -1.40	38.77 1.53 -1.72	39.35 1.87 -0.15	47.29 2.38 -6.49	49.80 2.87 -7.57	51.62 3.58 -7.85	68.90 3.52 -15.85	71.05 3.93 -16.10	65.14 5.23 -12.79	54.29 3.83 -7.42	49.97 3.58 -6.14	43.10 3.18 -5.02	36.40 1.95 -2.53	33.25 2.77 -2.20
PROJECT___ORANGE 1 24174	27.42 0.08 0.32	24.75 0.07 0.02	24.09 0.05 0.08	24.23 0.02 0.09	24.13 0.00 0.18	25.03 0.08 0.14	28.87 0.15 0.51	31.25 0.19 0.70	33.13 0.20 0.73	33.03 0.13 0.83	34.21 0.21 0.73	34.99 0.25 0.78	36.62 0.22 0.95	37.74 0.31 0.98	38.44 0.24 1.15	38.81 0.16 1.54	47.29 0.20 2.45	49.25 0.26 2.03	47.45 0.33 0.00	43.30 0.26 0.00	40.41 0.16 0.00	34.90 0.00 0.00	32.05 0.13 0.00	28.45 0.17 0.00
PROJECT___ORANGE 2 24166	27.42 0.08 0.32	24.75 0.07 0.02	24.09 0.05 0.08	24.23 0.02 0.09	24.13 0.00 0.18	25.03 0.08 0.14	28.87 0.15 0.51	31.25 0.19 0.70	33.13 0.20 0.73	33.03 0.13 0.83	34.21 0.21 0.73	34.99 0.25 0.78	36.62 0.22 0.95	37.74 0.31 0.98	38.44 0.24 1.15	38.81 0.16 1.54	47.29 0.20 2.45	49.25 0.26 2.03	47.45 0.33 0.00	43.30 0.26 0.00	40.41 0.16 0.00	34.90 0.00 0.00	32.05 0.13 0.00	28.45 0.17 0.00
PUCKETT___SOLAR 323809	28.69 1.19 0.16	25.70 1.01 0.01	25.07 0.99 0.04	25.22 0.97 0.04	25.17 0.95 0.09	26.12 1.10 0.07	30.41 1.43 0.25	32.98 1.56 0.34	35.08 1.65 0.22	34.96 1.52 0.28	36.13 1.53 0.13	36.93 1.56 0.14	38.62 1.53 0.25	39.97 1.77 0.29	40.73 1.77 0.39	41.37 1.77 0.58	50.96 2.28 0.86	52.78 2.55 0.79	50.01 2.87 -0.01	45.75 2.71 0.00	42.66 2.41 0.00	36.72 1.81 0.00	33.71 1.79 0.00	29.84 1.55 0.00
PYRITES___HYD 24023	27.24 -0.41 0.00	24.37 -0.32 0.00	23.64 -0.48 0.00	23.85 -0.44 0.00	23.92 -0.39 0.00	24.84 -0.25 0.00	29.08 -0.15 0.00	31.89 0.13 0.00	33.49 -0.17 0.00	33.18 -0.54 0.00	34.11 -0.63 0.00	35.09 -0.43 0.00	36.81 -0.52 0.00	37.77 -0.65 0.00	38.49 -0.87 0.00	39.18 -1.00 0.00	40.37 -2.03 7.13	40.42 -2.55 8.05	42.08 -2.45 2.60	40.97 -2.07 0.01	39.24 -1.01 0.00	34.49 -0.42 0.00	31.41 -0.51 0.00	27.75 -0.54 0.00
QUAKERRD_115KV_BK1 80622	26.85 -0.14 0.67	24.58 -0.07 0.04	23.72 -0.24 0.16	23.82 -0.29 0.18	23.54 -0.39 0.38	24.65 -0.15 0.28	27.86 -0.32 1.05	30.09 -0.22 1.46	31.97 -0.17 1.51	31.62 -0.37 1.73	33.00 -0.21 1.53	33.69 -0.21 1.62	35.00 -0.37 1.97	36.07 -0.31 2.05	36.54 -0.43 2.38	36.34 -0.64 3.20	43.60 -0.84 5.09	45.83 -0.97 4.22	46.09 -1.04 0.00	42.05 -0.99 0.00	39.36 -0.89 0.00	34.10 -0.80 0.00	31.38 -0.54 0.00	28.03 -0.25 0.00
QUENSBRY_115KV_TB8 356137	29.07 1.41 0.00	25.88 1.19 0.00	25.28 1.16 0.00	25.43 1.14 0.00	25.50 1.19 0.00	26.32 1.23 0.00	30.72 1.49 0.00	33.16 1.40 0.49	34.75 1.58 0.46	34.95 1.69 0.81	35.56 1.63 0.81	36.44 1.67 0.74	38.41 1.83 0.75	39.55 1.81 0.68	40.69 1.93 0.60	41.83 2.25 0.61	51.15 2.82 1.20	53.72 3.42 0.72	50.23 3.11 0.00	46.18 3.14 0.00	42.78 2.54 0.00	36.75 1.85 0.00	33.61 1.69 0.00	29.64 1.36 0.00
RAMAPO___LBMP 323565	29.59 1.94 0.00	26.20 1.51 0.00	25.69 1.57 0.00	25.72 1.43 0.00	25.72 1.41 0.00	26.52 1.43 0.00	30.61 1.78 0.40	31.11 1.87 2.53	30.43 2.05 5.27	30.43 2.29 5.59	31.72 2.36 5.38	31.41 2.49 6.59	30.81 2.76 9.29	30.79 3.23 10.86	31.85 3.70 11.20	32.34 3.82 11.67	30.70 4.80 23.64	29.42 5.05 26.65	29.55 5.04 22.61	33.33 4.30 14.02	32.33 3.70 11.62	32.07 2.86 5.69	29.42 2.68 5.18	26.45 2.32 4.15
RANKINE____ 23646	27.56 0.50 0.59	25.25 0.59 0.03	24.44 0.46 0.14	24.59 0.46 0.16	24.21 0.24 0.34	25.54 0.70 0.25	28.76 0.47 0.93	30.88 0.41 1.29	32.99 0.67 1.34	32.49 0.30 1.54	34.18 0.80 1.35	34.90 0.82 1.43	36.11 0.52 1.75	37.37 0.77 1.82	37.83 0.59 2.11	37.59 0.24 2.84	45.12 0.10 4.52	47.43 0.15 3.74	47.88 0.75 -0.01	43.64 0.60 0.00	40.69 0.44 0.00	35.11 0.21 0.00	32.59 0.67 0.00	29.50 1.22 0.00
RAVENSWOOD_GT2_1 24244	30.04 2.38 0.00	26.52 1.83 0.00	26.00 1.88 0.00	26.11 1.82 0.00	26.09 1.77 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.58 2.76 -4.16	40.99 3.00 -4.26	42.90 3.06 -5.11	45.35 3.13 -6.71	47.79 3.40 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.57 4.46 -7.92	71.15 5.65 -15.97	73.23 5.97 -16.24	65.26 5.84 -12.29	55.52 4.99 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	38.10 3.42 -2.77	33.47 2.97 -2.22
RAVENSWOOD_GT2_2 24245	30.04 2.38 0.00	26.52 1.83 0.00	26.00 1.88 0.00	26.11 1.82 0.00	26.09 1.77 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.58 2.76 -4.16	40.99 3.00 -4.26	42.90 3.06 -5.11	45.35 3.13 -6.71	47.79 3.40 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.57 4.46 -7.92	71.15 5.65 -15.97	73.23 5.97 -16.24	65.26 5.84 -12.29	55.52 4.99 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	38.10 3.42 -2.77	33.47 2.97 -2.22
RAVENSWOOD_GT2_3 24246	30.06 2.41 0.00	26.55 1.85 0.00	26.03 1.91 0.00	26.11 1.82 0.00	26.11 1.80 0.00	26.95 1.86 0.00	31.84 2.40 -0.21	35.66 2.54 -1.35	40.58 2.76 -4.16	41.02 3.04 -4.26	42.94 3.09 -5.11	45.39 3.16 -6.71	47.83 3.44 -7.06	50.02 3.92 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.28 6.02 -16.24	65.30 5.89 -12.29	55.56 5.04 -7.49	50.84 4.39 -6.21	41.51 3.56 -3.04	38.14 3.45 -2.77	33.47 2.97 -2.22

RAVENSWOOD_GT2_4 24247	30.06 2.41 0.00	26.55 1.85 0.00	26.03 1.91 0.00	26.11 1.82 0.00	26.11 1.80 0.00	26.95 1.86 0.00	31.84 2.40 -0.21	35.66 2.54 -1.35	40.58 2.76 -4.16	41.02 3.04 -4.26	42.94 3.09 -5.11	45.39 3.16 -6.71	47.83 3.44 -7.06	50.02 3.92 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.28 6.02 -16.24	65.30 5.89 -12.29	55.56 5.04 -7.49	50.84 4.39 -6.21	41.51 3.56 -3.04	38.14 3.45 -2.77	33.47 2.97 -2.22
RAVENSWOOD_GT3_1 24248	30.04 2.38 0.00	26.52 1.83 0.00	26.03 1.91 0.00	26.11 1.82 0.00	26.09 1.77 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.58 2.76 -4.16	40.99 3.00 -4.26	42.94 3.09 -5.11	45.35 3.13 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.23 5.97 -16.24	65.26 5.84 -12.29	55.52 4.99 -7.49	50.84 4.39 -6.21	41.51 3.56 -3.04	38.10 3.42 -2.77	33.47 2.97 -2.22
RAVENSWOOD_GT3_2 24249	30.04 2.38 0.00	26.52 1.83 0.00	26.03 1.91 0.00	26.11 1.82 0.00	26.09 1.77 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.58 2.76 -4.16	40.99 3.00 -4.26	42.94 3.09 -5.11	45.35 3.13 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.23 5.97 -16.24	65.26 5.84 -12.29	55.52 4.99 -7.49	50.84 4.39 -6.21	41.51 3.56 -3.04	38.10 3.42 -2.77	33.47 2.97 -2.22
RAVENSWOOD_GT3_3 24250	30.09 2.43 0.00	26.57 1.88 0.00	26.05 1.93 0.00	26.14 1.85 0.00	26.11 1.80 0.00	26.97 1.88 0.00	31.87 2.43 -0.21	35.72 2.60 -1.35	40.65 2.83 -4.16	41.05 3.07 -4.26	42.97 3.13 -5.11	45.42 3.20 -6.71	47.90 3.51 -7.06	50.06 3.96 -7.68	51.43 4.45 -7.63	52.69 4.58 -7.92	71.30 5.80 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.61 5.08 -7.49	50.92 4.47 -6.21	41.54 3.60 -3.04	38.17 3.48 -2.77	33.53 3.03 -2.22
RAVENSWOOD_GT3_4 24251	30.09 2.43 0.00	26.57 1.88 0.00	26.05 1.93 0.00	26.14 1.85 0.00	26.11 1.80 0.00	26.97 1.88 0.00	31.87 2.43 -0.21	35.72 2.60 -1.35	40.65 2.83 -4.16	41.05 3.07 -4.26	42.97 3.13 -5.11	45.42 3.20 -6.71	47.90 3.51 -7.06	50.06 3.96 -7.68	51.43 4.45 -7.63	52.69 4.58 -7.92	71.30 5.80 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.61 5.08 -7.49	50.92 4.47 -6.21	41.54 3.60 -3.04	38.17 3.48 -2.77	33.53 3.03 -2.22
RAVENSWOOD_GT_1 23729	30.21 2.54 -0.01	26.68 1.98 -0.01	26.16 2.03 -0.01	26.24 1.94 -0.01	26.22 1.90 -0.01	27.05 1.96 0.00	31.96 2.51 -0.22	35.82 2.70 -1.36	40.76 2.93 -4.17	41.20 3.20 -4.27	43.12 3.27 -5.12	45.49 3.27 -6.71	47.90 3.51 -7.06	50.10 4.00 -7.68	51.39 4.41 -7.63	52.61 4.50 -7.92	71.15 5.65 -15.97	73.23 5.97 -16.24	65.21 5.80 -12.29	55.48 4.95 -7.49	50.88 4.43 -6.21	41.69 3.73 -3.05	42.47 3.61 -6.94	33.62 3.11 -2.23
RAVENSWOOD_GT_10 24258	30.03 2.38 0.00	26.52 1.83 0.00	26.00 1.88 0.00	26.11 1.82 0.00	26.08 1.77 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.65 2.54 -1.35	40.58 2.76 -4.16	40.99 3.00 -4.26	42.90 3.06 -5.11	45.35 3.13 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.23 5.97 -16.24	65.26 5.84 -12.29	55.52 4.99 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	37.73 3.42 -2.40	33.47 2.97 -2.22
RAVENSWOOD_GT_11 24259	30.03 2.38 0.00	26.52 1.83 0.00	26.00 1.88 0.00	26.11 1.82 0.00	26.08 1.77 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.65 2.54 -1.35	40.58 2.76 -4.16	40.99 3.00 -4.26	42.90 3.06 -5.11	45.35 3.13 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.23 5.97 -16.24	65.26 5.84 -12.29	55.52 4.99 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	37.73 3.42 -2.40	33.47 2.97 -2.22
