

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion											
Generator Data																											04/26/2025		
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	31.02	28.40	26.71	25.58	26.50	26.46	28.31	29.40	33.56	37.69	36.27	37.15	35.89	35.62	34.45	36.13	37.36	43.88	43.02	44.47	46.08	36.64	33.59	30.25				
		2.06	1.75	1.61	1.48	1.55	1.52	1.44	1.93	2.34	2.24	2.18	2.03	1.95	1.73	1.73	1.56	1.42	1.88	1.85	2.32	2.19	2.49	2.04	1.55				
		0.00	-1.21	-1.00	-2.28	-2.53	-2.25	-5.76	-0.96	0.00	-5.66	-4.55	-8.39	-7.92	-10.78	-10.29	-14.86	-17.89	-18.15	-17.15	-11.57	-13.94	-1.77	-3.61	-6.51				
74TH STREET_GT_1 24260	EDT	30.99	28.41	26.71	25.58	26.50	26.46	28.31	29.37	33.53	37.66	36.24	37.15	35.86	35.62	34.47	36.11	37.34	43.88	43.02	44.43	46.07	36.64	33.62	30.24				
		2.03	1.76	1.61	1.48	1.55	1.52	1.44	1.91	2.31	2.20	2.16	2.03	1.93	1.73	1.75	1.54	1.41	1.88	1.85	2.29	2.19	2.49	2.07	1.55				
		0.00	-1.21	-1.00	-2.28	-2.53	-2.25	-5.76	-0.96	0.00	-5.66	-4.55	-8.39	-7.92	-10.78	-10.29	-14.86	-17.89	-18.15	-17.15	-11.56	-13.92	-1.77	-3.61	-6.50				
74TH STREET_GT_2 24261	EDT	30.99	28.41	26.71	25.58	26.50	26.46	28.31	29.37	33.53	37.66	36.24	37.15	35.86	35.62	34.47	36.11	37.34	43.88	43.02	44.43	46.07	36.64	33.62	30.24				
		2.03	1.76	1.61	1.48	1.55	1.52	1.44	1.91	2.31	2.20	2.16	2.03	1.93	1.73	1.75	1.54	1.41	1.88	1.85	2.29	2.19	2.49	2.07	1.55				
		0.00	-1.21	-1.00	-2.28	-2.53	-2.25	-5.76	-0.96	0.00	-5.66	-4.55	-8.39	-7.92	-10.78	-10.29	-14.86	-17.89	-18.15	-17.15	-11.56	-13.92	-1.77	-3.61	-6.50				
ADK HUDSON___FALLS 24011	EDT	30.73	28.45	26.78	25.92	26.87	26.82	29.63	29.40	33.31	38.95	37.31	39.10	37.77	38.27	36.80	39.61	41.62	48.09	47.04	47.15	49.61	36.77	34.37	31.83				
		1.77	1.50	1.42	1.24	1.28	1.32	1.29	1.70	2.09	2.06	2.07	1.84	1.82	1.64	1.46	1.26	1.14	1.48	1.51	2.08	2.19	2.17	1.90	1.49				
		0.00	-1.50	-1.26	-2.86	-3.17	-2.82	-7.23	-1.20	0.00	-7.10	-5.71	-10.52	-9.94	-13.52	-12.90	-18.64	-22.44	-22.76	-21.51	-14.50	-17.46	-2.22	-4.53	-8.16				
ADK RESOURCE___RCVRY 23798	EDT	30.90	28.63	26.92	26.05	27.01	26.98	29.78	29.59	33.50	39.16	37.52	39.29	37.96	38.44	36.94	39.76	41.76	48.25	47.22	47.34	49.81	36.95	34.56	31.95				
		1.94	1.68	1.57	1.38	1.41	1.47	1.44	1.88	2.28	2.26	2.27	2.03	2.00	1.80	1.59	1.40	1.26	1.62	1.68	2.29	2.43	2.36	2.10	1.62				
		0.00	-1.50	-1.26	-2.86	-3.17	-2.82	-7.23	-1.20	0.00	-7.10	-5.71	-10.52	-9.94	-13.53	-12.91	-18.65	-22.45	-22.78	-21.52	-14.47	-17.43	-2.21	-4.52	-8.14				
ADK S GLENS___FALLS 24028	EDT	30.73	28.45	26.78	25.92	26.87	26.82	29.63	29.40	33.31	38.95	37.31	39.10	37.77	38.27	36.80	39.61	41.62	48.09	47.04	47.15	49.61	36.77	34.37	31.83				
		1.77	1.50	1.42	1.24	1.28	1.32	1.29	1.70	2.09	2.06	2.07	1.84	1.82	1.64	1.46	1.26	1.14	1.48	1.51	2.08	2.19	2.17	1.90	1.49				
		0.00	-1.50	-1.26	-2.86	-3.17	-2.82	-7.23	-1.20	0.00	-7.10	-5.71	-10.52	-9.94	-13.52	-12.90	-18.64	-22.44	-22.76	-21.51	-14.50	-17.46	-2.22	-4.53	-8.16				
ADK_NYS___DAM 23527	EDT	30.61	28.23	26.57	25.75	26.69	26.63	29.29	29.21	33.09	38.45	36.82	38.53	37.21	37.61	36.27	38.96	40.91	47.37	46.36	46.79	49.02	36.85	34.33	31.60				
		1.65	1.32	1.25	1.16	1.19	1.20	1.16	1.54	1.87	1.76	1.74	1.58	1.53	1.36	1.30	1.14	1.06	1.41	1.44	2.20	2.19	2.33	2.01	1.53				
		0.00	-1.46	-1.22	-2.78	-3.08	-2.74	-7.02	-1.17	0.00	-6.90	-5.55	-10.22	-9.65	-13.14	-12.54	-18.11	-21.81	-22.12	-20.90	-14.01	-16.88	-2.14	-4.38	-7.88				
AIR_PRODUCTS___DRP 24190	EDT	29.66	27.47	25.85	25.08	26.00	25.93	28.61	28.34	32.03	37.39	35.76	37.56	36.34	36.82	35.53	38.32	40.29	46.53	45.48	45.36	47.61	35.22	33.04	30.63				
		0.70	0.56	0.53	0.48	0.49	0.50	0.46	0.66	0.81	0.69	0.68	0.59	0.65	0.55	0.54	0.47	0.41	0.52	0.53	0.67	0.66	0.68	0.70	0.51				
		0.00	-1.46	-1.22	-2.78	-3.08	-2.75	-7.04	-1.17	0.00	-6.91	-5.56	-10.23	-9.67	-13.16	-12.55	-18.14	-21.84	-22.15	-20.93	-14.11	-16.99	-2.16	-4.41	-7.94				
AKWESSNE_115KV_BK 355683	EDT	28.59	25.19	23.88	21.58	22.20	22.50	20.85	26.19	30.87	29.61	29.35	26.52	25.78	22.83	22.12	19.43	17.75	23.47	23.61	30.03	29.30	31.67	27.30	21.76				
		-0.38	-0.25	-0.22	-0.24	-0.22	-0.18	-0.25	-0.32	-0.34	-0.18	-0.18	-0.21	-0.23	-0.28	-0.31	-0.28	-0.29	-0.38	-0.41	-0.55	-0.66	-0.71	-0.64	-0.42				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR 323833	EDT	30.06	27.75	26.12	25.27	26.20	26.14	28.73	28.56	32.40	37.57	35.94	37.63	36.34	36.77	35.44	38.13	40.07	46.38	45.41	45.42	47.71	35.57	33.28	30.77				
		1.10	0.87	0.82	0.72	0.74	0.75	0.70	0.90	1.19	0.98	0.94	0.83	0.81	0.72	0.65	0.57	0.54	0.74	0.79	0.98	1.05	1.07	1.00	0.78				
		0.00	-1.44	-1.20	-2.74	-3.03	-2.70	-6.92	-1.15	0.00	-6.80	-5.47	-10.07	-9.51	-12.94	-12.35	-17.85	-21.49	-21.79	-20.60	-13.87	-16.71	-2.12	-4.33	-7.80				
ALBANY_2_SOLAR 323834	EDT	30.06	27.75	26.12	25.27	26.20	26.14	28.73	28.56	32.40	37.57	35.94	37.63	36.34	36.77	35.44	38.13	40.07	46.36	45.41	45.43	47.71	35.57	33.28	30.77				
		1.10	0.87	0.82	0.72	0.74	0.75	0.70	0.90	1.19	0.98	0.94	0.83	0.81	0.72	0.65	0.57	0.54	0.71	0.79	0.98	1.05	1.07	1.00	0.78				
		0.00	-1.44	-1.20	-2.74	-3.03	-2.70	-6.92	-1.15	0.00	-6.80	-5.47	-10.07	-9.51	-12.94	-12.35	-17.85	-21.49	-21.80	-20.60	-13.87	-16.71	-2.12	-4.33	-7.81				
ALBANY___1 23571	EDT	29.66	27.47	25.85	25.08	26.00	25.93	28.61	28.34	32.03	37.39	35.76	37.56	36.34	36.82	35.53	38.32	40.29	46.53	45.48	45.36	47.61	35.22	33.04	30.63				
		0.70	0.56	0.53	0.48	0.49	0.50	0.46	0.66	0.81	0.69	0.68	0.59	0.65	0.55	0.54	0.47	0.41	0.52	0.53	0.67	0.66	0.68	0.70	0.51				
		0.00	-1.46	-1.22	-2.78	-3.08	-2.75	-7.04	-1.17	0.00	-6.91	-5.56	-10.23	-9.67	-13.16	-12.55	-18.14	-21.84	-22.15	-20.93	-14.11	-16.99	-2.16	-4.41	-7.94				

ALBANY___2 23572	29.66 0.70 0.00	27.47 0.56 -1.46	25.85 0.53 -1.22	25.08 0.48 -2.78	26.00 0.49 -3.08	25.93 0.50 -2.75	28.61 0.46 -7.04	28.34 0.66 -1.17	32.03 0.81 0.00	37.39 0.69 -6.91	35.76 0.68 -5.56	37.56 0.59 -10.23	36.34 0.65 -9.67	36.82 0.55 -13.16	35.53 0.54 -12.55	38.32 0.47 -18.14	40.29 0.41 -21.84	46.53 0.52 -22.15	45.48 0.53 -20.93	45.36 0.67 -14.11	47.61 0.66 -16.99	35.22 0.68 -2.16	33.04 0.70 -4.41	30.63 0.51 -7.94
ALBANY___3 23573	29.66 0.70 0.00	27.47 0.56 -1.46	25.85 0.53 -1.22	25.08 0.48 -2.78	26.00 0.49 -3.08	25.93 0.50 -2.75	28.61 0.46 -7.04	28.34 0.66 -1.17	32.03 0.81 0.00	37.39 0.69 -6.91	35.76 0.68 -5.56	37.56 0.59 -10.23	36.34 0.65 -9.67	36.82 0.55 -13.16	35.53 0.54 -12.55	38.32 0.47 -18.14	40.29 0.41 -21.84	46.53 0.52 -22.15	45.48 0.53 -20.93	45.36 0.67 -14.11	47.61 0.66 -16.99	35.22 0.68 -2.16	33.04 0.70 -4.41	30.63 0.51 -7.94
ALBANY___4 23574	29.66 0.70 0.00	27.47 0.56 -1.46	25.85 0.53 -1.22	25.08 0.48 -2.78	26.00 0.49 -3.08	25.93 0.50 -2.75	28.61 0.46 -7.04	28.34 0.66 -1.17	32.03 0.81 0.00	37.39 0.69 -6.91	35.76 0.68 -5.56	37.56 0.59 -10.23	36.34 0.65 -9.67	36.82 0.55 -13.16	35.53 0.54 -12.55	38.32 0.47 -18.14	40.29 0.41 -21.84	46.53 0.52 -22.15	45.48 0.53 -20.93	45.36 0.67 -14.11	47.61 0.66 -16.99	35.22 0.68 -2.16	33.04 0.70 -4.41	30.63 0.51 -7.94
ALBANY___LFGE 323615	29.89 0.93 0.00	27.68 0.76 -1.47	26.05 0.72 -1.23	25.27 0.65 -2.80	26.20 0.67 -3.11	26.13 0.68 -2.77	28.83 0.63 -7.09	28.56 0.87 -1.18	32.28 1.06 0.00	37.74 0.98 -6.96	36.10 0.97 -5.60	37.90 0.86 -10.31	36.64 0.89 -9.74	37.15 0.79 -13.25	35.85 0.76 -12.65	38.63 0.65 -18.28	40.62 0.58 -22.00	46.91 0.74 -22.32	45.86 0.75 -21.09	45.72 0.95 -14.19	47.99 0.93 -17.10	35.52 0.97 -2.17	33.29 0.92 -4.43	30.88 0.71 -7.99
ALCOA_PA_115KV_PL-6C 55860	28.70 -0.26 0.00	25.29 -0.15 0.00	23.98 -0.12 0.00	21.67 -0.15 0.00	22.31 -0.11 0.00	22.62 -0.07 0.00	20.94 -0.17 0.00	26.27 -0.24 0.00	31.00 -0.22 0.00	29.70 -0.09 0.00	29.44 -0.09 0.00	26.60 -0.13 0.00	25.86 -0.16 0.00	22.90 -0.21 0.00	22.17 -0.27 0.00	19.47 -0.24 0.00	17.79 -0.25 0.00	23.54 -0.31 0.00	23.71 -0.31 0.00	30.15 -0.43 0.00	29.39 -0.57 0.00	31.80 -0.58 0.00	27.38 -0.56 0.00	21.83 -0.35 0.00
ALCOA_RYNLDS___DRP 24188	28.70 -0.26 0.00	25.29 -0.15 0.00	23.98 -0.12 0.00	21.67 -0.15 0.00	22.31 -0.11 0.00	22.62 -0.07 0.00	20.94 -0.17 0.00	26.27 -0.24 0.00	31.00 -0.22 0.00	29.70 -0.09 0.00	29.44 -0.09 0.00	26.60 -0.13 0.00	25.86 -0.16 0.00	22.90 -0.21 0.00	22.17 -0.27 0.00	19.47 -0.24 0.00	17.79 -0.25 0.00	23.54 -0.31 0.00	23.71 -0.31 0.00	30.15 -0.43 0.00	29.39 -0.57 0.00	31.80 -0.58 0.00	27.38 -0.56 0.00	21.83 -0.35 0.00
ALCOA___DSASP 323711	28.70 -0.26 0.00	25.29 -0.15 0.00	23.98 -0.12 0.00	21.67 -0.15 0.00	22.31 -0.11 0.00	22.62 -0.07 0.00	20.94 -0.17 0.00	26.27 -0.24 0.00	31.00 -0.22 0.00	29.70 -0.09 0.00	29.44 -0.09 0.00	26.60 -0.13 0.00	25.86 -0.16 0.00	22.90 -0.21 0.00	22.17 -0.27 0.00	19.47 -0.24 0.00	17.79 -0.25 0.00	23.54 -0.31 0.00	23.71 -0.31 0.00	30.15 -0.43 0.00	29.39 -0.57 0.00	31.80 -0.58 0.00	27.38 -0.56 0.00	21.83 -0.36 0.00
ALLEGHENY___COGEN 23514	28.58 -0.38 0.00	25.22 -0.43 -0.21	23.86 -0.41 -0.17	21.91 -0.31 -0.39	22.55 -0.31 -0.44	22.67 -0.41 -0.39	21.71 -0.40 -1.00	25.96 -0.71 -0.17	30.00 -1.22 0.00	29.28 -1.49 -0.98	28.51 -1.80 -0.79	26.53 -1.66 -1.45	25.78 -1.61 -1.37	23.50 -1.48 -1.87	22.78 -1.44 -1.78	21.06 -1.22 -2.57	20.15 -0.99 -3.10	25.92 -1.07 -3.14	26.08 -0.91 -2.97	31.94 -0.64 -2.00	31.95 -0.42 -2.41	32.30 -0.39 -0.31	28.20 -0.36 -0.63	23.11 -0.20 -1.13
ALTAMONT_115KV_TB 2 55880	29.89 0.93 0.00	27.67 0.76 -1.46	26.04 0.72 -1.22	25.25 0.65 -2.78	26.18 0.67 -3.08	26.11 0.68 -2.75	28.78 0.63 -7.04	28.52 0.85 -1.17	32.25 1.03 0.00	37.63 0.92 -6.91	36.00 0.92 -5.56	37.80 0.83 -10.24	36.52 0.83 -9.67	37.01 0.74 -13.16	35.71 0.72 -12.56	38.49 0.63 -18.14	40.46 0.58 -21.85	46.77 0.76 -22.16	45.73 0.77 -20.94	45.67 0.98 -14.11	47.92 0.96 -17.00	35.57 1.04 -2.16	33.27 0.92 -4.41	30.84 0.71 -7.94
ALTONA_WT_PWR 323606	28.67 -0.29 0.00	25.19 -0.25 0.00	23.95 -0.14 0.00	21.64 -0.18 0.00	22.24 -0.18 0.00	22.50 -0.18 0.00	20.83 -0.27 0.00	26.24 -0.27 0.00	31.16 -0.06 0.00	29.97 0.18 0.00	29.76 0.24 0.00	26.84 0.11 0.00	26.07 0.05 0.00	23.02 -0.09 0.00	22.21 -0.22 0.00	19.45 -0.26 0.00	17.70 -0.34 0.00	23.42 -0.43 0.00	23.54 -0.48 0.00	29.93 -0.64 0.00	29.03 -0.93 0.00	31.31 -1.07 0.00	26.91 -1.03 0.00	21.48 -0.71 0.00
AMERICAN_REF_FUEL 24010	26.15 -2.81 0.00	22.96 -2.67 -0.19	21.67 -2.58 -0.16	19.99 -2.18 -0.35	20.53 -2.29 -0.39	20.56 -2.47 -0.35	19.74 -2.26 -0.89	23.71 -2.94 -0.15	27.28 -3.93 0.00	26.62 -4.05 -0.88	26.13 -4.10 -0.71	24.42 -3.61 -1.30	23.97 -3.28 -1.23	21.89 -2.89 -1.67	21.27 -2.76 -1.59	19.61 -2.41 -2.30	18.68 -2.13 -2.77	23.73 -2.93 -2.81	23.75 -2.93 -2.66	28.97 -3.40 -1.79	28.94 -3.18 -2.16	29.13 -3.53 -0.27	25.82 -2.68 -0.56	21.15 -2.04 -1.01
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.45 -1.51 0.00	24.00 -1.65 -0.21	22.68 -1.59 -0.18	20.98 -1.24 -0.41	21.53 -1.34 -0.45	21.48 -1.61 -0.40	20.64 -1.50 -1.03	24.64 -2.04 -0.17	28.60 -2.62 0.00	27.49 -3.31 -1.01	26.82 -3.51 -0.81	25.02 -3.21 -1.49	24.44 -2.99 -1.41	22.33 -2.70 -1.92	21.62 -2.65 -1.83	20.03 -2.33 -2.65	19.21 -2.02 -3.19	24.29 -2.79 -3.23	24.31 -2.76 -3.06	29.52 -3.12 -2.06	29.53 -2.91 -2.48	29.52 -3.17 -0.31	26.18 -2.40 -0.64	21.55 -1.80 -1.16
ARTHUR KILL_GT_1 23520	31.17 2.20 -0.01	28.57 1.91 -1.21	26.89 1.78 -1.01	25.73 1.64 -2.28	26.66 1.70 -2.53	26.59 1.66 -2.25	28.42 1.54 -5.77	29.51 2.04 -0.97	33.63 2.40 -0.01	37.73 2.26 -5.67	36.31 2.22 -4.56	37.19 2.06 -8.39	35.92 1.98 -7.93	35.68 1.78 -10.79	34.50 1.77 -10.29	36.18 1.60 -14.87	37.40 1.46 -17.90	43.89 1.88 -18.16	43.05 1.87 -17.16	44.40 2.26 -11.56	46.01 2.13 -13.93	36.78 2.62 -1.78	33.74 2.18 -3.62	30.37 1.66 -6.52
ARTHUR_KILL_2 23512	31.11 2.14 -0.01	28.51 1.86 -1.21	26.82 1.71 -1.01	25.67 1.57 -2.28	26.59 1.64 -2.53	26.52 1.59 -2.25	28.38 1.50 -5.77	29.46 1.99 -0.97	33.57 2.34 -0.01	37.64 2.17 -5.67	36.24 2.15 -4.56	37.13 2.01 -8.39	35.87 1.93 -7.93	35.61 1.71 -10.79	34.46 1.73 -10.29	36.12 1.54 -14.87	37.35 1.41 -17.90	43.82 1.81 -18.16	42.98 1.80 -17.16	44.31 2.17 -11.56	45.93 2.04 -13.93	36.68 2.53 -1.78	33.68 2.12 -3.62	30.32 1.62 -6.52
ARTHUR_KILL_3 23513	30.76 1.80 0.00	28.20 1.55 -1.21	26.52 1.42 -1.00	25.41 1.31 -2.28	26.32 1.37 -2.53	26.27 1.34 -2.25	28.14 1.27 -5.76	29.19 1.72 -0.96	33.28 2.06 0.00	37.42 1.97 -5.66	36.00 1.92 -4.55	36.94 1.82 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.27 1.55 -10.29	35.97 1.40 -14.86	37.21 1.28 -17.89	43.67 1.67 -18.15	42.80 1.63 -17.15	44.16 2.02 -11.57	45.81 1.92 -13.94	36.38 2.23 -1.77	33.40 1.84 -3.61	30.07 1.38 -6.51

ARTHUR_KILL_COGEN 323718	31.17 2.20 -0.01	28.57 1.91 -1.21	26.89 1.78 -1.01	25.73 1.64 -2.28	26.66 1.70 -2.53	26.59 1.66 -2.25	28.42 1.54 -5.77	29.51 2.04 -0.97	33.63 2.40 -0.01	37.73 2.26 -5.67	36.31 2.22 -4.56	37.19 2.06 -8.39	35.92 1.98 -7.93	35.68 1.78 -10.79	34.50 1.77 -10.29	36.18 1.60 -14.87	37.40 1.46 -17.90	43.89 1.88 -18.16	43.05 1.87 -17.16	44.40 2.26 -11.56	46.01 2.13 -13.93	36.78 2.62 -1.78	33.74 2.18 -3.62	30.37 1.66 -6.52
ASHOKAN____ 23654	30.84 1.88 0.00	26.81 0.03 -1.34	25.17 -0.05 -1.12	24.33 -0.04 -2.55	25.27 0.02 -2.83	25.16 -0.05 -2.52	27.56 0.00 -6.45	27.52 -0.05 -1.07	32.81 1.59 0.00	36.07 -0.06 -6.34	34.51 -0.12 -5.10	35.99 -0.13 -9.39	34.75 -0.13 -8.87	35.06 -0.11 -12.06	33.84 -0.11 -11.51	36.24 -0.10 -16.63	38.01 -0.05 -20.03	44.16 0.00 -20.31	43.34 0.12 -19.20	43.42 -0.09 -12.93	45.54 0.00 -15.58	34.23 -0.13 -1.98	31.95 -0.03 -4.04	29.46 0.00 -7.28
ASTORIA_EAST_ENERGY_CC1 323581	30.66 1.71 0.01	28.12 1.48 -1.20	26.44 1.35 -0.99	25.33 1.24 -2.27	26.24 1.30 -2.52	26.20 1.27 -2.24	28.07 1.20 -5.76	29.10 1.64 -0.95	33.21 2.00 0.01	37.32 1.88 -5.65	35.90 1.83 -4.55	36.85 1.74 -8.38	35.60 1.67 -7.92	35.38 1.50 -10.77	34.22 1.50 -10.28	35.90 1.34 -14.85	37.13 1.21 -17.89	43.64 1.64 -18.14	42.75 1.58 -17.14	44.10 1.96 -11.56	45.75 1.86 -13.93	36.24 2.10 -1.76	33.28 1.73 -3.61	29.98 1.29 -6.50
ASTORIA_EAST_ENERGY_CC2 323582	30.66 1.71 0.01	28.12 1.48 -1.20	26.44 1.35 -0.99	25.33 1.24 -2.27	26.24 1.30 -2.52	26.20 1.27 -2.24	28.07 1.20 -5.76	29.10 1.64 -0.95	33.21 2.00 0.01	37.32 1.88 -5.65	35.90 1.83 -4.55	36.85 1.74 -8.38	35.60 1.67 -7.92	35.38 1.50 -10.77	34.22 1.50 -10.28	35.90 1.34 -14.85	37.13 1.21 -17.89	43.64 1.64 -18.14	42.75 1.58 -17.14	44.10 1.96 -11.56	45.75 1.86 -13.93	36.24 2.10 -1.76	33.28 1.73 -3.61	29.98 1.29 -6.50
ASTORIA_GT2_1 24094	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA_GT2_2 24095	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA_GT2_3 24096	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA_GT2_4 24097	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA_GT3_1 24098	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA_GT3_2 24099	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA_GT3_3 24100	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA_GT3_4 24101	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA_GT4_1 24102	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA_GT4_2 24103	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA_GT4_3 24104	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50

ASTORIA_GT4_4 24105	30.67 1.71 0.00	28.13 1.48 -1.21	26.45 1.35 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.23 1.29 -2.25	28.08 1.20 -5.76	29.11 1.64 -0.96	33.25 2.03 0.00	37.36 1.91 -5.66	35.94 1.86 -4.55	36.86 1.74 -8.39	35.60 1.67 -7.92	35.39 1.50 -10.78	34.23 1.50 -10.29	35.91 1.34 -14.86	37.16 1.23 -17.89	43.65 1.65 -18.15	42.78 1.61 -17.15	44.09 1.96 -11.56	45.74 1.86 -13.92	36.28 2.14 -1.77	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA_GT_1 23523	30.72 1.77 0.01	28.17 1.53 -1.20	26.49 1.40 -0.99	25.38 1.29 -2.27	26.29 1.35 -2.52	26.24 1.32 -2.24	28.11 1.25 -5.76	29.15 1.70 -0.95	33.27 2.06 0.01	37.38 1.94 -5.65	35.96 1.89 -4.55	36.90 1.79 -8.38	35.65 1.72 -7.92	35.43 1.55 -10.77	34.26 1.55 -10.28	35.94 1.38 -14.85	37.17 1.24 -17.89	43.69 1.69 -18.14	42.80 1.63 -17.14	44.16 2.02 -11.56	45.81 1.92 -13.93	36.31 2.17 -1.76	33.33 1.79 -3.61	30.02 1.33 -6.50
ASTORIA_GT_10 24110	30.96 2.00 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.48 1.52 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.35 1.88 -0.96	33.50 2.28 0.00	37.60 2.15 -5.66	36.18 2.10 -4.55	37.10 1.98 -8.39	35.81 1.87 -7.92	35.58 1.69 -10.78	34.41 1.68 -10.29	36.07 1.50 -14.86	37.30 1.37 -17.89	43.84 1.84 -18.15	42.97 1.80 -17.15	44.34 2.20 -11.56	45.98 2.10 -13.92	36.54 2.40 -1.77	33.56 2.01 -3.61	30.20 1.51 -6.50
ASTORIA_GT_11 24225	30.96 2.00 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.48 1.52 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.35 1.88 -0.96	33.50 2.28 0.00	37.60 2.15 -5.66	36.18 2.10 -4.55	37.10 1.98 -8.39	35.81 1.87 -7.92	35.58 1.69 -10.78	34.41 1.68 -10.29	36.07 1.50 -14.86	37.30 1.37 -17.89	43.84 1.84 -18.15	42.97 1.80 -17.15	44.34 2.20 -11.56	45.98 2.10 -13.92	36.54 2.40 -1.77	33.56 2.01 -3.61	30.20 1.51 -6.50
ASTORIA_GT_12 24226	30.96 2.00 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.48 1.52 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.35 1.88 -0.96	33.50 2.28 0.00	37.60 2.15 -5.66	36.18 2.10 -4.55	37.10 1.98 -8.39	35.81 1.87 -7.92	35.58 1.69 -10.78	34.41 1.68 -10.29	36.07 1.50 -14.86	37.30 1.37 -17.89	43.84 1.84 -18.15	42.97 1.80 -17.15	44.34 2.20 -11.56	45.98 2.10 -13.92	36.54 2.40 -1.77	33.56 2.01 -3.61	30.20 1.51 -6.50
ASTORIA_GT_13 24227	30.96 2.00 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.48 1.52 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.35 1.88 -0.96	33.50 2.28 0.00	37.60 2.15 -5.66	36.18 2.10 -4.55	37.10 1.98 -8.39	35.81 1.87 -7.92	35.58 1.69 -10.78	34.41 1.68 -10.29	36.07 1.50 -14.86	37.30 1.37 -17.89	43.84 1.84 -18.15	42.97 1.80 -17.15	44.34 2.20 -11.56	45.98 2.10 -13.92	36.54 2.40 -1.77	33.56 2.01 -3.61	30.20 1.51 -6.50
ASTORIA_GT_5 24106	30.73 1.77 0.00	28.18 1.53 -1.21	26.50 1.40 -1.00	25.38 1.29 -2.28	26.30 1.35 -2.53	26.25 1.32 -2.25	28.12 1.25 -5.76	29.16 1.70 -0.96	33.28 2.06 0.00	37.39 1.94 -5.66	35.97 1.89 -4.55	36.91 1.79 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.27 1.55 -10.29	35.95 1.38 -14.86	37.18 1.24 -17.89	43.69 1.69 -18.15	42.83 1.66 -17.15	44.15 2.02 -11.56	45.80 1.92 -13.92	36.32 2.17 -1.77	33.34 1.79 -3.61	30.02 1.33 -6.50
ASTORIA_GT_7 24107	30.73 1.77 0.00	28.18 1.53 -1.21	26.50 1.40 -1.00	25.38 1.29 -2.28	26.30 1.35 -2.53	26.25 1.32 -2.25	28.12 1.25 -5.76	29.16 1.70 -0.96	33.28 2.06 0.00	37.39 1.94 -5.66	35.97 1.89 -4.55	36.91 1.79 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.27 1.55 -10.29	35.95 1.38 -14.86	37.18 1.24 -17.89	43.69 1.69 -18.15	42.83 1.66 -17.15	44.15 2.02 -11.56	45.80 1.92 -13.92	36.32 2.17 -1.77	33.34 1.79 -3.61	30.02 1.33 -6.50
ASTORIA_GT_8 24108	30.73 1.77 0.00	28.18 1.53 -1.21	26.50 1.40 -1.00	25.38 1.29 -2.28	26.30 1.35 -2.53	26.25 1.32 -2.25	28.12 1.25 -5.76	29.16 1.70 -0.96	33.28 2.06 0.00	37.39 1.94 -5.66	35.97 1.89 -4.55	36.91 1.79 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.27 1.55 -10.29	35.95 1.38 -14.86	37.18 1.24 -17.89	43.69 1.69 -18.15	42.83 1.66 -17.15	44.15 2.02 -11.56	45.80 1.92 -13.92	36.32 2.17 -1.77	33.34 1.79 -3.61	30.02 1.33 -6.50
ASTORIA___2 24149	30.66 1.71 0.01	28.12 1.48 -1.20	26.44 1.35 -0.99	25.35 1.26 -2.27	26.24 1.30 -2.52	26.22 1.29 -2.24	28.07 1.20 -5.76	29.10 1.64 -0.95	33.21 2.00 0.01	37.35 1.91 -5.65	35.93 1.86 -4.55	36.85 1.74 -8.38	35.60 1.67 -7.92	35.38 1.50 -10.77	34.22 1.50 -10.28	35.90 1.34 -14.85	37.15 1.23 -17.89	43.64 1.64 -18.14	42.77 1.61 -17.14	44.13 1.99 -11.56	45.75 1.86 -13.93	36.28 2.14 -1.76	33.28 1.73 -3.61	30.00 1.31 -6.50
ASTORIA___3 23516	30.96 2.00 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.48 1.53 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.35 1.88 -0.96	33.47 2.25 0.00	37.60 2.15 -5.66	36.18 2.10 -4.55	37.10 1.98 -8.39	35.81 1.87 -7.92	35.57 1.69 -10.78	34.41 1.68 -10.29	36.07 1.50 -14.86	37.30 1.37 -17.89	43.84 1.84 -18.15	42.97 1.80 -17.15	44.38 2.23 -11.57	45.99 2.10 -13.94	36.54 2.40 -1.77	33.54 1.98 -3.61	30.21 1.51 -6.51
ASTORIA___4 23517	30.96 2.00 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.48 1.52 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.35 1.88 -0.96	33.50 2.28 0.00	37.60 2.15 -5.66	36.18 2.10 -4.55	37.10 1.98 -8.39	35.81 1.87 -7.92	35.58 1.69 -10.78	34.41 1.68 -10.29	36.07 1.50 -14.86	37.30 1.37 -17.89	43.84 1.84 -18.15	42.97 1.80 -17.15	44.34 2.20 -11.56	45.98 2.10 -13.92	36.54 2.40 -1.77	33.56 2.01 -3.61	30.20 1.51 -6.50
ASTORIA___5 23518	30.96 2.00 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.48 1.53 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.35 1.88 -0.96	33.47 2.25 0.00	37.60 2.15 -5.66	36.18 2.10 -4.55	37.10 1.98 -8.39	35.81 1.87 -7.92	35.57 1.69 -10.78	34.41 1.68 -10.29	36.07 1.50 -14.86	37.30 1.37 -17.89	43.84 1.84 -18.15	42.97 1.80 -17.15	44.38 2.23 -11.57	45.99 2.10 -13.94	36.54 2.40 -1.77	33.54 1.98 -3.61	30.21 1.51 -6.51
AST_ENERGY_2_CC3 323677	30.79 1.83 0.00	28.23 1.58 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.14 1.27 -5.76	29.19 1.72 -0.96	33.28 2.06 0.00	37.42 1.97 -5.66	36.00 1.92 -4.55	36.94 1.82 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.27 1.55 -10.29	35.97 1.40 -14.86	37.19 1.26 -17.89	43.69 1.69 -18.15	42.83 1.66 -17.15	44.19 2.05 -11.57	45.84 1.95 -13.94	36.38 2.23 -1.77	33.40 1.84 -3.61	30.10 1.40 -6.51
AST_ENERGY_2_CC4 323678	30.79 1.83 0.00	28.23 1.58 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.14 1.27 -5.76	29.19 1.72 -0.96	33.28 2.06 0.00	37.42 1.97 -5.66	36.00 1.92 -4.55	36.94 1.82 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.27 1.55 -10.29	35.97 1.40 -14.86	37.19 1.26 -17.89	43.69 1.69 -18.15	42.83 1.66 -17.15	44.19 2.05 -11.57	45.84 1.95 -13.94	36.38 2.23 -1.77	33.40 1.84 -3.61	30.10 1.40 -6.51