RAVENSWOOD_GT_4 24252	30.03 2.38 0.01	26.52 1.83 0.01	26.00 1.88 0.01	26.08 1.80 0.01	26.06 1.75 0.01	26.92 1.83 0.00	31.77 2.34 -0.21	35.62 2.51 -1.35	40.54 2.73 -4.16	40.98 3.00 -4.26	42.90 3.06 -5.10	45.35 3.13 -6.71	47.79 3.40 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.28 6.02 -16.24	65.30 5.89 -12.29	55.56 5.04 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	35.63 3.38 -0.32	33.44 2.94 -2.21
RAVENSWOOD_GT_5 24254	30.03 2.38 0.01	26.52 1.83 0.01	26.00 1.88 0.01	26.08 1.80 0.01	26.06 1.75 0.01	26.92 1.83 0.00	31.77 2.34 -0.21	35.62 2.51 -1.35	40.54 2.73 -4.16	40.98 3.00 -4.26	42.90 3.06 -5.10	45.35 3.13 -6.71	47.79 3.40 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.28 6.02 -16.24	65.30 5.89 -12.29	55.56 5.04 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	35.63 3.38 -0.32	33.44 2.94 -2.21
RAVENSWOOD_GT_6 24253	30.03 2.38 0.01	26.52 1.83 0.01	26.00 1.88 0.01	26.08 1.80 0.01	26.06 1.75 0.01	26.92 1.83 0.00	31.77 2.34 -0.21	35.62 2.51 -1.35	40.54 2.73 -4.16	40.98 3.00 -4.26	42.90 3.06 -5.10	45.35 3.13 -6.71	47.79 3.40 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.28 6.02 -16.24	65.30 5.89 -12.29	55.56 5.04 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	35.63 3.38 -0.32	33.44 2.94 -2.21
RAVENSWOOD_GT_7 24255	30.03 2.38 0.01	26.52 1.83 0.01	26.00 1.88 0.01	26.08 1.80 0.01	26.06 1.75 0.01	26.92 1.83 0.00	31.77 2.34 -0.21	35.62 2.51 -1.35	40.54 2.73 -4.16	40.98 3.00 -4.26	42.90 3.06 -5.10	45.35 3.13 -6.71	47.79 3.40 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.28 6.02 -16.24	65.30 5.89 -12.29	55.56 5.04 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	35.63 3.38 -0.32	33.44 2.94 -2.21
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.03 2.38 0.00	26.52 1.83 0.00	26.00 1.88 0.00	26.11 1.82 0.00	26.08 1.77 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.65 2.54 -1.35	40.58 2.76 -4.16	40.99 3.00 -4.26	42.90 3.06 -5.11	45.35 3.13 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.23 5.97 -16.24	65.26 5.84 -12.29	55.52 4.99 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	37.73 3.42 -2.40	33.47 2.97 -2.22
RAVENSWOOD_GT_9 24257	30.03 2.38 0.00	26.52 1.83 0.00	26.00 1.88 0.00	26.11 1.82 0.00	26.08 1.77 0.00	26.92 1.83 0.00	31.81 2.37 -0.21	35.65 2.54 -1.35	40.58 2.76 -4.16	40.99 3.00 -4.26	42.90 3.06 -5.11	45.35 3.13 -6.71	47.83 3.44 -7.06	49.98 3.88 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.23 5.97 -16.24	65.26 5.84 -12.29	55.52 4.99 -7.49	50.84 4.39 -6.21	41.47 3.53 -3.04	37.73 3.42 -2.40	33.47 2.97 -2.22
RAVENSWOOD____1 23533	30.18 2.52 -0.01	26.65 1.95 -0.01	26.13 2.00 -0.01	26.22 1.92 -0.01	26.22 1.90 -0.01	27.02 1.93 0.00	31.93 2.48 -0.22	35.79 2.67 -1.36	40.69 2.86 -4.17	41.10 3.10 -4.27	43.09 3.23 -5.12	45.53 3.30 -6.71	47.94 3.55 -7.06	50.22 4.11 -7.68	51.32 4.33 -7.63	52.57 4.46 -7.92	71.15 5.64 -15.97	73.22 5.97 -16.24	65.21 5.79 -12.29	55.35 4.82 -7.49	50.88 4.43 -6.21	41.69 3.74 -3.05	41.93 3.57 -6.44	33.59 3.08 -2.23

RAVENSWOOD___2 23534	30.13 2.46 -0.01	26.58 1.88 -0.01	26.08 1.95 -0.01	26.14 1.85 -0.01	26.14 1.82 -0.01	26.97 1.88 0.00	31.87 2.42 -0.22	35.73 2.61 -1.36	40.59 2.76 -4.17	41.00 3.00 -4.27	42.98 3.13 -5.12	45.46 3.23 -6.71	47.87 3.47 -7.06	50.14 4.03 -7.68	51.08 4.09 -7.63	52.29 4.18 -7.92	70.71 5.20 -15.97	72.77 5.51 -16.24	64.74 5.32 -12.29	55.05 4.52 -7.49	50.72 4.26 -6.21	41.58 3.63 -3.05	41.83 3.48 -6.43	33.51 3.00 -2.23
RAVENSWOOD___3 23535	30.06 2.40 0.00	26.52 1.83 0.00	26.03 1.91 0.00	26.09 1.80 0.00	26.08 1.77 0.00	26.95 1.86 0.00	31.81 2.37 -0.21	35.66 2.54 -1.35	40.54 2.72 -4.16	40.92 2.93 -4.26	42.91 3.06 -5.11	45.42 3.20 -6.71	47.87 3.47 -7.06	50.14 4.03 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.69 -15.97	73.22 5.97 -16.24	65.25 5.84 -12.29	55.43 4.90 -7.49	50.84 4.39 -6.21	41.51 3.56 -3.04	38.11 3.42 -2.77	33.44 2.94 -2.22
RAVENSWOOD___4 23820	30.15 2.49 -0.01	26.63 1.93 -0.01	26.11 1.98 -0.01	26.19 1.90 -0.01	26.19 1.87 -0.01	27.02 1.93 0.00	31.93 2.48 -0.22	35.79 2.67 -1.36	40.65 2.83 -4.17	41.06 3.07 -4.27	43.05 3.19 -5.12	45.49 3.27 -6.71	47.90 3.51 -7.06	50.17 4.07 -7.68	51.28 4.29 -7.63	52.53 4.42 -7.92	71.10 5.60 -15.97	73.17 5.92 -16.24	65.16 5.75 -12.29	55.30 4.78 -7.49	50.84 4.39 -6.21	41.65 3.70 -3.05	41.39 3.54 -5.93	33.56 3.06 -2.22
RCPI_TRUST___DRP 24196	30.06 2.41 0.00	26.55 1.85 0.00	26.03 1.91 0.00	26.11 1.82 0.00	26.11 1.80 0.00	26.95 1.86 0.00	31.84 2.40 -0.21	35.69 2.57 -1.35	40.61 2.79 -4.17	41.06 3.07 -4.26	43.01 3.16 -5.11	45.43 3.20 -6.71	47.91 3.51 -7.06	50.10 4.00 -7.69	51.48 4.49 -7.64	52.73 4.62 -7.92	71.36 5.85 -15.98	73.39 6.12 -16.25	65.40 5.98 -12.30	55.65 5.12 -7.49	50.93 4.47 -6.21	41.51 3.56 -3.04	38.14 3.45 -2.77	33.47 2.97 -2.22
RED___ROCHESTER 323720	27.74 0.77 0.69	25.42 0.77 0.04	24.49 0.53 0.16	24.59 0.49 0.19	24.28 0.37 0.40	25.47 0.68 0.29	28.72 0.58 1.09	31.02 0.76 1.51	33.06 0.98 1.57	32.64 0.71 1.80	34.03 0.87 1.58	34.76 0.92 1.67	35.97 0.67 2.04	37.30 1.00 2.12	37.67 0.79 2.47	37.39 0.52 3.32	44.86 0.60 5.27	47.11 0.46 4.37	47.46 0.33 0.00	43.30 0.26 0.00	40.49 0.24 0.00	35.01 0.11 0.00	32.33 0.41 0.00	28.96 0.68 0.00
REGAN___SOLAR 323812	31.83 4.18 0.00	28.52 3.83 0.00	27.74 3.62 0.00	27.93 3.64 0.00	27.98 3.67 0.00	29.10 4.01 0.00	34.31 5.09 0.00	37.19 5.43 0.00	39.07 5.65 0.24	38.93 5.43 0.22	39.31 4.97 0.39	40.20 5.04 0.35	42.35 5.38 0.37	43.58 5.49 0.33	44.69 5.63 0.29	45.88 5.99 0.30	56.77 7.82 0.59	60.26 9.59 0.35	56.74 9.61 -0.01	52.30 9.26 0.00	48.62 8.37 0.00	41.54 6.63 0.00	37.73 5.81 0.00	32.98 4.70 0.00
RENSSELAER___COGEN 23796	28.35 0.69 0.00	25.39 0.69 0.00	24.84 0.72 0.00	25.02 0.73 0.00	25.07 0.75 0.00	25.74 0.65 0.00	29.84 0.61 0.00	32.11 0.35 0.00	33.54 0.34 0.45	33.73 0.44 0.43	34.44 0.45 0.75	35.29 0.46 0.69	37.23 0.60 0.70	38.60 0.81 0.63	39.71 0.91 0.55	40.67 1.04 0.56	49.75 1.34 1.12	51.83 1.48 0.67	48.81 1.69 0.00	44.68 1.64 0.00	41.66 1.41 0.00	35.85 0.94 0.00	32.69 0.76 0.00	28.91 0.62 0.00
REPUBLIC___115KV_BARTNBRK 55605	30.56 2.90 0.00	27.12 2.42 0.00	26.39 2.27 0.00	26.55 2.26 0.00	26.62 2.31 0.00	27.52 2.43 0.00	32.24 3.01 0.00	34.65 2.89 0.00	36.36 3.20 0.49	36.53 3.27 0.47	37.12 3.20 0.82	38.03 3.27 0.75	40.16 3.58 0.76	41.11 3.38 0.69	42.25 3.50 0.60	43.63 4.06 0.62	53.37 5.05 1.22	56.36 6.07 0.73	53.01 5.89 0.00	49.02 5.98 0.00	45.44 5.19 0.00	38.88 3.98 0.00	35.40 3.48 0.00	31.08 2.80 0.00
REVERE_CPPR_DRP 24186	28.66 1.13 0.13	25.63 0.94 0.01	24.98 0.89 0.03	25.13 0.87 0.03	25.16 0.92 0.07	26.06 1.03 0.05	30.43 1.40 0.20	33.10 1.62 0.28	35.11 1.75 0.29	35.01 1.62 0.33	36.15 1.70 0.29	36.91 1.70 0.31	38.68 1.72 0.38	39.83 1.81 0.39	40.74 1.85 0.46	41.42 1.85 0.62	50.57 2.28 1.24	52.36 2.45 1.10	49.38 2.36 0.09	45.36 2.32 0.00	42.38 2.13 0.00	36.65 1.75 0.00	33.52 1.60 0.00	29.56 1.27 0.00
REYNOLDS___115KV_TB3 80639	28.43 0.77 0.00	25.46 0.77 0.00	24.94 0.82 0.00	25.09 0.80 0.00	25.14 0.83 0.00	25.84 0.75 0.00	29.96 0.73 0.00	32.30 0.54 0.00	33.68 0.57 0.55	33.88 0.67 0.52	34.52 0.69 0.91	35.35 0.67 0.84	37.31 0.82 0.85	38.61 0.96 0.77	39.86 1.18 0.67	40.83 1.33 0.69	49.85 1.68 1.36	52.04 1.84 0.82	49.11 1.98 0.00	45.02 1.98 0.00	41.94 1.69 0.00	36.09 1.19 0.00	32.88 0.96 0.00	29.08 0.79 0.00
RIVERBAY____ 323610	30.29 2.63 -0.01	26.78 2.07 -0.01	26.23 2.10 -0.01	26.34 2.04 -0.01	26.34 2.02 -0.01	27.10 2.01 0.00	32.03 2.60 -0.20	35.87 2.76 -1.34	40.81 3.00 -4.16	41.22 3.24 -4.25	43.10 3.27 -5.10	45.53 3.30 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.32 4.33 -7.63	52.53 4.42 -7.92	71.30 5.80 -15.97	73.23 5.97 -16.24	65.21 5.80 -12.29	55.48 4.95 -7.49	50.88 4.43 -6.21	41.71 3.77 -3.03	38.37 3.67 -2.78	33.68 3.17 -2.23
RIVERSDE___115KV_TB3 55908	28.43 0.77 0.00	25.46 0.77 0.00	24.92 0.80 0.00	25.07 0.78 0.00	25.14 0.83 0.00	25.82 0.73 0.00	29.93 0.70 0.00	32.24 0.48 0.00	33.66 0.50 0.50	33.89 0.64 0.48	34.53 0.63 0.83	35.39 0.64 0.77	37.30 0.75 0.78	38.60 0.88 0.70	39.84 1.10 0.62	40.81 1.25 0.63	49.87 1.59 1.25	52.01 1.73 0.75	49.01 1.88 0.00	44.89 1.85 0.00	41.86 1.61 0.00	35.99 1.08 0.00	32.81 0.89 0.00	28.99 0.71 0.00
ROARING___BROOK_WT_PWR 323790	26.91 -0.75 0.00	24.00 -0.69 0.00	23.40 -0.72 0.00	23.58 -0.71 0.00	23.66 -0.66 0.00	24.49 -0.60 0.00	28.61 -0.62 0.00	31.19 -0.57 0.00	33.05 -0.60 0.00	33.12 -0.61 0.00	34.08 -0.66 0.00	34.84 -0.68 0.00	36.55 -0.79 0.00	37.50 -0.92 0.00	38.33 -1.02 0.00	39.14 -1.05 0.00	33.37 -1.34 14.83	32.96 -1.33 16.74	40.55 -1.18 5.40	41.99 -1.03 0.01	39.32 -0.92 0.00	34.14 -0.77 0.00	31.12 -0.80 0.00	27.58 -0.71 0.00
ROCHESRG___115KV_T4 355643	27.48 0.53 0.70	25.17 0.52 0.04	24.29 0.34 0.17	24.39 0.29 0.19	24.08 0.17 0.40	25.27 0.48 0.30	28.47 0.35 1.11	30.64 0.41 1.53	32.60 0.54 1.59	32.20 0.30 1.83	33.69 0.56 1.61	34.38 0.57 1.70	35.64 0.37 2.07	36.76 0.50 2.16	37.20 0.35 2.51	36.93 0.12 3.38	44.22 0.05 5.36	46.58 0.00 4.44	46.94 -0.19 0.00	42.83 -0.22 0.00	40.09 -0.16 0.00	34.73 -0.17 0.00	32.02 0.10 0.00	28.71 0.42 0.00
ROCHESTER_9_IC 23652	27.63 0.66 0.69	25.32 0.67 0.04	24.42 0.46 0.16	24.52 0.41 0.19	24.20 0.29 0.40	25.40 0.60 0.29	28.61 0.47 1.09	30.89 0.64 1.51	32.83 0.74 1.57	32.43 0.51 1.80	33.92 0.76 1.58	34.62 0.78 1.67	35.90 0.60 2.04	37.03 0.73 2.12	37.48 0.59 2.47	37.23 0.36 3.32	44.61 0.35 5.27	46.91 0.26 4.37	47.22 0.09 0.00	43.04 0.00 0.00	40.33 0.08 0.00	34.94 0.03 0.00	32.21 0.29 0.00	28.85 0.57 0.00

ROCKVIEW_13_KV_LD 356306	30.04 2.38 0.00	26.55 1.85 0.00	26.00 1.88 0.00	26.11 1.82 0.00	26.09 1.77 0.00	26.95 1.86 0.00	31.81 2.37 -0.21	35.62 2.51 -1.35	40.54 2.73 -4.16	40.95 2.97 -4.26	42.94 3.09 -5.11	45.42 3.20 -6.71	47.90 3.51 -7.05	50.13 4.03 -7.68	51.51 4.53 -7.63	52.76 4.66 -7.91	71.39 5.89 -15.96	73.42 6.17 -16.22	65.48 6.08 -12.28	55.73 5.21 -7.48	51.00 4.55 -6.20	41.54 3.60 -3.04	38.07 3.38 -2.77	33.44 2.94 -2.22
ROME____115KV_TB2 80656	28.66 1.13 0.13	25.63 0.94 0.01	24.98 0.89 0.03	25.13 0.87 0.03	25.16 0.92 0.07	26.06 1.03 0.05	30.43 1.40 0.20	33.10 1.62 0.28	35.11 1.75 0.29	35.01 1.62 0.33	36.15 1.70 0.29	36.91 1.70 0.31	38.68 1.72 0.38	39.83 1.81 0.39	40.74 1.85 0.46	41.42 1.85 0.62	50.57 2.28 1.24	52.36 2.45 1.10	49.38 2.36 0.09	45.36 2.32 0.00	42.38 2.13 0.00	36.65 1.75 0.00	33.52 1.60 0.00	29.56 1.27 0.00
ROSETON___1 23587	29.40 1.74 0.00	26.08 1.38 0.00	25.59 1.47 0.00	25.70 1.41 0.00	25.70 1.38 0.00	26.49 1.40 0.00	30.95 1.72 0.00	33.57 1.81 0.00	36.41 1.92 -0.84	36.64 2.13 -0.79	38.35 2.23 -1.39	39.46 2.38 -1.57	41.25 2.61 -1.30	42.74 3.15 -1.17	43.80 3.42 -1.02	44.77 3.54 -1.05	56.12 4.51 -2.07	56.95 4.69 -1.24	51.91 4.67 -0.12	47.00 3.96 0.00	43.79 3.54 0.00	37.63 2.72 0.00	34.47 2.55 0.00	30.49 2.21 0.00
ROSETON___2 23588	29.40 1.74 0.00	26.08 1.38 0.00	25.59 1.47 0.00	25.70 1.41 0.00	25.70 1.38 0.00	26.49 1.40 0.00	30.95 1.72 0.00	33.57 1.81 0.00	36.41 1.92 -0.84	36.64 2.13 -0.79	38.35 2.23 -1.39	39.46 2.38 -1.57	41.25 2.61 -1.30	42.74 3.15 -1.17	43.80 3.42 -1.02	44.77 3.54 -1.05	56.12 4.51 -2.07	56.95 4.69 -1.24	51.91 4.67 -0.12	47.00 3.96 0.00	43.79 3.54 0.00	37.63 2.72 0.00	34.47 2.55 0.00	30.49 2.21 0.00
ROTTDAM_115KV_TB3 80664	28.63 0.97 0.00	25.54 0.84 0.00	24.99 0.87 0.00	25.16 0.87 0.00	25.19 0.88 0.00	25.94 0.85 0.00	30.19 0.96 0.00	32.72 0.95 0.00	34.28 1.01 0.38	34.48 1.11 0.36	35.22 1.11 0.63	36.03 1.10 0.59	37.98 1.23 0.59	39.27 1.38 0.53	40.42 1.53 0.47	41.36 1.65 0.48	50.67 2.08 0.94	52.75 2.30 0.57	49.43 2.31 0.00	45.24 2.20 0.00	42.18 1.93 0.00	36.34 1.43 0.00	33.20 1.28 0.00	29.36 1.07 0.00
RUSSELL___1 23602	27.74 0.77 0.69	25.42 0.77 0.04	24.49 0.53 0.16	24.59 0.49 0.19	24.28 0.36 0.40	25.47 0.68 0.29	28.72 0.58 1.09	31.02 0.76 1.51	33.00 0.91 1.57	32.57 0.64 1.80	34.06 0.90 1.58	34.77 0.92 1.67	36.08 0.78 2.04	37.18 0.88 2.12	37.67 0.79 2.47	37.43 0.56 3.32	44.86 0.59 5.27	47.16 0.51 4.37	47.41 0.28 0.00	43.26 0.22 0.00	40.53 0.28 0.00	35.11 0.21 0.00	32.34 0.41 0.00	28.96 0.68 0.00
RUSSELL___2 23532	27.74 0.77 0.69	25.42 0.77 0.04	24.49 0.53 0.16	24.59 0.49 0.19	24.28 0.36 0.40	25.47 0.68 0.29	28.72 0.58 1.09	31.02 0.76 1.51	33.00 0.91 1.57	32.57 0.64 1.80	34.06 0.90 1.58	34.77 0.92 1.67	36.08 0.78 2.04	37.18 0.88 2.12	37.67 0.79 2.47	37.43 0.56 3.32	44.86 0.59 5.27	47.16 0.51 4.37	47.41 0.28 0.00	43.26 0.22 0.00	40.53 0.28 0.00	35.11 0.21 0.00	32.34 0.41 0.00	28.96 0.68 0.00
RUSSELL___3 23549	27.74 0.77 0.69	25.42 0.77 0.04	24.49 0.53 0.16	24.59 0.49 0.19	24.28 0.36 0.40	25.47 0.68 0.29	28.72 0.58 1.09	31.02 0.76 1.51	33.00 0.91 1.57	32.57 0.64 1.80	34.06 0.90 1.58	34.77 0.92 1.67	36.08 0.78 2.04	37.18 0.88 2.12	37.67 0.79 2.47	37.43 0.56 3.32	44.86 0.59 5.27	47.16 0.51 4.37	47.41 0.28 0.00	43.26 0.22 0.00	40.53 0.28 0.00	35.11 0.21 0.00	32.34 0.41 0.00	28.96 0.68 0.00
RUSSELL___4 23556	27.74 0.77 0.69	25.42 0.77 0.04	24.49 0.53 0.16	24.59 0.49 0.19	24.28 0.36 0.40	25.47 0.68 0.29	28.72 0.58 1.09	31.02 0.76 1.51	33.00 0.91 1.57	32.57 0.64 1.80	34.06 0.90 1.58	34.77 0.92 1.67	36.08 0.78 2.04	37.18 0.88 2.12	37.67 0.79 2.47	37.43 0.56 3.32	44.86 0.59 5.27	47.16 0.51 4.37	47.41 0.28 0.00	43.26 0.22 0.00	40.53 0.28 0.00	35.11 0.21 0.00	32.34 0.41 0.00	28.96 0.68 0.00
RUSSELL___STATION 23914	27.74 0.77 0.69	25.42 0.77 0.04	24.49 0.53 0.16	24.59 0.49 0.19	24.28 0.36 0.40	25.47 0.68 0.29	28.72 0.58 1.09	31.02 0.76 1.51	33.00 0.91 1.57	32.57 0.64 1.80	34.06 0.90 1.58	34.77 0.92 1.67	36.08 0.78 2.04	37.18 0.88 2.12	37.67 0.79 2.47	37.43 0.56 3.32	44.86 0.59 5.27	47.16 0.51 4.37	47.41 0.28 0.00	43.26 0.22 0.00	40.53 0.28 0.00	35.11 0.21 0.00	32.34 0.41 0.00	28.96 0.68 0.00
S SALMON___HYD 24043	27.88 0.00 -0.22	24.68 -0.02 -0.01	24.13 -0.05 -0.05	24.28 -0.07 -0.06	24.37 -0.07 -0.13	25.21 0.03 -0.09	29.73 0.15 -0.35	32.47 0.22 -0.48	34.36 0.20 -0.50	34.44 0.14 -0.58	35.39 0.14 -0.51	36.09 0.04 -0.54	37.92 -0.07 -0.66	39.14 0.04 -0.68	40.07 -0.08 -0.79	41.14 -0.12 -1.07	50.19 -0.19 -1.05	51.39 -0.30 -0.68	46.79 -0.09 0.23	43.08 0.04 0.00	40.29 0.04 0.00	34.90 0.00 0.00	32.08 0.16 0.00	28.37 0.09 0.00
S.PERRY__115KV_TB1 80734	28.53 1.41 0.54	26.00 1.33 0.03	25.05 1.06 0.13	25.19 1.04 0.14	24.93 0.92 0.31	26.22 1.35 0.23	29.87 1.49 0.85	32.37 1.78 1.17	34.22 1.78 1.22	33.61 1.28 1.39	34.97 1.46 1.23	35.60 1.39 1.30	36.95 1.19 1.58	36.81 0.04 1.65	37.36 -0.08 1.92	37.33 -0.28 2.58	45.09 -0.35 4.09	47.53 -0.10 3.39	47.50 0.38 -0.01	43.64 0.60 0.00	40.85 0.60 0.00	36.54 1.64 0.00	33.61 1.69 0.00	30.04 1.75 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.49 0.44 0.61	25.18 0.52 0.04	24.39 0.41 0.15	24.51 0.39 0.16	24.15 0.19 0.35	25.45 0.63 0.26	28.58 0.32 0.97	30.58 0.16 1.34	32.67 0.40 1.39	32.16 0.03 1.60	33.85 0.52 1.41	34.56 0.53 1.49	35.75 0.22 1.81	36.96 0.42 1.88	37.40 0.24 2.19	37.08 -0.16 2.95	44.45 -0.40 4.69	46.83 -0.31 3.88	47.08 -0.05 -0.01	42.91 -0.13 0.00	40.05 -0.20 0.00	34.59 -0.31 0.00	32.18 0.26 0.00	29.13 0.85 0.00
SAWYER___23_KV_LOAD 55526	27.49 0.44 0.61	25.18 0.52 0.04	24.39 0.41 0.15	24.51 0.39 0.16	24.15 0.19 0.35	25.45 0.63 0.26	28.58 0.32 0.97	30.58 0.16 1.34	32.67 0.40 1.39	32.16 0.03 1.60	33.85 0.52 1.41	34.56 0.53 1.49	35.75 0.22 1.81	36.96 0.42 1.88	37.40 0.24 2.19	37.08 -0.16 2.95	44.45 -0.40 4.69	46.83 -0.31 3.88	47.08 -0.05 -0.01	42.91 -0.13 0.00	40.05 -0.20 0.00	34.59 -0.31 0.00	32.18 0.26 0.00	29.13 0.85 0.00
SELKIRK___I 23801	28.54 0.88 0.00	25.56 0.86 0.00	25.01 0.89 0.00	25.21 0.92 0.00	25.23 0.92 0.00	25.92 0.83 0.00	30.05 0.82 0.00	32.37 0.60 0.00	33.97 0.57 0.25	34.09 0.61 0.24	34.87 0.55 0.42	35.67 0.53 0.38	37.62 0.67 0.39	38.83 0.77 0.35	39.95 0.91 0.31	40.92 1.04 0.32	50.34 1.44 0.63	52.28 1.63 0.38	48.96 1.84 -0.01	44.89 1.85 0.00	41.90 1.65 0.00	36.09 1.19 0.00	32.91 0.99 0.00	29.13 0.85 0.00

SELKIRK___II 23799	28.40 0.75 0.00	25.41 0.72 0.00	24.89 0.77 0.00	25.07 0.78 0.00	25.09 0.78 0.00	25.79 0.70 0.00	29.93 0.70 0.00	32.27 0.51 0.00	33.87 0.54 0.32	34.03 0.61 0.31	34.83 0.63 0.53	35.66 0.64 0.50	37.62 0.79 0.50	38.97 1.00 0.45	40.06 1.10 0.39	41.03 1.25 0.40	50.32 1.58 0.80	52.22 1.68 0.48	48.96 1.84 0.00	44.81 1.77 0.00	41.78 1.53 0.00	35.99 1.08 0.00	32.81 0.89 0.00	29.05 0.76 0.00