ATHENS_STG_1 23668	30.03 1.07 0.00	27.68 0.91 -1.32	26.06 0.87 -1.10	25.13 0.81 -2.50	26.01 0.81 -2.78	25.95 0.79 -2.47	28.20 0.76 -6.33	28.56 1.01 -1.05	32.43 1.22 0.00	37.14 1.13 -6.22	35.65 1.12 -5.00	36.99 1.04 -9.21	35.73 1.01 -8.70	35.85 0.90 -11.84	34.63 0.90 -11.30	36.82 0.79 -16.32	38.43 0.74 -19.65	44.76 0.98 -19.94	43.82 0.96 -18.84	44.50 1.22 -12.70	46.42 1.17 -15.30	35.62 1.30 -1.94	33.02 1.12 -3.97	30.20 0.86 -7.15
ATHENS_STG_2 23670	30.03 1.07 0.00	27.68 0.91 -1.32	26.06 0.87 -1.10	25.13 0.81 -2.50	26.01 0.81 -2.78	25.95 0.79 -2.47	28.20 0.76 -6.33	28.56 1.01 -1.05	32.43 1.22 0.00	37.14 1.13 -6.22	35.65 1.12 -5.00	36.99 1.04 -9.21	35.73 1.01 -8.70	35.85 0.90 -11.84	34.63 0.90 -11.30	36.82 0.79 -16.32	38.43 0.74 -19.65	44.76 0.98 -19.94	43.82 0.96 -18.84	44.50 1.22 -12.70	46.42 1.17 -15.30	35.62 1.30 -1.94	33.02 1.12 -3.97	30.20 0.86 -7.15
ATHENS_STG_3 23677	30.03 1.07 0.00	27.68 0.91 -1.32	26.06 0.87 -1.10	25.13 0.81 -2.50	26.01 0.81 -2.78	25.95 0.79 -2.47	28.20 0.76 -6.33	28.56 1.01 -1.05	32.43 1.22 0.00	37.14 1.13 -6.22	35.65 1.12 -5.00	36.99 1.04 -9.21	35.73 1.01 -8.70	35.85 0.90 -11.84	34.63 0.90 -11.30	36.82 0.79 -16.32	38.43 0.74 -19.65	44.76 0.98 -19.94	43.82 0.96 -18.84	44.50 1.22 -12.70	46.42 1.17 -15.30	35.62 1.30 -1.94	33.02 1.12 -3.97	30.20 0.86 -7.15
AUBURN___LFGE 323710	28.73 -0.23 0.00	25.37 -0.23 -0.15	24.01 -0.22 -0.13	21.94 -0.17 -0.29	22.55 -0.20 -0.32	22.77 -0.20 -0.29	21.70 -0.15 -0.74	26.39 -0.24 -0.12	30.94 -0.28 0.00	30.19 -0.33 -0.72	29.78 -0.32 -0.58	27.48 -0.32 -1.07	26.74 -0.29 -1.01	24.26 -0.23 -1.38	23.55 -0.20 -1.32	21.45 -0.16 -1.90	20.20 -0.13 -2.29	26.05 -0.12 -2.32	26.09 -0.12 -2.19	31.93 -0.12 -1.48	31.71 -0.03 -1.78	32.57 -0.03 -0.23	28.29 -0.11 -0.46	22.93 -0.09 -0.83
BABYLON_RES_REC 323704	31.42 2.46 0.00	28.58 1.93 -1.21	26.81 1.71 -1.00	25.69 1.59 -2.28	26.50 1.55 -2.53	26.57 1.63 -2.25	28.41 1.54 -5.77	29.88 2.41 -0.96	34.12 2.90 0.00	37.96 2.50 -5.66	36.46 2.36 -4.56	37.24 2.11 -8.40	35.98 2.03 -7.93	35.75 1.85 -10.79	34.66 1.93 -10.30	36.36 1.71 -14.94	38.25 1.60 -18.61	44.18 2.17 -18.16	43.32 2.14 -17.17	44.94 2.78 -11.58	46.57 2.67 -13.95	37.04 2.88 -1.78	34.21 2.66 -3.61	30.45 1.75 -6.51
BABYLON__69_KV_BK2 356345	31.74 2.78 0.00	28.84 2.19 -1.21	27.05 1.95 -1.00	25.91 1.81 -2.28	26.70 1.75 -2.53	26.80 1.86 -2.25	28.60 1.73 -5.77	30.17 2.70 -0.96	34.34 3.12 0.00	38.29 2.83 -5.66	36.81 2.72 -4.56	37.56 2.43 -8.40	36.29 2.34 -7.93	36.00 2.10 -10.79	34.93 2.20 -10.30	36.64 1.99 -14.94	38.51 1.88 -18.60	44.61 2.60 -18.16	43.73 2.55 -17.17	45.39 3.24 -11.57	47.01 3.12 -13.94	37.46 3.30 -1.78	34.51 2.96 -3.61	30.64 1.95 -6.51
BALL_HILL_WT_PWR 323825	27.43 -1.54 0.00	23.97 -1.68 -0.21	22.63 -1.64 -0.18	20.91 -1.31 -0.40	21.45 -1.41 -0.44	21.47 -1.61 -0.39	20.66 -1.46 -1.01	24.68 -1.99 -0.17	28.72 -2.50 0.00	27.72 -3.07 -0.99	27.13 -3.19 -0.80	25.34 -2.86 -1.47	24.80 -2.60 -1.39	22.66 -2.33 -1.89	21.99 -2.24 -1.80	20.32 -1.99 -2.60	19.44 -1.73 -3.13	24.64 -2.38 -3.18	24.67 -2.35 -3.00	29.97 -2.63 -2.02	29.94 -2.46 -2.44	30.00 -2.69 -0.31	26.56 -2.01 -0.63	21.84 -1.49 -1.14
BARON_WINDS___WT_PWR 323822	27.72 -1.24 0.00	24.38 -1.32 -0.26	23.09 -1.23 -0.22	21.34 -0.98 -0.50	21.95 -1.03 -0.56	22.07 -1.11 -0.50	21.39 -0.99 -1.27	25.29 -1.43 -0.21	29.38 -1.84 0.00	28.75 -2.29 -1.25	28.08 -2.45 -1.01	26.34 -2.25 -1.85	25.63 -2.13 -1.75	23.53 -1.96 -2.38	22.78 -1.93 -2.27	21.30 -1.70 -3.28	20.50 -1.50 -3.95	25.93 -1.93 -4.01	25.96 -1.85 -3.79	31.05 -2.08 -2.55	31.15 -1.89 -3.08	30.70 -2.07 -0.39	27.06 -1.68 -0.80	22.49 -1.13 -1.44
BARRETT_IC_1 23704	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BARRETT_IC_10 23701	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BARRETT_IC_11 23702	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BARRETT_IC_12 23703	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BARRETT_IC_2 23705	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BARRETT_IC_3 23706	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BARRETT_IC_4 23707	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51

BARRETT_IC_5 23708	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BARRETT_IC_6 23709	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BARRETT_IC_7 23710	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.52 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.22 1.35 -5.77	29.56 2.09 -0.96	33.68 2.47 0.00	37.72 2.26 -5.66	36.13 2.04 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.89 1.30 -18.56	43.78 1.76 -18.16	42.94 1.75 -17.16	44.29 2.14 -11.57	45.99 2.10 -13.94	36.52 2.36 -1.78	33.84 2.29 -3.61	30.22 1.53 -6.51
BARRETT_IC_8 23711	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BARRETT_IC_9 23700	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BARRETT___1 23545	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BARRETT___2 23546	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.72 2.26 -5.66	36.10 2.01 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.35 1.62 -10.30	36.06 1.42 -14.93	37.90 1.30 -18.56	43.71 1.69 -18.16	42.86 1.68 -17.16	44.33 2.17 -11.58	46.00 2.10 -13.95	36.52 2.36 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
BATAVIA__115KV_TB1 55881	27.34 -1.62 0.00	24.04 -1.58 -0.17	22.72 -1.52 -0.14	20.88 -1.27 -0.33	21.46 -1.32 -0.36	21.51 -1.50 -0.32	20.52 -1.41 -0.83	24.79 -1.86 -0.14	28.63 -2.59 0.00	27.95 -2.65 -0.81	27.44 -2.75 -0.65	25.58 -2.35 -1.20	25.02 -2.13 -1.14	22.74 -1.92 -1.55	22.10 -1.82 -1.48	20.29 -1.56 -2.13	19.27 -1.33 -2.57	24.67 -1.79 -2.61	24.63 -1.85 -2.46	30.31 -1.93 -1.66	30.22 -1.74 -2.00	30.69 -1.94 -0.25	27.00 -1.45 -0.52	21.99 -1.13 -0.93
BAYONEEC___CTG1 323682	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.72 1.72 -18.15	42.85 1.68 -17.15	44.23 2.08 -11.57	45.87 1.98 -13.94	36.45 2.30 -1.77	33.45 1.90 -3.61	30.12 1.42 -6.51
BAYONEEC___CTG10 323750	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.72 1.72 -18.15	42.85 1.68 -17.15	44.23 2.08 -11.57	45.87 1.98 -13.94	36.45 2.30 -1.77	33.45 1.90 -3.61	30.12 1.42 -6.51
BAYONEEC___CTG2 323683	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.72 1.72 -18.15	42.85 1.68 -17.15	44.23 2.08 -11.57	45.87 1.98 -13.94	36.45 2.30 -1.77	33.45 1.90 -3.61	30.12 1.42 -6.51
BAYONEEC___CTG3 323684	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.72 1.72 -18.15	42.85 1.68 -17.15	44.23 2.08 -11.57	45.87 1.98 -13.94	36.45 2.30 -1.77	33.45 1.90 -3.61	30.12 1.42 -6.51
BAYONEEC___CTG4 323685	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.72 1.72 -18.15	42.85 1.68 -17.15	44.23 2.08 -11.57	45.87 1.98 -13.94	36.45 2.30 -1.77	33.45 1.90 -3.61	30.12 1.42 -6.51
BAYONEEC___CTG5 323686	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.72 1.72 -18.15	42.85 1.68 -17.15	44.23 2.08 -11.57	45.87 1.98 -13.94	36.45 2.30 -1.77	33.45 1.90 -3.61	30.12 1.42 -6.51
BAYONEEC___CTG6 323687	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.72 1.72 -18.15	42.85 1.68 -17.15	44.23 2.08 -11.57	45.87 1.98 -13.94	36.45 2.30 -1.77	33.45 1.90 -3.61	30.12 1.42 -6.51

BAYONEEC___CTG7 323688	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.72 1.72 -18.15	42.85 1.68 -17.15	44.23 2.08 -11.57	45.87 1.98 -13.94	36.45 2.30 -1.77	33.45 1.90 -3.61	30.12 1.42 -6.51
BAYONEEC___CTG8 323689	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.72 1.72 -18.15	42.85 1.68 -17.15	44.23 2.08 -11.57	45.87 1.98 -13.94	36.45 2.30 -1.77	33.45 1.90 -3.61	30.12 1.42 -6.51
BAYONEEC___CTG9 323749	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.72 1.72 -18.15	42.85 1.68 -17.15	44.23 2.08 -11.57	45.87 1.98 -13.94	36.45 2.30 -1.77	33.45 1.90 -3.61	30.12 1.42 -6.51
BEACON___LESR 323632	30.03 1.07 0.00	27.80 0.89 -1.46	26.16 0.84 -1.22	25.34 0.74 -2.78	26.27 0.76 -3.08	26.20 0.77 -2.74	28.88 0.74 -7.03	28.68 1.01 -1.17	32.47 1.25 0.00	37.86 1.16 -6.90	36.23 1.15 -5.55	37.97 1.02 -10.23	36.72 1.04 -9.66	37.18 0.93 -13.14	35.83 0.85 -12.54	38.58 0.75 -18.12	40.53 0.67 -21.82	46.82 0.83 -22.13	45.80 0.86 -20.91	45.75 1.10 -14.08	48.02 1.11 -16.96	35.66 1.13 -2.15	33.40 1.06 -4.40	30.93 0.82 -7.92
BEAVER RIVER___HYD 24048	28.15 -0.81 0.00	24.86 -0.64 -0.05	23.46 -0.67 -0.04	21.28 -0.63 -0.09	21.92 -0.60 -0.10	22.19 -0.59 -0.09	20.92 -0.42 -0.23	26.04 -0.50 -0.04	30.69 -0.53 0.00	29.24 -0.77 -0.23	28.88 -0.83 -0.18	26.21 -0.86 -0.34	25.45 -0.88 -0.32	22.71 -0.83 -0.43	22.11 -0.74 -0.41	19.67 -0.63 -0.59	18.20 -0.56 -0.72	23.93 -0.64 -0.73	24.18 -0.53 -0.69	30.37 -0.67 -0.46	29.80 -0.72 -0.56	31.71 -0.74 -0.07	27.36 -0.73 -0.14	21.78 -0.67 -0.26
BEEBEE_GT_13 23619	27.77 -1.19 0.00	24.52 -1.07 -0.15	23.18 -1.04 -0.12	21.23 -0.87 -0.28	21.81 -0.92 -0.31	21.96 -1.00 -0.28	20.87 -0.95 -0.71	25.35 -1.27 -0.12	29.38 -1.84 0.00	28.76 -1.73 -0.70	28.34 -1.74 -0.56	26.29 -1.47 -1.03	25.66 -1.33 -0.97	23.28 -1.16 -1.32	22.60 -1.10 -1.26	20.61 -0.93 -1.83	19.43 -0.81 -2.20	25.01 -1.07 -2.23	25.00 -1.13 -2.11	30.80 -1.19 -1.42	30.62 -1.05 -1.71	31.40 -1.20 -0.22	27.46 -0.92 -0.44	22.25 -0.73 -0.80
BENSHRST_27_KV_BENSHRST_1 355998	31.32 2.35 -0.01	28.69 2.04 -1.21	26.99 1.88 -1.01	25.80 1.70 -2.28	26.75 1.79 -2.53	26.68 1.75 -2.25	28.55 1.67 -5.77	29.67 2.20 -0.97	33.88 2.65 -0.01	37.96 2.50 -5.67	36.54 2.45 -4.56	37.43 2.30 -8.39	36.13 2.19 -7.93	35.86 1.96 -10.79	34.70 1.97 -10.29	36.33 1.75 -14.87	37.55 1.61 -17.90	44.15 2.15 -18.16	43.29 2.11 -17.16	44.73 2.60 -11.56	46.37 2.49 -13.92	36.97 2.82 -1.77	33.90 2.35 -3.62	30.50 1.80 -6.51
BETHLEHEM___GRP 23843	29.66 0.70 0.00	27.47 0.56 -1.46	25.85 0.53 -1.22	25.08 0.48 -2.78	26.00 0.49 -3.08	25.93 0.50 -2.75	28.61 0.46 -7.04	28.34 0.66 -1.17	32.03 0.81 0.00	37.39 0.69 -6.91	35.76 0.68 -5.56	37.56 0.59 -10.23	36.34 0.65 -9.67	36.82 0.55 -13.16	35.53 0.54 -12.55	38.32 0.47 -18.14	40.29 0.41 -21.84	46.53 0.52 -22.15	45.48 0.53 -20.93	45.36 0.67 -14.11	47.61 0.66 -16.99	35.22 0.68 -2.16	33.04 0.70 -4.41	30.63 0.51 -7.94
BETHLEHEM___GS1 323560	29.66 0.69 0.00	27.47 0.56 -1.46	25.85 0.53 -1.22	25.08 0.48 -2.78	26.00 0.49 -3.08	25.93 0.50 -2.75	28.61 0.46 -7.04	28.31 0.64 -1.17	32.03 0.81 0.00	37.39 0.69 -6.91	35.77 0.68 -5.56	37.56 0.59 -10.23	36.34 0.65 -9.67	36.82 0.55 -13.16	35.53 0.54 -12.55	38.32 0.47 -18.14	40.29 0.42 -21.84	46.53 0.52 -22.15	45.48 0.53 -20.93	45.34 0.67 -14.09	47.59 0.66 -16.97	35.21 0.68 -2.15	33.04 0.70 -4.40	30.63 0.51 -7.93
BETHLEHEM___GS2 323561	29.66 0.69 0.00	27.47 0.56 -1.46	25.85 0.53 -1.22	25.08 0.48 -2.78	26.00 0.49 -3.08	25.93 0.50 -2.75	28.61 0.46 -7.04	28.31 0.64 -1.17	32.03 0.81 0.00	37.39 0.69 -6.91	35.77 0.68 -5.56	37.56 0.59 -10.23	36.34 0.65 -9.67	36.82 0.55 -13.16	35.53 0.54 -12.55	38.32 0.47 -18.14	40.29 0.42 -21.84	46.53 0.52 -22.15	45.48 0.53 -20.93	45.34 0.67 -14.09	47.59 0.66 -16.97	35.21 0.68 -2.15	33.04 0.70 -4.40	30.63 0.51 -7.93
BETHLEHEM___GS3 323562	29.66 0.69 0.00	27.47 0.56 -1.46	25.85 0.53 -1.22	25.08 0.48 -2.78	26.00 0.49 -3.08	25.93 0.50 -2.75	28.61 0.46 -7.04	28.31 0.64 -1.17	32.03 0.81 0.00	37.39 0.69 -6.91	35.77 0.68 -5.56	37.56 0.59 -10.23	36.34 0.65 -9.67	36.82 0.55 -13.16	35.53 0.54 -12.55	38.32 0.47 -18.14	40.29 0.42 -21.84	46.53 0.52 -22.15	45.48 0.53 -20.93	45.34 0.67 -14.09	47.59 0.66 -16.97	35.21 0.68 -2.15	33.04 0.70 -4.40	30.63 0.51 -7.93
BETHLEHEM___STEEL 23779	26.91 -2.06 0.00	23.51 -2.14 -0.20	22.19 -2.07 -0.17	20.50 -1.70 -0.38	21.03 -1.82 -0.42	21.06 -2.00 -0.37	20.25 -1.82 -0.96	24.28 -2.39 -0.16	28.16 -3.06 0.00	27.28 -3.46 -0.94	26.74 -3.54 -0.76	25.00 -3.13 -1.40	24.50 -2.84 -1.32	22.41 -2.50 -1.79	21.75 -2.40 -1.71	20.07 -2.11 -2.47	19.18 -1.84 -2.98	24.32 -2.55 -3.02	24.33 -2.55 -2.85	29.63 -2.87 -1.92	29.61 -2.67 -2.32	29.69 -2.98 -0.29	26.31 -2.24 -0.60	21.60 -1.66 -1.08
BETHLHEM_115KV_TB1 79974	29.71 0.75 0.00	27.52 0.61 -1.46	25.90 0.58 -1.22	25.12 0.52 -2.78	26.04 0.54 -3.08	25.98 0.54 -2.75	28.65 0.51 -7.03	28.36 0.69 -1.17	32.06 0.84 0.00	37.44 0.74 -6.91	35.82 0.74 -5.56	37.61 0.64 -10.23	36.36 0.68 -9.67	36.86 0.60 -13.15	35.57 0.58 -12.55	38.33 0.49 -18.13	40.32 0.45 -21.83	46.56 0.57 -22.14	45.52 0.58 -20.92	45.41 0.73 -14.10	47.66 0.72 -16.98	35.28 0.74 -2.16	33.07 0.73 -4.40	30.68 0.55 -7.93
BETHPAGE_CC_5 323564	31.36 2.40 0.00	28.56 1.91 -1.21	26.79 1.69 -1.00	25.67 1.57 -2.28	26.48 1.53 -2.53	26.55 1.61 -2.25	28.37 1.50 -5.77	29.82 2.36 -0.96	33.99 2.78 0.00	37.90 2.44 -5.66	36.40 2.30 -4.57	37.22 2.09 -8.40	35.95 2.00 -7.93	35.70 1.80 -10.79	34.60 1.86 -10.30	36.31 1.66 -14.94	38.19 1.50 -18.65	44.02 2.00 -18.16	43.16 1.97 -17.17	44.70 2.54 -11.58	46.37 2.46 -13.95	36.81 2.66 -1.78	34.07 2.52 -3.61	30.38 1.69 -6.51
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.96 -2.00 0.00	23.51 -2.14 -0.20	22.17 -2.10 -0.17	20.48 -1.72 -0.38	21.03 -1.82 -0.43	21.05 -2.02 -0.38	20.25 -1.84 -0.97	24.26 -2.41 -0.16	28.22 -3.00 0.00	27.26 -3.49 -0.96	26.75 -3.54 -0.77	25.00 -3.15 -1.42	24.49 -2.86 -1.34	22.41 -2.52 -1.82	21.75 -2.42 -1.74	20.09 -2.13 -2.51	19.18 -1.88 -3.02	24.32 -2.60 -3.07	24.32 -2.59 -2.90	29.59 -2.94 -1.95	29.58 -2.73 -2.35	29.67 -3.01 -0.30	26.29 -2.26 -0.61	21.58 -1.71 -1.10

BINGHAMTON___COGEN 23790	28.87 -0.09 0.00	25.62 -0.20 -0.39	24.23 -0.19 -0.32	22.42 -0.13 -0.73	23.08 -0.16 -0.81	23.23 -0.18 -0.72	22.84 -0.13 -1.85	26.57 -0.24 -0.31	30.97 -0.25 0.00	31.20 -0.42 -1.82	30.55 -0.44 -1.46	29.06 -0.37 -2.70	28.23 -0.34 -2.55	26.27 -0.30 -3.47	25.47 -0.27 -3.31	24.25 -0.24 -4.78	23.59 -0.20 -5.75	29.42 -0.26 -5.84	29.32 -0.22 -5.52	34.08 -0.21 -3.72	34.29 -0.15 -4.48	32.79 -0.16 -0.57	28.96 -0.14 -1.16	24.19 -0.09 -2.09
BIXINCNT_115KV_LOAD 355685	26.96 -2.00 0.00	23.40 -2.26 -0.22	22.06 -2.22 -0.18	20.46 -1.77 -0.41	21.06 -1.82 -0.46	21.12 -1.97 -0.41	20.36 -1.79 -1.04	24.24 -2.44 -0.17	28.31 -2.90 0.00	27.18 -3.63 -1.02	26.63 -3.72 -0.82	24.88 -3.37 -1.52	24.33 -3.12 -1.43	22.26 -2.80 -1.95	21.53 -2.76 -1.86	19.79 -2.60 -2.69	18.94 -2.33 -3.23	24.00 -3.12 -3.28	24.00 -3.12 -3.10	29.15 -3.52 -2.09	29.27 -3.21 -2.52	29.33 -3.37 -0.32	26.05 -2.54 -0.65	21.45 -1.91 -1.18
BLACK RIVER___HYD 24047	28.27 -0.70 0.00	24.97 -0.54 -0.06	23.57 -0.58 -0.05	21.40 -0.54 -0.12	22.05 -0.51 -0.14	22.29 -0.52 -0.12	21.02 -0.40 -0.31	26.05 -0.50 -0.05	30.69 -0.53 0.00	29.42 -0.68 -0.31	29.01 -0.77 -0.25	26.39 -0.80 -0.45	25.59 -0.86 -0.43	22.91 -0.79 -0.58	22.32 -0.67 -0.56	19.96 -0.55 -0.80	18.56 -0.45 -0.97	24.33 -0.50 -0.98	24.63 -0.31 -0.93	30.80 -0.40 -0.63	30.32 -0.39 -0.75	32.09 -0.39 -0.10	27.69 -0.45 -0.20	22.05 -0.49 -0.35
BLACKRVR_115KV_TB2 79977	28.27 -0.70 0.00	24.97 -0.53 -0.06	23.57 -0.58 -0.05	21.40 -0.55 -0.12	22.04 -0.52 -0.14	22.29 -0.52 -0.12	21.02 -0.40 -0.31	26.05 -0.50 -0.05	30.69 -0.53 0.00	29.41 -0.69 -0.31	29.01 -0.77 -0.25	26.39 -0.80 -0.45	25.59 -0.86 -0.43	22.91 -0.79 -0.58	22.32 -0.67 -0.56	19.96 -0.55 -0.80	18.56 -0.45 -0.97	24.33 -0.50 -0.98	24.64 -0.31 -0.93	30.81 -0.40 -0.63	30.32 -0.39 -0.75	32.09 -0.39 -0.10	27.69 -0.45 -0.20	22.05 -0.49 -0.35
BLISS_WT_PWR 323608	26.88 -2.09 0.00	23.29 -2.37 -0.22	21.97 -2.31 -0.18	20.42 -1.81 -0.41	21.04 -1.84 -0.46	21.10 -2.00 -0.41	20.33 -1.82 -1.04	24.19 -2.49 -0.17	28.22 -3.00 0.00	27.09 -3.73 -1.02	26.54 -3.81 -0.82	24.80 -3.45 -1.52	24.22 -3.23 -1.43	22.17 -2.89 -1.95	21.40 -2.89 -1.86	19.64 -2.76 -2.69	18.82 -2.45 -3.23	23.84 -3.29 -3.28	23.83 -3.29 -3.10	28.93 -3.73 -2.09	29.09 -3.39 -2.52	29.20 -3.50 -0.32	25.94 -2.65 -0.65	21.36 -2.00 -1.18
BLUESTONE___WT_PWR 323821	29.63 0.67 0.00	26.37 0.51 -0.41	24.88 0.43 -0.35	23.04 0.44 -0.79	23.77 0.47 -0.87	23.94 0.48 -0.78	23.59 0.49 -1.99	27.58 0.74 -0.33	32.28 1.06 0.00	32.70 0.95 -1.96	31.99 0.88 -1.58	30.38 0.75 -2.90	29.38 0.62 -2.74	27.39 0.55 -3.73	26.60 0.61 -3.56	25.34 0.49 -5.14	24.66 0.43 -6.19	30.68 0.55 -6.28	30.60 0.65 -5.93	35.34 0.76 -4.00	35.52 0.75 -4.82	33.83 0.84 -0.61	29.86 0.67 -1.25	24.90 0.47 -2.25
BLUE_CIRC_CHEM_DRP 24182	29.92 0.96 0.00	27.65 0.76 -1.44	26.03 0.72 -1.21	25.22 0.65 -2.74	26.14 0.67 -3.04	26.08 0.68 -2.71	28.66 0.61 -6.94	28.48 0.82 -1.15	32.25 1.03 0.00	37.50 0.89 -6.82	35.90 0.89 -5.48	37.60 0.78 -10.10	36.33 0.78 -9.54	36.78 0.69 -12.98	35.47 0.65 -12.38	38.17 0.57 -17.89	40.10 0.52 -21.54	46.39 0.69 -21.85	45.39 0.72 -20.65	45.38 0.89 -13.91	47.65 0.93 -16.76	35.48 0.97 -2.13	33.18 0.89 -4.35	30.70 0.69 -7.83
BOC_GAS_DRP 24189	29.80 0.84 0.00	27.59 0.69 -1.46	25.97 0.65 -1.22	25.20 0.61 -2.77	26.10 0.61 -3.07	26.04 0.61 -2.74	28.69 0.57 -7.01	28.44 0.77 -1.17	32.15 0.94 0.00	37.52 0.83 -6.89	35.90 0.83 -5.54	37.69 0.75 -10.20	36.41 0.75 -9.64	36.89 0.67 -13.12	35.60 0.65 -12.52	38.36 0.57 -18.08	40.33 0.52 -21.77	46.63 0.69 -22.08	45.59 0.70 -20.87	45.50 0.86 -14.06	47.74 0.84 -16.94	35.44 0.91 -2.15	33.14 0.81 -4.39	30.72 0.62 -7.91
BOONVILLE_115KV_TB1 79983	29.02 0.06 0.00	25.56 0.08 -0.04	24.16 0.02 -0.04	21.92 0.02 -0.08	22.56 0.04 -0.09	22.81 0.05 -0.08	21.46 0.15 -0.21	26.78 0.24 -0.03	31.56 0.34 0.00	30.17 0.18 -0.20	29.84 0.15 -0.16	27.09 0.05 -0.30	26.30 0.00 -0.28	23.49 0.00 -0.38	22.87 0.07 -0.37	20.30 0.06 -0.53	18.73 0.05 -0.64	24.62 0.12 -0.65	24.82 0.19 -0.61	31.20 0.21 -0.41	30.63 0.18 -0.50	32.64 0.19 -0.06	28.21 0.14 -0.13	22.46 0.04 -0.23
BORALEX_4TH_BRANCH 23824	30.61 1.65 0.00	28.23 1.32 -1.46	26.57 1.25 -1.22	25.75 1.16 -2.78	26.69 1.19 -3.08	26.63 1.20 -2.74	29.29 1.16 -7.02	29.21 1.54 -1.17	33.09 1.87 0.00	38.45 1.76 -6.90	36.82 1.74 -5.55	38.53 1.58 -10.22	37.21 1.53 -9.65	37.61 1.36 -13.14	36.27 1.30 -12.54	38.96 1.14 -18.11	40.91 1.06 -21.81	47.38 1.41 -22.12	46.36 1.44 -20.90	46.86 2.20 -14.08	49.11 2.19 -16.97	36.86 2.33 -2.15	34.35 2.01 -4.40	31.64 1.53 -7.93
BOWLINE___1 23526	30.52 1.56 0.00	27.92 1.32 -1.16	26.35 1.28 -0.97	25.21 1.18 -2.21	26.09 1.21 -2.45	26.07 1.20 -2.18	27.82 1.12 -5.60	28.95 1.51 -0.93	33.03 1.81 0.00	36.99 1.70 -5.50	35.63 1.68 -4.42	36.45 1.58 -8.14	35.22 1.51 -7.69	34.94 1.36 -10.46	33.79 1.37 -9.99	35.34 1.20 -14.43	36.53 1.12 -17.37	42.95 1.48 -17.62	42.13 1.47 -16.65	43.61 1.80 -11.23	45.22 1.74 -13.53	36.04 1.94 -1.72	33.09 1.65 -3.51	29.75 1.24 -6.32
BOWLINE___2 23595	30.52 1.56 0.00	27.92 1.32 -1.16	26.35 1.28 -0.97	25.21 1.18 -2.21	26.09 1.21 -2.45	26.07 1.20 -2.18	27.82 1.12 -5.60	28.95 1.51 -0.93	33.03 1.81 0.00	36.99 1.70 -5.50	35.63 1.68 -4.42	36.45 1.58 -8.14	35.22 1.51 -7.69	34.94 1.36 -10.46	33.79 1.37 -9.99	35.34 1.20 -14.43	36.53 1.12 -17.37	42.95 1.48 -17.62	42.14 1.47 -16.65	43.61 1.80 -11.23	45.22 1.74 -13.53	36.04 1.94 -1.72	33.10 1.65 -3.51	29.75 1.24 -6.32
BRADY___115KV_TB2 356060	28.79 -0.17 0.00	25.37 -0.08 0.00	24.03 -0.07 0.00	21.71 -0.11 0.00	22.38 -0.04 0.00	22.66 -0.02 0.00	20.96 -0.15 0.00	26.29 -0.21 0.00	31.00 -0.22 0.00	29.67 -0.12 0.00	29.38 -0.15 0.00	26.52 -0.21 0.00	25.78 -0.23 0.00	22.81 -0.30 0.00	22.10 -0.34 0.00	19.43 -0.28 0.00	17.79 -0.25 0.00	23.59 -0.26 0.00	23.78 -0.24 0.00	30.24 -0.34 0.00	29.45 -0.51 0.00	31.86 -0.52 0.00	27.44 -0.50 0.00	21.85 -0.33 0.00
BRANSCOMB___SOLAR 323811	30.47 1.51 0.00	28.21 1.27 -1.50	26.55 1.20 -1.25	25.73 1.07 -2.84	26.68 1.10 -3.15	26.63 1.13 -2.81	29.40 1.10 -7.20	29.13 1.43 -1.20	32.96 1.75 0.00	38.56 1.70 -7.07	36.89 1.68 -5.68	38.70 1.50 -10.47	37.39 1.48 -9.89	37.88 1.32 -13.45	36.49 1.21 -12.84	39.30 1.04 -18.55	41.33 0.96 -22.33	47.74 1.24 -22.65	46.70 1.27 -21.41	46.74 1.77 -14.39	49.15 1.86 -17.33	36.46 1.88 -2.20	34.11 1.68 -4.49	31.57 1.29 -8.10
BRENTWOD_69_KV_W. BRTWOOD 56703	31.66 2.69 0.00	28.76 2.11 -1.21	26.98 1.88 -1.00	25.84 1.75 -2.28	26.63 1.68 -2.53	26.73 1.79 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.25 3.03 0.00	38.17 2.71 -5.66	36.69 2.60 -4.56	37.46 2.33 -8.40	36.19 2.24 -7.93	35.91 2.01 -10.79	34.84 2.11 -10.30	36.57 1.93 -14.93	38.42 1.82 -18.55	44.54 2.53 -18.16	43.66 2.47 -17.16	45.30 3.15 -11.57	46.89 3.00 -13.94	37.33 3.17 -1.78	34.43 2.88 -3.61	30.58 1.89 -6.51