SENECA OSWGO___HYD 24041	28.01 -0.11 -0.47	24.60 -0.12 -0.03	24.09 -0.14 -0.11	24.27 -0.14 -0.13	24.41 -0.17 -0.27	25.16 -0.12 -0.20	29.88 -0.09 -0.74	32.75 -0.03 -1.02	34.71 0.00 -1.06	34.90 -0.03 -1.21	35.77 -0.03 -1.07	36.54 -0.11 -1.13	38.57 -0.15 -1.38	39.81 -0.04 -1.43	40.86 -0.16 -1.67	42.23 -0.20 -2.24	52.85 -0.25 -3.56	53.77 -0.20 -2.95	47.07 -0.05 0.00	43.00 -0.04 0.00	40.13 -0.12 0.00	34.73 -0.17 0.00	31.86 -0.06 0.00	28.23 -0.06 0.00
SENECA___115KV_TB3 355854	27.62 0.55 0.59	25.28 0.62 0.03	24.46 0.48 0.14	24.62 0.49 0.16	24.26 0.29 0.34	25.59 0.75 0.25	28.79 0.50 0.93	30.95 0.48 1.29	33.05 0.74 1.34	32.56 0.37 1.54	34.25 0.87 1.35	34.97 0.89 1.43	36.19 0.60 1.75	37.45 0.85 1.82	37.95 0.71 2.11	37.67 0.32 2.84	45.22 0.20 4.52	47.53 0.26 3.74	47.98 0.85 -0.01	43.73 0.69 0.00	40.77 0.52 0.00	35.18 0.28 0.00	32.65 0.73 0.00	29.53 1.24 0.00
SENECA___ENERGY 23797	27.78 0.28 0.15	24.96 0.27 0.01	24.25 0.17 0.04	24.40 0.15 0.04	24.34 0.12 0.09	25.35 0.33 0.07	29.43 0.44 0.24	32.00 0.57 0.33	33.98 0.67 0.35	33.83 0.51 0.40	34.94 0.55 0.35	35.71 0.57 0.37	37.26 0.37 0.45	38.53 0.58 0.47	39.24 0.43 0.55	39.74 0.28 0.74	48.76 0.39 1.17	50.61 0.56 0.97	47.88 0.75 0.00	43.73 0.69 0.00	40.81 0.56 0.00	35.25 0.35 0.00	32.43 0.51 0.00	28.79 0.51 0.00
SHOEMAKER___GT 23640	29.43 1.77 0.00	26.10 1.41 0.00	25.57 1.45 0.00	25.65 1.36 0.00	25.65 1.34 0.00	26.44 1.35 0.00	30.60 1.64 0.26	31.80 1.71 1.67	32.24 1.85 3.27	32.27 2.02 3.48	33.67 2.12 3.19	33.94 2.28 3.85	34.04 2.50 5.80	34.59 3.03 6.87	35.53 3.31 7.13	36.17 3.41 7.44	38.71 4.26 15.08	38.15 4.44 17.30	36.62 4.48 14.93	37.56 3.79 9.27	35.94 3.38 7.69	33.68 2.55 3.77	30.89 2.40 3.43	27.60 2.06 2.75
SHOEMAKR_138KV_BK 111 55601	29.40 1.74 0.00	26.08 1.38 0.00	25.57 1.45 0.00	25.65 1.36 0.00	25.65 1.34 0.00	26.44 1.35 0.00	30.61 1.64 0.25	31.87 1.72 1.61	32.42 1.88 3.12	32.49 2.09 3.33	33.87 2.15 3.02	34.11 2.24 3.65	34.30 2.50 5.54	34.73 2.88 6.57	35.83 3.31 6.83	36.48 3.42 7.12	39.35 4.26 14.45	38.86 4.44 16.60	37.25 4.48 14.35	38.00 3.87 8.92	36.24 3.38 7.39	33.83 2.55 3.62	31.02 2.39 3.30	27.71 2.06 2.64
SHOREHAM_IC_1 23715	29.45 1.80 0.00	25.95 1.26 0.00	25.42 1.30 0.00	25.48 1.19 0.00	25.38 1.07 0.00	26.39 1.30 0.00	28.72 1.69 2.21	30.53 1.56 2.79	33.74 0.87 0.79	30.54 1.11 4.30	37.35 1.22 -1.40	38.77 1.53 -1.72	39.35 1.87 -0.15	47.29 2.38 -6.49	49.80 2.87 -7.57	51.62 3.58 -7.85	68.90 3.52 -15.85	71.05 3.93 -16.10	65.14 5.23 -12.79	54.29 3.83 -7.42	49.97 3.58 -6.14	43.10 3.18 -5.02	36.40 1.95 -2.53	33.25 2.77 -2.20
SHOREHAM_IC_2 23716	29.45 1.80 0.00	25.95 1.26 0.00	25.42 1.30 0.00	25.48 1.19 0.00	25.38 1.07 0.00	26.39 1.30 0.00	28.72 1.69 2.21	30.53 1.56 2.79	33.74 0.87 0.79	30.54 1.11 4.30	37.35 1.22 -1.40	38.77 1.53 -1.72	39.35 1.87 -0.15	47.29 2.38 -6.49	49.80 2.87 -7.57	51.62 3.58 -7.85	68.90 3.52 -15.85	71.05 3.93 -16.10	65.14 5.23 -12.79	54.29 3.83 -7.42	49.97 3.58 -6.14	43.10 3.18 -5.02	36.40 1.95 -2.53	33.25 2.77 -2.20
SISSONVILLE____ 23735	26.99 -0.66 0.00	24.15 -0.54 0.00	23.45 -0.68 0.00	23.63 -0.66 0.00	23.68 -0.63 0.00	24.56 -0.53 0.00	28.73 -0.50 0.00	31.51 -0.25 0.00	33.08 -0.57 0.00	32.75 -0.98 0.00	33.66 -1.08 0.00	34.66 -0.85 0.00	36.44 -0.90 0.00	37.42 -1.00 0.00	38.13 -1.22 0.00	38.90 -1.29 0.00	40.17 -2.43 6.94	40.03 -3.16 7.83	41.53 -3.06 2.52	40.37 -2.67 0.01	38.64 -1.61 0.00	34.03 -0.87 0.00	31.06 -0.86 0.00	27.49 -0.79 0.00
SITHE_IND_GS1 24169	22.50 -0.55 4.60	23.91 -0.52 0.26	22.52 -0.51 1.09	22.52 -0.53 1.24	21.10 -0.56 2.65	22.60 -0.53 1.96	21.38 -0.58 7.27	21.10 -0.60 10.06	22.60 -0.60 10.45	21.10 -0.64 11.98	23.53 -0.66 10.55	23.64 -0.71 11.17	22.95 -0.79 13.60	23.59 -0.69 14.14	22.10 -0.79 16.47	17.19 -0.85 22.15	13.32 -1.04 35.17	20.86 -1.02 29.14	46.18 -0.94 0.00	42.13 -0.91 0.00	39.36 -0.89 0.00	34.07 -0.84 0.00	31.25 -0.67 0.00	27.72 -0.57 0.00
SITHE_IND_GS2 24170	22.50 -0.55 4.60	23.91 -0.52 0.26	22.52 -0.51 1.09	22.52 -0.53 1.24	21.10 -0.56 2.65	22.60 -0.53 1.96	21.38 -0.58 7.27	21.10 -0.60 10.06	22.60 -0.60 10.45	21.10 -0.64 11.98	23.53 -0.66 10.55	23.64 -0.71 11.17	22.95 -0.79 13.60	23.59 -0.69 14.14	22.10 -0.79 16.47	17.19 -0.85 22.15	13.32 -1.04 35.17	20.86 -1.02 29.14	46.18 -0.94 0.00	42.13 -0.91 0.00	39.36 -0.89 0.00	34.07 -0.84 0.00	31.25 -0.67 0.00	27.72 -0.57 0.00
SITHE_IND_GS3 24171	22.50 -0.55 4.60	23.91 -0.52 0.26	22.52 -0.51 1.09	22.52 -0.53 1.24	21.10 -0.56 2.65	22.60 -0.53 1.96	21.38 -0.58 7.27	21.10 -0.60 10.06	22.60 -0.60 10.45	21.10 -0.64 11.98	23.53 -0.66 10.55	23.64 -0.71 11.17	22.95 -0.79 13.60	23.59 -0.69 14.14	22.10 -0.79 16.47	17.19 -0.85 22.15	13.32 -1.04 35.17	20.86 -1.02 29.14	46.18 -0.94 0.00	42.13 -0.91 0.00	39.36 -0.89 0.00	34.07 -0.84 0.00	31.25 -0.67 0.00	27.72 -0.57 0.00
SITHE_IND_GS4 24172	22.50 -0.55 4.60	23.91 -0.52 0.26	22.52 -0.51 1.09	22.52 -0.53 1.24	21.10 -0.56 2.65	22.60 -0.53 1.96	21.38 -0.58 7.27	21.10 -0.60 10.06	22.60 -0.60 10.45	21.10 -0.64 11.98	23.53 -0.66 10.55	23.64 -0.71 11.17	22.95 -0.79 13.60	23.59 -0.69 14.14	22.10 -0.79 16.47	17.19 -0.85 22.15	13.32 -1.04 35.17	20.86 -1.02 29.14	46.18 -0.94 0.00	42.13 -0.91 0.00	39.36 -0.89 0.00	34.07 -0.84 0.00	31.25 -0.67 0.00	27.72 -0.57 0.00
SITHE___BATAVIA 24024	28.06 1.05 0.65	25.70 1.04 0.04	24.72 0.75 0.15	24.82 0.70 0.17	24.47 0.53 0.37	25.82 1.00 0.28	29.00 0.79 1.02	31.30 0.95 1.41	33.97 1.78 1.47	33.22 1.18 1.68	34.65 1.39 1.48	35.40 1.46 1.57	36.47 1.04 1.91	38.01 1.58 1.99	38.30 1.26 2.31	37.48 0.40 3.11	45.04 0.44 4.94	47.28 0.36 4.10	47.74 0.61 0.00	43.56 0.52 0.00	40.73 0.48 0.00	35.15 0.25 0.00	32.62 0.70 0.00	29.42 1.13 0.00
SITHE___INDEPEND 23800	22.50 -0.55 4.60	23.91 -0.52 0.26	22.52 -0.51 1.09	22.52 -0.53 1.24	21.10 -0.56 2.65	22.60 -0.53 1.96	21.38 -0.58 7.27	21.10 -0.60 10.06	22.57 -0.64 10.45	21.07 -0.67 11.98	23.53 -0.66 10.55	23.68 -0.67 11.17	22.99 -0.75 13.60	23.55 -0.73 14.14	22.10 -0.79 16.47	17.20 -0.84 22.15	13.32 -1.04 35.17	20.86 -1.02 29.14	46.18 -0.94 0.00	42.14 -0.90 0.00	39.36 -0.89 0.00	34.07 -0.84 0.00	31.25 -0.67 0.00	27.72 -0.57 0.00

SITHE___MASSENA 23902	27.08 -0.58 0.00	24.23 -0.47 0.00	23.54 -0.58 0.00	23.73 -0.56 0.00	23.75 -0.56 0.00	24.59 -0.50 0.00	28.70 -0.53 0.00	31.38 -0.38 0.00	33.11 -0.54 0.00	33.01 -0.71 0.00	33.97 -0.76 0.00	34.77 -0.75 0.00	36.48 -0.86 0.00	37.30 -1.12 0.00	38.17 -1.18 0.00	38.94 -1.25 0.00	39.14 -1.98 8.41	39.23 -2.29 9.49	41.75 -2.31 3.06	41.01 -2.02 0.01	39.04 -1.21 0.00	34.14 -0.77 0.00	31.09 -0.83 0.00	27.55 -0.74 0.00
SITHE___OGDNSBRG 24021	27.24 -0.41 0.00	24.37 -0.32 0.00	23.64 -0.48 0.00	23.85 -0.44 0.00	23.90 -0.41 0.00	24.79 -0.30 0.00	29.02 -0.20 0.00	31.76 0.00 0.00	33.38 -0.27 0.00	33.15 -0.57 0.00	34.08 -0.66 0.00	34.95 -0.57 0.00	36.63 -0.71 0.00	37.61 -0.81 0.00	38.33 -1.02 0.00	39.06 -1.13 0.00	39.99 -2.03 7.51	40.09 -2.45 8.48	42.08 -2.31 2.73	41.10 -1.94 0.01	39.28 -0.97 0.00	34.49 -0.42 0.00	31.38 -0.54 0.00	27.75 -0.54 0.00
SITHE___STERLING 23777	28.46 0.97 0.16	25.48 0.79 0.01	24.83 0.75 0.04	25.00 0.75 0.04	25.00 0.78 0.09	25.90 0.88 0.07	30.14 1.17 0.26	32.74 1.33 0.35	34.73 1.45 0.37	34.65 1.35 0.42	35.76 1.39 0.37	36.55 1.42 0.39	38.28 1.42 0.48	39.50 1.58 0.50	40.31 1.53 0.58	40.98 1.57 0.78	50.23 1.93 1.24	52.09 2.09 1.02	49.19 2.07 0.00	45.02 1.98 0.00	42.06 1.81 0.00	36.30 1.40 0.00	33.23 1.31 0.00	29.39 1.10 0.00
SLEIGHT__34_KV_TB1 80719	27.41 0.28 0.53	24.94 0.27 0.03	24.12 0.12 0.12	24.22 0.07 0.14	24.01 0.00 0.30	25.12 0.25 0.22	28.63 0.23 0.83	31.03 0.41 1.15	33.00 0.54 1.19	32.69 0.34 1.37	34.02 0.49 1.20	34.77 0.53 1.27	36.20 0.41 1.55	37.34 0.54 1.61	37.83 0.35 1.88	37.86 0.20 2.53	45.72 0.20 4.01	47.85 0.15 3.32	47.22 0.09 0.00	43.08 0.04 0.00	40.29 0.04 0.00	34.87 -0.03 0.00	32.02 0.10 0.00	28.54 0.25 0.00
SOUTH CAIRO___GT 23612	29.15 1.49 0.00	26.08 1.38 0.00	25.45 1.33 0.00	25.60 1.31 0.00	25.60 1.29 0.00	26.37 1.28 0.00	30.40 1.17 0.00	32.72 0.95 0.00	34.73 1.18 0.10	34.84 1.21 0.10	35.74 1.18 0.17	36.51 0.99 0.00	38.44 1.27 0.16	39.50 1.23 0.15	40.64 1.42 0.13	41.75 1.69 0.13	51.75 2.48 0.26	54.03 3.16 0.16	50.40 3.25 -0.02	46.35 3.31 0.00	43.15 2.90 0.00	36.79 1.88 0.00	33.45 1.53 0.00	29.50 1.22 0.00
SOUTH HAMPTN___IC 23720	29.70 2.05 0.00	26.20 1.51 0.00	25.64 1.52 0.00	25.70 1.41 0.00	25.60 1.29 0.00	26.64 1.56 0.00	29.01 1.96 2.18	30.86 1.84 2.75	34.11 1.21 0.75	28.31 1.48 6.90	37.81 1.67 -1.40	39.29 2.06 -1.72	39.89 2.43 -0.13	47.94 3.03 -6.49	50.54 3.62 -7.57	52.34 4.30 -7.85	69.79 4.41 -15.85	71.91 4.79 -16.10	65.94 6.03 -12.78	54.89 4.43 -7.42	50.50 4.11 -6.14	43.59 3.70 -4.99	36.78 2.33 -2.53	33.68 3.20 -2.20
SOUTHDOW__115KV_TB1 355954	28.26 1.16 0.56	25.90 1.23 0.03	25.22 1.23 0.13	25.48 1.34 0.15	25.23 1.24 0.32	26.71 1.86 0.24	30.33 1.99 0.88	32.92 2.38 1.22	35.28 2.89 1.27	34.66 2.39 1.46	36.48 3.02 1.28	37.18 3.02 1.36	38.45 2.76 1.65	39.85 3.15 1.72	40.42 3.07 2.00	40.23 2.73 2.69	48.38 3.12 4.28	50.79 3.32 3.54	51.04 3.91 -0.01	46.48 3.44 0.00	43.23 2.98 0.00	37.17 2.27 0.00	34.38 2.46 0.00	30.91 2.63 0.00
SOUTHOLD_69_KV_BK 2 55809	29.73 2.07 0.00	26.23 1.53 0.00	25.66 1.54 0.00	25.77 1.48 0.00	25.62 1.31 0.00	26.67 1.58 0.00	29.04 1.99 2.18	31.02 2.00 2.74	34.28 1.38 0.75	28.38 1.65 7.00	37.98 1.84 -1.40	39.36 2.13 -1.72	39.86 2.39 -0.13	47.83 2.92 -6.49	50.47 3.54 -7.57	52.10 4.06 -7.85	70.33 4.95 -15.85	72.68 5.56 -16.10	66.69 6.79 -12.78	56.10 5.64 -7.42	50.26 3.86 -6.14	44.01 4.12 -4.99	36.94 2.49 -2.53	34.10 3.62 -2.20
SOUTHOLD___IC 23719	29.73 2.08 0.00	26.23 1.53 0.00	25.67 1.55 0.00	25.75 1.46 0.00	25.62 1.31 0.00	26.67 1.58 0.00	29.04 1.99 2.18	30.96 1.94 2.74	34.21 1.31 0.75	28.31 1.59 7.00	37.98 1.84 -1.40	39.61 2.38 -1.72	40.23 2.76 -0.13	48.33 3.42 -6.49	50.94 4.02 -7.57	52.74 4.70 -7.85	70.33 4.95 -15.85	72.58 5.46 -16.10	66.59 6.69 -12.78	55.41 4.95 -7.42	50.90 4.51 -6.14	44.01 4.12 -4.99	37.07 2.62 -2.53	33.99 3.51 -2.20
SOUTH_FORK_WT_PWR 323839	29.48 1.82 0.00	26.00 1.31 0.00	25.45 1.33 0.00	25.53 1.24 0.00	25.41 1.09 0.00	26.42 1.33 0.00	28.77 1.72 2.18	30.67 1.65 2.74	33.95 1.04 0.75	28.06 1.28 6.95	37.70 1.56 -1.40	39.33 2.09 -1.72	39.93 2.46 -0.13	48.02 3.11 -6.49	50.67 3.74 -7.57	52.42 4.38 -7.85	69.93 4.55 -15.85	72.17 5.05 -16.10	66.22 6.32 -12.78	55.11 4.65 -7.42	50.62 4.23 -6.14	43.73 3.84 -4.99	36.84 2.40 -2.53	33.85 3.36 -2.20
SPIERFLS_115KV_TB 1 80737	28.87 1.22 0.00	25.73 1.04 0.00	25.13 1.01 0.00	25.29 1.00 0.00	25.36 1.05 0.00	26.14 1.05 0.00	30.51 1.29 0.00	32.94 1.18 0.00	34.49 1.31 0.48	34.69 1.42 0.46	35.30 1.35 0.80	36.20 1.42 0.73	38.16 1.57 0.75	39.28 1.54 0.67	40.46 1.69 0.59	41.60 2.01 0.60	50.87 2.53 1.19	53.32 3.01 0.71	49.81 2.69 0.00	45.80 2.75 0.00	42.42 2.17 0.00	36.44 1.54 0.00	33.39 1.47 0.00	29.44 1.16 0.00
ST LAWRENCE___ 23600	26.83 -0.83 0.00	23.98 -0.72 0.00	23.35 -0.77 0.00	23.54 -0.75 0.00	23.56 -0.75 0.00	24.36 -0.73 0.00	28.41 -0.82 0.00	31.00 -0.76 0.00	32.78 -0.88 0.00	32.75 -0.98 0.00	33.70 -1.04 0.00	34.48 -1.03 0.00	36.18 -1.16 0.00	36.96 -1.46 0.00	37.82 -1.54 0.00	38.62 -1.57 0.00	38.78 -2.03 8.72	38.99 -2.19 9.84	41.83 -2.12 3.17	41.14 -1.89 0.01	38.76 -1.49 0.00	33.89 -1.01 0.00	30.87 -1.05 0.00	27.35 -0.93 0.00
STATE_CA_115KV_115_LB 55624	28.51 0.86 0.00	25.51 0.81 0.00	24.97 0.84 0.00	25.14 0.85 0.00	25.16 0.85 0.00	25.87 0.78 0.00	30.02 0.79 0.00	32.27 0.51 0.00	33.76 0.57 0.46	33.99 0.71 0.44	34.66 0.69 0.77	35.52 0.71 0.71	37.48 0.86 0.72	38.73 0.96 0.65	39.92 1.14 0.57	40.93 1.33 0.58	50.07 1.68 1.15	52.17 1.84 0.69	49.10 1.98 0.00	44.98 1.94 0.00	41.90 1.65 0.00	36.02 1.12 0.00	32.85 0.93 0.00	29.02 0.74 0.00
STATE_ST_34_KV_LOAD 55959	28.04 0.39 0.00	25.04 0.35 0.00	24.39 0.27 0.00	24.53 0.24 0.00	24.53 0.22 0.00	25.47 0.38 0.00	29.73 0.50 0.00	32.40 0.64 0.00	34.36 0.71 0.00	34.33 0.61 0.00	35.43 0.69 0.00	36.26 0.75 0.00	38.01 0.67 0.00	39.19 0.77 0.00	40.06 0.71 0.00	40.83 0.64 0.00	50.38 0.84 0.00	51.94 0.92 0.00	48.16 1.04 0.00	44.03 0.99 0.00	41.09 0.85 0.00	35.50 0.59 0.00	32.53 0.61 0.00	28.85 0.57 0.00
STATION 5_MISC_HYD 23604	27.63 0.66 0.69	25.32 0.67 0.04	24.41 0.46 0.16	24.52 0.41 0.19	24.21 0.29 0.40	25.40 0.60 0.29	28.61 0.47 1.09	30.89 0.64 1.51	32.89 0.81 1.57	32.50 0.57 1.80	33.85 0.69 1.58	34.62 0.78 1.67	35.78 0.48 2.04	37.11 0.81 2.12	37.48 0.59 2.47	37.23 0.36 3.32	44.61 0.35 5.27	46.91 0.26 4.37	47.22 0.09 0.00	43.08 0.04 0.00	40.29 0.04 0.00	34.83 -0.07 0.00	32.21 0.29 0.00	28.85 0.57 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.81 0.66 0.51	25.28 0.62 0.03	24.41 0.41 0.12	24.54 0.39 0.14	24.31 0.29 0.30	25.45 0.58 0.22	29.03 0.61 0.81	31.50 0.86 1.12	33.46 0.98 1.17	33.13 0.74 1.34	34.50 0.94 1.18	35.23 0.96 1.25	36.60 0.78 1.52	37.76 0.92 1.58	38.34 0.83 1.84	38.36 0.64 2.47	46.35 0.74 3.92	48.48 0.71 3.25	47.83 0.71 0.00	43.60 0.56 0.00	40.81 0.56 0.00	35.36 0.45 0.00	32.46 0.54 0.00	28.96 0.68 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.45 0.47 0.68	25.13 0.47 0.04	24.22 0.27 0.16	24.33 0.22 0.18	24.02 0.10 0.39	25.20 0.40 0.29	28.45 0.29 1.07	30.72 0.44 1.48	32.68 0.57 1.54	32.26 0.30 1.77	33.74 0.56 1.56	34.44 0.57 1.65	35.74 0.41 2.01	36.83 0.50 2.09	37.32 0.39 2.43	37.08 0.16 3.27	44.44 0.10 5.19	46.72 0.00 4.30	46.98 -0.14 0.00	42.83 -0.22 0.00	40.13 -0.12 0.00	34.76 -0.14 0.00	32.02 0.10 0.00	28.65 0.37 0.00
STA_56____34_KV_BUS2 355983	27.45 0.47 0.68	25.13 0.47 0.04	24.22 0.27 0.16	24.33 0.22 0.18	24.02 0.10 0.39	25.20 0.40 0.29	28.45 0.29 1.07	30.72 0.44 1.48	32.68 0.57 1.54	32.26 0.30 1.77	33.74 0.56 1.56	34.44 0.57 1.65	35.74 0.41 2.01	36.83 0.50 2.09	37.32 0.39 2.43	37.08 0.16 3.27	44.44 0.10 5.19	46.72 0.00 4.30	46.98 -0.14 0.00	42.83 -0.22 0.00	40.13 -0.12 0.00	34.76 -0.14 0.00	32.02 0.10 0.00	28.65 0.37 0.00
STA_67____115KV_BK2 355882	27.57 0.61 0.69	25.27 0.62 0.04	24.37 0.41 0.16	24.47 0.36 0.19	24.16 0.24 0.40	25.35 0.55 0.29	28.58 0.44 1.09	30.79 0.54 1.51	32.76 0.67 1.57	32.33 0.40 1.80	33.81 0.66 1.58	34.55 0.71 1.68	35.82 0.52 2.04	36.91 0.61 2.12	37.39 0.51 2.47	37.14 0.28 3.33	44.50 0.25 5.28	46.79 0.15 4.38	47.13 0.00 0.00	42.95 -0.09 0.00	40.25 0.00 0.00	34.87 -0.03 0.00	32.14 0.22 0.00	28.79 0.51 0.00
STA_7____115KV_9TRANS 80674	27.74 0.77 0.69	25.42 0.77 0.04	24.49 0.53 0.16	24.59 0.49 0.19	24.28 0.36 0.40	25.47 0.68 0.29	28.72 0.58 1.09	31.02 0.76 1.51	33.00 0.91 1.57	32.57 0.64 1.80	34.06 0.90 1.58	34.77 0.92 1.67	36.08 0.78 2.04	37.18 0.88 2.12	37.67 0.79 2.47	37.43 0.56 3.32	44.86 0.59 5.27	47.16 0.51 4.37	47.41 0.28 0.00	43.26 0.22 0.00	40.53 0.28 0.00	35.11 0.21 0.00	32.34 0.41 0.00	28.96 0.68 0.00
STA_82____115KV_TB1 80780	27.61 0.64 0.68	25.27 0.62 0.04	24.37 0.41 0.16	24.50 0.39 0.18	24.19 0.27 0.39	25.38 0.58 0.29	28.59 0.44 1.08	30.84 0.57 1.49	32.78 0.67 1.55	32.39 0.44 1.77	33.87 0.69 1.56	34.57 0.71 1.65	35.85 0.52 2.02	36.98 0.65 2.09	37.43 0.51 2.44	37.19 0.28 3.28	44.57 0.25 5.21	46.91 0.20 4.32	47.13 0.00 0.00	43.00 -0.04 0.00	40.25 0.00 0.00	34.90 0.00 0.00	32.14 0.22 0.00	28.82 0.54 0.00
STEEL____WIND 323596	27.59 0.52 0.59	25.28 0.62 0.03	24.46 0.48 0.14	24.62 0.49 0.16	24.24 0.27 0.34	25.56 0.73 0.25	28.79 0.50 0.93	30.92 0.44 1.29	33.09 0.77 1.34	32.59 0.41 1.54	34.11 0.73 1.35	34.93 0.85 1.43	36.04 0.45 1.75	37.60 1.00 1.82	37.87 0.63 2.11	37.59 0.24 2.84	45.17 0.15 4.52	47.48 0.20 3.74	47.98 0.85 -0.01	43.73 0.69 0.00	40.69 0.44 0.00	35.01 0.11 0.00	32.62 0.70 0.00	29.47 1.19 0.00
STEPHTWN_115KV_BK_2 55603	28.74 1.08 0.00	25.73 1.04 0.00	25.16 1.04 0.00	25.31 1.02 0.00	25.36 1.05 0.00	26.09 1.00 0.00	30.28 1.05 0.00	32.56 0.79 0.00	34.08 0.88 0.45	34.27 0.98 0.43	34.96 0.97 0.75	35.79 0.96 0.69	37.76 1.12 0.70	39.02 1.23 0.63	40.22 1.42 0.55	41.27 1.65 0.56	50.50 2.08 1.12	52.70 2.35 0.67	49.62 2.50 0.00	45.45 2.41 0.00	42.34 2.09 0.00	36.40 1.50 0.00	33.13 1.21 0.00	29.25 0.96 0.00
STEUBEN_REC_LFGE 323667	27.95 0.66 0.37	25.42 0.74 0.02	24.71 0.68 0.09	24.94 0.75 0.10	24.75 0.66 0.21	26.06 1.13 0.16	29.99 1.34 0.58	32.48 1.52 0.81	34.69 1.78 0.75	34.26 1.42 0.88	35.77 1.74 0.70	36.58 1.81 0.74	37.95 1.57 0.96	38.98 1.58 1.01	39.55 1.42 1.22	39.68 1.17 1.67	48.31 1.39 2.61	50.49 1.68 2.21	49.58 2.45 -0.01	45.32 2.28 0.00	42.18 1.93 0.00	36.51 1.61 0.00	33.68 1.76 0.00	30.09 1.81 0.00