BRISTLHL_115KV_TB1 79998	28.41 -0.55 0.00	25.08 -0.46 -0.10	23.74 -0.43 -0.08	21.61 -0.39 -0.18	22.20 -0.43 -0.20	22.44 -0.43 -0.18	21.21 -0.36 -0.47	26.03 -0.56 -0.08	30.56 -0.66 0.00	29.59 -0.66 -0.46	29.27 -0.62 -0.37	26.85 -0.56 -0.68	26.11 -0.55 -0.64	23.52 -0.46 -0.87	22.84 -0.43 -0.83	20.53 -0.37 -1.20	19.16 -0.32 -1.44	24.88 -0.43 -1.46	24.97 -0.43 -1.38	30.99 -0.52 -0.93	30.63 -0.45 -1.12	32.04 -0.49 -0.14	27.78 -0.45 -0.29	22.36 -0.35 -0.52
BROOKHAVEN___DRP 24191	31.57 2.61 0.00	28.69 2.04 -1.21	26.88 1.78 -1.00	25.80 1.70 -2.28	26.54 1.59 -2.53	26.66 1.72 -2.25	28.52 1.65 -5.77	30.03 2.57 -0.96	34.06 2.84 0.00	37.81 2.35 -5.66	36.34 2.24 -4.56	37.13 2.00 -8.40	35.85 1.90 -7.93	35.61 1.71 -10.79	34.71 1.97 -10.30	36.53 1.89 -14.93	38.40 1.82 -18.54	44.54 2.53 -18.16	43.61 2.43 -17.16	45.27 3.12 -11.57	46.83 2.94 -13.93	37.17 3.01 -1.78	34.23 2.68 -3.61	30.42 1.73 -6.51
BROOKLYN_NAVY_YARD 23515	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.34 1.41 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.37 2.15 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.99 1.87 -8.39	35.73 1.79 -7.92	35.48 1.59 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.23 1.30 -17.89	43.74 1.74 -18.15	42.88 1.71 -17.15	44.25 2.11 -11.57	45.90 2.01 -13.94	36.45 2.30 -1.77	33.48 1.93 -3.61	30.14 1.44 -6.51
BROOKLYN___ARMY_DRP 323595	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.87 2.72 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
BROOKVLE_69_KV_TB1 55790	31.22 2.26 0.00	28.48 1.83 -1.21	26.76 1.66 -1.00	25.62 1.53 -2.28	26.48 1.52 -2.53	26.50 1.57 -2.25	28.33 1.46 -5.77	29.64 2.17 -0.96	33.81 2.59 0.00	37.87 2.41 -5.66	36.43 2.33 -4.57	37.27 2.14 -8.40	36.01 2.06 -7.94	35.75 1.85 -10.80	34.60 1.86 -10.30	36.32 1.64 -14.98	38.51 1.52 -18.96	44.02 2.00 -18.17	43.16 1.97 -17.17	44.60 2.45 -11.57	46.27 2.37 -13.94	36.82 2.66 -1.78	33.92 2.37 -3.61	30.33 1.64 -6.51
BROOME_2_LFGE 323671	28.88 -0.09 0.00	25.62 -0.20 -0.39	24.23 -0.19 -0.32	22.42 -0.13 -0.73	23.08 -0.16 -0.81	23.23 -0.18 -0.72	22.84 -0.13 -1.85	26.57 -0.24 -0.31	30.97 -0.25 0.00	31.20 -0.42 -1.82	30.55 -0.44 -1.46	29.06 -0.37 -2.70	28.23 -0.34 -2.55	26.27 -0.30 -3.47	25.48 -0.27 -3.31	24.25 -0.24 -4.78	23.59 -0.20 -5.75	29.42 -0.26 -5.84	29.32 -0.22 -5.52	34.08 -0.21 -3.72	34.29 -0.15 -4.48	32.79 -0.16 -0.57	28.96 -0.14 -1.16	24.19 -0.09 -2.09
BROOME___LFGE 323600	28.88 -0.09 0.00	25.62 -0.20 -0.39	24.23 -0.19 -0.32	22.42 -0.13 -0.73	23.08 -0.16 -0.81	23.23 -0.18 -0.72	22.84 -0.13 -1.85	26.57 -0.24 -0.31	30.97 -0.25 0.00	31.20 -0.42 -1.82	30.55 -0.44 -1.46	29.06 -0.37 -2.70	28.23 -0.34 -2.55	26.27 -0.30 -3.47	25.48 -0.27 -3.31	24.25 -0.24 -4.78	23.59 -0.20 -5.75	29.42 -0.26 -5.84	29.32 -0.22 -5.52	34.08 -0.21 -3.72	34.29 -0.15 -4.48	32.79 -0.16 -0.57	28.96 -0.14 -1.16	24.19 -0.09 -2.09
BROWNFLS_115KV_TB_3_5 80003	27.92 -1.04 0.00	24.64 -0.84 -0.03	23.31 -0.82 -0.03	21.10 -0.79 -0.07	21.73 -0.76 -0.07	22.02 -0.73 -0.06	20.56 -0.72 -0.17	25.66 -0.87 -0.03	30.28 -0.94 0.00	28.94 -1.01 -0.16	28.62 -1.03 -0.13	25.93 -1.04 -0.24	25.18 -1.07 -0.23	22.42 -0.99 -0.31	21.77 -0.96 -0.30	19.31 -0.83 -0.43	17.79 -0.76 -0.51	23.44 -0.93 -0.52	23.65 -0.86 -0.49	29.78 -1.13 -0.33	29.16 -1.20 -0.40	31.14 -1.30 -0.05	26.87 -1.17 -0.10	21.40 -0.98 -0.19
BROWNSV1_27_KV_LOAD 356125	31.05 2.09 0.00	28.43 1.78 -1.21	26.74 1.64 -1.00	25.60 1.51 -2.28	26.52 1.57 -2.53	26.48 1.54 -2.25	28.31 1.44 -5.76	29.40 1.93 -0.96	33.56 2.34 0.00	37.69 2.23 -5.66	36.27 2.19 -4.55	37.18 2.06 -8.39	35.89 1.95 -7.92	35.64 1.76 -10.78	34.49 1.77 -10.29	36.15 1.58 -14.86	37.37 1.44 -17.89	43.93 1.93 -18.15	43.07 1.90 -17.15	44.49 2.35 -11.56	46.13 2.25 -13.92	36.67 2.53 -1.77	33.64 2.10 -3.61	30.27 1.58 -6.50
BURROWS___LYONSDAL 23803	28.79 -0.17 0.00	25.36 -0.13 -0.04	23.99 -0.14 -0.04	21.75 -0.15 -0.08	22.40 -0.11 -0.09	22.63 -0.14 -0.08	21.34 0.02 -0.21	26.62 0.08 -0.04	31.37 0.16 0.00	29.94 -0.06 -0.21	29.58 -0.12 -0.17	26.88 -0.16 -0.31	26.07 -0.23 -0.29	23.29 -0.21 -0.39	22.65 -0.16 -0.38	20.13 -0.12 -0.54	18.58 -0.11 -0.65	24.42 -0.10 -0.66	24.65 0.00 -0.63	30.97 -0.03 -0.42	30.41 -0.06 -0.51	32.41 -0.03 -0.06	27.99 -0.08 -0.13	22.29 -0.13 -0.24
CAITHNESS_CC_1 323624	31.51 2.55 0.00	28.64 1.99 -1.21	26.84 1.74 -1.00	25.75 1.66 -2.28	26.50 1.55 -2.53	26.62 1.68 -2.25	28.48 1.60 -5.77	29.98 2.52 -0.96	34.15 2.93 0.00	37.81 2.35 -5.66	36.33 2.24 -4.56	37.16 2.03 -8.40	35.88 1.93 -7.93	35.61 1.71 -10.79	34.71 1.97 -10.30	36.49 1.85 -14.93	38.35 1.77 -18.54	44.40 2.38 -18.16	43.49 2.31 -17.16	45.16 3.00 -11.58	46.75 2.85 -13.95	37.10 2.95 -1.78	34.21 2.66 -3.61	30.43 1.73 -6.51
CALPINE BETH_PAGE_GT4 24209	31.34 2.37 0.00	28.53 1.88 -1.21	26.79 1.69 -1.00	25.67 1.57 -2.28	26.48 1.52 -2.53	26.55 1.61 -2.25	28.37 1.50 -5.77	29.80 2.33 -0.96	33.84 2.62 0.00	37.84 2.38 -5.66	36.31 2.21 -4.57	37.16 2.03 -8.40	35.90 1.95 -7.94	35.66 1.76 -10.79	34.53 1.79 -10.30	36.25 1.60 -14.95	38.15 1.41 -18.70	43.97 1.96 -18.17	43.11 1.92 -17.17	44.53 2.39 -11.57	46.20 2.31 -13.94	36.68 2.53 -1.78	33.98 2.43 -3.61	30.29 1.60 -6.51
CALPINE_BETH_PAGE_GT_4 323586	31.34 2.38 0.00	28.53 1.88 -1.21	26.79 1.69 -1.00	25.67 1.57 -2.28	26.48 1.53 -2.53	26.55 1.61 -2.25	28.37 1.50 -5.77	29.80 2.33 -0.96	33.93 2.71 0.00	37.84 2.38 -5.66	36.31 2.22 -4.57	37.16 2.03 -8.40	35.90 1.95 -7.94	35.66 1.76 -10.79	34.53 1.80 -10.30	36.25 1.60 -14.95	38.15 1.41 -18.70	43.90 1.88 -18.17	43.04 1.85 -17.17	44.55 2.39 -11.58	46.22 2.31 -13.95	36.69 2.53 -1.78	33.98 2.43 -3.61	30.32 1.62 -6.51
CALPINE_BP_GT1 23823	31.34 2.38 0.00	28.53 1.88 -1.21	26.79 1.69 -1.00	25.67 1.57 -2.28	26.48 1.53 -2.53	26.55 1.61 -2.25	28.37 1.50 -5.77	29.80 2.33 -0.96	33.93 2.71 0.00	37.84 2.38 -5.66	36.31 2.22 -4.57	37.16 2.03 -8.40	35.90 1.95 -7.94	35.66 1.76 -10.79	34.53 1.80 -10.30	36.25 1.60 -14.95	38.15 1.41 -18.70	43.90 1.88 -18.17	43.04 1.85 -17.17	44.55 2.39 -11.58	46.22 2.31 -13.95	36.69 2.53 -1.78	33.98 2.43 -3.61	30.32 1.62 -6.51
CALSPAN___DRP 24200	26.91 -2.06 0.00	23.51 -2.14 -0.20	22.19 -2.07 -0.17	20.50 -1.70 -0.38	21.03 -1.82 -0.42	21.06 -2.00 -0.37	20.25 -1.82 -0.96	24.28 -2.39 -0.16	28.16 -3.06 0.00	27.28 -3.46 -0.94	26.74 -3.54 -0.76	25.00 -3.13 -1.40	24.50 -2.84 -1.32	22.41 -2.50 -1.79	21.75 -2.40 -1.71	20.07 -2.11 -2.47	19.18 -1.84 -2.98	24.32 -2.55 -3.02	24.33 -2.55 -2.85	29.63 -2.87 -1.92	29.61 -2.67 -2.32	29.69 -2.98 -0.29	26.31 -2.24 -0.60	21.60 -1.66 -1.08

CALVERTON___SOLAR 323806	31.62 2.66 0.00	28.71 2.06 -1.21	26.93 1.83 -1.00	25.84 1.75 -2.28	26.59 1.64 -2.53	26.68 1.75 -2.25	28.54 1.67 -5.77	30.09 2.62 -0.96	34.21 3.00 0.00	37.81 2.35 -5.66	36.33 2.24 -4.56	37.16 2.03 -8.40	35.85 1.90 -7.93	35.61 1.71 -10.79	34.75 2.02 -10.30	36.57 1.93 -14.93	38.44 1.86 -18.54	44.54 2.53 -18.16	43.61 2.42 -17.16	45.34 3.18 -11.58	46.93 3.02 -13.95	37.20 3.04 -1.78	34.26 2.71 -3.61	30.47 1.78 -6.51
CANDIGU_WT_PWR 323617	27.72 -1.24 0.00	24.38 -1.32 -0.26	23.09 -1.23 -0.22	21.34 -0.98 -0.50	21.95 -1.03 -0.56	22.07 -1.11 -0.50	21.39 -0.99 -1.27	25.29 -1.43 -0.21	29.38 -1.84 0.00	28.75 -2.29 -1.25	28.08 -2.45 -1.01	26.34 -2.25 -1.85	25.63 -2.13 -1.75	23.53 -1.96 -2.38	22.78 -1.93 -2.27	21.30 -1.70 -3.28	20.50 -1.50 -3.95	25.93 -1.93 -4.01	25.96 -1.85 -3.79	31.05 -2.08 -2.55	31.15 -1.89 -3.08	30.70 -2.07 -0.39	27.06 -1.68 -0.80	22.49 -1.13 -1.44
CARR STREET_E_SYR 24060	28.53 -0.43 0.00	25.17 -0.38 -0.11	23.85 -0.34 -0.09	21.72 -0.31 -0.21	22.32 -0.34 -0.23	22.55 -0.34 -0.21	21.34 -0.30 -0.53	26.14 -0.45 -0.09	30.69 -0.53 0.00	29.78 -0.54 -0.52	29.42 -0.53 -0.42	27.05 -0.45 -0.77	26.30 -0.44 -0.73	23.76 -0.35 -0.99	23.05 -0.34 -0.95	20.78 -0.30 -1.37	19.44 -0.25 -1.65	25.19 -0.33 -1.67	25.26 -0.34 -1.58	31.24 -0.40 -1.07	30.91 -0.33 -1.28	32.19 -0.36 -0.16	27.94 -0.33 -0.33	22.52 -0.27 -0.60
CARTHAGE___PAPER 23857	28.18 -0.78 0.00	24.87 -0.64 -0.06	23.50 -0.65 -0.05	21.30 -0.63 -0.11	21.96 -0.58 -0.12	22.21 -0.59 -0.11	20.97 -0.42 -0.28	26.02 -0.53 -0.05	30.66 -0.56 0.00	29.29 -0.77 -0.28	28.89 -0.86 -0.22	26.26 -0.88 -0.41	25.47 -0.94 -0.39	22.78 -0.85 -0.52	22.15 -0.79 -0.50	19.78 -0.65 -0.72	18.37 -0.54 -0.87	24.11 -0.62 -0.88	24.40 -0.46 -0.83	30.56 -0.58 -0.56	30.04 -0.60 -0.68	31.82 -0.65 -0.09	27.47 -0.64 -0.18	21.88 -0.62 -0.32
CASSADAGA_WT_PWR 323784	27.57 -1.39 0.00	24.08 -1.58 -0.21	22.76 -1.52 -0.18	21.03 -1.20 -0.41	21.58 -1.30 -0.45	21.52 -1.57 -0.40	20.66 -1.48 -1.03	24.66 -2.02 -0.17	28.69 -2.53 0.00	27.50 -3.31 -1.02	26.80 -3.54 -0.82	25.00 -3.24 -1.50	24.39 -3.04 -1.42	22.27 -2.77 -1.93	21.54 -2.74 -1.85	19.97 -2.41 -2.67	19.17 -2.07 -3.21	24.24 -2.86 -3.26	24.24 -2.86 -3.08	29.44 -3.21 -2.07	29.43 -3.02 -2.50	29.43 -3.27 -0.32	26.10 -2.49 -0.65	21.51 -1.84 -1.17
CE_DUNWOOD___DRP 24194	30.73 1.77 0.00	28.15 1.50 -1.20	26.47 1.37 -1.00	25.38 1.29 -2.27	26.27 1.32 -2.52	26.22 1.29 -2.25	28.06 1.20 -5.75	29.10 1.64 -0.96	33.22 2.00 0.00	37.32 1.88 -5.65	35.93 1.86 -4.54	36.81 1.71 -8.37	35.59 1.67 -7.91	35.34 1.48 -10.76	34.18 1.48 -10.26	35.86 1.32 -14.83	37.12 1.23 -17.86	43.58 1.62 -18.11	42.72 1.59 -17.11	44.10 1.99 -11.53	45.77 1.92 -13.89	36.28 2.14 -1.76	33.33 1.79 -3.60	30.03 1.35 -6.49
CE_MILLWOOD___DRP 24193	30.64 1.68 0.00	28.06 1.42 -1.19	26.44 1.35 -1.00	25.33 1.24 -2.26	26.21 1.28 -2.51	26.19 1.27 -2.24	28.02 1.18 -5.73	29.05 1.59 -0.95	33.15 1.94 0.00	37.24 1.82 -5.63	35.86 1.80 -4.53	36.73 1.66 -8.34	35.50 1.61 -7.88	35.26 1.43 -10.71	34.10 1.44 -10.23	35.76 1.28 -14.77	37.02 1.19 -17.79	43.47 1.57 -18.04	42.63 1.56 -17.05	43.99 1.93 -11.49	45.66 1.86 -13.84	36.21 2.07 -1.76	33.26 1.73 -3.59	29.96 1.31 -6.47
CE_NYC2_DRP 24202	30.99 2.03 0.00	28.41 1.76 -1.21	26.71 1.61 -1.00	25.58 1.48 -2.28	26.50 1.55 -2.53	26.43 1.50 -2.25	28.31 1.44 -5.76	29.37 1.91 -0.96	33.50 2.28 0.00	37.63 2.17 -5.66	36.21 2.13 -4.55	37.10 1.98 -8.39	35.84 1.90 -7.92	35.60 1.71 -10.78	34.43 1.71 -10.29	36.09 1.52 -14.86	37.32 1.39 -17.89	43.86 1.86 -18.15	43.00 1.83 -17.15	44.37 2.23 -11.56	46.01 2.13 -13.92	36.58 2.43 -1.77	33.56 2.01 -3.61	30.22 1.53 -6.50
CE_NYC_DRP 24195	30.90 1.94 0.00	28.30 1.65 -1.21	26.62 1.52 -1.00	25.52 1.42 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.22 1.35 -5.76	29.27 1.80 -0.96	33.40 2.19 0.00	37.54 2.09 -5.66	36.12 2.04 -4.55	37.02 1.90 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.79 1.79 -18.15	42.92 1.75 -17.15	44.31 2.17 -11.56	45.92 2.04 -13.92	36.51 2.36 -1.77	33.50 1.96 -3.61	30.15 1.46 -6.50
CHAFFEE___LFGE 323603	27.25 -1.71 0.00	23.48 -2.19 -0.23	22.17 -2.12 -0.19	20.49 -1.77 -0.44	21.05 -1.86 -0.48	21.07 -2.04 -0.43	20.35 -1.86 -1.10	24.22 -2.46 -0.18	28.72 -2.50 0.00	27.39 -3.49 -1.08	26.83 -3.57 -0.87	25.16 -3.18 -1.60	24.59 -2.94 -1.52	22.56 -2.61 -2.06	21.89 -2.51 -1.97	20.31 -2.25 -2.84	19.50 -1.97 -3.42	24.63 -2.70 -3.47	24.61 -2.69 -3.28	29.73 -3.06 -2.21	29.75 -2.88 -2.67	29.61 -3.11 -0.34	26.17 -2.46 -0.69	21.61 -1.82 -1.25
CHATEAUG_35_KV_LOAD 355732	28.56 -0.41 0.00	25.14 -0.31 0.00	23.86 -0.24 0.00	21.56 -0.26 0.00	22.15 -0.27 0.00	22.44 -0.25 0.00	20.77 -0.34 0.00	26.16 -0.34 0.00	31.03 -0.19 0.00	29.85 0.06 0.00	29.62 0.09 0.00	26.68 -0.05 0.00	25.94 -0.08 0.00	22.90 -0.21 0.00	22.12 -0.31 0.00	19.37 -0.34 0.00	17.64 -0.40 0.00	23.35 -0.50 0.00	23.47 -0.55 0.00	29.81 -0.76 0.00	28.94 -1.02 0.00	31.18 -1.20 0.00	26.82 -1.12 0.00	21.39 -0.80 0.00
CHATEAUG_WT_PWR 323614	28.56 -0.41 0.00	25.11 -0.33 0.00	23.86 -0.24 0.00	21.53 -0.28 0.00	22.16 -0.27 0.00	22.39 -0.30 0.00	20.75 -0.36 0.00	26.13 -0.37 0.00	31.00 -0.22 0.00	29.82 0.03 0.00	29.62 0.09 0.00	26.71 -0.03 0.00	25.94 -0.08 0.00	22.90 -0.21 0.00	22.12 -0.31 0.00	19.39 -0.32 0.00	17.64 -0.40 0.00	23.35 -0.50 0.00	23.47 -0.55 0.00	29.81 -0.76 0.00	28.97 -0.99 0.00	31.22 -1.16 0.00	26.85 -1.09 0.00	21.41 -0.78 0.00
CHAT_HIGH_FALL_HYD 323578	28.56 -0.41 0.00	25.14 -0.31 0.00	23.86 -0.24 0.00	21.56 -0.26 0.00	22.15 -0.27 0.00	22.44 -0.25 0.00	20.77 -0.34 0.00	26.16 -0.34 0.00	31.03 -0.19 0.00	29.85 0.06 0.00	29.62 0.09 0.00	26.68 -0.05 0.00	25.94 -0.08 0.00	22.90 -0.21 0.00	22.12 -0.31 0.00	19.37 -0.34 0.00	17.64 -0.40 0.00	23.35 -0.50 0.00	23.47 -0.55 0.00	29.81 -0.76 0.00	28.94 -1.02 0.00	31.18 -1.20 0.00	26.82 -1.12 0.00	21.39 -0.80 0.00
CHAUTAUQUA___LFGE 323629	27.57 -1.39 0.00	24.10 -1.55 -0.21	22.78 -1.49 -0.18	21.04 -1.18 -0.40	21.59 -1.28 -0.44	21.58 -1.50 -0.39	20.75 -1.37 -1.01	24.79 -1.88 -0.17	28.84 -2.37 0.00	27.78 -3.01 -0.99	27.14 -3.19 -0.80	25.34 -2.86 -1.47	24.78 -2.63 -1.39	22.64 -2.36 -1.89	21.95 -2.29 -1.81	20.29 -2.03 -2.61	19.43 -1.75 -3.14	24.60 -2.43 -3.19	24.63 -2.40 -3.01	29.95 -2.66 -2.03	29.92 -2.49 -2.44	29.97 -2.72 -0.31	26.53 -2.04 -0.63	21.84 -1.49 -1.14
CHERRYST_13_KV_LD 356241	30.96 2.00 0.00	28.35 1.70 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.47 1.52 -2.53	26.41 1.47 -2.25	28.27 1.39 -5.76	29.35 1.88 -0.96	33.50 2.28 0.00	37.60 2.15 -5.66	36.21 2.13 -4.55	37.10 1.98 -8.39	35.84 1.90 -7.92	35.60 1.71 -10.78	34.43 1.71 -10.29	36.09 1.52 -14.86	37.32 1.39 -17.89	43.86 1.86 -18.15	42.97 1.80 -17.15	44.37 2.23 -11.56	46.01 2.13 -13.92	36.57 2.43 -1.77	33.56 2.01 -3.61	30.20 1.51 -6.50

CHESTROR_138KV_BK263 355645	30.29 1.33 0.00	27.70 1.14 -1.11	26.11 1.08 -0.93	24.94 1.00 -2.12	25.80 1.03 -2.35	25.80 1.02 -2.09	27.42 0.95 -5.36	28.67 1.27 -0.89	32.75 1.53 0.00	36.49 1.43 -5.26	35.15 1.39 -4.23	35.84 1.31 -7.80	34.63 1.25 -7.37	34.26 1.13 -10.02	33.12 1.12 -9.57	34.52 0.99 -13.82	35.60 0.92 -16.64	41.97 1.24 -16.88	41.22 1.25 -15.95	42.85 1.53 -10.75	44.37 1.47 -12.95	35.64 1.62 -1.64	32.67 1.37 -3.36	29.30 1.06 -6.05
CH_MIDHUDSON___DRP 24192	30.58 1.62 0.00	28.04 1.37 -1.22	26.42 1.30 -1.02	25.33 1.20 -2.31	26.22 1.23 -2.57	26.17 1.20 -2.29	28.08 1.12 -5.86	28.96 1.48 -0.97	33.03 1.81 0.00	37.24 1.70 -5.75	35.81 1.65 -4.63	36.78 1.52 -8.52	35.55 1.48 -8.05	35.38 1.32 -10.95	34.19 1.30 -10.45	35.97 1.16 -15.10	37.30 1.08 -18.18	43.72 1.43 -18.44	42.88 1.44 -17.42	44.09 1.77 -11.74	45.84 1.74 -14.14	36.05 1.88 -1.79	33.23 1.62 -3.67	30.06 1.26 -6.61
CH_MISC_IPPS 23765	30.67 1.71 0.00	28.09 1.45 -1.20	26.45 1.35 -1.00	25.34 1.24 -2.28	26.25 1.30 -2.52	26.20 1.27 -2.25	28.05 1.18 -5.76	29.00 1.54 -0.96	33.09 1.87 0.00	37.21 1.76 -5.66	35.79 1.71 -4.55	36.69 1.58 -8.38	35.44 1.51 -7.92	35.24 1.36 -10.77	34.06 1.35 -10.28	35.74 1.18 -14.85	37.02 1.10 -17.88	43.46 1.48 -18.13	42.67 1.51 -17.14	43.94 1.80 -11.56	45.68 1.80 -13.92	36.09 1.94 -1.77	33.23 1.68 -3.61	30.00 1.31 -6.50
CH_RES_BVR_FALLS 23983	28.35 -0.61 0.00	24.93 -0.51 0.00	23.62 -0.48 0.00	21.36 -0.46 0.00	21.98 -0.45 0.00	22.30 -0.39 0.00	20.73 -0.38 0.00	26.05 -0.45 0.00	30.72 -0.50 0.00	29.40 -0.39 0.00	29.14 -0.38 0.00	26.33 -0.40 0.00	25.57 -0.44 0.00	22.67 -0.44 0.00	21.94 -0.49 0.00	19.26 -0.45 0.00	17.57 -0.47 0.00	23.23 -0.62 0.00	23.37 -0.65 0.00	29.72 -0.86 0.00	29.03 -0.93 0.00	31.41 -0.97 0.00	27.07 -0.87 0.00	21.54 -0.64 0.00
CH_RES_NIAGARA 23895	26.21 -2.75 0.00	23.03 -2.60 -0.18	21.75 -2.51 -0.15	20.05 -2.12 -0.35	20.57 -2.24 -0.39	20.60 -2.43 -0.35	19.80 -2.20 -0.89	23.79 -2.86 -0.15	27.32 -3.90 0.00	26.67 -3.99 -0.87	26.21 -4.02 -0.70	24.49 -3.53 -1.29	24.06 -3.17 -1.22	21.97 -2.80 -1.66	21.37 -2.65 -1.58	19.69 -2.31 -2.28	18.75 -2.04 -2.75	23.80 -2.84 -2.79	23.82 -2.83 -2.64	29.05 -3.30 -1.78	29.04 -3.06 -2.14	29.19 -3.46 -0.27	25.90 -2.60 -0.55	21.21 -1.97 -1.00
CH_RES_SYRACUSE 23985	28.67 -0.29 0.00	25.31 -0.25 -0.12	23.98 -0.22 -0.10	21.86 -0.20 -0.23	22.46 -0.22 -0.26	22.69 -0.23 -0.23	21.53 -0.17 -0.59	26.31 -0.29 -0.10	30.84 -0.37 0.00	29.99 -0.39 -0.58	29.64 -0.35 -0.47	27.30 -0.29 -0.86	26.54 -0.29 -0.81	23.99 -0.23 -1.11	23.27 -0.22 -1.06	21.06 -0.18 -1.53	19.71 -0.16 -1.84	25.50 -0.22 -1.86	25.59 -0.19 -1.76	31.52 -0.25 -1.19	31.24 -0.15 -1.43	32.40 -0.16 -0.18	28.12 -0.19 -0.37	22.70 -0.15 -0.67
CLINTON_WT_PWR 323605	28.56 -0.41 0.00	25.11 -0.33 0.00	23.86 -0.24 0.00	21.53 -0.28 0.00	22.16 -0.27 0.00	22.39 -0.30 0.00	20.75 -0.36 0.00	26.13 -0.37 0.00	31.00 -0.22 0.00	29.82 0.03 0.00	29.62 0.09 0.00	26.71 -0.03 0.00	25.94 -0.08 0.00	22.90 -0.21 0.00	22.12 -0.31 0.00	19.39 -0.32 0.00	17.64 -0.40 0.00	23.35 -0.50 0.00	23.47 -0.55 0.00	29.81 -0.76 0.00	28.97 -0.99 0.00	31.22 -1.16 0.00	26.85 -1.09 0.00	21.41 -0.78 0.00
CLINTON___LFGE 323618	28.82 -0.14 0.00	25.34 -0.10 0.00	24.07 -0.02 0.00	21.75 -0.07 0.00	22.38 -0.04 0.00	22.64 -0.05 0.00	20.98 -0.13 0.00	26.43 -0.08 0.00	31.37 0.16 0.00	30.21 0.42 0.00	29.97 0.44 0.00	27.00 0.27 0.00	26.22 0.21 0.00	23.16 0.05 0.00	22.35 -0.09 0.00	19.57 -0.14 0.00	17.80 -0.24 0.00	23.59 -0.26 0.00	23.71 -0.31 0.00	30.18 -0.40 0.00	29.27 -0.69 0.00	31.54 -0.84 0.00	27.10 -0.84 0.00	21.61 -0.58 0.00
COBBLENY_34_KV_TB1 80064	27.25 -1.71 0.00	23.48 -2.19 -0.23	22.17 -2.12 -0.19	20.49 -1.77 -0.44	21.05 -1.86 -0.48	21.07 -2.04 -0.43	20.35 -1.86 -1.10	24.22 -2.46 -0.18	28.72 -2.50 0.00	27.39 -3.49 -1.08	26.83 -3.57 -0.87	25.16 -3.18 -1.60	24.59 -2.94 -1.52	22.56 -2.61 -2.06	21.89 -2.51 -1.97	20.31 -2.25 -2.84	19.50 -1.97 -3.42	24.63 -2.70 -3.47	24.61 -2.69 -3.28	29.73 -3.06 -2.21	29.75 -2.88 -2.66	29.58 -3.14 -0.34	26.17 -2.46 -0.69	21.61 -1.82 -1.24
COFFEEN___115KV_TB3 355620	28.38 -0.58 0.00	25.05 -0.46 -0.07	23.65 -0.51 -0.06	21.44 -0.50 -0.13	22.11 -0.45 -0.14	22.36 -0.45 -0.12	21.09 -0.34 -0.32	26.13 -0.42 -0.05	30.78 -0.44 0.00	29.48 -0.63 -0.31	29.07 -0.71 -0.25	26.45 -0.75 -0.46	25.65 -0.81 -0.44	22.96 -0.74 -0.59	22.37 -0.63 -0.57	20.02 -0.51 -0.82	18.63 -0.40 -0.99	24.44 -0.41 -1.00	24.77 -0.19 -0.95	30.97 -0.24 -0.64	30.49 -0.24 -0.77	32.22 -0.26 -0.10	27.83 -0.31 -0.20	22.15 -0.40 -0.36
COLDSPRG_115KV_BK1 355956	27.83 -1.13 0.00	24.19 -1.48 -0.22	22.84 -1.45 -0.19	21.11 -1.13 -0.42	21.66 -1.23 -0.47	21.63 -1.47 -0.42	20.83 -1.35 -1.07	24.85 -1.83 -0.18	29.16 -2.06 0.00	27.92 -2.92 -1.05	27.30 -3.07 -0.85	25.51 -2.78 -1.56	24.94 -2.55 -1.47	22.80 -2.31 -2.00	22.10 -2.24 -1.91	20.48 -1.99 -2.76	19.63 -1.73 -3.32	24.81 -2.41 -3.37	24.80 -2.40 -3.18	30.09 -2.63 -2.14	30.09 -2.46 -2.58	30.05 -2.66 -0.33	26.60 -2.01 -0.67	21.93 -1.46 -1.21
COLONIE_LFGE___ 323577	30.27 1.30 0.00	27.99 1.07 -1.48	26.35 1.01 -1.24	25.55 0.92 -2.81	26.49 0.94 -3.12	26.42 0.95 -2.78	29.13 0.91 -7.12	28.91 1.22 -1.18	32.69 1.47 0.00	38.18 1.40 -6.99	36.54 1.39 -5.62	38.35 1.26 -10.36	37.05 1.25 -9.78	37.53 1.11 -13.31	36.17 1.03 -12.70	38.97 0.91 -18.35	40.97 0.83 -22.10	47.36 1.10 -22.41	46.31 1.11 -21.18	46.39 1.59 -14.23	48.68 1.59 -17.14	36.21 1.65 -2.17	33.83 1.45 -4.44	31.30 1.11 -8.01
COOPERNY_115KV_TB1 80082	29.92 0.96 0.00	27.16 0.81 -0.91	25.63 0.77 -0.76	24.26 0.72 -1.73	25.10 0.76 -1.91	25.12 0.73 -1.70	26.17 0.70 -4.37	28.16 0.93 -0.73	32.31 1.09 0.00	35.12 1.04 -4.29	33.98 1.00 -3.45	34.02 0.94 -6.35	32.93 0.91 -6.00	32.08 0.81 -8.16	31.06 0.83 -7.79	31.70 0.73 -11.26	32.28 0.69 -13.55	38.50 0.91 -13.75	37.92 0.91 -12.99	40.46 1.13 -8.75	41.58 1.08 -10.55	34.92 1.20 -1.34	31.68 1.01 -2.73	27.89 0.78 -4.93
COPENHAGEN_WT_PWR 323753	28.27 -0.70 0.00	24.98 -0.54 -0.07	23.58 -0.58 -0.06	21.40 -0.54 -0.13	22.05 -0.51 -0.14	22.29 -0.52 -0.13	21.03 -0.40 -0.33	26.06 -0.50 -0.05	30.66 -0.56 0.00	29.40 -0.72 -0.32	29.02 -0.77 -0.26	26.43 -0.78 -0.48	25.63 -0.83 -0.45	22.96 -0.76 -0.61	22.37 -0.65 -0.58	20.02 -0.53 -0.84	18.61 -0.45 -1.02	24.38 -0.50 -1.03	24.66 -0.34 -0.97	30.81 -0.43 -0.66	30.33 -0.42 -0.79	32.06 -0.42 -0.10	27.70 -0.45 -0.21	22.07 -0.49 -0.37
CORNELL_____ 23752	29.19 0.23 0.00	25.86 0.15 -0.27	24.49 0.17 -0.22	22.50 0.17 -0.51	23.12 0.13 -0.57	23.33 0.14 -0.50	22.59 0.19 -1.29	26.91 0.19 -0.21	31.47 0.25 0.00	31.18 0.12 -1.27	30.63 0.09 -1.02	28.66 0.05 -1.88	27.81 0.03 -1.77	25.57 0.05 -2.41	24.78 0.04 -2.30	23.11 0.08 -3.32	22.15 0.11 -4.00	28.08 0.17 -4.06	28.10 0.24 -3.84	33.50 0.34 -2.59	33.49 0.42 -3.11	33.23 0.45 -0.40	29.05 0.31 -0.81	23.88 0.24 -1.45