STILLWATER____SOLAR 323814	29.01 1.35 0.00	25.88 1.19 0.00	25.30 1.18 0.00	25.46 1.17 0.00	25.50 1.19 0.00	26.27 1.18 0.00	30.60 1.37 0.00	33.07 1.30 0.00	34.50 1.38 0.53	34.70 1.48 0.50	35.35 1.49 0.88	36.27 1.56 0.81	38.23 1.72 0.82	39.52 1.84 0.74	40.63 1.93 0.65	41.70 2.17 0.66	50.94 2.72 1.32	53.34 3.11 0.79	50.19 3.06 0.00	46.10 3.06 0.00	42.86 2.61 0.00	36.89 1.99 0.00	33.64 1.72 0.00	29.73 1.44 0.00
STONY____BROOK 24151	29.95 2.29 0.00	26.40 1.70 0.00	25.83 1.71 0.00	25.92 1.63 0.00	25.82 1.51 0.00	26.84 1.76 0.00	28.92 2.16 2.48	30.57 2.06 3.25	33.93 1.45 1.17	33.73 1.72 1.71	37.84 1.77 -1.33	39.25 1.99 -1.74	39.91 2.39 -0.18	47.78 2.88 -6.48	50.27 3.34 -7.57	52.06 4.02 -7.85	69.34 3.96 -15.85	71.45 4.33 -16.10	65.45 5.51 -12.81	54.29 3.83 -7.42	49.93 3.54 -6.14	43.56 3.56 -5.09	36.81 2.36 -2.53	33.68 3.20 -2.20
STURGEON_POOL_HYD 23609	29.57 1.91 0.00	26.15 1.46 0.00	25.69 1.57 0.00	25.77 1.48 0.00	25.75 1.43 0.00	26.54 1.46 0.00	30.98 1.75 0.00	33.73 1.97 0.00	36.42 2.29 -0.48	36.71 2.53 -0.45	38.17 2.64 -0.79	39.15 2.73 -0.90	41.18 3.10 -0.74	42.70 3.61 -0.67	44.07 4.13 -0.58	45.01 4.22 -0.60	56.11 5.40 -1.18	57.29 5.56 -0.71	52.57 5.37 -0.07	47.60 4.56 0.00	44.19 3.94 0.00	37.91 3.00 0.00	34.76 2.84 0.00	30.75 2.46 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.51 1.85 0.00	26.15 1.46 0.00	25.64 1.52 0.00	25.70 1.41 0.00	25.70 1.39 0.00	26.49 1.40 0.00	30.66 1.72 0.30	31.69 1.81 1.89	31.88 1.99 3.76	31.95 2.23 4.00	33.31 2.29 3.72	33.38 2.38 4.52	33.33 2.65 6.66	33.67 3.11 7.86	34.79 3.58 8.14	35.36 3.66 8.49	36.97 4.66 17.22	36.23 4.85 19.64	35.12 4.85 16.85	36.75 4.17 10.46	35.16 3.58 8.67	33.38 2.72 4.25	30.60 2.55 3.87	27.39 2.21 3.10
SWANROAD_115KV_TB1 355699	27.03 0.00 0.63	24.78 0.12 0.04	23.97 0.00 0.15	24.10 -0.02 0.17	23.71 -0.24 0.36	25.02 0.20 0.27	27.95 -0.29 0.99	29.82 -0.57 1.37	31.89 -0.34 1.42	31.35 -0.74 1.63	32.99 -0.31 1.44	33.67 -0.32 1.52	34.81 -0.67 1.85	35.99 -0.50 1.93	36.40 -0.71 2.24	36.01 -1.17 3.02	43.06 -1.68 4.79	45.42 -1.63 3.97	45.76 -1.37 -0.01	41.71 -1.33 0.00	39.00 -1.25 0.00	33.72 -1.19 0.00	31.38 -0.54 0.00	28.51 0.23 0.00
SYNERGY____BIOGAS 323694	28.06 1.05 0.65	25.70 1.04 0.04	24.72 0.75 0.15	24.82 0.70 0.17	24.47 0.53 0.37	25.82 1.00 0.28	29.00 0.79 1.02	31.30 0.95 1.41	33.97 1.78 1.47	33.22 1.18 1.68	34.65 1.39 1.48	35.40 1.46 1.57	36.47 1.04 1.91	38.01 1.58 1.99	38.30 1.26 2.31	37.48 0.40 3.11	45.04 0.44 4.94	47.28 0.36 4.10	47.74 0.61 0.00	43.56 0.52 0.00	40.73 0.48 0.00	35.15 0.25 0.00	32.62 0.70 0.00	29.42 1.13 0.00

SYRACUSE___ENERGY_ST1 323597	27.85 0.19 0.00	24.84 0.15 0.00	24.24 0.12 0.00	24.39 0.10 0.00	24.38 0.07 0.00	25.24 0.15 0.00	29.49 0.26 0.00	32.08 0.32 0.00	34.02 0.37 0.00	34.03 0.30 0.00	35.12 0.38 0.00	35.94 0.43 0.00	37.71 0.37 0.00	38.88 0.46 0.00	39.75 0.39 0.00	40.51 0.32 0.00	49.98 0.45 0.00	51.53 0.51 0.00	47.69 0.57 0.00	43.56 0.52 0.00	40.65 0.40 0.00	35.11 0.21 0.00	32.24 0.32 0.00	28.57 0.28 0.00
SYRACUSE___ENERGY_ST2 323598	27.85 0.19 0.00	24.84 0.15 0.00	24.24 0.12 0.00	24.39 0.10 0.00	24.38 0.07 0.00	25.24 0.15 0.00	29.49 0.26 0.00	32.08 0.32 0.00	34.02 0.37 0.00	34.03 0.30 0.00	35.12 0.38 0.00	35.94 0.43 0.00	37.71 0.37 0.00	38.88 0.46 0.00	39.75 0.39 0.00	40.51 0.32 0.00	49.98 0.45 0.00	51.53 0.51 0.00	47.69 0.57 0.00	43.56 0.52 0.00	40.65 0.40 0.00	35.11 0.21 0.00	32.24 0.32 0.00	28.57 0.28 0.00
SYRACUSE___POWER 24017	27.60 0.17 0.22	24.81 0.12 0.01	24.16 0.10 0.05	24.30 0.07 0.06	24.25 0.07 0.13	25.14 0.15 0.10	29.11 0.23 0.35	31.59 0.32 0.49	33.48 0.34 0.51	33.38 0.24 0.58	34.54 0.31 0.51	35.33 0.36 0.54	36.97 0.30 0.66	38.12 0.38 0.69	38.91 0.35 0.80	39.39 0.28 1.08	48.22 0.40 1.71	50.06 0.46 1.42	47.69 0.57 0.00	43.51 0.47 0.00	40.61 0.36 0.00	35.08 0.17 0.00	32.21 0.29 0.00	28.57 0.28 0.00
TALLMAN___138KV_BK151 55660	29.68 2.02 0.00	26.25 1.56 0.00	25.74 1.62 0.00	25.75 1.46 0.00	25.75 1.43 0.00	26.57 1.48 0.00	30.66 1.81 0.38	31.30 1.94 2.40	30.85 2.15 4.96	30.88 2.39 5.24	32.19 2.47 5.02	31.97 2.59 6.14	31.49 2.87 8.72	31.59 3.38 10.21	32.67 3.86 10.54	33.16 3.98 11.01	32.23 5.00 22.31	31.07 5.25 25.20	30.88 5.18 21.42	34.19 4.43 13.28	33.06 3.82 11.01	32.48 2.97 5.40	29.79 2.78 4.91	26.75 2.40 3.93
TEALLAVE_115KV_TB7 355573	27.39 0.06 0.32	24.73 0.05 0.02	24.07 0.02 0.08	24.20 0.00 0.09	24.10 -0.02 0.18	25.00 0.05 0.14	28.84 0.12 0.50	31.26 0.19 0.70	33.13 0.20 0.72	33.00 0.10 0.83	34.18 0.17 0.73	34.96 0.21 0.77	36.54 0.15 0.94	37.67 0.23 0.98	38.41 0.20 1.14	38.78 0.12 1.53	47.25 0.15 2.44	49.20 0.20 2.02	47.36 0.24 0.00	43.26 0.22 0.00	40.37 0.12 0.00	34.87 -0.03 0.00	32.02 0.10 0.00	28.43 0.14 0.00
TELGRAPH_34_KV_EAST 80808	27.65 0.64 0.64	25.35 0.69 0.04	24.45 0.48 0.15	24.58 0.46 0.17	24.21 0.27 0.37	25.52 0.70 0.27	28.63 0.41 1.01	30.75 0.38 1.40	32.94 0.74 1.45	32.36 0.30 1.66	33.97 0.69 1.46	34.68 0.71 1.55	35.82 0.37 1.89	37.07 0.61 1.96	37.46 0.39 2.29	37.03 -0.08 3.08	44.40 -0.25 4.88	46.72 -0.26 4.05	47.03 -0.09 -0.01	42.87 -0.17 0.00	40.13 -0.12 0.00	34.69 -0.21 0.00	32.18 0.26 0.00	29.13 0.85 0.00
TEMPLE___115KV_TB 2 55572	27.42 0.08 0.32	24.75 0.07 0.02	24.09 0.05 0.08	24.23 0.02 0.09	24.13 0.00 0.18	25.03 0.08 0.14	28.87 0.15 0.51	31.25 0.19 0.70	33.13 0.20 0.73	33.03 0.13 0.83	34.21 0.21 0.73	34.99 0.25 0.78	36.62 0.22 0.95	37.74 0.31 0.98	38.44 0.24 1.15	38.81 0.16 1.54	47.29 0.20 2.45	49.25 0.26 2.03	47.45 0.33 0.00	43.30 0.26 0.00	40.41 0.16 0.00	34.90 0.00 0.00	32.05 0.13 0.00	28.45 0.17 0.00
TIANA___69_KV_BK 1 55817	29.73 2.07 0.00	26.20 1.51 0.00	25.64 1.52 0.00	25.72 1.43 0.00	25.62 1.31 0.00	26.64 1.56 0.00	29.01 1.96 2.18	30.96 1.94 2.74	34.18 1.28 0.75	28.30 1.55 6.98	37.81 1.67 -1.40	39.01 1.78 -1.72	39.49 2.02 -0.13	47.41 2.50 -6.49	49.96 3.03 -7.57	51.62 3.58 -7.85	69.74 4.36 -15.85	71.97 4.85 -16.10	65.98 6.08 -12.78	55.49 5.04 -7.42	49.77 3.38 -6.14	43.59 3.70 -4.99	36.65 2.20 -2.53	33.73 3.25 -2.20
TILDEN___115KV_TB1 80814	27.60 0.17 0.22	24.81 0.12 0.01	24.16 0.10 0.05	24.30 0.07 0.06	24.25 0.07 0.13	25.14 0.15 0.10	29.11 0.23 0.35	31.59 0.32 0.49	33.48 0.34 0.51	33.38 0.24 0.58	34.54 0.31 0.51	35.33 0.36 0.54	36.97 0.30 0.66	38.12 0.38 0.69	38.91 0.35 0.80	39.39 0.28 1.08	48.22 0.40 1.71	50.06 0.46 1.42	47.69 0.57 0.00	43.51 0.47 0.00	40.61 0.36 0.00	35.08 0.17 0.00	32.21 0.29 0.00	28.57 0.28 0.00
TRIGEN___CC 323695	30.04 2.38 0.00	26.50 1.80 0.00	25.95 1.83 0.00	26.04 1.75 0.00	25.96 1.65 0.00	26.92 1.83 0.00	31.66 2.22 -0.21	35.36 2.26 -1.34	39.27 1.99 -3.63	40.21 2.26 -4.22	41.46 2.36 -4.37	43.54 2.52 -5.50	46.74 2.80 -6.60	49.30 3.30 -7.57	50.71 3.78 -7.57	52.24 4.18 -7.88	70.43 5.05 -15.85	72.58 5.46 -16.10	70.46 6.17 -17.16	55.32 4.86 -7.42	50.18 3.78 -6.15	57.89 3.77 -19.22	37.32 2.71 -2.69	33.71 3.22 -2.20
TRINITY__115KV__4 BK 55933	28.38 0.72 0.00	25.41 0.72 0.00	24.87 0.75 0.00	25.04 0.75 0.00	25.09 0.78 0.00	25.77 0.68 0.00	29.87 0.64 0.00	32.14 0.38 0.00	33.60 0.40 0.45	33.83 0.54 0.43	34.50 0.52 0.76	35.35 0.53 0.70	37.30 0.67 0.71	38.55 0.77 0.64	39.78 0.98 0.56	40.75 1.13 0.57	49.84 1.44 1.13	51.92 1.58 0.68	48.86 1.74 0.00	44.76 1.72 0.00	41.70 1.45 0.00	35.88 0.98 0.00	32.72 0.80 0.00	28.91 0.62 0.00
UNION___PROCESSING_DRP 323587	27.61 0.64 0.68	25.30 0.64 0.04	24.39 0.43 0.16	24.50 0.39 0.18	24.19 0.27 0.39	25.38 0.58 0.29	28.62 0.47 1.07	30.85 0.57 1.48	32.82 0.71 1.54	32.40 0.44 1.77	33.88 0.69 1.55	34.58 0.71 1.65	35.89 0.56 2.01	36.99 0.65 2.08	37.44 0.51 2.43	37.25 0.32 3.27	44.65 0.30 5.18	46.93 0.20 4.30	47.13 0.00 0.00	43.00 -0.04 0.00	40.29 0.04 0.00	34.90 0.00 0.00	32.18 0.26 0.00	28.82 0.54 0.00
UPPER HUDSON___HYD 24058	28.87 1.22 0.00	25.73 1.04 0.00	25.13 1.01 0.00	25.31 1.02 0.00	25.36 1.04 0.00	26.14 1.05 0.00	30.51 1.28 0.00	32.94 1.18 0.00	34.49 1.31 0.48	34.69 1.42 0.46	35.29 1.35 0.80	36.20 1.42 0.73	38.20 1.60 0.75	39.36 1.61 0.67	40.46 1.69 0.59	41.60 2.01 0.60	50.87 2.52 1.19	53.32 3.01 0.71	49.81 2.68 0.00	45.80 2.76 0.00	42.42 2.17 0.00	36.44 1.53 0.00	33.39 1.47 0.00	29.47 1.19 0.00
UPPER RAQUET___HYD 24056	26.99 -0.66 0.00	24.15 -0.54 0.00	23.45 -0.68 0.00	23.64 -0.65 0.00	23.68 -0.63 0.00	24.56 -0.53 0.00	28.73 -0.50 0.00	31.51 -0.26 0.00	33.08 -0.57 0.00	32.75 -0.98 0.00	33.66 -1.08 0.00	34.66 -0.85 0.00	36.44 -0.90 0.00	37.30 -1.12 0.00	38.13 -1.22 0.00	38.90 -1.29 0.00	40.17 -2.43 6.94	40.03 -3.16 7.83	41.53 -3.06 2.52	40.41 -2.63 0.01	38.60 -1.65 0.00	34.03 -0.87 0.00	31.06 -0.86 0.00	27.49 -0.79 0.00
VALLEY44_115KV_TB2 355964	27.12 0.00 0.54	24.86 0.20 0.03	23.97 -0.02 0.13	24.10 -0.05 0.14	23.81 -0.19 0.31	25.06 0.20 0.23	28.50 0.12 0.84	30.75 0.16 1.17	32.81 0.37 1.22	32.30 -0.03 1.39	34.00 0.49 1.23	34.75 0.53 1.30	35.98 0.22 1.58	37.12 0.35 1.64	37.75 0.31 1.91	37.65 0.04 2.58	45.35 -0.10 4.09	47.63 0.00 3.39	48.97 1.84 -0.01	44.63 1.59 0.00	41.42 1.17 0.00	35.85 0.94 0.00	33.13 1.21 0.00	29.84 1.56 0.00

VALLEY___115KV_TB 1-4 80826	27.96 0.30 0.00	24.97 0.27 0.00	24.39 0.27 0.00	24.53 0.24 0.00	24.60 0.29 0.00	25.36 0.28 0.00	29.58 0.35 0.00	32.11 0.35 0.00	34.02 0.37 0.00	34.03 0.30 0.00	35.05 0.31 0.00	35.84 0.32 0.00	37.67 0.34 0.00	38.80 0.38 0.00	39.79 0.43 0.00	40.59 0.40 0.00	50.45 0.50 -0.42	52.01 0.51 -0.48	47.75 0.47 -0.15	43.56 0.52 0.00	40.69 0.44 0.00	35.25 0.35 0.00	32.30 0.38 0.00	28.62 0.34 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.52 1.96 0.11	26.37 1.68 0.01	25.78 1.69 0.02	25.96 1.70 0.03	25.98 1.73 0.06	26.80 1.76 0.04	31.25 2.19 0.17	34.01 2.48 0.23	36.34 2.76 0.08	36.40 2.80 0.12	37.61 2.85 -0.03	38.53 2.98 -0.03	40.38 3.10 0.06	41.70 3.38 0.10	42.79 3.62 0.18	43.50 3.62 0.30	53.54 4.41 0.40	55.13 4.54 0.43	51.57 4.43 -0.02	47.13 4.09 0.00	43.91 3.66 0.00	37.84 2.93 0.00	34.63 2.71 0.00	30.60 2.32 0.00
VISCHER___FERRY HYD 24020	28.68 1.02 0.00	25.61 0.91 0.00	25.06 0.94 0.00	25.21 0.92 0.00	25.28 0.97 0.00	26.02 0.93 0.00	30.22 0.99 0.00	32.65 0.89 0.00	33.94 0.94 0.65	34.15 1.05 0.62	34.73 1.08 1.08	35.66 1.14 0.99	37.59 1.27 1.01	39.00 1.50 0.91	40.13 1.58 0.80	41.14 1.77 0.82	50.14 2.23 1.62	52.45 2.40 0.97	49.67 2.54 -0.01	45.58 2.54 0.00	42.46 2.21 0.00	36.54 1.64 0.00	33.26 1.34 0.00	29.42 1.13 0.00
V_A_10_SYNC_DSASP 323832	27.39 0.42 0.68	25.12 0.47 0.04	24.32 0.36 0.16	24.45 0.34 0.18	24.06 0.15 0.39	25.32 0.53 0.29	28.38 0.23 1.08	30.36 0.10 1.50	32.40 0.30 1.55	32.01 0.07 1.78	33.45 0.28 1.57	34.21 0.36 1.66	35.32 0.00 2.02	36.70 0.38 2.10	36.98 0.08 2.45	36.57 -0.32 3.29	43.81 -0.50 5.23	46.18 -0.51 4.33	46.42 -0.71 0.00	42.35 -0.69 0.00	39.53 -0.72 0.00	34.10 -0.80 0.00	31.73 -0.19 0.00	28.63 0.34 0.00
V_CMM_10_SYNC_DSASP 323787	26.94 -0.72 0.00	24.08 -0.62 0.00	23.42 -0.70 0.00	23.61 -0.68 0.00	23.63 -0.68 0.00	24.44 -0.65 0.00	28.53 -0.70 0.00	31.13 -0.64 0.00	32.91 -0.74 0.00	32.88 -0.84 0.00	33.83 -0.90 0.00	34.59 -0.92 0.00	36.29 -1.05 0.00	37.11 -1.31 0.00	37.97 -1.38 0.00	38.78 -1.41 0.00	38.99 -1.83 8.72	39.19 -1.99 9.84	42.01 -1.93 3.17	41.27 -1.77 0.01	38.88 -1.37 0.00	34.00 -0.91 0.00	30.96 -0.96 0.00	27.44 -0.85 0.00
V_CMP_10_SYNC_DSASP 323788	26.63 -1.02 0.00	23.90 -0.79 0.00	23.01 -1.11 0.00	23.25 -1.04 0.00	23.31 -1.00 0.00	24.36 -0.73 0.00	28.67 -0.56 0.00	31.67 -0.10 0.00	33.35 -0.30 0.00	33.05 -0.67 0.00	33.80 -0.94 0.00	34.52 -0.99 0.00	35.77 -1.57 0.00	36.77 -1.65 0.00	37.62 -1.73 0.00	38.46 -1.73 0.00	39.00 -1.93 8.60	39.58 -1.73 9.70	42.25 -1.74 3.13	41.74 -1.29 0.01	39.16 -1.08 0.00	33.82 -1.08 0.00	30.39 -1.53 0.00	27.01 -1.27 0.00
V_D_10_SYNC_DSASP 323841	27.08 -0.58 0.00	24.23 -0.47 0.00	23.54 -0.58 0.00	23.73 -0.56 0.00	23.75 -0.56 0.00	24.59 -0.50 0.00	28.70 -0.53 0.00	31.38 -0.38 0.00	33.11 -0.54 0.00	33.01 -0.71 0.00	33.97 -0.76 0.00	34.77 -0.75 0.00	36.48 -0.86 0.00	37.30 -1.12 0.00	38.17 -1.18 0.00	38.94 -1.25 0.00	39.12 -1.98 8.43	39.26 -2.24 9.52	41.79 -2.26 3.07	41.05 -1.98 0.01	39.04 -1.21 0.00	34.14 -0.77 0.00	31.09 -0.83 0.00	27.58 -0.71 0.00
V_E_10_SYNC_DSASP 323830	30.16 2.66 0.15	26.93 2.25 0.01	26.18 2.10 0.04	26.41 2.16 0.04	26.41 2.19 0.09	27.51 2.48 0.06	32.32 3.33 0.23	35.18 3.75 0.32	37.37 3.94 0.22	37.10 3.64 0.27	38.14 3.54 0.14	39.17 3.80 0.15	40.75 3.66 0.25	42.13 4.00 0.29	42.94 3.97 0.38	43.61 3.98 0.56	53.80 5.10 0.83	55.92 5.66 0.76	52.88 5.75 -0.01	48.68 5.64 0.00	45.40 5.15 0.00	39.09 4.19 0.00	35.81 3.89 0.00	31.59 3.31 0.00
V_F_30_NSYNC___DSASP 323816	29.07 1.41 0.00	25.93 1.23 0.00	25.33 1.21 0.00	25.50 1.21 0.00	25.55 1.24 0.00	26.32 1.23 0.00	30.63 1.40 0.00	33.13 1.36 0.00	34.63 1.48 0.51	34.80 1.55 0.48	35.49 1.60 0.84	36.38 1.63 0.78	38.34 1.79 0.79	39.63 1.92 0.71	40.74 2.01 0.62	41.80 2.25 0.64	51.10 2.82 1.26	53.48 3.22 0.75	50.28 3.16 0.00	46.14 3.10 0.00	42.95 2.70 0.00	36.93 2.02 0.00	33.67 1.75 0.00	29.75 1.47 0.00
V_F_30_SYNC_DSASP 323786	28.51 0.86 0.00	25.51 0.81 0.00	24.97 0.84 0.00	25.12 0.83 0.00	25.16 0.85 0.00	25.87 0.78 0.00	30.02 0.79 0.00	32.27 0.51 0.00	33.76 0.57 0.46	33.99 0.71 0.44	34.66 0.69 0.77	35.48 0.67 0.71	37.48 0.86 0.72	38.73 0.96 0.65	39.93 1.14 0.57	40.94 1.33 0.58	50.02 1.63 1.15	52.17 1.84 0.69	49.10 1.98 0.00	44.93 1.89 0.00	41.90 1.65 0.00	36.02 1.12 0.00	32.85 0.93 0.00	29.02 0.74 0.00
V_XM_10_SYNC_DSASP 323789	26.63 -1.02 0.00	23.90 -0.79 0.00	23.01 -1.11 0.00	23.25 -1.04 0.00	23.31 -1.00 0.00	24.36 -0.73 0.00	28.67 -0.56 0.00	31.67 -0.10 0.00	33.35 -0.30 0.00	33.05 -0.67 0.00	33.80 -0.94 0.00	34.52 -0.99 0.00	35.77 -1.57 0.00	36.77 -1.65 0.00	37.62 -1.73 0.00	38.46 -1.73 0.00	39.00 -1.93 8.60	39.58 -1.73 9.70	42.25 -1.74 3.13	41.74 -1.29 0.01	39.16 -1.08 0.00	33.82 -1.08 0.00	30.39 -1.53 0.00	27.01 -1.27 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.70 2.05 0.00	26.30 1.61 0.00	25.79 1.66 0.00	25.82 1.53 0.00	25.79 1.48 0.00	26.62 1.53 0.00	30.71 1.87 0.38	31.32 2.00 2.45	30.80 2.22 5.07	30.81 2.46 5.37	32.12 2.54 5.15	31.87 2.66 6.31	31.38 2.99 8.94	31.42 3.46 10.46	32.49 3.94 10.80	33.00 4.06 11.25	31.88 5.15 22.81	30.67 5.41 25.75	30.56 5.32 21.88	34.04 4.56 13.57	32.95 3.94 11.25	32.46 3.07 5.51	29.78 2.87 5.02	26.76 2.49 4.02
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.06 2.41 0.00	26.55 1.85 0.00	26.03 1.91 0.00	26.11 1.82 0.00	26.11 1.80 0.00	26.95 1.86 0.00	31.84 2.40 -0.21	35.69 2.57 -1.35	40.61 2.79 -4.17	41.06 3.07 -4.26	43.01 3.16 -5.11	45.43 3.20 -6.71	47.91 3.51 -7.06	50.10 4.00 -7.69	51.48 4.49 -7.64	52.73 4.62 -7.92	71.36 5.85 -15.98	73.39 6.12 -16.25	65.40 5.98 -12.30	55.65 5.12 -7.49	50.93 4.47 -6.21	41.51 3.56 -3.04	38.14 3.45 -2.77	33.47 2.97 -2.22
W50THST__13_KV_LOAD 356117	30.20 2.54 0.00	26.67 1.98 0.00	26.15 2.03 0.00	26.23 1.94 0.00	26.21 1.90 0.00	27.10 2.01 0.00	32.01 2.57 -0.21	35.91 2.80 -1.35	40.88 3.06 -4.17	41.29 3.30 -4.26	43.29 3.44 -5.11	45.71 3.48 -6.71	48.24 3.85 -7.06	50.45 4.34 -7.69	51.83 4.84 -7.64	53.10 4.98 -7.92	71.81 6.29 -15.98	73.85 6.58 -16.25	65.83 6.41 -12.30	56.00 5.47 -7.49	51.21 4.75 -6.21	41.75 3.80 -3.04	38.36 3.67 -2.77	33.64 3.14 -2.22
WADING RIVER_IC_1 23522	29.51 1.85 0.00	26.00 1.31 0.00	25.45 1.33 0.00	25.53 1.24 0.00	25.43 1.12 0.00	26.44 1.35 0.00	28.80 1.75 2.19	30.63 1.62 2.76	33.83 0.94 0.76	28.89 1.18 6.02	37.42 1.29 -1.40	38.79 1.56 -1.71	39.37 1.90 -0.13	47.33 2.42 -6.49	49.88 2.95 -7.57	51.66 3.62 -7.85	68.95 3.57 -15.85	71.05 3.93 -16.10	65.08 5.18 -12.78	54.25 3.79 -7.42	49.93 3.54 -6.14	43.06 3.18 -4.98	36.40 1.95 -2.53	33.28 2.80 -2.20

WADING RIVER_IC_2 23547	29.51 1.85 0.00	26.00 1.31 0.00	25.45 1.33 0.00	25.53 1.24 0.00	25.43 1.12 0.00	26.44 1.35 0.00	28.80 1.75 2.19	30.63 1.62 2.76	33.83 0.94 0.76	28.89 1.18 6.02	37.42 1.29 -1.40	38.79 1.56 -1.71	39.37 1.90 -0.13	47.33 2.42 -6.49	49.88 2.95 -7.57	51.66 3.62 -7.85	68.95 3.57 -15.85	71.05 3.93 -16.10	65.08 5.18 -12.78	54.25 3.79 -7.42	49.93 3.54 -6.14	43.06 3.18 -4.98	36.40 1.95 -2.53	33.28 2.80 -2.20
WADING RIVER_IC_3 23601	29.51 1.85 0.00	26.00 1.31 0.00	25.45 1.33 0.00	25.53 1.24 0.00	25.43 1.12 0.00	26.44 1.35 0.00	28.80 1.75 2.19	30.63 1.62 2.76	33.83 0.94 0.76	28.89 1.18 6.02	37.42 1.29 -1.40	38.79 1.56 -1.71	39.37 1.90 -0.13	47.33 2.42 -6.49	49.88 2.95 -7.57	51.66 3.62 -7.85	68.95 3.57 -15.85	71.05 3.93 -16.10	65.08 5.18 -12.78	54.25 3.79 -7.42	49.93 3.54 -6.14	43.06 3.18 -4.98	36.40 1.95 -2.53	33.28 2.80 -2.20