CORONA__69_KV_TB1 355595	31.28 2.32 0.00	28.51 1.86 -1.21	26.76 1.66 -1.00	25.62 1.53 -2.28	26.48 1.52 -2.53	26.50 1.57 -2.25	28.33 1.46 -5.77	29.69 2.23 -0.96	33.84 2.62 0.00	37.90 2.44 -5.66	36.37 2.27 -4.57	37.22 2.09 -8.40	35.96 2.00 -7.94	35.71 1.80 -10.80	34.54 1.79 -10.30	36.29 1.60 -14.99	38.56 1.46 -19.06	44.02 2.00 -18.17	43.18 1.99 -17.17	44.63 2.48 -11.58	46.33 2.43 -13.94	36.82 2.66 -1.78	34.04 2.49 -3.61	30.38 1.69 -6.51
CORTLAND__115KV_TB3 80093	29.05 0.09 0.00	25.69 0.03 -0.22	24.30 0.02 -0.18	22.28 0.04 -0.41	22.90 0.02 -0.46	23.12 0.02 -0.41	22.22 0.06 -1.05	26.71 0.03 -0.17	31.28 0.06 0.00	30.76 -0.06 -1.03	30.29 -0.06 -0.83	28.20 -0.05 -1.52	27.38 -0.08 -1.44	25.02 -0.05 -1.96	24.28 -0.02 -1.87	22.41 0.00 -2.70	21.30 0.02 -3.25	27.19 0.05 -3.29	27.23 0.10 -3.11	32.80 0.12 -2.10	32.66 0.18 -2.53	32.89 0.19 -0.32	28.73 0.14 -0.65	23.45 0.09 -1.18
COXSACKIE__GT 23611	30.64 1.68 0.00	27.83 0.99 -1.40	26.16 0.89 -1.17	25.26 0.78 -2.66	26.22 0.85 -2.95	26.13 0.82 -2.62	28.65 0.82 -6.72	28.58 0.95 -1.12	32.81 1.59 0.00	37.38 0.98 -6.60	35.72 0.88 -5.31	37.23 0.72 -9.78	35.98 0.73 -9.24	36.30 0.62 -12.57	34.99 0.56 -11.99	37.51 0.47 -17.33	39.37 0.47 -20.86	45.70 0.69 -21.16	44.93 0.91 -20.00	45.05 1.01 -13.47	47.35 1.17 -16.22	35.44 1.00 -2.06	33.21 1.06 -4.21	30.65 0.89 -7.58
CPV_VALLEY__CC1 323721	30.09 1.13 0.00	27.45 0.97 -1.04	25.88 0.92 -0.87	24.65 0.85 -1.98	25.49 0.87 -2.19	25.50 0.86 -1.95	26.92 0.80 -5.00	28.42 1.09 -0.83	32.50 1.28 0.00	35.93 1.22 -4.92	34.66 1.18 -3.95	35.14 1.12 -7.28	33.96 1.07 -6.88	33.44 0.97 -9.36	32.33 0.96 -8.93	33.48 0.87 -12.90	34.37 0.79 -15.54	40.66 1.05 -15.76	39.97 1.06 -14.89	41.90 1.28 -10.04	43.31 1.26 -12.10	35.31 1.39 -1.54	32.25 1.17 -3.14	28.75 0.91 -5.65
CPV_VALLEY__CC2 323722	30.09 1.13 0.00	27.45 0.97 -1.04	25.88 0.92 -0.87	24.65 0.85 -1.98	25.49 0.87 -2.19	25.50 0.86 -1.95	26.92 0.80 -5.00	28.42 1.09 -0.83	32.50 1.28 0.00	35.93 1.22 -4.92	34.66 1.18 -3.95	35.14 1.12 -7.28	33.96 1.07 -6.88	33.44 0.97 -9.36	32.33 0.96 -8.93	33.48 0.87 -12.90	34.37 0.79 -15.54	40.66 1.05 -15.76	39.97 1.06 -14.89	41.90 1.28 -10.04	43.31 1.26 -12.10	35.31 1.39 -1.54	32.25 1.17 -3.14	28.75 0.91 -5.65
CRESCENT__HYD 24018	30.27 1.30 0.00	27.99 1.07 -1.48	26.35 1.01 -1.24	25.55 0.92 -2.81	26.49 0.94 -3.12	26.42 0.95 -2.78	29.13 0.91 -7.12	28.91 1.22 -1.18	32.69 1.47 0.00	38.18 1.40 -6.99	36.54 1.39 -5.62	38.35 1.26 -10.36	37.05 1.25 -9.78	37.53 1.11 -13.31	36.17 1.03 -12.70	38.97 0.91 -18.35	40.97 0.83 -22.10	47.36 1.10 -22.41	46.31 1.11 -21.18	46.39 1.59 -14.23	48.68 1.59 -17.14	36.21 1.65 -2.17	33.83 1.45 -4.44	31.30 1.11 -8.01
CRICKET__VALLEY_CC1 323756	30.41 1.45 0.00	27.95 1.25 -1.26	26.33 1.18 -1.05	25.32 1.11 -2.39	26.22 1.14 -2.65	26.18 1.13 -2.36	28.19 1.03 -6.05	28.89 1.38 -1.01	32.87 1.65 0.00	37.28 1.55 -5.94	35.84 1.53 -4.78	36.95 1.42 -8.80	35.71 1.38 -8.32	35.65 1.22 -11.32	34.47 1.23 -10.80	36.39 1.08 -15.60	37.83 1.01 -18.78	44.24 1.33 -19.05	43.34 1.32 -18.01	44.35 1.62 -12.15	46.15 1.56 -14.64	35.98 1.75 -1.86	33.24 1.51 -3.80	30.20 1.18 -6.84
CRICKET__VALLEY_CC2 323757	30.41 1.45 0.00	27.95 1.25 -1.26	26.33 1.18 -1.05	25.32 1.11 -2.39	26.22 1.14 -2.65	26.18 1.13 -2.36	28.19 1.03 -6.05	28.89 1.38 -1.01	32.87 1.65 0.00	37.28 1.55 -5.94	35.84 1.53 -4.78	36.95 1.42 -8.80	35.71 1.38 -8.32	35.65 1.22 -11.32	34.47 1.23 -10.80	36.39 1.08 -15.60	37.83 1.01 -18.78	44.24 1.33 -19.05	43.34 1.32 -18.01	44.35 1.62 -12.15	46.15 1.56 -14.64	35.98 1.75 -1.86	33.24 1.51 -3.80	30.20 1.18 -6.84
CRICKET__VALLEY_CC3 323758	30.41 1.45 0.00	27.95 1.25 -1.26	26.33 1.18 -1.05	25.32 1.11 -2.39	26.22 1.14 -2.65	26.18 1.13 -2.36	28.19 1.03 -6.05	28.89 1.38 -1.01	32.87 1.65 0.00	37.28 1.55 -5.94	35.84 1.53 -4.78	36.95 1.42 -8.80	35.71 1.38 -8.32	35.65 1.22 -11.32	34.47 1.23 -10.80	36.39 1.08 -15.60	37.83 1.01 -18.78	44.24 1.33 -19.05	43.34 1.32 -18.01	44.35 1.62 -12.15	46.15 1.56 -14.64	35.98 1.75 -1.86	33.24 1.51 -3.80	30.20 1.18 -6.84
CRUCIBLE__METL_DRP 24180	28.67 -0.29 0.00	25.31 -0.25 -0.12	23.98 -0.22 -0.10	21.86 -0.20 -0.23	22.46 -0.22 -0.26	22.69 -0.23 -0.23	21.53 -0.17 -0.59	26.31 -0.29 -0.10	30.84 -0.37 0.00	29.99 -0.39 -0.58	29.64 -0.35 -0.47	27.30 -0.29 -0.86	26.54 -0.29 -0.81	23.99 -0.23 -1.11	23.27 -0.22 -1.06	21.06 -0.18 -1.53	19.71 -0.16 -1.84	25.50 -0.21 -1.86	25.59 -0.19 -1.76	31.52 -0.24 -1.19	31.24 -0.15 -1.43	32.40 -0.16 -0.18	28.11 -0.20 -0.37	22.70 -0.16 -0.67
DAHOWA__HYDRO 323763	30.52 1.56 0.00	28.27 1.32 -1.50	26.60 1.25 -1.25	25.78 1.11 -2.85	26.73 1.14 -3.16	26.68 1.18 -2.81	29.46 1.14 -7.21	29.21 1.51 -1.20	33.03 1.81 0.00	38.66 1.79 -7.08	36.99 1.77 -5.69	38.80 1.58 -10.49	37.51 1.59 -9.91	38.00 1.41 -13.48	36.58 1.28 -12.86	39.40 1.10 -18.58	41.41 0.99 -22.38	47.86 1.31 -22.70	46.79 1.32 -21.45	46.86 1.87 -14.42	49.27 1.95 -17.36	36.56 1.98 -2.20	34.17 1.73 -4.50	31.63 1.33 -8.11
DANC__LFGE 323619	28.27 -0.70 0.00	24.96 -0.56 -0.08	23.59 -0.58 -0.07	21.45 -0.52 -0.15	22.08 -0.51 -0.17	22.29 -0.54 -0.15	21.07 -0.42 -0.38	25.99 -0.58 -0.06	30.56 -0.66 0.00	29.39 -0.77 -0.37	29.06 -0.77 -0.30	26.54 -0.75 -0.56	25.76 -0.78 -0.52	23.13 -0.69 -0.71	22.51 -0.60 -0.68	20.18 -0.51 -0.98	18.79 -0.43 -1.19	24.53 -0.52 -1.20	24.75 -0.41 -1.14	30.82 -0.52 -0.77	30.43 -0.45 -0.92	32.01 -0.48 -0.12	27.68 -0.50 -0.24	22.15 -0.47 -0.43
DANSKAMMER__1 23586	30.67 1.71 0.00	28.09 1.45 -1.20	26.45 1.35 -1.00	25.34 1.24 -2.28	26.25 1.30 -2.52	26.20 1.27 -2.25	28.05 1.18 -5.76	29.00 1.54 -0.96	33.09 1.87 0.00	37.21 1.76 -5.66	35.79 1.71 -4.55	36.69 1.58 -8.38	35.44 1.51 -7.92	35.24 1.36 -10.77	34.06 1.35 -10.28	35.74 1.18 -14.85	37.02 1.10 -17.88	43.46 1.48 -18.13	42.67 1.51 -17.14	43.94 1.80 -11.56	45.68 1.80 -13.92	36.09 1.94 -1.77	33.23 1.68 -3.61	30.00 1.31 -6.50
DANSKAMMER__2 23589	30.67 1.71 0.00	28.09 1.45 -1.20	26.45 1.35 -1.00	25.34 1.24 -2.28	26.25 1.30 -2.52	26.20 1.27 -2.25	28.05 1.18 -5.76	29.00 1.54 -0.96	33.09 1.87 0.00	37.21 1.76 -5.66	35.79 1.71 -4.55	36.69 1.58 -8.38	35.44 1.51 -7.92	35.24 1.36 -10.77	34.06 1.35 -10.28	35.74 1.18 -14.85	37.02 1.10 -17.88	43.46 1.48 -18.13	42.67 1.51 -17.14	43.94 1.80 -11.56	45.68 1.80 -13.92	36.09 1.94 -1.77	33.23 1.68 -3.61	30.00 1.31 -6.50
DANSKAMMER__3 23590	30.67 1.71 0.00	28.09 1.45 -1.20	26.45 1.35 -1.00	25.34 1.24 -2.28	26.25 1.30 -2.52	26.20 1.27 -2.25	28.05 1.18 -5.76	29.00 1.54 -0.96	33.09 1.87 0.00	37.21 1.76 -5.66	35.79 1.71 -4.55	36.69 1.58 -8.38	35.44 1.51 -7.92	35.24 1.36 -10.77	34.06 1.35 -10.28	35.74 1.18 -14.85	37.02 1.10 -17.88	43.46 1.48 -18.13	42.67 1.51 -17.14	43.94 1.80 -11.56	45.68 1.80 -13.92	36.09 1.94 -1.77	33.23 1.68 -3.61	30.00 1.31 -6.50

DANSKAMMER___4 23591	30.67 1.71 0.00	28.09 1.45 -1.20	26.45 1.35 -1.00	25.34 1.24 -2.28	26.25 1.30 -2.52	26.20 1.27 -2.25	28.05 1.18 -5.76	29.00 1.54 -0.96	33.09 1.87 0.00	37.21 1.76 -5.66	35.79 1.71 -4.55	36.69 1.58 -8.38	35.44 1.51 -7.92	35.24 1.36 -10.77	34.06 1.35 -10.28	35.74 1.18 -14.85	37.02 1.10 -17.88	43.46 1.48 -18.13	42.67 1.51 -17.14	43.94 1.80 -11.56	45.68 1.80 -13.92	36.09 1.94 -1.77	33.23 1.68 -3.61	30.00 1.31 -6.50
DANSKAMMER___DIESEL 23592	30.67 1.71 0.00	28.09 1.45 -1.20	26.45 1.35 -1.00	25.34 1.24 -2.28	26.25 1.30 -2.52	26.20 1.27 -2.25	28.05 1.18 -5.76	29.00 1.54 -0.96	33.09 1.87 0.00	37.21 1.76 -5.66	35.79 1.71 -4.55	36.69 1.58 -8.38	35.44 1.51 -7.92	35.24 1.36 -10.77	34.06 1.35 -10.28	35.74 1.18 -14.85	37.02 1.10 -17.88	43.46 1.48 -18.13	42.67 1.51 -17.14	43.93 1.80 -11.55	45.67 1.80 -13.91	36.09 1.94 -1.77	33.22 1.68 -3.61	29.99 1.31 -6.50
DARBY___SOLAR 323810	30.50 1.53 0.00	28.24 1.30 -1.50	26.58 1.23 -1.25	25.75 1.09 -2.84	26.70 1.12 -3.15	26.65 1.16 -2.81	29.42 1.12 -7.20	29.16 1.46 -1.20	33.00 1.78 0.00	38.59 1.73 -7.07	36.92 1.71 -5.68	38.72 1.52 -10.47	37.41 1.51 -9.89	37.90 1.34 -13.46	36.51 1.23 -12.84	39.32 1.06 -18.55	41.35 0.97 -22.34	47.77 1.26 -22.66	46.73 1.30 -21.41	46.80 1.83 -14.39	49.18 1.89 -17.33	36.49 1.91 -2.20	34.14 1.70 -4.49	31.59 1.31 -8.10
DASHVILLE___HYD 23610	30.53 1.56 0.00	27.59 0.92 -1.23	25.97 0.84 -1.03	24.95 0.79 -2.34	25.83 0.81 -2.60	25.77 0.77 -2.31	27.77 0.74 -5.93	28.47 0.98 -0.99	32.84 1.62 0.00	36.72 1.10 -5.82	35.27 1.06 -4.68	36.37 1.02 -8.62	35.13 0.96 -8.15	35.05 0.86 -11.08	33.89 0.87 -10.58	35.76 0.77 -15.28	37.18 0.74 -18.40	43.49 0.98 -18.66	42.67 1.01 -17.64	43.62 1.16 -11.89	45.41 1.14 -14.32	35.43 1.23 -1.82	32.71 1.06 -3.71	29.70 0.82 -6.69
DEERFIELD_69_KV_DEERFIELD LD 355887	31.68 2.72 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.86 1.77 -2.28	26.59 1.64 -2.53	26.73 1.79 -2.25	28.56 1.69 -5.77	30.17 2.70 -0.96	34.21 3.00 0.00	37.93 2.47 -5.66	36.34 2.24 -4.56	37.19 2.06 -8.40	35.88 1.93 -7.93	35.61 1.71 -10.79	34.73 2.00 -10.30	36.61 1.97 -14.93	38.49 1.91 -18.54	44.68 2.67 -18.16	43.73 2.55 -17.16	45.42 3.27 -11.57	46.95 3.06 -13.93	37.20 3.04 -1.78	34.20 2.65 -3.61	30.47 1.77 -6.51
DELAWARE___LFGE 323621	29.77 0.81 0.00	26.62 0.66 -0.51	25.15 0.63 -0.43	23.36 0.57 -0.97	24.11 0.61 -1.08	24.24 0.59 -0.96	24.14 0.57 -2.46	27.68 0.77 -0.41	32.19 0.97 0.00	33.11 0.89 -2.42	32.33 0.86 -1.95	31.09 0.78 -3.58	30.13 0.73 -3.38	28.38 0.67 -4.60	27.50 0.67 -4.39	26.65 0.59 -6.35	26.22 0.54 -7.64	32.32 0.72 -7.75	32.09 0.74 -7.33	36.43 0.92 -4.94	36.83 0.93 -5.95	34.14 1.00 -0.75	30.35 0.87 -1.54	25.61 0.64 -2.78
DERFIELD_115KV_TB7 355931	29.08 0.12 0.00	25.55 0.10 0.00	24.19 0.10 0.00	21.91 0.09 0.00	22.51 0.09 0.00	22.78 0.09 0.00	21.19 0.08 0.00	26.64 0.13 0.00	31.40 0.19 0.00	29.94 0.15 0.00	29.68 0.15 0.00	26.87 0.13 0.00	26.15 0.13 0.00	23.22 0.12 0.00	22.55 0.11 0.00	19.81 0.10 0.00	18.13 0.09 0.00	23.94 0.10 0.00	24.14 0.12 0.00	30.70 0.12 0.00	30.11 0.15 0.00	32.51 0.13 0.00	28.08 0.14 0.00	22.27 0.09 0.00
DOGLEVILLE___HYD 23807	29.43 0.46 0.00	25.85 0.41 0.00	24.46 0.36 0.00	22.15 0.33 0.00	22.78 0.36 0.00	23.05 0.36 0.00	21.45 0.34 0.00	27.04 0.53 0.00	31.90 0.69 0.00	30.48 0.69 0.00	30.18 0.65 0.00	27.24 0.51 0.00	26.41 0.39 0.00	23.39 0.28 0.00	22.62 0.18 0.00	19.73 0.02 0.00	17.98 -0.05 0.00	23.71 -0.14 0.00	23.85 -0.17 0.00	30.30 -0.28 0.00	29.69 -0.27 0.00	32.12 -0.26 0.00	27.80 -0.14 0.00	22.03 -0.16 0.00
DUNKIRK___115KV_TB_200 55889	27.57 -1.39 0.00	24.10 -1.55 -0.21	22.78 -1.49 -0.18	21.04 -1.18 -0.40	21.59 -1.28 -0.44	21.58 -1.50 -0.39	20.75 -1.37 -1.01	24.82 -1.86 -0.17	28.85 -2.37 0.00	27.80 -2.98 -0.99	27.19 -3.13 -0.80	25.39 -2.81 -1.47	24.83 -2.58 -1.39	22.69 -2.31 -1.89	21.99 -2.24 -1.80	20.34 -1.97 -2.60	19.46 -1.71 -3.13	24.67 -2.36 -3.18	24.69 -2.33 -3.00	30.00 -2.60 -2.02	30.00 -2.40 -2.44	30.03 -2.66 -0.31	26.59 -1.98 -0.63	21.88 -1.44 -1.14
DUNKIRK___1 23563	27.57 -1.39 0.00	24.10 -1.55 -0.21	22.78 -1.49 -0.18	21.04 -1.18 -0.40	21.59 -1.28 -0.44	21.58 -1.50 -0.39	20.75 -1.37 -1.01	24.82 -1.86 -0.17	28.85 -2.37 0.00	27.80 -2.98 -0.99	27.19 -3.13 -0.80	25.39 -2.81 -1.47	24.83 -2.58 -1.39	22.69 -2.31 -1.89	21.99 -2.24 -1.80	20.34 -1.97 -2.60	19.46 -1.71 -3.13	24.67 -2.36 -3.18	24.69 -2.33 -3.00	30.00 -2.60 -2.02	30.00 -2.40 -2.44	30.03 -2.66 -0.31	26.59 -1.98 -0.63	21.88 -1.44 -1.14
DUNKIRK___2 23564	27.57 -1.39 0.00	24.10 -1.55 -0.21	22.78 -1.49 -0.18	21.04 -1.18 -0.40	21.59 -1.28 -0.44	21.58 -1.50 -0.39	20.75 -1.37 -1.01	24.82 -1.86 -0.17	28.85 -2.37 0.00	27.80 -2.98 -0.99	27.19 -3.13 -0.80	25.39 -2.81 -1.47	24.83 -2.58 -1.39	22.69 -2.31 -1.89	21.99 -2.24 -1.80	20.34 -1.97 -2.60	19.46 -1.71 -3.13	24.67 -2.36 -3.18	24.69 -2.33 -3.00	30.00 -2.60 -2.02	30.00 -2.40 -2.44	30.03 -2.66 -0.31	26.59 -1.98 -0.63	21.88 -1.44 -1.14
DUNKIRK___3 23565	27.43 -1.53 0.00	23.97 -1.68 -0.21	22.66 -1.61 -0.18	20.91 -1.31 -0.40	21.48 -1.39 -0.44	21.47 -1.61 -0.39	20.66 -1.46 -1.01	24.71 -1.96 -0.17	28.72 -2.50 0.00	27.72 -3.07 -0.99	27.14 -3.19 -0.80	25.37 -2.83 -1.47	24.80 -2.60 -1.39	22.68 -2.31 -1.89	21.99 -2.24 -1.80	20.34 -1.97 -2.60	19.46 -1.71 -3.13	24.67 -2.36 -3.18	24.67 -2.35 -3.00	29.97 -2.63 -2.02	29.97 -2.43 -2.44	30.00 -2.69 -0.31	26.56 -2.01 -0.63	21.84 -1.49 -1.14
DUNKIRK___4 23566	27.43 -1.53 0.00	23.97 -1.68 -0.21	22.66 -1.61 -0.18	20.91 -1.31 -0.40	21.48 -1.39 -0.44	21.47 -1.61 -0.39	20.66 -1.46 -1.01	24.71 -1.96 -0.17	28.72 -2.50 0.00	27.72 -3.07 -0.99	27.14 -3.19 -0.80	25.37 -2.83 -1.47	24.80 -2.60 -1.39	22.68 -2.31 -1.89	21.99 -2.24 -1.80	20.34 -1.97 -2.60	19.46 -1.71 -3.13	24.67 -2.36 -3.18	24.67 -2.35 -3.00	29.97 -2.63 -2.02	29.97 -2.43 -2.44	30.00 -2.69 -0.31	26.56 -2.01 -0.63	21.84 -1.49 -1.14
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.79 1.82 0.00	28.20 1.55 -1.21	26.52 1.42 -1.00	25.41 1.31 -2.28	26.30 1.35 -2.53	26.27 1.34 -2.25	28.12 1.25 -5.76	29.16 1.70 -0.96	33.28 2.06 0.00	37.39 1.94 -5.66	36.00 1.92 -4.55	36.88 1.76 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.27 1.55 -10.29	35.95 1.38 -14.86	37.20 1.26 -17.89	43.67 1.67 -18.15	42.83 1.66 -17.15	44.18 2.05 -11.56	45.86 1.98 -13.92	36.35 2.20 -1.77	33.39 1.84 -3.61	30.09 1.40 -6.50
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.47 1.51 0.00	27.87 1.27 -1.16	26.27 1.20 -0.97	25.14 1.11 -2.21	26.04 1.17 -2.45	26.00 1.13 -2.18	27.75 1.06 -5.58	28.84 1.40 -0.93	32.90 1.69 0.00	36.86 1.58 -5.48	35.47 1.54 -4.41	36.27 1.42 -8.12	35.07 1.38 -7.68	34.78 1.22 -10.44	33.61 1.21 -9.97	35.19 1.08 -14.40	36.38 1.01 -17.34	42.77 1.34 -17.58	42.01 1.37 -16.62	43.43 1.65 -11.20	45.06 1.62 -13.49	35.87 1.78 -1.71	32.95 1.51 -3.50	29.66 1.18 -6.30

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.84 1.88 0.00	28.28 1.63 -1.21	26.59 1.49 -1.00	25.47 1.37 -2.28	26.39 1.44 -2.53	26.32 1.38 -2.25	28.20 1.33 -5.76	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.99 1.87 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.74 1.74 -18.15	42.88 1.71 -17.15	44.21 2.08 -11.56	45.86 1.98 -13.92	36.41 2.27 -1.77	33.42 1.87 -3.61	30.11 1.42 -6.50
E179THST_13_KV_LOAD 356214	30.93 1.97 0.00	28.35 1.70 -1.21	26.67 1.57 -1.00	25.54 1.44 -2.28	26.45 1.50 -2.53	26.41 1.47 -2.25	28.27 1.39 -5.76	29.35 1.88 -0.96	33.47 2.25 0.00	37.60 2.15 -5.66	36.18 2.10 -4.55	37.10 1.98 -8.39	35.81 1.87 -7.92	35.58 1.69 -10.78	34.41 1.68 -10.29	36.07 1.50 -14.86	37.30 1.37 -17.89	43.86 1.86 -18.15	42.97 1.80 -17.15	44.37 2.23 -11.56	46.01 2.13 -13.92	36.54 2.40 -1.77	33.53 1.98 -3.61	30.20 1.51 -6.50
EAST HAMPTON___GT 23717	31.42 2.46 0.00	28.53 1.88 -1.21	26.74 1.64 -1.00	25.67 1.57 -2.28	26.39 1.44 -2.53	26.52 1.59 -2.25	28.37 1.50 -5.77	29.95 2.49 -0.96	34.12 2.90 0.00	37.78 2.33 -5.66	36.04 1.95 -4.56	36.92 1.79 -8.40	35.62 1.67 -7.93	35.36 1.46 -10.79	34.51 1.77 -10.30	36.40 1.75 -14.93	38.30 1.71 -18.54	44.37 2.36 -18.16	43.37 2.19 -17.16	45.03 2.87 -11.58	46.60 2.70 -13.95	36.78 2.62 -1.78	33.82 2.26 -3.61	30.30 1.60 -6.51
EAST RIVER___6 23660	30.90 1.94 0.00	28.30 1.65 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.20 1.33 -5.76	29.24 1.78 -0.96	33.37 2.15 0.00	37.54 2.08 -5.66	36.12 2.04 -4.55	37.04 1.93 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.79 1.79 -18.15	42.92 1.75 -17.15	44.32 2.17 -11.57	45.96 2.07 -13.94	36.51 2.36 -1.77	33.51 1.96 -3.61	30.16 1.46 -6.51
EAST RIVER___7 23524	30.90 1.94 0.00	28.30 1.65 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.20 1.33 -5.76	29.24 1.78 -0.96	33.37 2.15 0.00	37.54 2.08 -5.66	36.12 2.04 -4.55	37.04 1.93 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.79 1.79 -18.15	42.92 1.75 -17.15	44.32 2.17 -11.57	45.96 2.07 -13.94	36.51 2.36 -1.77	33.51 1.96 -3.61	30.16 1.46 -6.51
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.73 1.77 0.00	28.15 1.50 -1.20	26.47 1.37 -1.00	25.38 1.29 -2.27	26.27 1.32 -2.52	26.22 1.29 -2.25	28.06 1.20 -5.75	29.10 1.64 -0.96	33.22 2.00 0.00	37.32 1.88 -5.65	35.93 1.86 -4.54	36.81 1.71 -8.37	35.59 1.67 -7.91	35.34 1.48 -10.76	34.18 1.48 -10.26	35.86 1.32 -14.83	37.12 1.23 -17.86	43.58 1.62 -18.11	42.72 1.59 -17.11	44.10 1.99 -11.53	45.77 1.92 -13.89	36.28 2.14 -1.76	33.33 1.79 -3.60	30.03 1.35 -6.49
EAST_HAMPTON___DIESEL 23722	31.36 2.40 0.00	28.48 1.83 -1.21	26.69 1.59 -1.00	25.62 1.53 -2.28	26.34 1.39 -2.53	26.48 1.54 -2.25	28.33 1.46 -5.77	29.90 2.44 -0.96	34.06 2.84 0.00	37.72 2.26 -5.66	35.98 1.89 -4.56	36.87 1.74 -8.40	35.54 1.59 -7.93	35.31 1.41 -10.79	34.44 1.70 -10.30	36.34 1.70 -14.93	38.26 1.68 -18.54	44.33 2.31 -18.16	43.32 2.14 -17.16	44.94 2.78 -11.58	46.51 2.61 -13.95	36.68 2.53 -1.78	33.73 2.18 -3.61	30.25 1.55 -6.51
EAST_POINT___SOLAR 323840	30.87 1.91 0.00	28.77 1.65 -1.68	27.04 1.54 -1.40	26.36 1.35 -3.19	27.35 1.39 -3.54	27.29 1.45 -3.15	30.57 1.39 -8.07	29.60 1.75 -1.34	33.25 2.03 0.00	39.68 1.97 -7.93	37.79 1.89 -6.38	40.05 1.58 -11.74	38.54 1.43 -11.09	39.40 1.20 -15.09	37.89 1.05 -14.40	41.42 0.91 -20.81	43.94 0.85 -25.05	50.36 1.10 -25.41	49.40 1.37 -24.01	48.85 2.11 -16.16	51.82 2.40 -19.47	37.18 2.33 -2.47	35.03 2.04 -5.05	32.86 1.58 -9.09
EAST_PULASKI___ESR 323781	28.32 -0.64 0.00	25.00 -0.54 -0.09	23.67 -0.51 -0.08	21.53 -0.46 -0.17	22.14 -0.47 -0.19	22.36 -0.50 -0.17	21.14 -0.40 -0.43	25.99 -0.58 -0.07	30.50 -0.72 0.00	29.47 -0.74 -0.42	29.16 -0.71 -0.34	26.69 -0.67 -0.63	25.93 -0.68 -0.59	23.34 -0.58 -0.81	22.67 -0.54 -0.77	20.37 -0.45 -1.11	19.00 -0.38 -1.34	24.71 -0.50 -1.36	24.85 -0.46 -1.29	30.89 -0.55 -0.87	30.55 -0.45 -1.04	31.99 -0.52 -0.13	27.73 -0.48 -0.27	22.25 -0.42 -0.49
EAST_RIVER___1 323558	30.90 1.94 0.00	28.30 1.65 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.40 2.18 0.00	37.54 2.08 -5.66	36.12 2.04 -4.55	37.02 1.90 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.79 1.79 -18.15	42.90 1.73 -17.15	44.32 2.17 -11.57	45.93 2.04 -13.94	36.48 2.33 -1.77	33.51 1.96 -3.61	30.16 1.46 -6.51
EAST_RIVER___2 323559	30.90 1.94 0.00	28.30 1.65 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.20 1.33 -5.76	29.24 1.78 -0.96	33.37 2.15 0.00	37.54 2.08 -5.66	36.12 2.04 -4.55	37.04 1.93 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.79 1.79 -18.15	42.92 1.75 -17.15	44.32 2.17 -11.57	45.96 2.07 -13.94	36.51 2.36 -1.77	33.51 1.96 -3.61	30.16 1.46 -6.51
EAST___DELAWARE_HYD 23607	30.32 1.36 0.00	27.68 1.15 -1.09	26.10 1.09 -0.92	24.88 0.98 -2.08	25.78 1.05 -2.31	25.74 1.00 -2.05	27.32 0.95 -5.26	28.60 1.22 -0.88	32.72 1.50 0.00	36.33 1.37 -5.17	34.98 1.30 -4.16	35.59 1.20 -7.66	34.39 1.14 -7.23	33.99 1.04 -9.84	32.86 1.03 -9.39	34.19 0.91 -13.57	35.22 0.85 -16.34	41.59 1.17 -16.57	40.93 1.25 -15.66	42.57 1.44 -10.56	44.12 1.44 -12.72	35.52 1.52 -1.61	32.58 1.34 -3.30	29.19 1.06 -5.94
EIGHT_POINT___WT_PWR 323820	27.49 -1.48 0.00	24.17 -1.53 -0.25	22.93 -1.37 -0.21	21.20 -1.09 -0.47	21.78 -1.17 -0.52	21.88 -1.27 -0.47	21.18 -1.12 -1.19	25.03 -1.67 -0.20	29.09 -2.12 0.00	28.34 -2.62 -1.17	27.58 -2.89 -0.94	25.74 -2.73 -1.74	24.98 -2.68 -1.64	22.84 -2.50 -2.23	22.07 -2.49 -2.13	20.58 -2.21 -3.08	19.78 -1.97 -3.70	25.08 -2.53 -3.76	25.14 -2.43 -3.55	30.19 -2.78 -2.39	30.29 -2.55 -2.88	29.99 -2.75 -0.37	26.37 -2.32 -0.75	22.42 -1.11 -1.35
ELBRIDGE_115KV_TB2 80188	28.56 -0.41 0.00	25.22 -0.36 -0.13	23.87 -0.34 -0.11	21.78 -0.28 -0.25	22.38 -0.31 -0.27	22.59 -0.34 -0.24	21.46 -0.27 -0.63	26.19 -0.42 -0.10	30.69 -0.53 0.00	29.87 -0.54 -0.62	29.49 -0.53 -0.50	27.19 -0.45 -0.91	26.44 -0.44 -0.86	23.91 -0.37 -1.17	23.20 -0.36 -1.12	21.03 -0.30 -1.62	19.73 -0.25 -1.95	25.49 -0.33 -1.97	25.57 -0.31 -1.87	31.44 -0.40 -1.26	31.17 -0.30 -1.51	32.25 -0.32 -0.19	28.02 -0.31 -0.39	22.65 -0.24 -0.71
ELEC_TRO_TEK 24086	31.13 2.17 0.00	28.38 1.73 -1.21	26.64 1.54 -1.00	25.54 1.44 -2.28	26.36 1.41 -2.53	26.41 1.47 -2.25	28.25 1.37 -5.77	29.58 2.12 -0.96	33.72 2.50 0.00	37.75 2.29 -5.66	36.22 2.13 -4.57	37.09 1.95 -8.40	35.83 1.87 -7.94	35.59 1.69 -10.80	34.45 1.71 -10.30	36.19 1.50 -14.98	38.45 1.37 -19.04	43.90 1.88 -18.17	43.06 1.87 -17.17	44.48 2.32 -11.58	46.18 2.28 -13.94	36.66 2.49 -1.78	33.87 2.32 -3.61	30.24 1.55 -6.51

ELLENBURG_WT_PWR 323604	28.56 -0.41 0.00	25.11 -0.33 0.00	23.86 -0.24 0.00	21.53 -0.28 0.00	22.16 -0.27 0.00	22.39 -0.30 0.00	20.75 -0.36 0.00	26.13 -0.37 0.00	31.00 -0.22 0.00	29.82 0.03 0.00	29.62 0.09 0.00	26.71 -0.03 0.00	25.94 -0.08 0.00	22.90 -0.21 0.00	22.12 -0.31 0.00	19.39 -0.32 0.00	17.64 -0.40 0.00	23.35 -0.50 0.00	23.47 -0.55 0.00	29.81 -0.76 0.00	28.97 -0.99 0.00	31.22 -1.16 0.00	26.85 -1.09 0.00	21.41 -0.78 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.82 -2.14 0.00	23.48 -2.16 -0.19	22.16 -2.10 -0.16	20.44 -1.75 -0.37	21.00 -1.84 -0.41	21.03 -2.02 -0.37	20.21 -1.84 -0.94	24.25 -2.41 -0.16	28.03 -3.18 0.00	27.23 -3.49 -0.92	26.70 -3.57 -0.74	24.97 -3.13 -1.36	24.47 -2.84 -1.29	22.37 -2.50 -1.75	21.73 -2.38 -1.67	20.04 -2.09 -2.42	19.11 -1.84 -2.91	24.27 -2.53 -2.95	24.26 -2.55 -2.79	29.58 -2.87 -1.88	29.56 -2.67 -2.26	29.66 -3.01 -0.29	26.29 -2.24 -0.59	21.56 -1.69 -1.06
EMPIRE_CC_1 323656	30.27 1.30 0.00	27.93 1.07 -1.41	26.29 1.01 -1.18	25.44 0.94 -2.69	26.35 0.94 -2.98	26.29 0.95 -2.65	28.81 0.91 -6.80	28.83 1.19 -1.13	32.65 1.44 0.00	37.81 1.34 -6.68	36.23 1.33 -5.37	37.83 1.20 -9.89	36.56 1.20 -9.35	36.89 1.06 -12.71	35.60 1.03 -12.13	38.15 0.91 -17.53	39.97 0.83 -21.11	46.36 1.10 -21.41	45.36 1.11 -20.23	45.65 1.44 -13.64	47.79 1.41 -16.43	35.99 1.52 -2.08	33.54 1.34 -4.26	30.88 1.02 -7.67
EMPIRE_CC_2 323658	30.27 1.30 0.00	27.93 1.07 -1.41	26.29 1.01 -1.18	25.44 0.94 -2.69	26.35 0.94 -2.98	26.29 0.95 -2.65	28.81 0.91 -6.80	28.83 1.19 -1.13	32.65 1.44 0.00	37.81 1.34 -6.68	36.23 1.33 -5.37	37.83 1.20 -9.89	36.56 1.20 -9.35	36.89 1.06 -12.71	35.60 1.03 -12.13	38.15 0.91 -17.53	39.97 0.83 -21.11	46.36 1.10 -21.41	45.36 1.11 -20.23	45.65 1.44 -13.64	47.79 1.41 -16.43	35.99 1.52 -2.08	33.54 1.34 -4.26	30.88 1.02 -7.67
ENORWICH_115KV_TB1 80156	29.98 1.01 0.00	26.65 0.84 -0.37	25.13 0.72 -0.31	23.22 0.70 -0.70	23.96 0.76 -0.78	24.17 0.79 -0.69	23.71 0.82 -1.77	27.97 1.17 -0.30	32.78 1.56 0.00	32.94 1.40 -1.74	32.17 1.24 -1.40	30.33 1.02 -2.58	29.31 0.86 -2.44	27.19 0.76 -3.32	26.41 0.81 -3.17	25.00 0.71 -4.58	24.20 0.65 -5.51	30.34 0.91 -5.59	30.36 1.06 -5.28	35.42 1.28 -3.56	35.50 1.26 -4.29	34.32 1.39 -0.54	30.20 1.15 -1.11	24.97 0.78 -2.00
ERIE_ST__34_KV_TB1-2 80199	26.99 -1.97 0.00	23.38 -2.26 -0.20	22.07 -2.19 -0.17	20.37 -1.83 -0.39	20.92 -1.93 -0.43	20.93 -2.13 -0.38	20.14 -1.94 -0.97	24.12 -2.54 -0.16	28.31 -2.90 0.00	27.14 -3.60 -0.96	26.64 -3.66 -0.77	24.92 -3.23 -1.42	24.39 -2.97 -1.34	22.32 -2.61 -1.82	21.66 -2.51 -1.74	20.01 -2.21 -2.51	19.11 -1.95 -3.02	24.25 -2.67 -3.07	24.25 -2.67 -2.90	29.50 -3.03 -1.95	29.47 -2.85 -2.35	29.54 -3.14 -0.30	26.15 -0.61 -0.61	21.49 -1.80 -1.10
ERIE_WT_PWR 323693	26.91 -2.06 0.00	23.53 -2.11 -0.20	22.22 -2.05 -0.17	20.50 -1.70 -0.38	21.05 -1.79 -0.42	21.06 -2.00 -0.37	20.25 -1.82 -0.96	24.28 -2.39 -0.16	28.16 -3.06 0.00	27.25 -3.49 -0.94	26.74 -3.54 -0.76	25.00 -3.13 -1.40	24.50 -2.84 -1.32	22.38 -2.52 -1.79	21.75 -2.40 -1.71	20.07 -2.11 -2.47	19.16 -1.86 -2.98	24.32 -2.55 -3.02	24.33 -2.55 -2.85	29.63 -2.88 -1.92	29.61 -2.67 -2.32	29.70 -2.98 -0.29	26.30 -2.24 -0.60	21.60 -1.66 -1.08
ESPRGFLD_115KV_TB1 80157	30.18 1.22 0.00	26.42 1.02 0.05	25.00 0.94 0.04	22.56 0.83 0.09	23.20 0.87 0.10	23.49 0.88 0.09	21.76 0.87 0.22	27.64 1.17 0.04	32.65 1.44 0.00	30.92 1.34 0.21	30.65 1.30 0.17	27.54 1.12 0.32	26.71 0.99 0.30	23.58 0.88 0.41	22.90 0.85 0.39	19.84 0.69 0.56	18.01 0.65 0.68	24.05 0.88 0.69	24.38 1.01 0.65	31.49 1.35 0.44	30.93 1.50 0.53	33.83 1.52 0.07	29.09 1.29 0.14	22.92 0.98 0.25
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.16 0.20 0.00	25.84 0.13 -0.27	24.44 0.12 -0.22	22.48 0.15 -0.51	23.10 0.11 -0.56	23.30 0.11 -0.50	22.56 0.17 -1.28	26.88 0.16 -0.21	31.44 0.22 0.00	31.11 0.06 -1.26	30.60 0.06 -1.01	28.63 0.03 -1.87	27.78 0.00 -1.77	25.53 0.02 -2.40	24.75 0.02 -2.29	23.08 0.06 -3.31	22.12 0.09 -3.99	28.04 0.14 -4.04	28.06 0.22 -3.82	33.46 0.31 -2.57	33.42 0.36 -3.10	33.16 0.39 -0.39	29.02 0.28 -0.80	23.83 0.20 -1.45
ETNA____115KV_TB2 80207	29.16 0.20 0.00	25.84 0.13 -0.27	24.44 0.12 -0.22	22.48 0.15 -0.51	23.10 0.11 -0.56	23.30 0.11 -0.50	22.56 0.17 -1.28	26.88 0.16 -0.21	31.44 0.22 0.00	31.11 0.06 -1.26	30.60 0.06 -1.01	28.63 0.03 -1.87	27.78 0.00 -1.77	25.53 0.02 -2.40	24.75 0.02 -2.29	23.08 0.06 -3.31	22.12 0.09 -3.99	28.04 0.14 -4.04	28.06 0.22 -3.82	33.46 0.31 -2.57	33.42 0.36 -3.10	33.16 0.39 -0.39	29.02 0.28 -0.80	23.83 0.20 -1.45
EUCLID__115KV_TB2 356179	28.41 -0.55 0.00	25.06 -0.48 -0.10	23.73 -0.46 -0.09	21.62 -0.39 -0.20	22.21 -0.43 -0.22	22.45 -0.43 -0.19	21.22 -0.38 -0.50	26.06 -0.53 -0.08	30.53 -0.69 0.00	29.59 -0.69 -0.49	29.27 -0.65 -0.39	26.87 -0.59 -0.72	26.15 -0.55 -0.68	23.57 -0.46 -0.93	22.87 -0.45 -0.88	20.61 -0.37 -1.28	19.25 -0.32 -1.54	24.98 -0.43 -1.56	25.06 -0.43 -1.47	31.05 -0.52 -0.99	30.70 -0.45 -1.20	32.01 -0.52 -0.15	27.80 -0.45 -0.31	22.39 -0.35 -0.56
E_CANADA_CAP_HY 24051	30.55 1.59 0.00	28.57 1.37 -1.76	26.82 1.25 -1.47	26.27 1.11 -3.34	27.27 1.14 -3.70	27.19 1.20 -3.30	30.72 1.16 -8.45	29.42 1.51 -1.40	33.00 1.78 0.00	39.79 1.70 -8.30	37.85 1.65 -6.67	40.41 1.39 -12.29	38.88 1.25 -11.61	40.02 1.11 -15.80	38.50 0.99 -15.08	42.28 0.79 -21.78	44.99 0.72 -26.23	51.45 1.00 -26.60	50.36 1.20 -25.14	49.21 1.71 -16.92	52.35 2.01 -20.39	36.91 1.94 -2.59	34.93 1.70 -5.28	33.02 1.31 -9.52
E_CANADA_MHWK_HY 24050	29.42 0.46 0.00	25.85 0.41 0.00	24.46 0.36 0.00	22.15 0.33 0.00	22.78 0.36 0.00	23.05 0.36 0.00	21.44 0.34 0.00	27.03 0.53 0.00	31.90 0.69 0.00	30.48 0.69 0.00	30.18 0.65 0.00	27.24 0.51 0.00	26.41 0.39 0.00	23.39 0.28 0.00	22.61 0.18 0.00	19.73 0.02 0.00	17.98 -0.05 0.00	23.71 -0.14 0.00	23.85 -0.17 0.00	30.30 -0.28 0.00	29.69 -0.27 0.00	32.12 -0.26 0.00	27.80 -0.14 0.00	22.03 -0.15 0.00
E_FISHKILL__LBMP 23776	30.50 1.53 0.00	27.99 1.32 -1.23	26.35 1.23 -1.02	25.28 1.13 -2.33	26.17 1.17 -2.58	26.14 1.16 -2.30	28.07 1.08 -5.88	28.94 1.46 -0.98	32.97 1.75 0.00	37.21 1.64 -5.78	35.80 1.62 -4.65	36.79 1.50 -8.56	35.56 1.46 -8.09	35.43 1.32 -11.00	34.24 1.30 -10.50	36.04 1.16 -15.17	37.37 1.06 -18.26	43.81 1.43 -18.53	42.94 1.42 -17.51	44.12 1.74 -11.80	45.85 1.68 -14.21	36.06 1.88 -1.80	33.22 1.59 -3.68	30.05 1.22 -6.64
FALCON__SEABRD_CC1 323796	28.79 -0.17 0.00	25.32 -0.13 0.00	24.07 -0.02 0.00	21.73 -0.09 0.00	22.36 -0.07 0.00	22.62 -0.07 0.00	20.94 -0.17 0.00	26.37 -0.13 0.00	31.31 0.09 0.00	30.12 0.33 0.00	29.91 0.38 0.00	26.97 0.24 0.00	26.20 0.18 0.00	23.13 0.02 0.00	22.32 -0.11 0.00	19.55 -0.16 0.00	17.79 -0.25 0.00	23.54 -0.31 0.00	23.68 -0.34 0.00	30.09 -0.49 0.00	29.21 -0.75 0.00	31.47 -0.91 0.00	27.07 -0.87 0.00	21.59 -0.60 0.00

FALCON___SEABRD_CC2 323797	28.79 -0.17 0.00	25.32 -0.13 0.00	24.07 -0.02 0.00	21.73 -0.09 0.00	22.36 -0.07 0.00	22.62 -0.07 0.00	20.94 -0.17 0.00	26.37 -0.13 0.00	31.31 0.09 0.00	30.12 0.33 0.00	29.91 0.38 0.00	26.97 0.24 0.00	26.20 0.18 0.00	23.13 0.02 0.00	22.32 -0.11 0.00	19.55 -0.16 0.00	17.79 -0.25 0.00	23.54 -0.31 0.00	23.68 -0.34 0.00	30.09 -0.49 0.00	29.21 -0.75 0.00	31.47 -0.91 0.00	27.07 -0.87 0.00	21.59 -0.60 0.00
FAR ROCKAWAY___4 23548	31.48 2.52 0.00	28.66 2.01 -0.12	26.91 1.81 -1.00	25.76 1.66 -2.28	26.59 1.64 -2.53	26.66 1.72 -2.25	28.46 1.58 -5.77	29.88 2.41 -0.96	34.09 2.87 0.00	38.14 2.68 -5.66	36.61 2.51 -4.57	37.43 2.30 -8.40	36.17 2.21 -7.94	35.89 1.99 -10.80	34.71 1.97 -10.30	36.44 1.75 -14.97	38.59 1.61 -18.94	44.24 2.22 -18.17	43.40 2.21 -17.17	44.90 2.75 -11.57	46.59 2.70 -13.94	37.11 2.95 -1.78	34.26 2.71 -3.61	30.51 1.82 -6.51
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.87 1.91 0.00	28.30 1.65 -0.12	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.40 2.19 0.00	37.51 2.06 -5.66	36.12 2.04 -4.55	37.02 1.90 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.76 1.76 -18.15	42.90 1.73 -17.15	44.27 2.14 -11.56	45.92 2.04 -13.92	36.48 2.33 -1.77	33.48 1.93 -3.61	30.15 1.46 -6.50
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.90 1.94 0.00	28.30 1.65 -0.12	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.40 2.19 0.00	37.54 2.09 -5.66	36.12 2.04 -4.55	37.02 1.90 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.79 1.79 -18.15	42.90 1.73 -17.15	44.27 2.14 -11.56	45.92 2.04 -13.92	36.51 2.36 -1.77	33.50 1.96 -3.61	30.15 1.46 -6.50
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.87 1.91 0.00	28.28 1.63 -0.12	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.37 2.15 0.00	37.51 2.06 -5.66	36.09 2.01 -4.55	37.02 1.90 -8.39	35.73 1.80 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.76 1.76 -18.15	42.90 1.73 -17.15	44.27 2.14 -11.56	45.92 2.04 -13.92	36.48 2.33 -1.77	33.48 1.93 -3.61	30.13 1.44 -6.50
FARRAGUT___LBMP 323566	30.84 1.88 0.00	28.28 1.63 -0.12	26.59 1.49 -1.00	25.47 1.37 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.37 2.15 0.00	37.48 2.03 -5.66	36.09 2.01 -4.55	36.99 1.87 -8.39	35.73 1.80 -7.92	35.48 1.59 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.74 1.74 -18.15	42.88 1.71 -17.15	44.24 2.11 -11.56	45.89 2.01 -13.92	36.45 2.30 -1.77	33.45 1.90 -3.61	30.13 1.44 -6.50
FENNER___WINDPWR 24204	29.22 0.26 0.00	25.82 0.23 -0.15	24.41 0.19 -0.12	22.27 0.17 -0.28	22.91 0.18 -0.31	23.14 0.18 -0.27	22.02 0.21 -0.70	26.89 0.27 -0.12	31.56 0.34 0.00	30.75 0.27 -0.69	30.35 0.27 -0.55	27.97 0.21 -1.02	27.16 0.18 -0.96	24.58 0.16 -1.31	23.89 0.20 -1.25	21.70 0.18 -1.81	20.40 0.18 -2.18	26.32 0.26 -2.21	26.40 0.29 -2.09	32.35 0.37 -1.41	32.04 0.39 -1.70	33.01 0.42 -0.22	28.72 0.34 -0.44	23.20 0.22 -0.79
FIBERTEK___ENERGY 23856	28.67 -0.29 0.00	25.31 -0.25 -0.12	23.98 -0.22 -0.10	21.86 -0.20 -0.23	22.46 -0.22 -0.26	22.69 -0.23 -0.23	21.53 -0.17 -0.59	26.31 -0.29 -0.10	30.84 -0.37 0.00	29.99 -0.39 -0.58	29.64 -0.35 -0.47	27.30 -0.29 -0.86	26.54 -0.29 -0.81	23.99 -0.23 -1.11	23.27 -0.22 -1.06	21.06 -0.18 -1.53	19.71 -0.16 -1.84	25.50 -0.21 -1.86	25.59 -0.19 -1.76	31.52 -0.24 -1.19	31.24 -0.15 -1.43	32.40 -0.16 -0.18	28.11 -0.20 -0.37	22.70 -0.16 -0.67
FITZPATRICK____ 23598	28.03 -0.93 0.00	24.75 -0.76 -0.07	23.44 -0.72 -0.06	21.30 -0.65 -0.14	21.91 -0.67 -0.15	22.12 -0.70 -0.14	20.83 -0.63 -0.35	25.69 -0.87 -0.06	30.16 -1.06 0.00	29.09 -1.04 -0.34	28.77 -1.03 -0.28	26.33 -0.91 -0.51	25.61 -0.88 -0.48	23.00 -0.76 -0.65	22.32 -0.74 -0.63	19.98 -0.63 -0.90	18.55 -0.58 -1.09	24.19 -0.76 -1.10	24.29 -0.77 -1.04	30.33 -0.95 -0.70	29.91 -0.90 -0.85	31.52 -0.97 -0.11	27.32 -0.84 -0.22	21.92 -0.67 -0.40
FLOWRFLD_69_KV_BK1 356044	31.68 2.72 0.00	28.79 2.14 -0.12	26.98 1.88 -1.00	25.86 1.77 -2.28	26.66 1.70 -2.53	26.75 1.81 -2.25	28.58 1.71 -5.77	30.14 2.68 -0.96	34.28 3.06 0.00	38.14 2.68 -5.66	36.66 2.57 -4.56	37.43 2.30 -8.40	36.16 2.21 -7.93	35.89 1.99 -10.79	34.89 2.15 -10.30	36.63 1.99 -14.93	38.46 1.88 -18.55	44.64 2.62 -18.16	43.71 2.52 -17.16	45.36 3.21 -11.57	46.95 3.06 -13.93	37.39 3.24 -1.78	34.46 2.91 -3.61	30.58 1.89 -6.51
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.70 1.74 0.00	28.12 1.48 -0.12	26.50 1.40 -1.01	25.39 1.29 -2.29	26.28 1.32 -2.53	26.24 1.29 -2.26	28.12 1.22 -5.78	29.06 1.59 -0.96	33.15 1.94 0.00	37.26 1.79 -5.68	35.84 1.74 -4.57	36.75 1.60 -8.41	35.53 1.56 -7.95	35.31 1.39 -10.81	34.12 1.37 -10.32	35.82 1.20 -14.91	37.13 1.14 -17.95	43.56 1.50 -18.21	42.76 1.54 -17.21	44.04 1.87 -11.59	45.78 1.86 -13.97	36.13 1.98 -1.77	33.29 1.73 -3.62	30.06 1.35 -6.52
FORT ORANGE____ 23900	29.92 0.95 0.00	27.64 0.74 -0.14	26.01 0.70 -0.12	25.22 0.63 -0.27	26.14 0.65 -0.37	26.08 0.66 -0.73	28.72 0.61 -7.00	28.49 0.82 -1.16	32.28 1.06 0.00	37.53 0.86 -6.88	35.91 0.86 -5.53	37.66 0.75 -10.18	36.42 0.78 -9.62	36.89 0.69 -13.09	35.58 0.65 -12.49	38.33 0.57 -18.05	40.29 0.52 -21.73	46.56 0.67 -22.04	45.57 0.72 -20.83	45.48 0.89 -14.02	47.75 0.90 -16.89	35.43 0.91 -2.14	33.21 0.89 -4.38	30.74 0.66 -7.89
FORT_DRUM_COGEN 23780	28.27 -0.70 0.00	24.95 -0.56 -0.06	23.55 -0.60 -0.05	21.37 -0.57 -0.12	22.02 -0.54 -0.13	22.26 -0.54 -0.12	20.99 -0.42 -0.31	26.05 -0.50 -0.05	30.69 -0.53 0.00	29.38 -0.72 -0.30	29.00 -0.77 -0.24	26.38 -0.80 -0.45	25.58 -0.86 -0.42	22.90 -0.79 -0.57	22.31 -0.67 -0.55	19.93 -0.57 -0.79	18.52 -0.47 -0.95	24.31 -0.50 -0.96	24.59 -0.34 -0.91	30.76 -0.43 -0.61	30.28 -0.42 -0.74	32.05 -0.42 -0.09	27.66 -0.47 -0.19	22.02 -0.51 -0.35
FOX_HILLS___ESR 323835	31.20 2.23 -0.01	28.57 1.91 -0.12	26.89 1.78 -1.01	25.73 1.64 -2.28	26.66 1.70 -2.53	26.59 1.66 -2.25	28.44 1.56 -5.77	29.54 2.07 -0.97	33.69 2.47 -0.01	37.79 2.32 -5.67	36.36 2.27 -4.56	37.24 2.11 -8.39	35.98 2.03 -7.93	35.72 1.83 -10.79	34.55 1.82 -10.29	36.20 1.62 -14.87	37.42 1.48 -17.90	43.99 1.98 -18.16	43.10 1.92 -17.16	44.49 2.35 -11.56	46.10 2.22 -13.92	36.81 2.66 -1.77	33.76 2.21 -3.62	30.38 1.69 -6.51
FPL FAR_ROCK_GT1 24212	31.48 2.52 0.00	28.66 2.01 -0.12	26.91 1.81 -1.00	25.75 1.66 -2.28	26.59 1.64 -2.53	26.64 1.70 -2.25	28.46 1.58 -5.77	29.88 2.41 -0.96	34.15 2.93 0.00	38.14 2.68 -5.66	36.61 2.51 -4.57	37.43 2.30 -8.40	36.17 2.21 -7.94	35.89 1.99 -10.80	34.71 1.97 -10.30	36.44 1.75 -14.97	38.59 1.60 -18.94	44.17 2.15 -18.17	43.33 2.14 -17.17	44.92 2.75 -11.59	46.61 2.70 -13.95	37.11 2.95 -1.78	34.26 2.71 -3.61	30.54 1.84 -6.51