WALDENNY_I2_KV_BK2 80841	27.62 0.55 0.60	25.28 0.62 0.03	24.49 0.51 0.14	24.62 0.49 0.16	24.26 0.29 0.34	25.59 0.75 0.25	28.79 0.50 0.94	30.91 0.44 1.30	33.04 0.74 1.35	32.51 0.34 1.55	34.21 0.83 1.36	34.96 0.89 1.44	36.18 0.60 1.76	37.44 0.85 1.83	37.89 0.67 2.13	37.65 0.32 2.86	45.13 0.15 4.55	47.51 0.26 3.77	47.88 0.75 -0.01	43.60 0.56 0.00	40.65 0.40 0.00	35.08 0.17 0.00	32.59 0.67 0.00	29.47 1.19 0.00
WALDEN___HYDRO 24148	29.62 1.96 0.00	26.23 1.53 0.00	25.71 1.59 0.00	25.80 1.51 0.00	25.77 1.46 0.00	26.59 1.51 0.00	30.90 1.78 0.11	32.99 1.91 0.68	34.88 2.12 0.89	35.08 2.36 1.00	36.60 2.43 0.57	37.52 2.52 0.51	38.45 2.80 1.68	39.50 3.27 2.19	40.72 3.74 2.37	41.56 3.86 2.49	49.37 4.90 5.07	49.76 5.15 6.41	46.18 5.09 6.03	43.69 4.43 3.79	40.93 3.82 3.14	36.26 2.90 1.54	33.23 2.71 1.40	29.48 2.32 1.12
WARRENSBURG___ 23737	28.87 1.22 0.00	25.73 1.04 0.00	25.13 1.01 0.00	25.31 1.02 0.00	25.36 1.04 0.00	26.14 1.05 0.00	30.51 1.28 0.00	32.94 1.18 0.00	34.49 1.31 0.48	34.69 1.42 0.46	35.29 1.35 0.80	36.20 1.42 0.73	38.20 1.60 0.75	39.36 1.61 0.67	40.46 1.69 0.59	41.60 2.01 0.60	50.87 2.52 1.19	53.32 3.01 0.71	49.81 2.68 0.00	45.80 2.76 0.00	42.42 2.17 0.00	36.44 1.53 0.00	33.39 1.47 0.00	29.47 1.19 0.00
WATERSIDE___6 8 9 23538	30.15 2.49 -0.01	26.63 1.93 -0.01	26.11 1.98 -0.01	26.19 1.89 -0.01	26.19 1.87 -0.01	27.00 1.91 0.00	31.93 2.48 -0.22	35.76 2.64 -1.36	40.69 2.86 -4.17	41.13 3.14 -4.27	43.05 3.20 -5.12	45.46 3.23 -6.71	47.87 3.47 -7.06	50.02 3.92 -7.68	51.32 4.33 -7.63	52.53 4.42 -7.92	71.06 5.55 -15.97	73.13 5.87 -16.24	65.16 5.75 -12.29	55.43 4.91 -7.49	50.80 4.35 -6.21	41.65 3.70 -3.05	41.39 3.54 -5.93	33.59 3.08 -2.22
WATKINRD_115KV_LN8_ILLION 55919	27.96 0.30 0.00	24.97 0.27 0.00	24.39 0.27 0.00	24.56 0.27 0.00	24.60 0.29 0.00	25.36 0.28 0.00	29.55 0.32 0.00	32.08 0.32 0.00	34.02 0.37 0.00	34.06 0.34 0.00	35.09 0.35 0.00	35.87 0.36 0.00	37.71 0.37 0.00	38.88 0.46 0.00	39.86 0.51 0.00	40.71 0.52 0.00	50.60 0.64 -0.42	52.21 0.71 -0.48	47.89 0.61 -0.15	43.64 0.60 0.00	40.77 0.52 0.00	35.29 0.38 0.00	32.30 0.38 0.00	28.60 0.31 0.00
WATSON___69_KV_BK 1 55734	30.48 2.82 0.00	26.87 2.17 0.00	26.29 2.17 0.00	26.38 2.09 0.00	26.28 1.97 0.00	27.35 2.26 0.00	31.53 2.92 0.62	34.64 2.95 0.08	37.56 2.36 -1.55	39.06 2.63 -2.70	39.43 2.71 -1.98	39.65 2.20 -1.94	40.32 2.46 -0.51	48.00 2.96 -6.63	50.27 3.35 -7.57	52.58 4.54 -7.85	70.88 5.50 -15.85	73.14 6.02 -16.10	66.46 6.27 -13.08	56.05 5.60 -7.42	50.50 4.11 -6.14	44.83 3.98 -5.94	36.88 2.43 -2.54	34.38 3.90 -2.20
WDELAWARE___HYD 323627	29.95 2.29 0.00	26.48 1.78 0.00	25.93 1.81 0.00	25.99 1.70 0.00	25.94 1.63 0.00	26.80 1.71 0.00	31.09 1.96 0.10	33.33 2.19 0.63	35.15 2.46 0.96	35.33 2.66 1.06	36.82 2.85 0.76	37.58 2.91 0.85	38.86 3.29 1.77	40.05 3.84 2.21	41.22 4.21 2.35	42.11 4.38 2.46	50.33 5.79 5.00	51.06 6.12 6.08	47.57 5.99 5.54	44.70 5.12 3.46	41.92 4.55 2.87	36.81 3.32 1.41	33.73 3.10 1.28	29.89 2.63 1.03
WEST BABYLON___IC 23714	30.37 2.71 0.00	26.77 2.07 0.00	26.22 2.10 0.00	26.28 1.99 0.00	26.21 1.90 0.00	27.25 2.16 0.00	31.94 2.69 -0.02	35.51 2.73 -1.02	38.38 2.15 -2.57	39.99 2.46 -3.80	39.66 2.54 -2.39	40.24 2.42 -2.31	41.23 2.73 -1.17	48.36 3.19 -6.76	50.59 3.66 -7.57	52.43 4.38 -7.86	70.73 5.35 -15.85	72.94 5.82 -16.10	67.15 6.50 -13.53	55.84 5.38 -7.42	50.42 4.02 -6.14	46.44 4.12 -7.42	37.15 2.68 -2.55	34.21 3.73 -2.20
WEST CANADA___HYD 24049	27.93 0.28 0.00	24.94 0.25 0.00	24.39 0.27 0.00	24.56 0.27 0.00	24.58 0.27 0.00	25.34 0.25 0.00	29.52 0.29 0.00	32.05 0.29 0.00	33.96 0.30 0.00	34.06 0.34 0.00	35.09 0.35 0.00	35.87 0.36 0.00	37.75 0.41 0.00	38.92 0.50 0.00	39.90 0.55 0.00	40.75 0.56 0.00	50.65 0.69 -0.42	52.21 0.71 -0.48	47.89 0.61 -0.15	43.64 0.60 0.00	40.73 0.48 0.00	35.25 0.35 0.00	32.24 0.32 0.00	28.57 0.28 0.00
WESTERN_NY_WIND 24143	28.04 1.02 0.64	25.67 1.01 0.04	24.69 0.72 0.15	24.82 0.70 0.17	24.45 0.51 0.37	25.79 0.98 0.27	28.97 0.76 1.02	31.28 0.92 1.41	33.81 1.62 1.46	33.06 1.01 1.68	34.65 1.39 1.48	35.34 1.39 1.56	36.48 1.05 1.90	37.79 1.34 1.98	38.23 1.18 2.30	37.49 0.40 3.10	45.01 0.40 4.92	47.30 0.36 4.08	47.64 0.52 -0.01	43.47 0.43 0.00	40.73 0.48 0.00	35.25 0.35 0.00	32.59 0.67 0.00	29.42 1.13 0.00
WESTOVER___LESR 323668	28.24 0.75 0.17	25.35 0.67 0.01	24.71 0.63 0.04	24.85 0.61 0.05	24.80 0.58 0.10	25.69 0.68 0.07	29.81 0.85 0.27	32.35 0.95 0.37	34.45 1.04 0.25	34.39 0.98 0.31	35.68 1.11 0.16	36.51 1.17 0.18	38.20 1.16 0.29	39.47 1.38 0.33	40.33 1.42 0.44	40.91 1.37 0.64	50.31 1.73 0.95	51.99 1.84 0.87	49.25 2.12 -0.01	44.93 1.89 0.00	41.86 1.61 0.00	36.09 1.19 0.00	33.13 1.21 0.00	29.39 1.10 0.00
WETHRSFD_WT_PWR 323626	27.47 0.33 0.52	25.09 0.42 0.03	24.33 0.34 0.12	24.51 0.36 0.14	24.23 0.22 0.30	25.49 0.63 0.22	28.93 0.53 0.83	31.12 0.51 1.14	33.27 0.81 1.19	32.83 0.47 1.36	34.27 0.73 1.20	35.10 0.85 1.27	36.24 0.45 1.55	37.73 0.92 1.61	38.07 0.59 1.87	37.87 0.20 2.52	45.68 0.15 4.00	48.01 0.31 3.32	48.02 0.89 -0.01	43.82 0.78 0.00	40.81 0.56 0.00	35.08 0.18 0.00	32.65 0.73 0.00	29.36 1.07 0.00
WHAVSTOR_138KV_BK127 55557	29.62 1.96 0.00	26.23 1.53 0.00	25.69 1.57 0.00	25.72 1.43 0.00	25.72 1.41 0.00	26.54 1.46 0.00	30.63 1.78 0.39	31.18 1.87 2.46	30.61 2.05 5.10	30.60 2.29 5.41	31.91 2.36 5.19	31.65 2.49 6.35	31.09 2.76 9.01	31.11 3.23 10.54	32.18 3.70 10.87	32.71 3.82 11.30	31.54 4.90 22.90	30.31 5.15 25.86	30.24 5.09 21.97	33.77 4.35 13.62	32.70 3.74 11.29	32.27 2.90 5.53	29.60 2.71 5.04	26.63 2.38 4.03

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.62 1.96 0.00	26.23 1.53 0.00	25.69 1.57 0.00	25.72 1.43 0.00	25.72 1.41 0.00	26.54 1.46 0.00	30.63 1.78 0.39	31.18 1.87 2.46	30.61 2.05 5.10	30.60 2.29 5.41	31.91 2.36 5.19	31.65 2.49 6.35	31.09 2.76 9.01	31.11 3.23 10.54	32.18 3.70 10.87	32.71 3.82 11.30	31.54 4.90 22.90	30.31 5.15 25.86	30.24 5.09 21.97	33.77 4.35 13.62	32.70 3.74 11.29	32.27 2.90 5.53	29.60 2.71 5.04	26.63 2.38 4.03
WHITEHAL_115KV_TB1 80871	29.57 1.91 0.00	26.33 1.63 0.00	25.66 1.54 0.00	25.82 1.53 0.00	25.89 1.58 0.00	26.74 1.66 0.00	31.25 2.02 0.00	33.73 1.97 0.00	35.32 2.15 0.49	35.48 2.23 0.47	36.08 2.15 0.82	36.97 2.20 0.75	39.00 2.43 0.76	40.08 2.34 0.69	41.23 2.48 0.60	42.43 2.85 0.62	51.93 3.62 1.22	54.68 4.39 0.73	51.22 4.10 0.00	47.22 4.17 0.00	43.79 3.54 0.00	37.52 2.62 0.00	34.25 2.33 0.00	30.15 1.87 0.00
WHITEPLN_13_KV_LOAD 356215	30.17 2.52 0.00	26.67 1.98 0.00	26.17 2.05 0.00	26.28 1.99 0.00	26.28 1.97 0.00	27.15 2.06 0.00	32.12 2.66 -0.23	36.01 2.76 -1.48	41.19 3.06 -4.48	41.62 3.30 -4.59	43.70 3.51 -5.45	46.32 3.66 -7.14	48.97 4.03 -7.60	51.33 4.61 -8.30	52.77 5.16 -8.26	54.06 5.31 -8.57	73.56 6.74 -17.28	75.67 6.99 -17.66	67.31 6.74 -13.45	57.01 5.77 -8.20	52.08 5.03 -6.80	42.21 3.98 -3.33	38.66 3.70 -3.03	33.94 3.22 -2.43
WM_FLOYD_69_KV_BK2 356380	29.73 2.07 0.00	26.20 1.51 0.00	25.64 1.52 0.00	25.72 1.43 0.00	25.62 1.31 0.00	26.64 1.56 0.00	29.03 1.96 2.15	30.97 1.91 2.70	34.19 1.25 0.71	25.82 1.52 9.42	37.72 1.56 -1.41	38.84 1.60 -1.73	39.32 1.83 -0.15	47.22 2.31 -6.49	49.72 2.79 -7.57	51.38 3.34 -7.85	69.44 4.06 -15.85	71.66 4.54 -16.10	65.71 5.80 -12.80	55.19 4.73 -7.42	49.57 3.18 -6.14	43.50 3.56 -5.03	36.59 2.14 -2.53	33.62 3.14 -2.20
WOODARD__115KV_TB2 355635	27.37 0.00 0.29	24.65 -0.02 0.02	24.00 -0.05 0.07	24.14 -0.07 0.08	24.05 -0.10 0.16	24.94 -0.03 0.12	28.81 0.03 0.45	31.20 0.06 0.63	33.11 0.10 0.65	33.01 0.03 0.74	34.15 0.07 0.66	34.93 0.11 0.69	36.57 0.07 0.85	37.69 0.15 0.88	38.41 0.08 1.02	38.85 0.04 1.38	47.40 0.05 2.19	49.31 0.10 1.81	47.26 0.14 0.00	43.13 0.09 0.00	40.25 0.00 0.00	34.80 -0.10 0.00	31.95 0.03 0.00	28.34 0.06 0.00
YORK___WARBASSE 23770	30.35 2.68 -0.01	26.80 2.10 -0.01	26.28 2.15 -0.01	26.39 2.09 -0.01	26.36 2.04 -0.01	27.17 2.08 0.00	32.05 2.60 -0.22	35.85 2.73 -1.36	40.76 2.93 -4.17	41.17 3.17 -4.27	43.16 3.30 -5.12	45.56 3.34 -6.71	47.94 3.55 -7.06	50.06 3.96 -7.68	51.36 4.37 -7.63	52.61 4.50 -7.92	71.20 5.70 -15.97	73.33 6.07 -16.24	65.35 5.94 -12.29	55.56 5.04 -7.49	50.96 4.51 -6.21	41.83 3.87 -3.05	42.06 3.70 -6.44	33.71 3.20 -2.23