FPL FAR_ROCK_GT2 23815	31.48 2.52 0.00	28.66 2.01 -1.21	26.91 1.81 -1.00	25.75 1.66 -2.28	26.59 1.64 -2.53	26.64 1.70 -2.25	28.46 1.58 -5.77	29.88 2.41 -0.96	34.15 2.93 0.00	38.14 2.68 -5.66	36.61 2.51 -4.57	37.43 2.30 -8.40	36.17 2.21 -7.94	35.89 1.99 -10.80	34.71 1.97 -10.30	36.44 1.75 -14.97	38.59 1.60 -18.94	44.17 2.15 -18.17	43.33 2.14 -17.17	44.92 2.75 -11.59	46.61 2.70 -13.95	37.11 2.95 -1.78	34.26 2.71 -3.61	30.54 1.84 -6.51
FRANKLIN_FALL_HYD 24054	28.61 -0.35 0.00	25.19 -0.25 0.00	23.90 -0.19 0.00	21.60 -0.22 0.00	22.24 -0.18 0.00	22.53 -0.16 0.00	20.85 -0.25 0.00	26.24 -0.27 0.00	31.16 -0.06 0.00	29.94 0.15 0.00	29.70 0.18 0.00	26.76 0.03 0.00	26.02 0.00 0.00	22.95 -0.16 0.00	22.17 -0.27 0.00	19.43 -0.28 0.00	17.70 -0.34 0.00	23.44 -0.41 0.00	23.59 -0.43 0.00	30.00 -0.58 0.00	29.09 -0.87 0.00	31.38 -1.00 0.00	26.96 -0.98 0.00	21.50 -0.69 0.00
FREEPORT_EQUS_GT1 23764	31.34 2.38 0.00	28.53 1.88 -1.21	26.76 1.66 -1.00	25.65 1.55 -2.28	26.45 1.50 -2.53	26.52 1.59 -2.25	28.35 1.48 -5.77	29.74 2.28 -0.96	33.97 2.75 0.00	37.93 2.47 -5.66	36.40 2.30 -4.57	37.22 2.09 -8.40	35.98 2.03 -7.94	35.73 1.83 -10.79	34.58 1.84 -10.30	36.30 1.64 -14.96	38.32 1.52 -18.77	44.02 2.00 -18.17	43.18 1.99 -17.17	44.73 2.57 -11.58	46.39 2.49 -13.95	36.88 2.72 -1.78	34.07 2.52 -3.61	30.38 1.69 -6.51
FREEPORT___CT2 23818	31.34 2.38 0.00	28.53 1.88 -1.21	26.76 1.66 -1.00	25.65 1.55 -2.28	26.45 1.50 -2.53	26.52 1.59 -2.25	28.35 1.48 -5.77	29.74 2.28 -0.96	33.97 2.75 0.00	37.93 2.47 -5.66	36.40 2.30 -4.57	37.22 2.09 -8.40	35.98 2.03 -7.94	35.73 1.83 -10.79	34.58 1.84 -10.30	36.30 1.64 -14.96	38.32 1.52 -18.77	44.02 2.00 -18.17	43.18 1.99 -17.17	44.73 2.57 -11.58	46.39 2.49 -13.95	36.88 2.72 -1.78	34.07 2.52 -3.61	30.38 1.69 -6.51
FRESHKLS_33_KV_LOAD 356253	31.17 2.20 -0.01	28.57 1.91 -1.21	26.89 1.78 -1.01	25.73 1.64 -2.28	26.66 1.70 -2.53	26.59 1.66 -2.25	28.42 1.54 -5.77	29.51 2.04 -0.97	33.63 2.40 -0.01	37.73 2.26 -5.67	36.30 2.21 -4.56	37.19 2.06 -8.39	35.92 1.98 -7.93	35.68 1.78 -10.79	34.53 1.79 -10.29	36.18 1.60 -14.87	37.40 1.46 -17.90	43.92 1.91 -18.16	43.05 1.87 -17.16	44.39 2.26 -11.55	46.00 2.13 -13.92	36.78 2.62 -1.77	33.74 2.18 -3.62	30.36 1.66 -6.51
FULTON COGEN____ 23766	28.41 -0.55 0.00	25.08 -0.46 -0.10	23.74 -0.43 -0.08	21.61 -0.39 -0.18	22.20 -0.43 -0.20	22.44 -0.43 -0.18	21.21 -0.36 -0.47	26.03 -0.56 -0.08	30.56 -0.66 0.00	29.59 -0.66 -0.46	29.27 -0.62 -0.37	26.85 -0.56 -0.68	26.11 -0.55 -0.64	23.52 -0.46 -0.87	22.84 -0.43 -0.83	20.53 -0.37 -1.20	19.16 -0.32 -1.44	24.88 -0.43 -1.46	24.97 -0.52 -1.38	30.99 -0.45 -0.93	30.63 -0.45 -1.12	32.04 -0.49 -0.14	27.78 -0.45 -0.29	22.36 -0.35 -0.52
FULTON___LFGE 323630	30.70 1.74 0.00	28.61 1.50 -1.66	26.88 1.40 -1.39	26.20 1.22 -3.16	27.20 1.28 -3.50	27.12 1.32 -3.12	30.38 1.29 -7.99	29.48 1.64 -1.33	33.19 1.97 0.00	39.54 1.91 -7.84	37.70 1.86 -6.31	39.93 1.58 -11.62	38.47 1.48 -10.98	39.34 1.29 -14.93	37.85 1.17 -14.25	41.26 0.97 -20.59	43.73 0.90 -24.79	50.19 1.19 -25.15	49.15 1.37 -23.76	48.50 1.93 -15.99	51.38 2.16 -19.26	36.93 2.10 -2.44	34.78 1.84 -4.99	32.61 1.42 -9.00
G.F.CEMENT___DRP 24184	30.73 1.77 0.00	28.45 1.50 -1.50	26.78 1.42 -1.26	25.92 1.24 -2.86	26.87 1.28 -3.17	26.82 1.32 -2.82	29.63 1.29 -7.23	29.40 1.70 -1.20	33.31 2.09 0.00	38.95 2.06 -7.10	37.31 2.07 -5.71	39.10 1.84 -10.52	37.77 1.82 -9.94	38.27 1.64 -13.52	36.80 1.46 -12.90	39.61 1.26 -18.64	41.62 1.14 -22.44	48.09 1.48 -22.76	47.04 1.51 -21.51	47.15 2.08 -14.50	49.61 2.19 -17.46	36.77 2.17 -2.22	34.37 1.90 -4.53	31.83 1.49 -8.16
GARDENVILLE___LBMP 24039	26.88 -2.09 0.00	23.50 -2.14 -0.20	22.19 -2.07 -0.17	20.47 -1.72 -0.38	21.03 -1.82 -0.42	21.06 -2.00 -0.37	20.25 -1.82 -0.96	24.25 -2.41 -0.16	28.13 -3.09 0.00	27.25 -3.49 -0.94	26.74 -3.54 -0.75	25.00 -3.13 -1.39	24.49 -2.84 -1.31	22.38 -2.52 -1.79	21.72 -2.42 -1.71	20.04 -2.13 -2.46	19.15 -1.86 -2.97	24.28 -2.58 -3.01	24.29 -2.57 -2.84	29.59 -2.90 -1.92	29.57 -2.70 -2.31	29.66 -3.01 -0.29	26.27 -2.26 -0.60	21.58 -1.69 -1.08
GARDNVLA_35_KV_LD 355827	26.96 -2.00 0.00	23.56 -2.09 -0.20	22.24 -2.02 -0.17	20.52 -1.68 -0.38	21.07 -1.77 -0.42	21.09 -1.97 -0.38	20.28 -1.79 -0.96	24.31 -2.36 -0.16	28.19 -3.03 0.00	27.31 -3.43 -0.94	26.80 -3.48 -0.76	25.06 -3.07 -1.40	24.55 -2.78 -1.32	22.46 -2.45 -1.80	21.79 -2.36 -1.71	20.12 -2.07 -2.48	19.20 -1.82 -2.98	24.37 -2.50 -3.03	24.38 -2.50 -2.86	29.66 -2.84 -1.93	29.67 -2.61 -2.32	29.76 -2.91 -0.29	26.36 -2.18 -0.60	21.63 -1.64 -1.08
GELCKHM___115KV_LOAD 80723	28.50 -0.46 0.00	25.15 -0.41 -0.11	23.83 -0.36 -0.09	21.70 -0.33 -0.21	22.30 -0.36 -0.23	22.53 -0.36 -0.21	21.34 -0.30 -0.53	26.14 -0.45 -0.09	30.66 -0.56 0.00	29.75 -0.57 -0.52	29.39 -0.56 -0.42	27.02 -0.48 -0.77	26.28 -0.47 -0.73	23.73 -0.37 -0.99	23.02 -0.36 -0.95	20.76 -0.32 -1.37	19.41 -0.27 -1.65	25.16 -0.36 -1.67	25.24 -0.36 -1.58	31.21 -0.43 -1.06	30.88 -0.36 -1.28	32.15 -0.39 -0.16	27.91 -0.36 -0.33	22.50 -0.29 -0.60
GENERAL___MILLS 23808	26.91 -2.06 0.00	23.51 -2.14 -0.20	22.19 -2.07 -0.17	20.50 -1.70 -0.38	21.03 -1.82 -0.42	21.06 -2.00 -0.37	20.25 -1.82 -0.96	24.28 -2.39 -0.16	28.16 -3.06 0.00	27.28 -3.46 -0.94	26.74 -3.54 -0.76	25.00 -3.13 -1.40	24.50 -2.84 -1.32	22.41 -2.50 -1.79	21.75 -2.40 -1.71	20.07 -2.11 -2.47	19.18 -1.84 -2.98	24.32 -2.55 -3.02	24.33 -2.55 -2.85	29.63 -2.87 -1.92	29.61 -2.67 -2.32	29.69 -2.98 -0.29	26.31 -2.24 -0.60	21.60 -1.66 -1.08
GE_PLASTICS___DRP 24183	29.83 0.87 0.00	27.61 0.71 -1.46	25.97 0.65 -1.22	25.20 0.61 -2.77	26.12 0.63 -3.07	26.03 0.61 -2.74	28.68 0.57 -7.01	28.44 0.77 -1.16	32.19 0.97 0.00	37.54 0.86 -6.88	35.89 0.83 -5.53	37.67 0.75 -10.19	36.40 0.75 -9.63	36.88 0.67 -13.10	35.59 0.65 -12.50	38.34 0.57 -18.06	40.31 0.52 -21.75	46.58 0.67 -22.06	45.56 0.70 -20.84	45.48 0.86 -14.05	47.72 0.84 -16.92	35.43 0.91 -2.15	33.16 0.84 -4.39	30.73 0.64 -7.90
GILBOA___1 23756	29.80 0.84 0.00	27.31 0.71 -1.16	25.74 0.67 -0.97	24.63 0.61 -2.20	25.49 0.63 -2.44	25.49 0.63 -2.17	27.27 0.59 -5.57	28.23 0.79 -0.93	32.15 0.94 0.00	36.13 0.86 -5.47	34.78 0.86 -4.40	35.63 0.80 -8.10	34.45 0.78 -7.65	34.21 0.69 -10.41	33.07 0.70 -9.93	34.67 0.61 -14.35	35.88 0.56 -17.28	42.12 0.74 -17.53	41.33 0.75 -16.56	42.69 0.95 -11.17	44.34 0.93 -13.45	35.09 1.00 -1.71	32.29 0.87 -3.49	29.13 0.66 -6.28
GILBOA___2 23757	29.80 0.84 0.00	27.31 0.71 -1.16	25.74 0.67 -0.97	24.63 0.61 -2.20	25.49 0.63 -2.44	25.49 0.63 -2.17	27.27 0.59 -5.57	28.23 0.79 -0.93	32.15 0.94 0.00	36.13 0.86 -5.47	34.78 0.86 -4.40	35.63 0.80 -8.10	34.45 0.78 -7.65	34.21 0.69 -10.41	33.07 0.70 -9.93	34.67 0.61 -14.35	35.88 0.56 -17.28	42.12 0.74 -17.53	41.33 0.75 -16.56	42.69 0.95 -11.17	44.34 0.93 -13.45	35.09 1.00 -1.71	32.29 0.87 -3.49	29.13 0.66 -6.28

GILBOA___3 23758	29.80 0.84 0.00	27.31 0.71 -1.16	25.74 0.67 -0.97	24.63 0.61 -2.20	25.49 0.63 -2.44	25.49 0.63 -2.17	27.27 0.59 -5.57	28.23 0.79 -0.93	32.15 0.94 0.00	36.13 0.86 -5.47	34.78 0.86 -4.40	35.63 0.80 -8.10	34.45 0.78 -7.65	34.21 0.69 -10.41	33.07 0.70 -9.93	34.67 0.61 -14.35	35.88 0.56 -17.28	42.12 0.74 -17.53	41.33 0.75 -16.56	42.69 0.95 -11.17	44.34 0.93 -13.45	35.09 1.00 -1.71	32.29 0.87 -3.49	29.13 0.66 -6.28
GILBOA___4 23759	29.80 0.84 0.00	27.31 0.71 -1.16	25.74 0.67 -0.97	24.63 0.61 -2.20	25.49 0.63 -2.44	25.49 0.63 -2.17	27.27 0.59 -5.57	28.23 0.79 -0.93	32.15 0.94 0.00	36.13 0.86 -5.47	34.78 0.86 -4.40	35.63 0.80 -8.10	34.45 0.78 -7.65	34.21 0.69 -10.41	33.07 0.70 -9.93	34.67 0.61 -14.35	35.88 0.56 -17.28	42.12 0.74 -17.53	41.33 0.75 -16.56	42.69 0.95 -11.17	44.34 0.93 -13.45	35.09 1.00 -1.71	32.29 0.87 -3.49	29.13 0.66 -6.28
GILBOA___ 23599	29.80 0.84 0.00	27.31 0.71 -1.16	25.74 0.67 -0.97	24.63 0.61 -2.20	25.49 0.63 -2.44	25.49 0.64 -2.17	27.27 0.59 -5.57	28.23 0.80 -0.93	32.15 0.94 0.00	36.12 0.86 -5.47	34.78 0.86 -4.40	35.63 0.80 -8.10	34.45 0.78 -7.65	34.21 0.69 -10.41	33.07 0.70 -9.93	34.67 0.61 -14.35	35.88 0.56 -17.28	42.12 0.74 -17.53	41.33 0.74 -16.56	42.69 0.95 -11.16	44.33 0.93 -13.45	35.09 1.00 -1.71	32.29 0.87 -3.49	29.13 0.67 -6.28
GINNA___ 23603	26.70 -2.26 0.00	23.63 -1.96 -0.14	22.34 -1.88 -0.12	20.41 -1.68 -0.27	21.00 -1.73 -0.30	21.16 -1.79 -0.27	20.08 -1.71 -0.69	24.39 -2.23 -0.11	28.35 -2.87 0.00	27.81 -2.65 -0.67	27.41 -2.66 -0.54	25.43 -2.30 -1.00	24.77 -2.19 -0.94	22.47 -1.92 -1.28	21.80 -1.86 -1.22	19.88 -1.60 -1.77	18.74 -1.43 -2.13	24.15 -1.86 -2.16	24.11 -1.94 -2.04	29.69 -2.26 -1.37	29.49 -2.13 -1.66	30.29 -2.30 -0.21	26.41 -1.96 -0.43	21.38 -1.57 -0.77
GLEN PARK___ 23778	28.30 -0.66 0.00	24.97 -0.54 -0.07	23.57 -0.58 -0.05	21.40 -0.54 -0.12	22.05 -0.51 -0.14	22.29 -0.52 -0.12	21.02 -0.40 -0.32	26.08 -0.48 -0.05	30.72 -0.50 0.00	29.42 -0.68 -0.31	29.01 -0.77 -0.25	26.39 -0.80 -0.46	25.57 -0.88 -0.43	22.91 -0.79 -0.59	22.33 -0.67 -0.56	19.97 -0.55 -0.82	18.57 -0.45 -0.98	24.37 -0.48 -1.00	24.70 -0.26 -0.94	30.88 -0.34 -0.63	30.39 -0.33 -0.76	32.12 -0.36 -0.10	27.75 -0.39 -0.20	22.08 -0.47 -0.36
GLENDALE_27_KV_LOAD 356172	31.08 2.11 0.00	28.48 1.83 -1.21	26.79 1.69 -1.00	25.65 1.55 -2.28	26.56 1.61 -2.53	26.50 1.57 -2.25	28.37 1.50 -5.76	29.45 1.99 -0.96	33.62 2.40 0.00	37.75 2.29 -5.66	36.33 2.24 -4.55	37.23 2.11 -8.39	35.94 2.00 -7.92	35.69 1.80 -10.78	34.52 1.79 -10.29	36.17 1.60 -14.86	37.39 1.46 -17.89	43.98 1.98 -18.15	43.09 1.92 -17.15	44.52 2.39 -11.56	46.16 2.28 -13.92	36.70 2.56 -1.77	33.67 2.12 -3.61	30.31 1.62 -6.50
GLENWOOD_IC_1_G5 23712	31.10 2.14 0.00	28.41 1.76 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.43 1.48 -2.53	26.43 1.50 -2.25	28.27 1.39 -5.77	29.50 2.04 -0.96	33.65 2.43 0.00	37.75 2.29 -5.66	36.31 2.21 -4.57	37.17 2.03 -8.40	35.91 1.95 -7.94	35.66 1.76 -10.80	34.51 1.77 -10.30	36.25 1.56 -14.98	38.50 1.44 -19.02	43.88 1.86 -18.17	43.02 1.83 -17.17	44.45 2.29 -11.58	46.09 2.19 -13.94	36.69 2.53 -1.78	33.79 2.24 -3.61	30.27 1.58 -6.51
GLENWOOD_IC_2_G1 23688	30.96 2.00 0.00	28.30 1.65 -1.21	26.59 1.49 -1.00	25.47 1.38 -2.28	26.34 1.39 -2.53	26.34 1.41 -2.25	28.18 1.31 -5.77	29.35 1.88 -0.96	33.50 2.28 0.00	37.57 2.12 -5.66	36.12 2.04 -4.56	36.99 1.87 -8.39	35.74 1.79 -7.93	35.51 1.62 -10.78	34.36 1.64 -10.29	36.02 1.44 -14.87	37.32 1.33 -17.95	43.77 1.76 -18.15	42.93 1.75 -17.16	44.35 2.20 -11.57	45.99 2.10 -13.94	36.51 2.36 -1.77	33.62 2.07 -3.61	30.18 1.49 -6.51
GLENWOOD_IC_3_G1 23689	30.96 2.00 0.00	28.30 1.65 -1.21	26.59 1.49 -1.00	25.47 1.38 -2.28	26.34 1.39 -2.53	26.34 1.41 -2.25	28.18 1.31 -5.77	29.35 1.88 -0.96	33.50 2.28 0.00	37.57 2.12 -5.66	36.12 2.04 -4.56	36.99 1.87 -8.39	35.74 1.79 -7.93	35.51 1.62 -10.78	34.36 1.64 -10.29	36.02 1.44 -14.87	37.32 1.33 -17.95	43.77 1.76 -18.15	42.93 1.75 -17.16	44.35 2.20 -11.57	45.99 2.10 -13.94	36.51 2.36 -1.77	33.62 2.07 -3.61	30.18 1.49 -6.51
GLENWOOD___4 23550	31.10 2.14 0.00	28.41 1.76 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.43 1.48 -2.53	26.43 1.50 -2.25	28.27 1.39 -5.77	29.50 2.04 -0.96	33.65 2.43 0.00	37.75 2.29 -5.66	36.31 2.21 -4.57	37.17 2.03 -8.40	35.91 1.95 -7.94	35.66 1.76 -10.80	34.51 1.77 -10.30	36.25 1.56 -14.98	38.50 1.44 -19.02	43.90 1.88 -18.17	43.04 1.85 -17.17	44.48 2.32 -11.58	46.15 2.25 -13.94	36.69 2.53 -1.78	33.79 2.24 -3.61	30.27 1.58 -6.51
GLENWOOD___5 23614	31.10 2.14 0.00	28.41 1.76 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.43 1.48 -2.53	26.43 1.50 -2.25	28.27 1.39 -5.77	29.50 2.04 -0.96	33.65 2.43 0.00	37.75 2.29 -5.66	36.31 2.21 -4.57	37.17 2.03 -8.40	35.91 1.95 -7.94	35.66 1.76 -10.80	34.51 1.77 -10.30	36.25 1.56 -14.98	38.50 1.44 -19.02	43.90 1.88 -18.17	43.04 1.85 -17.17	44.48 2.32 -11.58	46.15 2.25 -13.94	36.69 2.53 -1.78	33.79 2.24 -3.61	30.27 1.58 -6.51
GLOBAL GREEN_PORT_GT1 23814	31.66 2.69 0.00	28.71 2.06 -1.21	26.91 1.81 -1.00	25.82 1.72 -2.28	26.54 1.59 -2.53	26.68 1.75 -2.25	28.54 1.67 -5.77	30.14 2.68 -0.96	34.34 3.12 0.00	37.99 2.53 -5.66	36.33 2.24 -4.56	37.19 2.06 -8.40	35.88 1.93 -7.93	35.59 1.69 -10.79	34.73 2.00 -10.30	36.57 1.93 -14.93	38.48 1.89 -18.54	44.61 2.60 -18.16	43.63 2.45 -17.16	45.37 3.21 -11.58	46.93 3.02 -13.95	37.13 2.98 -1.78	34.15 2.60 -3.61	30.47 1.78 -6.51
GLOBE___DSASP 323697	26.12 -2.84 0.00	22.96 -2.67 -0.18	21.67 -2.58 -0.15	19.99 -2.18 -0.35	20.52 -2.29 -0.39	20.56 -2.47 -0.35	19.73 -2.26 -0.88	23.74 -2.92 -0.15	27.25 -3.96 0.00	26.61 -4.05 -0.87	26.15 -4.07 -0.70	24.44 -3.58 -1.29	24.01 -3.23 -1.22	21.92 -2.84 -1.65	21.32 -2.69 -1.58	19.62 -2.37 -2.28	18.69 -2.09 -2.74	23.75 -2.89 -2.78	23.74 -2.91 -2.63	28.96 -3.39 -1.77	28.95 -3.15 -2.14	29.12 -3.53 -0.27	25.84 -2.65 -0.55	21.16 -2.02 -1.00
GOETHSLN___LBMP 323567	30.76 1.80 0.00	28.20 1.55 -1.21	26.52 1.42 -1.00	25.41 1.31 -2.28	26.32 1.37 -2.53	26.27 1.34 -2.25	28.12 1.25 -5.76	29.19 1.72 -0.96	33.28 2.06 0.00	37.42 1.97 -5.66	36.00 1.92 -4.55	36.91 1.79 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.29 1.57 -10.29	35.95 1.38 -14.86	37.19 1.26 -17.89	43.67 1.67 -18.15	42.80 1.63 -17.15	44.15 2.02 -11.56	45.77 1.89 -13.92	36.38 2.23 -1.77	33.39 1.84 -3.61	30.07 1.38 -6.50
GOLAH___69_KV_TB 1_2 80279	27.54 -1.42 0.00	24.30 -1.30 -0.15	22.99 -1.23 -0.13	21.08 -1.03 -0.28	21.69 -1.05 -0.32	21.81 -1.16 -0.28	20.73 -1.10 -0.72	25.14 -1.48 -0.12	29.09 -2.12 0.00	28.41 -2.09 -0.71	27.94 -2.16 -0.57	25.91 -1.87 -1.05	25.31 -1.69 -0.99	23.00 -1.46 -1.35	22.33 -1.39 -1.28	20.36 -1.20 -1.85	19.21 -1.06 -2.23	24.68 -1.43 -2.27	24.72 -1.44 -2.14	30.49 -1.53 -1.44	30.32 -1.38 -1.74	31.05 -1.55 -0.22	27.22 -1.17 -0.45	22.13 -0.87 -0.81

GOODYEAR_LAKE_HYD 323669	29.95 0.98 0.00	26.63 0.84 -0.35	25.16 0.77 -0.29	23.18 0.70 -0.67	23.90 0.74 -0.74	24.07 0.73 -0.66	23.49 0.70 -1.69	27.74 0.95 -0.28	32.44 1.22 0.00	32.58 1.13 -1.66	31.95 1.09 -1.33	30.18 0.99 -2.46	29.22 0.88 -2.32	27.08 0.81 -3.16	26.28 0.83 -3.02	24.76 0.69 -4.36	23.93 0.65 -5.25	30.03 0.86 -5.32	29.96 0.91 -5.03	35.10 1.13 -3.39	35.21 1.17 -4.08	34.13 1.23 -0.52	30.06 1.06 -1.06	24.89 0.80 -1.91
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.87 -0.09 0.00	25.65 -0.18 -0.38	24.25 -0.17 -0.32	22.44 -0.11 -0.73	23.10 -0.13 -0.81	23.22 -0.18 -0.72	22.82 -0.13 -1.84	26.60 -0.21 -0.31	30.97 -0.25 0.00	31.16 -0.45 -1.81	30.51 -0.47 -1.46	29.01 -0.40 -2.68	28.18 -0.36 -2.53	26.25 -0.30 -3.44	25.43 -0.29 -3.29	24.22 -0.24 -4.75	23.56 -0.20 -5.72	29.39 -0.26 -5.80	29.28 -0.22 -5.48	34.06 -0.21 -3.69	34.26 -0.15 -4.45	32.78 -0.16 -0.56	28.95 -0.14 -1.15	24.18 -0.09 -2.08
GOUDEY___7 23579	28.87 -0.09 0.00	25.65 -0.18 -0.38	24.25 -0.17 -0.32	22.44 -0.11 -0.73	23.10 -0.13 -0.81	23.22 -0.18 -0.72	22.82 -0.13 -1.84	26.60 -0.21 -0.31	30.97 -0.25 0.00	31.16 -0.45 -1.81	30.51 -0.47 -1.46	29.01 -0.40 -2.68	28.18 -0.36 -2.53	26.25 -0.30 -3.44	25.43 -0.29 -3.29	24.22 -0.24 -4.75	23.56 -0.20 -5.72	29.39 -0.26 -5.80	29.28 -0.22 -5.48	34.06 -0.21 -3.69	34.26 -0.15 -4.45	32.78 -0.16 -0.56	28.95 -0.14 -1.15	24.18 -0.09 -2.08
GOUDEY___8 23580	28.87 -0.09 0.00	25.65 -0.18 -0.38	24.25 -0.17 -0.32	22.44 -0.11 -0.73	23.10 -0.13 -0.81	23.22 -0.18 -0.72	22.82 -0.13 -1.84	26.60 -0.21 -0.31	30.97 -0.25 0.00	31.16 -0.45 -1.81	30.51 -0.47 -1.46	29.01 -0.40 -2.68	28.18 -0.36 -2.53	26.25 -0.30 -3.44	25.43 -0.29 -3.29	24.22 -0.24 -4.75	23.56 -0.20 -5.72	29.39 -0.26 -5.80	29.28 -0.22 -5.48	34.06 -0.21 -3.69	34.26 -0.15 -4.45	32.78 -0.16 -0.56	28.95 -0.14 -1.15	24.18 -0.09 -2.08
GOWANUS_GT1_1 24077	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.87 2.72 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT1_2 24078	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.87 2.72 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT1_3 24079	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.87 2.72 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT1_4 24080	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.87 2.72 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT1_5 24084	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.87 2.72 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT1_6 24111	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.87 2.72 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT1_7 24112	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.87 2.72 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT1_8 24113	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.87 2.72 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT2_1 24114	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.75 1.66 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.84 2.69 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT2_2 24115	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.75 1.66 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.84 2.69 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT2_3 24116	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.75 1.66 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.84 2.69 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52

GOWANUS_GT2_4 24117	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.75 1.66 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.84 2.69 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT2_5 24118	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.75 1.66 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.84 2.69 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT2_6 24119	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.75 1.66 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.84 2.69 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT2_7 24120	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.75 1.66 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.84 2.69 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT2_8 24121	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.75 1.66 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.84 2.69 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT3_1 24122	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT3_2 24123	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT3_3 24124	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT3_4 24125	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT3_5 24126	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT3_6 24127	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT3_7 24128	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT3_8 24129	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
GOWANUS_GT4_1 24130	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.84 2.69 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT4_2 24131	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.84 2.69 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51

GOWANUS_GT4_3 24132	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.84 2.69 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT4_4 24133	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.84 2.69 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT4_5 24134	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.84 2.69 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT4_6 24135	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.84 2.69 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT4_7 24136	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.84 2.69 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GOWANUS_GT4_8 24137	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.84 2.69 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GREENBSH_115KV_TB3 55895	29.80 0.84 0.00	27.59 0.69 -1.46	25.97 0.65 -1.22	25.19 0.59 -2.78	26.11 0.61 -3.08	26.04 0.61 -2.74	28.71 0.57 -7.03	28.44 0.77 -1.17	32.19 0.97 0.00	37.53 0.83 -6.90	35.91 0.83 -5.55	37.68 0.72 -10.23	36.43 0.75 -9.66	36.92 0.67 -13.14	35.63 0.65 -12.54	38.38 0.55 -18.12	40.36 0.51 -21.82	46.62 0.64 -22.13	45.58 0.65 -20.91	45.50 0.83 -14.09	47.74 0.81 -16.98	35.38 0.84 -2.15	33.15 0.81 -4.40	30.74 0.62 -7.93
GREENDGE_115KV_TB5 80291	28.50 -0.46 0.00	25.15 -0.53 -0.24	23.81 -0.48 -0.20	21.90 -0.37 -0.45	22.50 -0.43 -0.50	22.68 -0.45 -0.44	21.89 -0.36 -1.14	26.11 -0.58 -0.19	30.44 -0.78 0.00	29.93 -0.98 -1.12	29.39 -1.03 -0.90	27.42 -0.96 -1.65	26.67 -0.91 -1.56	24.42 -0.81 -2.12	23.66 -0.81 -2.03	21.95 -0.69 -2.93	20.99 -0.58 -3.53	26.73 -0.69 -3.58	26.75 -0.65 -3.38	32.21 -0.64 -2.28	32.19 -0.51 -2.74	32.15 -0.58 -0.35	28.15 -0.50 -0.71	23.14 -0.33 -1.28
GREENIDGE___3 23582	28.50 -0.46 0.00	25.15 -0.53 -0.24	23.81 -0.48 -0.20	21.90 -0.37 -0.45	22.50 -0.43 -0.50	22.68 -0.45 -0.44	21.89 -0.36 -1.14	26.11 -0.58 -0.19	30.44 -0.78 0.00	29.93 -0.98 -1.12	29.39 -1.03 -0.90	27.42 -0.96 -1.65	26.67 -0.91 -1.56	24.42 -0.81 -2.12	23.66 -0.81 -2.03	21.95 -0.69 -2.93	20.99 -0.58 -3.53	26.73 -0.69 -3.58	26.75 -0.65 -3.38	32.21 -0.64 -2.28	32.19 -0.51 -2.74	32.15 -0.58 -0.35	28.15 -0.50 -0.71	23.14 -0.33 -1.28
GREENIDGE___4 23583	28.50 -0.46 0.00	25.14 -0.54 -0.24	23.81 -0.48 -0.20	21.90 -0.37 -0.45	22.49 -0.43 -0.50	22.68 -0.45 -0.44	21.89 -0.36 -1.14	26.11 -0.58 -0.19	30.44 -0.78 0.00	29.93 -0.98 -1.12	29.39 -1.03 -0.90	27.42 -0.96 -1.65	26.67 -0.91 -1.56	24.42 -0.81 -2.12	23.66 -0.81 -2.03	21.95 -0.69 -2.93	20.99 -0.58 -3.53	26.73 -0.69 -3.58	26.75 -0.65 -3.38	32.21 -0.64 -2.28	32.19 -0.51 -2.74	32.15 -0.58 -0.35	28.15 -0.50 -0.71	23.14 -0.33 -1.28
GREENLWN_69_KV_BK 3 55738	31.19 2.23 0.00	28.41 1.76 -1.21	26.64 1.54 -1.00	25.54 1.44 -2.28	26.36 1.41 -2.53	26.41 1.47 -2.25	28.27 1.39 -5.77	29.66 2.20 -0.96	33.81 2.59 0.00	37.81 2.35 -5.66	36.22 2.13 -4.56	37.00 1.87 -8.40	35.85 1.90 -7.93	35.61 1.71 -10.79	34.53 1.79 -10.30	36.18 1.54 -14.93	37.97 1.37 -18.56	43.87 1.86 -18.16	42.99 1.80 -17.16	44.38 2.23 -11.57	46.05 2.16 -13.94	36.68 2.53 -1.78	33.98 2.43 -3.61	30.29 1.60 -6.51
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.87 2.72 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51
GRISSOM___SOLAR 323813	30.67 1.71 0.00	28.56 1.48 -1.64	26.82 1.35 -1.37	26.14 1.20 -3.12	27.11 1.23 -3.46	27.06 1.29 -3.08	30.24 1.25 -7.89	29.43 1.62 -1.31	33.12 1.90 0.00	39.39 1.85 -7.75	37.59 1.83 -6.23	39.76 1.55 -11.48	38.32 1.46 -10.84	39.16 1.29 -14.75	37.68 1.17 -14.08	41.04 0.99 -20.34	43.43 0.90 -24.49	49.91 1.22 -24.84	48.84 1.34 -23.48	48.27 1.90 -15.80	51.06 2.07 -19.03	36.84 2.04 -2.42	34.66 1.79 -4.93	32.45 1.38 -8.89
GROVEVILLE___HYD 323602	30.70 1.74 0.00	28.12 1.48 -1.20	26.50 1.40 -1.01	25.39 1.29 -2.29	26.28 1.32 -2.53	26.24 1.29 -2.26	28.12 1.22 -5.78	29.06 1.59 -0.96	33.15 1.94 0.00	37.26 1.79 -5.68	35.84 1.74 -4.57	36.75 1.60 -8.41	35.53 1.56 -7.95	35.31 1.39 -10.81	34.12 1.37 -10.32	35.82 1.20 -14.91	37.13 1.14 -17.95	43.56 1.50 -18.21	42.76 1.54 -17.21	44.04 1.87 -11.59	45.78 1.86 -13.97	36.13 1.98 -1.77	33.29 1.73 -3.62	30.06 1.35 -6.52
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.67 -0.29 0.00	25.31 -0.25 -0.12	23.98 -0.22 -0.10	21.86 -0.20 -0.23	22.46 -0.22 -0.26	22.69 -0.23 -0.23	21.53 -0.17 -0.59	26.31 -0.29 -0.10	30.84 -0.37 0.00	29.99 -0.39 -0.58	29.64 -0.35 -0.47	27.30 -0.29 -0.86	26.54 -0.29 -0.81	23.99 -0.23 -1.11	23.27 -0.22 -1.06	21.06 -0.18 -1.53	19.71 -0.16 -1.84	25.50 -0.21 -1.86	25.59 -0.19 -1.76	31.52 -0.24 -1.19	31.24 -0.15 -1.43	32.40 -0.16 -0.18	28.11 -0.37 -0.37	22.70 -0.16 -0.67

HAMLTNNY_34_KV_TB 80303	28.70 -0.26 0.00	25.35 -0.23 -0.13	24.01 -0.19 -0.11	21.92 -0.15 -0.25	22.50 -0.20 -0.28	22.73 -0.20 -0.25	21.59 -0.15 -0.63	26.32 -0.29 -0.11	30.87 -0.34 0.00	30.06 -0.36 -0.62	29.67 -0.35 -0.50	27.36 -0.29 -0.92	26.60 -0.29 -0.87	24.06 -0.23 -1.18	23.34 -0.22 -1.13	21.16 -0.18 -1.63	19.86 -0.14 -1.96	25.65 -0.19 -1.99	25.73 -0.17 -1.88	31.66 -0.18 -1.27	31.37 -0.12 -1.53	32.44 -0.13 -0.19	28.20 -0.14 -0.40	22.77 -0.13 -0.71
HAMPSHIRE___PAPER_HYD 323593	27.92 -1.04 0.00	24.64 -0.84 -0.03	23.31 -0.82 -0.03	21.10 -0.78 -0.07	21.73 -0.76 -0.07	22.02 -0.73 -0.06	20.56 -0.72 -0.17	25.66 -0.87 -0.03	30.28 -0.94 0.00	28.94 -1.01 -0.16	28.62 -1.03 -0.13	25.93 -1.04 -0.24	25.18 -1.07 -0.23	22.42 -0.99 -0.31	21.77 -0.96 -0.30	19.31 -0.83 -0.43	17.79 -0.76 -0.51	23.44 -0.93 -0.52	23.65 -0.86 -0.49	29.78 -1.13 -0.33	29.16 -1.20 -0.40	31.13 -1.30 -0.05	26.87 -1.17 -0.10	21.40 -0.98 -0.19
HARDSCRABBLE_WT_PWR 323673	29.31 0.35 0.00	25.75 0.31 0.00	24.39 0.29 0.00	22.08 0.26 0.00	22.69 0.27 0.00	22.98 0.29 0.00	21.38 0.27 0.00	26.96 0.45 0.00	31.81 0.59 0.00	30.42 0.63 0.00	30.09 0.56 0.00	27.16 0.43 0.00	26.33 0.31 0.00	23.32 0.21 0.00	22.55 0.11 0.00	19.65 -0.06 0.00	17.89 -0.14 0.00	23.59 -0.26 0.00	23.73 -0.29 0.00	30.15 -0.43 0.00	29.54 -0.42 0.00	31.96 -0.42 0.00	27.66 -0.28 0.00	21.92 -0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.53 1.56 0.00	27.89 1.32 -1.12	26.32 1.28 -0.94	25.14 1.18 -2.14	26.01 1.21 -2.37	26.00 1.20 -2.11	27.64 1.12 -5.41	28.89 1.48 -0.90	33.00 1.78 0.00	36.78 1.67 -5.32	35.43 1.62 -4.28	36.13 1.52 -7.87	34.91 1.46 -7.44	34.55 1.32 -10.12	33.39 1.30 -9.66	34.81 1.14 -13.96	35.91 1.06 -16.80	42.32 1.43 -17.04	41.57 1.44 -16.11	43.17 1.74 -10.85	44.74 1.71 -13.07	35.92 1.88 -1.66	32.92 1.59 -3.39	29.54 1.24 -6.11
HARSNRAD_115KV_TB1 81005	26.53 -2.43 0.00	23.28 -2.34 -0.18	21.98 -2.27 -0.15	20.26 -1.90 -0.34	20.81 -2.00 -0.38	20.83 -2.20 -0.34	19.97 -2.01 -0.87	24.03 -2.62 -0.14	27.69 -3.53 0.00	26.95 -3.69 -0.86	26.47 -3.75 -0.69	24.71 -3.29 -1.27	24.25 -2.97 -1.20	22.10 -2.63 -1.63	21.48 -2.51 -1.55	19.77 -2.19 -2.25	18.83 -1.91 -2.70	23.95 -2.65 -2.74	23.95 -2.67 -2.59	29.30 -3.03 -1.75	29.25 -2.82 -2.10	29.51 -3.14 -0.27	26.14 -2.35 -0.55	21.39 -1.77 -0.98
HARZA MOOSE___RIVER 24016	28.79 -0.17 0.00	25.36 -0.13 -0.04	23.99 -0.14 -0.04	21.75 -0.15 -0.08	22.40 -0.11 -0.09	22.63 -0.14 -0.08	21.34 0.02 -0.21	26.62 0.08 -0.04	31.37 0.16 0.00	29.94 -0.06 -0.21	29.58 -0.12 -0.17	26.88 -0.16 -0.31	26.07 -0.23 -0.29	23.29 -0.21 -0.39	22.65 -0.16 -0.38	20.13 -0.12 -0.54	18.58 -0.11 -0.65	24.42 -0.10 -0.66	24.65 0.00 -0.63	30.97 -0.03 -0.42	30.41 -0.06 -0.51	32.41 -0.03 -0.06	27.99 -0.08 -0.13	22.29 -0.13 -0.24
HDSNBRDG_115KV_BRDG_TB1 355580	28.53 -0.43 0.00	25.17 -0.38 -0.11	23.83 -0.36 -0.09	21.73 -0.31 -0.21	22.32 -0.34 -0.24	22.53 -0.36 -0.21	21.35 -0.30 -0.54	26.14 -0.45 -0.09	30.66 -0.56 0.00	29.75 -0.57 -0.53	29.42 -0.53 -0.42	27.06 -0.45 -0.78	26.31 -0.44 -0.74	23.74 -0.37 -1.00	23.03 -0.36 -0.96	20.80 -0.30 -1.38	19.45 -0.25 -1.67	25.21 -0.33 -1.69	25.28 -0.34 -1.60	31.26 -0.40 -1.08	30.92 -0.33 -1.30	32.19 -0.36 -0.16	27.94 -0.34 -0.34	22.53 -0.27 -0.61
HELLGATE_13_KV_LD 55870	31.08 2.11 0.00	28.46 1.81 -1.21	26.76 1.66 -1.00	25.62 1.53 -2.28	26.54 1.59 -2.53	26.50 1.57 -2.25	28.37 1.50 -5.76	29.45 1.99 -0.96	33.59 2.37 0.00	37.72 2.26 -5.66	36.30 2.21 -4.55	37.20 2.09 -8.39	35.92 1.98 -7.92	35.67 1.78 -10.78	34.50 1.77 -10.29	36.15 1.58 -14.86	37.38 1.44 -17.89	43.96 1.96 -18.15	43.07 1.90 -17.15	44.49 2.35 -11.56	46.13 2.25 -13.92	36.67 2.53 -1.77	33.64 2.10 -3.61	30.27 1.58 -6.50
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.08 2.11 0.00	28.46 1.81 -1.21	26.76 1.66 -1.00	25.62 1.53 -2.28	26.54 1.59 -2.53	26.50 1.57 -2.25	28.37 1.50 -5.76	29.45 1.99 -0.96	33.59 2.37 0.00	37.72 2.26 -5.66	36.30 2.21 -4.55	37.20 2.09 -8.39	35.92 1.98 -7.92	35.67 1.78 -10.78	34.50 1.77 -10.29	36.15 1.58 -14.86	37.38 1.44 -17.89	43.96 1.96 -18.15	43.07 1.90 -17.15	44.49 2.35 -11.56	46.13 2.25 -13.92	36.67 2.53 -1.77	33.64 2.10 -3.61	30.27 1.58 -6.50
HEMPSTEAD____ 23647	31.10 2.14 0.00	28.36 1.70 -1.21	26.62 1.52 -1.00	25.51 1.42 -2.28	26.34 1.39 -2.53	26.39 1.45 -2.25	28.23 1.35 -5.77	29.56 2.09 -0.96	33.72 2.50 0.00	37.72 2.26 -5.66	36.22 2.13 -4.57	37.08 1.95 -8.40	35.83 1.87 -7.94	35.59 1.69 -10.79	34.44 1.70 -10.30	36.19 1.52 -14.97	38.29 1.39 -18.86	43.85 1.84 -18.17	43.01 1.82 -17.17	44.46 2.29 -11.59	46.13 2.22 -13.95	36.62 2.46 -1.78	33.82 2.26 -3.61	30.23 1.53 -6.51
HEWLETT_69_KV_BK3 55828	31.37 2.40 0.00	28.58 1.93 -1.21	26.81 1.71 -1.00	25.69 1.59 -2.28	26.52 1.57 -2.53	26.57 1.63 -2.25	28.39 1.52 -5.77	29.77 2.31 -0.96	33.96 2.75 0.00	38.02 2.56 -5.66	36.46 2.36 -4.57	37.30 2.17 -8.40	36.04 2.08 -7.94	35.78 1.87 -10.80	34.62 1.88 -10.30	36.34 1.66 -14.97	38.50 1.52 -18.94	44.12 2.10 -18.17	43.28 2.09 -17.17	44.75 2.60 -11.57	46.44 2.55 -13.94	36.95 2.78 -1.78	34.12 2.57 -3.61	30.42 1.73 -6.51
HICKLING___1 23621	28.47 -0.49 0.00	25.08 -0.66 -0.30	23.75 -0.60 -0.25	21.93 -0.46 -0.57	22.54 -0.52 -0.64	22.66 -0.59 -0.57	22.07 -0.49 -1.45	25.98 -0.77 -0.24	30.31 -0.91 0.00	29.94 -1.28 -1.43	29.32 -1.36 -1.15	27.64 -1.20 -2.11	26.89 -1.12 -2.00	24.81 -1.02 -2.71	24.04 -0.99 -2.59	22.59 -0.87 -3.74	21.79 -0.76 -4.51	27.44 -0.98 -4.57	27.43 -0.91 -4.32	32.51 -0.98 -2.91	32.63 -0.84 -3.51	31.92 -0.91 -0.44	28.12 -0.73 -0.91	23.34 -0.49 -1.64
HICKLING___2 23622	28.47 -0.49 0.00	25.08 -0.66 -0.30	23.75 -0.60 -0.25	21.93 -0.46 -0.57	22.54 -0.52 -0.64	22.66 -0.59 -0.57	22.07 -0.49 -1.45	25.98 -0.77 -0.24	30.31 -0.91 0.00	29.94 -1.28 -1.43	29.32 -1.36 -1.15	27.64 -1.20 -2.11	26.89 -1.12 -2.00	24.81 -1.02 -2.71	24.04 -0.99 -2.59	22.59 -0.87 -3.74	21.79 -0.76 -4.51	27.44 -0.98 -4.57	27.43 -0.91 -4.32	32.51 -0.98 -2.91	32.63 -0.84 -3.51	31.92 -0.91 -0.44	28.12 -0.73 -0.91	23.34 -0.49 -1.64
HIGH FALLS___HY 23754	30.61 1.65 0.00	28.09 1.45 -1.20	26.45 1.35 -1.00	25.34 1.24 -2.28	26.25 1.30 -2.53	26.18 1.25 -2.25	28.05 1.18 -5.76	28.97 1.51 -0.96	33.00 1.78 0.00	37.15 1.70 -5.66	35.70 1.62 -4.55	36.61 1.50 -8.38	35.37 1.43 -7.92	35.18 1.29 -10.77	34.00 1.28 -10.28	35.71 1.14 -14.85	37.00 1.08 -17.88	43.44 1.45 -18.14	42.70 1.54 -17.14	43.93 1.80 -11.55	45.64 1.77 -13.91	36.06 1.91 -1.77	33.20 1.65 -3.61	29.97 1.29 -6.50
HIGH_RIVER___SOLAR 323847	30.35 1.39 0.00	28.23 1.20 -1.59	26.54 1.11 -1.33	25.84 1.00 -3.02	26.81 1.03 -3.35	26.71 1.04 -2.98	29.77 1.01 -7.64	29.05 1.27 -1.27	32.72 1.50 0.00	38.70 1.40 -7.51	36.93 1.36 -6.04	39.00 1.15 -11.12	37.59 1.07 -10.51	38.33 0.93 -14.29	36.91 0.83 -13.64	40.13 0.71 -19.71	42.42 0.65 -23.73	48.85 0.93 -24.07	47.85 1.08 -22.75	47.44 1.56 -15.31	50.07 1.68 -18.44	36.40 1.68 -2.34	34.17 1.45 -4.78	31.93 1.13 -8.61

HILLBURN___GT 23639	30.61 1.65 0.00	27.97 1.40 -1.13	26.40 1.35 -0.95	25.23 1.24 -2.16	26.10 1.28 -2.40	26.09 1.27 -2.14	27.79 1.20 -5.48	29.01 1.59 -0.91	33.15 1.94 0.00	36.99 1.82 -5.38	35.65 1.80 -4.33	36.35 1.66 -7.96	35.15 1.61 -7.52	34.80 1.46 -10.24	33.64 1.44 -9.77	35.11 1.28 -14.12	36.21 1.17 -16.99	42.64 1.55 -17.24	41.85 1.54 -16.29	43.49 1.93 -10.99	45.05 1.86 -13.24	36.10 2.04 -1.68	33.08 1.70 -3.43	29.68 1.31 -6.18
HILLSIDE_115KV_TB1 80332	28.30 -0.67 0.00	24.92 -0.84 -0.31	23.59 -0.77 -0.26	21.80 -0.61 -0.59	22.41 -0.67 -0.66	22.52 -0.75 -0.59	21.98 -0.63 -1.51	25.83 -0.93 -0.25	30.16 -1.06 0.00	29.84 -1.43 -1.48	29.21 -1.51 -1.19	27.61 -1.31 -2.19	26.86 -1.22 -2.07	24.84 -1.09 -2.81	24.07 -1.05 -2.69	22.66 -0.93 -3.88	21.90 -0.81 -4.67	27.54 -1.05 -4.74	27.49 -1.01 -4.48	32.46 -1.13 -3.02	32.61 -0.99 -3.64	31.74 -1.10 -0.46	27.99 -0.89 -0.94	23.26 -0.62 -1.70
HISHELDN_WT_PWR 323625	26.99 -1.97 0.00	23.65 -2.01 -0.21	22.35 -1.93 -0.18	20.65 -1.57 -0.41	21.22 -1.66 -0.45	21.27 -1.82 -0.40	20.49 -1.65 -1.03	24.45 -2.23 -0.17	28.28 -2.94 0.00	27.47 -3.34 -1.01	26.86 -3.48 -0.81	25.10 -3.13 -1.50	24.52 -2.91 -1.42	22.38 -2.66 -1.93	21.69 -2.58 -1.84	20.10 -2.27 -2.66	19.23 -2.00 -3.20	24.40 -2.70 -3.24	24.44 -2.64 -3.07	29.65 -3.00 -2.07	29.69 -2.76 -2.49	29.65 -3.04 -0.32	26.21 -2.37 -0.65	21.62 -1.73 -1.16
HOLTSVILLE_IC_1 23690	31.51 2.55 0.00	28.66 2.01 -1.21	26.86 1.76 -1.00	25.78 1.68 -2.28	26.54 1.59 -2.53	26.64 1.70 -2.25	28.48 1.60 -5.77	30.01 2.54 -0.96	34.18 2.97 0.00	37.93 2.47 -5.66	36.42 2.33 -4.56	37.24 2.11 -8.40	35.95 2.00 -7.93	35.70 1.80 -10.79	34.73 2.00 -10.30	36.49 1.85 -14.93	38.33 1.75 -18.54	44.37 2.36 -18.16	43.47 2.28 -17.16	45.16 3.00 -11.58	46.75 2.85 -13.95	37.13 2.98 -1.78	34.24 2.68 -3.61	30.47 1.78 -6.51
HOLTSVILLE_IC_10 23699	31.66 2.69 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.84 1.75 -2.28	26.61 1.66 -2.53	26.71 1.77 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.31 3.09 0.00	38.05 2.59 -5.66	36.57 2.48 -4.56	37.35 2.22 -8.40	36.08 2.13 -7.93	35.79 1.90 -10.79	34.84 2.11 -10.30	36.59 1.95 -14.93	38.44 1.86 -18.55	44.52 2.50 -18.16	43.61 2.42 -17.16	45.34 3.18 -11.58	46.93 3.02 -13.95	37.30 3.14 -1.78	34.37 2.82 -3.61	30.56 1.86 -6.51
HOLTSVILLE_IC_2 23691	31.51 2.55 0.00	28.66 2.01 -1.21	26.86 1.76 -1.00	25.78 1.68 -2.28	26.54 1.59 -2.53	26.64 1.70 -2.25	28.48 1.60 -5.77	30.01 2.54 -0.96	34.18 2.97 0.00	37.93 2.47 -5.66	36.42 2.33 -4.56	37.24 2.11 -8.40	35.95 2.00 -7.93	35.70 1.80 -10.79	34.73 2.00 -10.30	36.49 1.85 -14.93	38.33 1.75 -18.54	44.37 2.36 -18.16	43.47 2.28 -17.16	45.16 3.00 -11.58	46.75 2.85 -13.95	37.13 2.98 -1.78	34.24 2.68 -3.61	30.47 1.78 -6.51
HOLTSVILLE_IC_3 23692	31.51 2.55 0.00	28.66 2.01 -1.21	26.86 1.76 -1.00	25.78 1.68 -2.28	26.54 1.59 -2.53	26.64 1.70 -2.25	28.48 1.60 -5.77	30.01 2.54 -0.96	34.18 2.97 0.00	37.93 2.47 -5.66	36.42 2.33 -4.56	37.24 2.11 -8.40	35.95 2.00 -7.93	35.70 1.80 -10.79	34.73 2.00 -10.30	36.49 1.85 -14.93	38.33 1.75 -18.54	44.37 2.36 -18.16	43.47 2.28 -17.16	45.16 3.00 -11.58	46.75 2.85 -13.95	37.13 2.98 -1.78	34.24 2.68 -3.61	30.47 1.78 -6.51
HOLTSVILLE_IC_4 23693	31.51 2.55 0.00	28.66 2.01 -1.21	26.86 1.76 -1.00	25.78 1.68 -2.28	26.54 1.59 -2.53	26.64 1.70 -2.25	28.48 1.60 -5.77	30.01 2.54 -0.96	34.18 2.97 0.00	37.93 2.47 -5.66	36.42 2.33 -4.56	37.24 2.11 -8.40	35.95 2.00 -7.93	35.70 1.80 -10.79	34.73 2.00 -10.30	36.49 1.85 -14.93	38.33 1.75 -18.54	44.37 2.36 -18.16	43.47 2.28 -17.16	45.16 3.00 -11.58	46.75 2.85 -13.95	37.13 2.98 -1.78	34.24 2.68 -3.61	30.47 1.78 -6.51
HOLTSVILLE_IC_5 23694	31.51 2.55 0.00	28.66 2.01 -1.21	26.86 1.76 -1.00	25.78 1.68 -2.28	26.54 1.59 -2.53	26.64 1.70 -2.25	28.48 1.60 -5.77	30.01 2.54 -0.96	34.18 2.97 0.00	37.93 2.47 -5.66	36.42 2.33 -4.56	37.24 2.11 -8.40	35.95 2.00 -7.93	35.70 1.80 -10.79	34.73 2.00 -10.30	36.49 1.85 -14.93	38.33 1.75 -18.54	44.37 2.36 -18.16	43.47 2.28 -17.16	45.16 3.00 -11.58	46.75 2.85 -13.95	37.13 2.98 -1.78	34.24 2.68 -3.61	30.47 1.78 -6.51
HOLTSVILLE_IC_6 23695	31.66 2.69 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.84 1.75 -2.28	26.61 1.66 -2.53	26.71 1.77 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.31 3.09 0.00	38.05 2.59 -5.66	36.57 2.48 -4.56	37.35 2.22 -8.40	36.08 2.13 -7.93	35.79 1.90 -10.79	34.84 2.11 -10.30	36.59 1.95 -14.93	38.44 1.86 -18.55	44.52 2.50 -18.16	43.61 2.42 -17.16	45.34 3.18 -11.58	46.93 3.02 -13.95	37.30 3.14 -1.78	34.37 2.82 -3.61	30.56 1.86 -6.51
HOLTSVILLE_IC_7 23696	31.66 2.69 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.84 1.75 -2.28	26.61 1.66 -2.53	26.71 1.77 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.31 3.09 0.00	38.05 2.59 -5.66	36.57 2.48 -4.56	37.35 2.22 -8.40	36.08 2.13 -7.93	35.79 1.90 -10.79	34.84 2.11 -10.30	36.59 1.95 -14.93	38.44 1.86 -18.55	44.52 2.50 -18.16	43.61 2.42 -17.16	45.34 3.18 -11.58	46.93 3.02 -13.95	37.30 3.14 -1.78	34.37 2.82 -3.61	30.56 1.86 -6.51
HOLTSVILLE_IC_8 23697	31.66 2.69 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.84 1.75 -2.28	26.61 1.66 -2.53	26.71 1.77 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.31 3.09 0.00	38.05 2.59 -5.66	36.57 2.48 -4.56	37.35 2.22 -8.40	36.08 2.13 -7.93	35.79 1.90 -10.79	34.84 2.11 -10.30	36.59 1.95 -14.93	38.44 1.86 -18.55	44.52 2.50 -18.16	43.61 2.42 -17.16	45.34 3.18 -11.58	46.93 3.02 -13.95	37.30 3.14 -1.78	34.37 2.82 -3.61	30.56 1.86 -6.51
HOLTSVILLE_IC_9 23698	31.66 2.69 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.84 1.75 -2.28	26.61 1.66 -2.53	26.71 1.77 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.31 3.09 0.00	38.05 2.59 -5.66	36.57 2.48 -4.56	37.35 2.22 -8.40	36.08 2.13 -7.93	35.79 1.90 -10.79	34.84 2.11 -10.30	36.59 1.95 -14.93	38.44 1.86 -18.55	44.52 2.50 -18.16	43.61 2.42 -17.16	45.34 3.18 -11.58	46.93 3.02 -13.95	37.30 3.14 -1.78	34.37 2.82 -3.61	30.56 1.86 -6.51
HOMER_HL_115KV_TB2 355744	27.40 -1.56 0.00	23.61 -2.06 -0.23	22.29 -2.00 -0.19	20.62 -1.64 -0.44	21.16 -1.75 -0.48	21.19 -1.93 -0.43	20.48 -1.73 -1.10	24.36 -2.33 -0.18	28.85 -2.37 0.00	27.51 -3.37 -1.08	26.91 -3.48 -0.87	25.26 -3.07 -1.60	24.69 -2.84 -1.51	22.65 -2.52 -2.06	21.98 -2.42 -1.96	20.38 -2.17 -2.84	19.54 -1.91 -3.42	24.72 -2.60 -3.47	24.72 -2.57 -3.28	29.85 -2.94 -2.21	29.86 -2.76 -2.66	29.71 -3.01 -0.34	26.28 -2.35 -0.69	21.70 -1.73 -1.24
HOWARD_WT_PWR 323690	27.51 -1.45 0.00	24.17 -1.53 -0.25	22.94 -1.37 -0.21	21.21 -1.09 -0.48	21.79 -1.17 -0.53	21.91 -1.25 -0.47	21.20 -1.12 -1.21	25.04 -1.67 -0.20	29.13 -2.09 0.00	28.33 -2.65 -1.19	27.59 -2.89 -0.96	25.74 -2.75 -1.76	24.97 -2.71 -1.66	22.85 -2.52 -2.26	22.08 -2.51 -2.16	20.60 -2.23 -3.12	19.81 -1.98 -3.76	25.11 -2.55 -3.81	25.17 -2.45 -3.60	30.19 -2.81 -2.43	30.30 -2.58 -2.92	29.97 -2.78 -0.37	26.35 -2.35 -0.76	22.40 -1.15 -1.37

HQ_GEN_CEDARS 23644	28.70 -0.26 0.00	25.29 -0.15 0.00	23.95 -0.14 0.00	21.67 -0.15 0.00	22.31 -0.11 0.00	22.62 -0.07 0.00	20.92 -0.19 0.00	26.24 -0.27 0.00	31.00 -0.22 0.00	29.70 -0.09 0.00	29.44 -0.09 0.00	26.57 -0.16 0.00	25.83 -0.18 0.00	22.88 -0.23 0.00	22.14 -0.29 0.00	19.47 -0.24 0.00	17.77 -0.27 0.00	23.54 -0.31 0.00	23.68 -0.34 0.00	30.12 -0.46 0.00	29.36 -0.60 0.00	31.76 -0.62 0.00	27.35 -0.59 0.00	21.81 -0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	28.70 -0.26 0.00	25.29 -0.15 0.00	23.95 -0.14 0.00	21.67 -0.15 0.00	22.31 -0.11 0.00	22.62 -0.07 0.00	20.92 -0.19 0.00	26.24 -0.27 0.00	31.00 -0.22 0.00	29.70 -0.09 0.00	29.44 -0.09 0.00	26.57 -0.16 0.00	25.84 -0.18 0.00	22.88 -0.23 0.00	22.14 -0.29 0.00	19.47 -0.24 0.00	17.77 -0.27 0.00	23.54 -0.31 0.00	23.68 -0.34 0.00	30.12 -0.46 0.00	29.36 -0.60 0.00	31.76 -0.62 0.00	27.35 -0.59 0.00	21.81 -0.38 0.00
HQ_GEN_IMPORT 323601	28.73 -0.23 0.00	25.27 -0.18 0.00	23.95 -0.14 0.00	21.67 -0.15 0.00	22.27 -0.16 0.00	22.55 -0.14 0.00	20.96 -0.15 0.00	26.29 -0.21 0.00	31.00 -0.22 0.00	29.64 -0.15 0.00	29.38 -0.15 0.00	26.57 -0.16 0.00	25.86 -0.16 0.00	22.95 -0.16 0.00	22.26 -0.18 0.00	19.53 -0.18 0.00	17.88 -0.16 0.00	23.63 -0.22 0.00	23.78 -0.24 0.00	30.27 -0.31 0.00	29.60 -0.36 0.00	31.99 -0.39 0.00	27.61 -0.33 0.00	21.94 -0.24 0.00
HQ_GEN_WHEEL 23651	28.73 -0.23 0.00	25.27 -0.18 0.00	23.95 -0.14 0.00	21.67 -0.15 0.00	22.27 -0.16 0.00	22.55 -0.14 0.00	20.96 -0.15 0.00	26.29 -0.21 0.00	31.00 -0.22 0.00	29.64 -0.15 0.00	29.38 -0.15 0.00	26.57 -0.16 0.00	25.86 -0.16 0.00	22.95 -0.16 0.00	22.26 -0.18 0.00	19.53 -0.18 0.00	17.88 -0.16 0.00	23.63 -0.22 0.00	23.78 -0.24 0.00	30.27 -0.31 0.00	29.60 -0.36 0.00	31.99 -0.39 0.00	27.61 -0.33 0.00	21.94 -0.24 0.00
HUDSON AVE_GT_3 23810	30.90 1.94 0.00	28.30 1.65 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.22 1.35 -5.76	29.27 1.80 -0.96	33.40 2.19 0.00	37.54 2.09 -5.66	36.12 2.04 -4.55	37.02 1.90 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.79 1.79 -18.15	42.92 1.75 -17.15	44.31 2.17 -11.56	45.92 2.04 -13.92	36.51 2.36 -1.77	33.50 1.96 -3.61	30.15 1.46 -6.50
HUDSON AVE_GT_4 23540	30.90 1.94 0.00	28.30 1.65 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.22 1.35 -5.76	29.27 1.80 -0.96	33.40 2.19 0.00	37.54 2.09 -5.66	36.12 2.04 -4.55	37.02 1.90 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.79 1.79 -18.15	42.92 1.75 -17.15	44.31 2.17 -11.56	45.92 2.04 -13.92	36.51 2.36 -1.77	33.50 1.96 -3.61	30.15 1.46 -6.50
HUDSON AVE_GT_5 23657	30.90 1.94 0.00	28.30 1.65 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.22 1.35 -5.76	29.27 1.80 -0.96	33.40 2.19 0.00	37.54 2.09 -5.66	36.12 2.04 -4.55	37.02 1.90 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.79 1.79 -18.15	42.92 1.75 -17.15	44.31 2.17 -11.56	45.92 2.04 -13.92	36.51 2.36 -1.77	33.50 1.96 -3.61	30.15 1.46 -6.50
HUDSON_AVE_10 24168	30.84 1.88 0.00	28.25 1.60 -1.21	26.59 1.49 -1.00	25.47 1.37 -2.28	26.36 1.41 -2.53	26.34 1.41 -2.25	28.18 1.31 -5.76	29.24 1.78 -0.96	33.37 2.15 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.99 1.87 -8.39	35.73 1.80 -7.92	35.48 1.59 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.23 1.30 -17.89	43.74 1.74 -18.15	42.88 1.71 -17.15	44.24 2.11 -11.56	45.89 2.01 -13.92	36.45 2.30 -1.77	33.48 1.93 -3.61	30.13 1.44 -6.50
HUDSON___115KV_TB 4 355613	30.21 1.25 0.00	27.71 0.84 -1.43	26.07 0.77 -1.20	25.22 0.68 -2.72	26.16 0.72 -3.02	26.10 0.73 -2.69	28.67 0.68 -6.88	28.52 0.87 -1.14	32.53 1.31 0.00	37.48 0.92 -6.76	35.85 0.89 -5.44	37.52 0.78 -10.01	36.26 0.78 -9.46	36.67 0.69 -12.87	35.34 0.63 -12.28	38.00 0.55 -17.74	39.92 0.52 -21.36	46.23 0.72 -21.67	45.29 0.79 -20.48	45.35 0.98 -13.80	47.63 1.05 -16.62	35.49 1.00 -2.11	33.23 0.98 -4.31	30.71 0.75 -7.77
HUNTER MOUNT___DRP 323613	30.32 1.36 0.00	27.55 0.71 -1.40	25.92 0.65 -1.17	25.04 0.57 -2.66	25.98 0.61 -2.95	25.90 0.59 -2.62	28.42 0.59 -6.72	28.34 0.72 -1.12	32.53 1.31 0.00	37.14 0.74 -6.60	35.55 0.71 -5.31	37.10 0.59 -9.78	35.85 0.60 -9.24	36.21 0.53 -12.57	34.90 0.47 -11.99	37.43 0.39 -17.33	39.28 0.38 -20.86	45.56 0.55 -21.16	44.69 0.67 -20.00	44.85 0.80 -13.48	47.06 0.87 -16.23	35.22 0.78 -2.06	32.96 0.81 -4.21	30.44 0.67 -7.58
HUNTINGTON_RES_REC 323705	31.45 2.49 0.00	28.61 1.96 -1.21	26.81 1.71 -1.00	25.71 1.61 -2.28	26.50 1.55 -2.53	26.57 1.63 -2.25	28.41 1.54 -5.77	29.90 2.44 -0.96	34.15 2.93 0.00	37.99 2.53 -5.66	36.45 2.36 -4.56	37.24 2.11 -8.40	36.03 2.08 -7.93	35.77 1.87 -10.79	34.73 2.00 -10.30	36.42 1.77 -14.93	38.21 1.62 -18.55	44.21 2.19 -18.16	43.30 2.11 -17.16	44.91 2.75 -11.58	46.54 2.64 -13.95	37.07 2.92 -1.78	34.24 2.68 -3.61	30.47 1.78 -6.51
HUNTLEY___63 23557	26.67 -2.29 0.00	23.42 -2.21 -0.19	22.11 -2.14 -0.16	20.39 -1.79 -0.36	20.91 -1.91 -0.40	20.95 -2.09 -0.35	20.09 -1.92 -0.90	24.14 -2.52 -0.15	27.85 -3.37 0.00	27.10 -3.58 -0.89	26.61 -3.63 -0.71	24.86 -3.18 -1.31	24.39 -2.86 -1.24	22.25 -2.54 -1.69	21.65 -2.40 -1.61	19.93 -2.11 -2.33	18.98 -1.86 -2.80	24.11 -2.58 -2.84	24.11 -2.59 -2.68	29.45 -2.94 -1.81	29.41 -2.73 -2.18	29.61 -3.04 -0.28	26.24 -2.26 -0.57	21.52 -1.69 -1.02
HUNTLEY___64 23558	26.67 -2.29 0.00	23.42 -2.21 -0.19	22.11 -2.14 -0.16	20.39 -1.79 -0.36	20.91 -1.91 -0.40	20.95 -2.09 -0.35	20.09 -1.92 -0.90	24.14 -2.52 -0.15	27.85 -3.37 0.00	27.10 -3.58 -0.89	26.61 -3.63 -0.71	24.86 -3.18 -1.31	24.39 -2.86 -1.24	22.25 -2.54 -1.69	21.65 -2.40 -1.61	19.93 -2.11 -2.33	18.98 -1.86 -2.80	24.11 -2.58 -2.84	24.11 -2.59 -2.68	29.45 -2.94 -1.81	29.41 -2.73 -2.18	29.61 -3.04 -0.28	26.24 -2.26 -0.57	21.52 -1.69 -1.02
HUNTLEY___65 23559	26.67 -2.29 0.00	23.42 -2.21 -0.19	22.11 -2.14 -0.16	20.39 -1.79 -0.36	20.91 -1.91 -0.40	20.95 -2.09 -0.35	20.09 -1.92 -0.90	24.14 -2.52 -0.15	27.85 -3.37 0.00	27.10 -3.58 -0.89	26.61 -3.63 -0.71	24.86 -3.18 -1.31	24.39 -2.86 -1.24	22.25 -2.54 -1.69	21.65 -2.40 -1.61	19.93 -2.11 -2.33	18.98 -1.86 -2.80	24.11 -2.58 -2.84	24.11 -2.59 -2.68	29.45 -2.94 -1.81	29.41 -2.73 -2.18	29.61 -3.04 -0.28	26.24 -2.26 -0.57	21.52 -1.69 -1.02
HUNTLEY___66 23560	26.67 -2.29 0.00	23.42 -2.21 -0.19	22.11 -2.14 -0.16	20.39 -1.79 -0.36	20.91 -1.91 -0.40	20.95 -2.09 -0.35	20.09 -1.92 -0.90	24.14 -2.52 -0.15	27.85 -3.37 0.00	27.10 -3.58 -0.89	26.61 -3.63 -0.71	24.86 -3.18 -1.31	24.39 -2.86 -1.24	22.25 -2.54 -1.69	21.65 -2.40 -1.61	19.93 -2.11 -2.33	18.98 -1.86 -2.80	24.11 -2.58 -2.84	24.11 -2.59 -2.68	29.45 -2.94 -1.81	29.41 -2.73 -2.18	29.61 -3.04 -0.28	26.24 -2.26 -0.57	21.52 -1.69 -1.02

HUNTLEY___67 23561	26.67 -2.29 0.00	23.37 -2.26 -0.19	22.06 -2.19 -0.16	20.35 -1.83 -0.36	20.90 -1.93 -0.40	20.94 -2.11 -0.36	20.11 -1.92 -0.92	24.14 -2.52 -0.15	27.88 -3.34 0.00	27.09 -3.60 -0.90	26.59 -3.66 -0.73	24.86 -3.21 -1.34	24.39 -2.89 -1.26	22.29 -2.54 -1.72	21.65 -2.42 -1.64	19.97 -2.11 -2.37	19.04 -1.86 -2.86	24.17 -2.58 -2.90	24.19 -2.57 -2.74	29.46 -2.97 -1.84	29.45 -2.73 -2.22	29.59 -3.08 -0.28	26.20 -2.32 -0.58	21.49 -1.73 -1.04
HUNTLEY___68 23562	26.67 -2.29 0.00	23.37 -2.26 -0.19	22.06 -2.19 -0.16	20.35 -1.83 -0.36	20.90 -1.93 -0.40	20.94 -2.11 -0.36	20.11 -1.92 -0.92	24.14 -2.52 -0.15	27.88 -3.34 0.00	27.09 -3.60 -0.90	26.59 -3.66 -0.73	24.86 -3.21 -1.34	24.39 -2.89 -1.26	22.29 -2.54 -1.72	21.65 -2.42 -1.64	19.97 -2.11 -2.37	19.04 -1.86 -2.86	24.17 -2.58 -2.90	24.19 -2.57 -2.74	29.46 -2.97 -1.84	29.45 -2.73 -2.22	29.59 -3.08 -0.28	26.20 -2.32 -0.58	21.49 -1.73 -1.04
HYLAND___LFGE 323620	28.67 -0.29 0.00	25.29 -0.36 -0.21	23.93 -0.34 -0.17	22.00 -0.22 -0.39	22.62 -0.25 -0.44	22.76 -0.32 -0.39	21.77 -0.34 -1.00	26.01 -0.66 -0.17	30.06 -1.15 0.00	29.31 -1.46 -0.98	28.49 -1.83 -0.79	26.47 -1.71 -1.45	25.72 -1.67 -1.37	23.45 -1.53 -1.87	22.74 -1.48 -1.78	21.02 -1.26 -2.57	20.13 -1.01 -3.10	25.95 -1.05 -3.14	26.15 -0.84 -2.97	32.06 -0.52 -2.00	32.10 -0.27 -2.41	32.43 -0.26 -0.31	28.31 -0.25 -0.63	23.18 -0.13 -1.13
INDECK___CORINTH 23802	30.64 1.68 0.00	28.37 1.42 -1.51	26.71 1.35 -1.26	25.86 1.18 -2.86	26.81 1.21 -3.17	26.78 1.27 -2.83	29.57 1.22 -7.24	29.33 1.62 -1.20	33.22 2.00 0.00	38.87 1.97 -7.11	37.26 2.01 -5.72	39.06 1.79 -10.53	37.74 1.77 -9.95	38.22 1.57 -13.54	36.77 1.41 -12.92	39.60 1.22 -18.67	41.62 1.10 -22.48	48.06 1.41 -22.80	47.03 1.47 -21.54	47.05 1.99 -14.49	49.50 2.10 -17.45	36.67 2.07 -2.21	34.28 1.82 -4.52	31.74 1.40 -8.15
INDECK___ILION 23567	29.25 0.29 0.00	25.70 0.25 0.00	24.31 0.22 0.00	22.01 0.20 0.00	22.65 0.22 0.00	22.91 0.23 0.00	21.32 0.21 0.00	26.85 0.34 0.00	31.65 0.44 0.00	30.24 0.45 0.00	29.94 0.41 0.00	27.08 0.35 0.00	26.30 0.29 0.00	23.32 0.21 0.00	22.62 0.18 0.00	19.79 0.08 0.00	18.07 0.04 0.00	23.85 0.00 0.00	24.02 0.00 0.00	30.55 -0.03 0.00	29.93 -0.03 0.00	32.35 -0.03 0.00	27.97 0.03 0.00	22.16 -0.02 0.00
INDECK___OLEAN 23982	27.40 -1.56 0.00	23.61 -2.06 -0.23	22.29 -2.00 -0.19	20.62 -1.64 -0.44	21.16 -1.75 -0.48	21.21 -1.91 -0.43	20.48 -1.73 -1.10	24.36 -2.33 -0.18	28.84 -2.37 0.00	27.51 -3.37 -1.08	26.91 -3.48 -0.87	25.26 -3.07 -1.60	24.69 -2.84 -1.51	22.65 -2.52 -2.06	21.98 -2.42 -1.96	20.38 -2.17 -2.84	19.54 -1.91 -3.42	24.72 -2.60 -3.47	24.72 -2.57 -3.28	29.85 -2.94 -2.21	29.86 -2.76 -2.66	29.71 -3.01 -0.34	26.28 -2.35 -0.69	21.70 -1.73 -1.24
INDECK___OSWEGO 23783	28.21 -0.75 0.00	24.90 -0.64 -0.09	23.57 -0.60 -0.08	21.45 -0.54 -0.18	22.06 -0.56 -0.20	22.27 -0.59 -0.18	21.05 -0.51 -0.45	25.87 -0.71 -0.08	30.34 -0.87 0.00	29.37 -0.86 -0.44	29.03 -0.86 -0.36	26.64 -0.75 -0.66	25.91 -0.73 -0.62	23.33 -0.62 -0.85	22.64 -0.60 -0.81	20.36 -0.51 -1.17	18.99 -0.45 -1.40	24.68 -0.60 -1.42	24.77 -0.60 -1.35	30.75 -0.73 -0.91	30.39 -0.66 -1.09	31.81 -0.71 -0.14	27.58 -0.64 -0.28	22.19 -0.51 -0.51
INDECK___YERKES 23781	26.70 -2.26 0.00	23.44 -2.19 -0.19	22.13 -2.12 -0.16	20.41 -1.77 -0.36	20.94 -1.88 -0.40	20.95 -2.09 -0.35	20.11 -1.90 -0.90	24.16 -2.49 -0.15	27.88 -3.34 0.00	27.13 -3.55 -0.89	26.64 -3.60 -0.71	24.86 -3.18 -1.31	24.39 -2.86 -1.24	22.28 -2.52 -1.69	21.65 -2.40 -1.61	19.93 -2.11 -2.33	19.00 -1.84 -2.80	24.14 -2.55 -2.84	24.13 -2.57 -2.68	29.48 -2.91 -1.81	29.44 -2.70 -2.18	29.65 -3.01 -0.28	26.27 -2.24 -0.57	21.52 -1.69 -1.02
INDIAN POINT_GT_1 24139	30.55 1.59 0.00	28.00 1.37 -1.18	26.42 1.33 -0.99	25.30 1.22 -2.26	26.18 1.26 -2.50	26.16 1.25 -2.23	27.98 1.16 -5.71	29.02 1.56 -0.95	33.12 1.90 0.00	37.18 1.79 -5.60	35.81 1.77 -4.51	36.69 1.66 -8.30	35.45 1.59 -7.84	35.21 1.43 -10.67	34.03 1.41 -10.18	35.68 1.26 -14.71	36.92 1.17 -17.71	43.37 1.55 -17.97	42.53 1.54 -16.98	43.91 1.90 -11.44	45.57 1.83 -13.78	36.17 2.04 -1.75	33.22 1.70 -3.57	29.91 1.29 -6.44
INDIAN POINT_GT_2 23659	30.55 1.59 0.00	28.00 1.37 -1.18	26.42 1.33 -0.99	25.30 1.22 -2.26	26.18 1.26 -2.50	26.16 1.25 -2.23	27.98 1.16 -5.71	29.02 1.56 -0.95	33.12 1.90 0.00	37.18 1.79 -5.60	35.81 1.77 -4.51	36.69 1.66 -8.30	35.45 1.59 -7.84	35.21 1.43 -10.67	34.03 1.41 -10.18	35.68 1.26 -14.71	36.92 1.17 -17.71	43.37 1.55 -17.97	42.53 1.54 -16.98	43.91 1.90 -11.44	45.57 1.83 -13.78	36.17 2.04 -1.75	33.22 1.70 -3.57	29.91 1.29 -6.44
INDIAN POINT_GT_3 24019	30.55 1.59 0.00	28.00 1.37 -1.18	26.42 1.33 -0.99	25.30 1.22 -2.26	26.18 1.26 -2.50	26.16 1.25 -2.23	27.98 1.16 -5.71	29.02 1.56 -0.95	33.12 1.90 0.00	37.18 1.79 -5.60	35.81 1.77 -4.51	36.69 1.66 -8.30	35.45 1.59 -7.84	35.21 1.43 -10.67	34.03 1.41 -10.18	35.68 1.26 -14.71	36.92 1.17 -17.71	43.37 1.55 -17.97	42.53 1.54 -16.98	43.91 1.90 -11.44	45.57 1.83 -13.78	36.17 2.04 -1.75	33.22 1.70 -3.57	29.91 1.29 -6.44
INDIAN POINT___2 23530	30.50 1.53 0.00	27.89 1.30 -1.15	26.38 1.30 -0.98	25.24 1.20 -2.23	26.12 1.23 -2.47	26.11 1.22 -2.20	27.88 1.14 -5.63	29.00 1.56 -0.94	33.09 1.87 0.00	37.08 1.76 -5.53	35.72 1.74 -4.45	36.56 1.63 -8.19	35.32 1.56 -7.74	35.05 1.41 -10.53	33.87 1.39 -10.05	35.47 1.24 -14.52	36.67 1.16 -17.48	43.11 1.53 -17.73	42.29 1.51 -16.75	43.74 1.87 -11.30	45.37 1.80 -13.61	36.12 2.01 -1.73	33.14 1.68 -3.53	29.83 1.29 -6.36
INDIAN POINT___3 23531	30.58 1.62 0.00	28.03 1.40 -1.19	26.39 1.30 -0.99	25.30 1.22 -2.26	26.18 1.26 -2.50	26.14 1.23 -2.23	27.96 1.14 -5.71	29.02 1.56 -0.95	33.09 1.87 0.00	37.16 1.76 -5.61	35.78 1.74 -4.51	36.67 1.63 -8.30	35.42 1.56 -7.84	35.19 1.41 -10.67	34.01 1.39 -10.19	35.67 1.24 -14.72	36.91 1.15 -17.72	43.35 1.53 -17.97	42.52 1.51 -16.98	43.89 1.87 -11.44	45.54 1.80 -13.79	36.14 2.01 -1.75	33.19 1.68 -3.57	29.91 1.29 -6.44
INGHAM_C_115KV_TB7 356103	29.43 0.46 0.00	25.85 0.41 0.00	24.46 0.36 0.00	22.15 0.33 0.00	22.78 0.36 0.00	23.05 0.36 0.00	21.45 0.34 0.00	27.04 0.53 0.00	31.90 0.69 0.00	30.48 0.69 0.00	30.18 0.65 0.00	27.24 0.51 0.00	26.41 0.39 0.00	23.39 0.28 0.00	22.62 0.18 0.00	19.73 0.02 0.00	17.98 -0.05 0.00	23.71 -0.14 0.00	23.85 -0.17 0.00	30.30 -0.28 0.00	29.69 -0.27 0.00	32.12 -0.26 0.00	27.80 -0.14 0.00	22.03 -0.16 0.00
IP CORINTH___1 23988	30.61 1.65 0.00	28.37 1.42 -1.51	26.68 1.33 -1.26	25.86 1.18 -2.86	26.81 1.21 -3.17	26.76 1.25 -2.83	29.57 1.22 -7.24	29.33 1.62 -1.20	33.18 1.97 0.00	38.87 1.97 -7.11	37.23 1.98 -5.72	39.03 1.76 -10.53	37.71 1.74 -9.95	38.22 1.57 -13.54	36.75 1.39 -12.92	39.58 1.20 -18.67	41.60 1.08 -22.48	48.06 1.41 -22.80	47.01 1.44 -21.54	47.05 1.96 -14.52	49.51 2.07 -17.49	36.64 2.04 -2.22	34.26 1.79 -4.53	31.75 1.40 -8.17

IP___TICONDEROGA 23804	31.66 2.69 0.00	29.29 2.34 -1.50	27.55 2.19 -1.26	26.60 1.92 -2.86	27.57 1.97 -3.17	27.57 2.06 -2.82	30.35 2.01 -7.23	30.31 2.60 -1.20	34.34 3.12 0.00	40.00 3.10 -7.10	38.34 3.10 -5.71	40.01 2.75 -10.52	38.69 2.73 -9.94	39.06 2.43 -13.53	37.48 2.13 -12.91	40.23 1.87 -18.65	42.17 1.68 -22.45	48.82 2.19 -22.78	47.82 2.28 -21.52	48.20 3.12 -14.50	50.76 3.33 -17.47	37.80 3.21 -2.22	35.32 2.85 -4.53	32.57 2.22 -8.16
ISLIP_RES_REC 323679	31.74 2.78 0.00	28.81 2.16 -1.21	27.03 1.93 -1.00	25.91 1.81 -2.28	26.68 1.73 -2.53	26.77 1.84 -2.25	28.63 1.75 -5.77	30.19 2.73 -0.96	34.43 3.22 0.00	38.17 2.71 -5.66	36.69 2.60 -4.56	37.48 2.35 -8.40	36.16 2.21 -7.93	35.89 1.99 -10.79	34.93 2.20 -10.30	36.67 2.03 -14.93	38.52 1.93 -18.55	44.64 2.62 -18.16	43.73 2.54 -17.16	45.46 3.30 -11.58	47.08 3.17 -13.95	37.46 3.30 -1.78	34.49 2.93 -3.61	30.63 1.93 -6.51
JAMAICA__27_KV_LOAD 355505	30.90 1.94 0.00	28.28 1.63 -1.21	26.64 1.54 -1.00	25.52 1.42 -2.28	26.43 1.48 -2.53	26.39 1.45 -2.25	28.27 1.39 -5.76	29.35 1.88 -0.96	33.53 2.31 0.00	37.57 2.12 -5.66	36.12 2.04 -4.55	37.07 1.95 -8.39	35.79 1.85 -7.92	35.55 1.66 -10.78	34.40 1.68 -10.29	36.09 1.52 -14.86	37.25 1.32 -17.89	43.81 1.81 -18.15	42.95 1.78 -17.15	44.34 2.20 -11.56	45.98 2.10 -13.92	36.57 2.43 -1.77	33.59 2.04 -3.61	30.20 1.51 -6.50
JANIS___SOLAR 323808	29.57 0.61 0.00	26.25 0.48 -0.32	24.80 0.43 -0.27	22.85 0.41 -0.61	23.53 0.42 -0.68	23.72 0.43 -0.61	23.17 0.51 -1.55	27.37 0.61 -0.26	32.03 0.81 0.00	31.91 0.60 -1.53	31.23 0.47 -1.23	29.34 0.35 -2.26	28.41 0.26 -2.14	26.27 0.25 -2.91	25.48 0.27 -2.77	23.99 0.28 -4.01	23.17 0.31 -4.82	29.22 0.48 -4.89	29.27 0.62 -4.62	34.49 0.79 -3.12	34.55 0.84 -3.75	33.80 0.94 -0.48	29.61 0.70 -0.97	24.45 0.51 -1.75
JARVIS____ 23743	29.08 0.12 0.00	25.55 0.10 0.00	24.19 0.10 0.00	21.91 0.09 0.00	22.51 0.09 0.00	22.78 0.09 0.00	21.19 0.08 0.00	26.64 0.13 0.00	31.41 0.19 0.00	29.94 0.15 0.00	29.68 0.15 0.00	26.87 0.13 0.00	26.15 0.13 0.00	23.22 0.12 0.00	22.55 0.11 0.00	19.81 0.10 0.00	18.13 0.09 0.00	23.95 0.10 0.00	24.14 0.12 0.00	30.70 0.12 0.00	30.11 0.15 0.00	32.51 0.13 0.00	28.08 0.14 0.00	22.28 0.09 0.00
JENNISON___1 23625	29.66 0.70 0.00	26.42 0.56 -0.41	24.93 0.48 -0.35	23.06 0.46 -0.79	23.81 0.52 -0.87	23.96 0.50 -0.78	23.61 0.51 -1.99	27.58 0.74 -0.33	32.25 1.03 0.00	32.65 0.89 -1.96	31.93 0.83 -1.58	30.33 0.70 -2.90	29.36 0.60 -2.74	27.37 0.53 -3.73	26.58 0.58 -3.56	25.34 0.49 -5.14	24.68 0.45 -6.19	30.70 0.57 -6.28	30.63 0.67 -5.93	35.40 0.83 -4.00	35.58 0.81 -4.82	33.90 0.91 -0.61	29.94 0.75 -1.25	24.95 0.51 -2.25
JENNISON___2 23626	29.66 0.70 0.00	26.42 0.56 -0.41	24.93 0.48 -0.35	23.06 0.46 -0.79	23.81 0.52 -0.87	23.96 0.50 -0.78	23.61 0.51 -1.99	27.58 0.74 -0.33	32.25 1.03 0.00	32.65 0.89 -1.96	31.93 0.83 -1.58	30.33 0.70 -2.90	29.36 0.60 -2.74	27.37 0.53 -3.73	26.58 0.58 -3.56	25.34 0.49 -5.14	24.68 0.45 -6.19	30.70 0.57 -6.28	30.63 0.67 -5.93	35.40 0.83 -4.00	35.58 0.81 -4.82	33.90 0.91 -0.61	29.94 0.75 -1.25	24.95 0.51 -2.25
JERICHO_RISE_WT_PWR 323719	28.50 -0.46 0.00	25.09 -0.36 0.00	23.81 -0.29 0.00	21.51 -0.31 0.00	22.11 -0.31 0.00	22.37 -0.32 0.00	20.73 -0.38 0.00	26.11 -0.40 0.00	30.97 -0.25 0.00	29.79 0.00 0.00	29.59 0.06 0.00	26.68 -0.05 0.00	25.91 -0.10 0.00	22.88 -0.23 0.00	22.10 -0.34 0.00	19.36 -0.35 0.00	17.61 -0.43 0.00	23.30 -0.55 0.00	23.42 -0.60 0.00	29.75 -0.82 0.00	28.88 -1.08 0.00	31.12 -1.26 0.00	26.77 -1.17 0.00	21.34 -0.84 0.00
KATONAH___115KV_46KV_TB4 355592	30.76 1.80 0.00	28.19 1.53 -1.22	26.53 1.42 -1.02	25.43 1.31 -2.31	26.35 1.37 -2.56	26.30 1.34 -2.28	28.19 1.25 -5.84	29.17 1.70 -0.97	33.31 2.09 0.00	37.52 2.00 -5.73	36.12 1.98 -4.61	37.04 1.82 -8.49	35.78 1.74 -8.02	35.57 1.55 -10.91	34.40 1.55 -10.41	36.14 1.38 -15.05	37.47 1.32 -18.12	43.92 1.69 -18.38	43.04 1.66 -17.36	44.30 2.02 -11.70	46.06 2.01 -14.10	36.37 2.20 -1.79	33.47 1.87 -3.65	30.19 1.42 -6.58
KCE_NY_1 323755	30.52 1.56 0.00	28.27 1.32 -1.50	26.58 1.23 -1.26	25.79 1.11 -2.86	26.73 1.14 -3.17	26.66 1.16 -2.82	29.45 1.12 -7.22	29.16 1.46 -1.20	33.00 1.78 0.00	38.61 1.73 -7.09	36.98 1.74 -5.71	38.79 1.55 -10.51	37.51 1.56 -9.93	38.00 1.39 -13.51	36.58 1.26 -12.89	39.44 1.10 -18.62	41.45 0.99 -22.42	47.88 1.29 -22.75	46.83 1.32 -21.49	46.83 1.80 -14.45	49.25 1.89 -17.41	36.50 1.91 -2.21	34.13 1.68 -4.51	31.63 1.31 -8.13
KCE_NY_6_ESR 323823	26.91 -2.06 0.00	23.53 -2.11 -0.20	22.22 -2.05 -0.17	20.50 -1.70 -0.38	21.05 -1.79 -0.42	21.06 -2.00 -0.37	20.25 -1.82 -0.96	24.28 -2.39 -0.16	28.16 -3.06 0.00	27.25 -3.49 -0.94	26.74 -3.54 -0.76	25.00 -3.13 -1.40	24.50 -2.84 -1.32	22.38 -2.52 -1.79	21.75 -2.40 -1.71	20.07 -2.11 -2.47	19.16 -1.86 -2.98	24.32 -2.55 -3.02	24.33 -2.55 -2.85	29.63 -2.88 -1.92	29.61 -2.67 -2.32	29.70 -2.98 -0.29	26.30 -2.24 -0.60	21.60 -1.66 -1.08
KEDC_PORT_JEFF_GT2 24210	31.66 2.69 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.84 1.75 -2.28	26.61 1.66 -2.53	26.73 1.79 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.34 3.12 0.00	38.08 2.62 -5.66	36.57 2.48 -4.56	37.38 2.25 -8.40	36.11 2.16 -7.93	35.82 1.92 -10.79	34.87 2.13 -10.30	36.59 1.95 -14.93	38.44 1.86 -18.55	44.54 2.53 -18.16	43.61 2.42 -17.16	45.34 3.18 -11.58	46.93 3.02 -13.95	37.33 3.18 -1.78	34.40 2.85 -3.61	30.58 1.88 -6.51
KEDC_PORT_JEFF_GT3 24211	31.66 2.69 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.84 1.75 -2.28	26.61 1.66 -2.53	26.73 1.79 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.34 3.12 0.00	38.08 2.62 -5.66	36.57 2.48 -4.56	37.38 2.25 -8.40	36.11 2.16 -7.93	35.82 1.92 -10.79	34.87 2.13 -10.30	36.59 1.95 -14.93	38.44 1.86 -18.55	44.54 2.53 -18.16	43.61 2.42 -17.16	45.34 3.18 -11.58	46.93 3.02 -13.95	37.33 3.18 -1.78	34.40 2.85 -3.61	30.58 1.88 -6.51
KEDC_GLWD_GT4 24219	31.10 2.14 0.00	28.40 1.75 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.41 1.46 -2.53	26.43 1.50 -2.25	28.27 1.39 -5.77	29.50 2.04 -0.96	33.72 2.50 0.00	37.75 2.29 -5.66	36.31 2.22 -4.57	37.17 2.03 -8.40	35.91 1.95 -7.94	35.66 1.76 -10.80	34.51 1.77 -10.30	36.25 1.56 -14.98	38.50 1.44 -19.02	43.93 1.91 -18.17	43.06 1.87 -17.17	44.46 2.29 -11.59	46.10 2.19 -13.96	36.69 2.53 -1.78	33.79 2.24 -3.61	30.27 1.58 -6.51
KEDC_GLWD_GT5 24220	31.10 2.14 0.00	28.40 1.75 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.41 1.46 -2.53	26.43 1.50 -2.25	28.27 1.39 -5.77	29.50 2.04 -0.96	33.72 2.50 0.00	37.75 2.29 -5.66	36.31 2.22 -4.57	37.17 2.03 -8.40	35.91 1.95 -7.94	35.66 1.76 -10.80	34.51 1.77 -10.30	36.25 1.56 -14.98	38.50 1.44 -19.02	43.93 1.91 -18.17	43.06 1.87 -17.17	44.46 2.29 -11.59	46.10 2.19 -13.96	36.69 2.53 -1.78	33.79 2.24 -3.61	30.27 1.58 -6.51

KENSICO____ 23655	30.73 1.77 0.00	28.15 1.50 -1.20	26.47 1.37 -1.00	25.38 1.29 -2.27	26.27 1.32 -2.52	26.22 1.29 -2.25	28.06 1.20 -5.75	29.10 1.64 -0.96	33.22 2.00 0.00	37.32 1.88 -5.65	35.93 1.86 -4.54	36.81 1.71 -8.37	35.59 1.67 -7.91	35.34 1.48 -10.76	34.18 1.48 -10.26	35.86 1.32 -14.83	37.12 1.23 -17.86	43.58 1.62 -18.11	42.72 1.59 -17.11	44.10 1.99 -11.53	45.77 1.92 -13.89	36.28 2.14 -1.76	33.33 1.79 -3.60	30.03 1.35 -6.49
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.58 1.62 0.00	27.97 1.37 -1.15	26.34 1.28 -0.96	25.18 1.18 -2.19	26.08 1.23 -2.42	26.05 1.20 -2.16	27.76 1.12 -5.53	28.88 1.46 -0.92	32.97 1.75 0.00	36.83 1.61 -5.43	35.43 1.54 -4.37	36.19 1.42 -8.04	34.97 1.35 -7.60	34.67 1.22 -10.34	33.51 1.21 -9.87	35.05 1.08 -14.25	36.21 1.01 -17.16	42.64 1.38 -17.41	41.93 1.47 -16.45	43.37 1.71 -11.08	45.02 1.71 -13.35	35.89 1.81 -1.69	32.97 1.56 -3.46	29.67 1.24 -6.24
KIAC_JFK_GT1 23816	30.76 1.80 0.00	28.18 1.53 -1.21	26.52 1.42 -1.00	25.41 1.31 -2.28	26.32 1.37 -2.53	26.27 1.34 -2.25	28.16 1.29 -5.76	29.21 1.75 -0.96	33.37 2.15 0.00	37.30 1.85 -5.66	35.97 1.89 -4.55	36.91 1.79 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.29 1.57 -10.29	35.97 1.40 -14.86	37.09 1.15 -17.89	43.60 1.60 -18.15	42.73 1.56 -17.15	44.03 1.90 -11.56	45.68 1.80 -13.92	36.41 2.27 -1.77	33.45 1.90 -3.61	30.09 1.40 -6.50
KIAC_JFK_GT2 23817	30.76 1.80 0.00	28.18 1.53 -1.21	26.52 1.42 -1.00	25.41 1.31 -2.28	26.32 1.37 -2.53	26.27 1.34 -2.25	28.16 1.29 -5.76	29.21 1.75 -0.96	33.37 2.15 0.00	37.30 1.85 -5.66	35.97 1.89 -4.55	36.91 1.79 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.29 1.57 -10.29	35.97 1.40 -14.86	37.09 1.15 -17.89	43.60 1.60 -18.15	42.73 1.56 -17.15	44.03 1.90 -11.56	45.68 1.80 -13.92	36.41 2.27 -1.77	33.45 1.90 -3.61	30.09 1.40 -6.50
KIAC_JFK____ 323774	30.76 1.80 0.00	28.18 1.53 -1.21	26.52 1.42 -1.00	25.41 1.31 -2.28	26.32 1.37 -2.53	26.27 1.34 -2.25	28.16 1.29 -5.76	29.21 1.75 -0.96	33.37 2.15 0.00	37.30 1.85 -5.66	35.97 1.89 -4.55	36.91 1.79 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.29 1.57 -10.29	35.97 1.40 -14.86	37.09 1.16 -17.89	43.60 1.60 -18.15	42.71 1.54 -17.15	44.07 1.93 -11.57	45.69 1.80 -13.94	36.41 2.27 -1.77	33.45 1.90 -3.61	30.10 1.40 -6.51
KINTIGH____ 23543	26.93 -2.03 0.00	23.78 -1.83 -0.17	22.45 -1.78 -0.14	20.63 -1.51 -0.31	21.20 -1.57 -0.35	21.29 -1.70 -0.31	20.34 -1.56 -0.79	24.60 -2.04 -0.13	28.28 -2.93 0.00	27.68 -2.89 -0.78	27.23 -2.92 -0.63	25.35 -2.54 -1.16	24.82 -2.29 -1.09	22.61 -1.99 -1.49	21.97 -1.88 -1.42	20.12 -1.64 -2.05	19.06 -1.44 -2.47	24.37 -1.98 -2.50	24.39 -1.99 -2.36	29.91 -2.26 -1.59	29.81 -2.07 -1.92	30.26 -2.36 -0.24	26.68 -1.76 -0.50	21.73 -1.35 -0.90
KNTFSRNC_46_KV_46KV_LOAD 80397	28.82 -0.14 0.00	25.34 -0.10 0.00	24.07 -0.02 0.00	21.75 -0.07 0.00	22.38 -0.04 0.00	22.64 -0.05 0.00	20.98 -0.13 0.00	26.43 -0.08 0.00	31.37 0.16 0.00	30.21 0.42 0.00	29.97 0.44 0.00	27.00 0.27 0.00	26.22 0.21 0.00	23.16 0.05 0.00	22.35 -0.09 0.00	19.57 -0.14 0.00	17.80 -0.23 0.00	23.59 -0.26 0.00	23.71 -0.31 0.00	30.18 -0.40 0.00	29.27 -0.69 0.00	31.54 -0.84 0.00	27.10 -0.84 0.00	21.61 -0.58 0.00
LACHUTE__HYDRO 323717	31.68 2.72 0.00	29.31 2.37 -1.50	27.57 2.22 -1.26	26.62 1.94 -2.86	27.59 2.00 -3.17	27.60 2.09 -2.82	30.37 2.03 -7.23	30.33 2.62 -1.20	34.37 3.15 0.00	40.02 3.13 -7.10	38.37 3.13 -5.71	40.04 2.78 -10.52	38.72 2.76 -9.94	39.08 2.45 -13.53	37.50 2.15 -12.91	40.25 1.89 -18.65	42.21 1.71 -22.45	48.84 2.22 -22.78	47.85 2.31 -21.52	48.20 3.15 -14.47	50.74 3.35 -17.43	37.83 3.24 -2.21	35.34 2.88 -4.52	32.57 2.24 -8.14
LAWRNCALV_115KV_TB1 80681	28.24 -0.72 0.00	24.91 -0.53 0.00	23.59 -0.51 0.00	21.32 -0.50 0.00	21.95 -0.47 0.00	22.25 -0.43 0.00	20.52 -0.59 0.00	25.76 -0.74 0.00	30.44 -0.78 0.00	29.14 -0.66 0.00	28.88 -0.65 0.00	26.06 -0.67 0.00	25.34 -0.68 0.00	22.39 -0.72 0.00	21.70 -0.74 0.00	19.08 -0.63 0.00	17.43 -0.61 0.00	23.09 -0.76 0.00	23.25 -0.77 0.00	29.57 -1.01 0.00	28.79 -1.17 0.00	31.15 -1.23 0.00	26.79 -1.15 0.00	21.34 -0.84 0.00
LEDERLE____ 23769	30.70 1.74 0.00	28.07 1.48 -1.15	26.46 1.40 -0.97	25.30 1.29 -2.20	26.21 1.35 -2.44	26.24 1.38 -2.17	27.96 1.29 -5.56	29.15 1.72 -0.93	33.28 2.06 0.00	37.22 1.97 -5.46	35.84 1.92 -4.40	36.61 1.79 -8.08	35.37 1.72 -7.64	35.05 1.55 -10.39	33.88 1.53 -9.92	35.39 1.34 -14.34	36.52 1.21 -17.27	42.99 1.62 -17.52	42.18 1.61 -16.55	43.72 1.99 -11.16	45.31 1.92 -13.44	36.19 2.10 -1.71	33.21 1.79 -3.48	29.84 1.38 -6.28
LIGHTRSE_115KV_TB6 355974	28.32 -0.64 0.00	25.00 -0.53 -0.09	23.64 -0.53 -0.07	21.51 -0.48 -0.17	22.12 -0.49 -0.19	22.35 -0.50 -0.17	21.13 -0.40 -0.42	25.97 -0.61 -0.07	30.50 -0.72 0.00	29.43 -0.77 -0.42	29.12 -0.74 -0.34	26.66 -0.70 -0.62	25.90 -0.70 -0.58	23.30 -0.60 -0.79	22.63 -0.56 -0.76	20.33 -0.47 -1.09	18.96 -0.40 -1.32	24.66 -0.52 -1.34	24.83 -0.46 -1.26	30.88 -0.55 -0.85	30.50 -0.48 -1.02	31.99 -0.52 -0.13	27.73 -0.47 -0.27	22.24 -0.42 -0.48
LINDEN COGEN____ 23786	30.76 1.80 0.00	28.18 1.53 -1.21	26.52 1.42 -1.00	25.41 1.31 -2.28	26.30 1.35 -2.53	26.27 1.34 -2.25	28.12 1.25 -5.76	29.19 1.72 -0.96	33.28 2.06 0.00	37.39 1.94 -5.66	36.00 1.92 -4.55	36.91 1.79 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.27 1.55 -10.29	35.95 1.38 -14.86	37.19 1.26 -17.89	43.64 1.64 -18.15	42.80 1.63 -17.15	44.13 1.99 -11.57	45.78 1.89 -13.94	36.38 2.23 -1.77	33.37 1.82 -3.61	30.07 1.38 -6.51
LINDHRST_69_KV_BK1 356055	31.60 2.64 0.00	28.71 2.06 -1.21	26.93 1.83 -1.00	25.80 1.70 -2.28	26.61 1.66 -2.53	26.68 1.75 -2.25	28.52 1.65 -5.77	30.03 2.57 -0.96	34.18 2.97 0.00	38.14 2.68 -5.66	36.66 2.57 -4.56	37.43 2.30 -8.40	36.16 2.21 -7.93	35.89 1.99 -10.79	34.80 2.06 -10.30	36.50 1.85 -14.94	38.41 1.75 -18.62	44.42 2.41 -18.16	43.54 2.35 -17.17	45.14 3.00 -11.57	46.77 2.88 -13.94	37.23 3.08 -1.78	34.34 2.79 -3.61	30.53 1.84 -6.51
LIPA_MISC_IPP 23656	31.57 2.61 0.00	28.69 2.04 -1.21	26.88 1.78 -1.00	25.80 1.70 -2.28	26.54 1.59 -2.53	26.66 1.72 -2.25	28.52 1.65 -5.77	30.03 2.57 -0.96	34.06 2.84 0.00	37.81 2.35 -5.66	36.34 2.24 -4.56	37.13 2.00 -8.40	35.85 1.90 -7.93	35.61 1.71 -10.79	34.71 1.97 -10.30	36.53 1.89 -14.93	38.40 1.82 -18.54	44.54 2.53 -18.16	43.61 2.43 -17.16	45.27 3.12 -11.57	46.83 2.94 -13.93	37.17 3.01 -1.78	34.23 2.68 -3.61	30.42 1.73 -6.51
LISF__SOLAR 323691	31.62 2.66 0.00	28.74 2.09 -1.21	26.93 1.83 -1.00	25.84 1.75 -2.28	26.59 1.64 -2.53	26.68 1.75 -2.25	28.56 1.69 -5.77	30.09 2.62 -0.96	34.24 3.03 0.00	37.87 2.41 -5.66	36.37 2.27 -4.56	37.19 2.06 -8.40	35.90 1.95 -7.93	35.63 1.73 -10.79	34.77 2.04 -10.30	36.59 1.95 -14.93	38.44 1.86 -18.54	44.54 2.53 -18.16	43.61 2.42 -17.16	45.34 3.18 -11.58	46.93 3.02 -13.95	37.24 3.08 -1.78	34.29 2.74 -3.61	30.49 1.80 -6.51

LITTLE FALLS___HYD 24013	29.43 0.46 0.00	25.85 0.41 0.00	24.46 0.36 0.00	22.15 0.33 0.00	22.78 0.36 0.00	23.05 0.36 0.00	21.45 0.34 0.00	27.04 0.53 0.00	31.90 0.69 0.00	30.48 0.69 0.00	30.18 0.65 0.00	27.24 0.51 0.00	26.41 0.39 0.00	23.39 0.28 0.00	22.62 0.18 0.00	19.73 0.02 0.00	17.98 -0.05 0.00	23.71 -0.14 0.00	23.85 -0.17 0.00	30.30 -0.28 0.00	29.69 -0.27 0.00	32.12 -0.26 0.00	27.80 -0.14 0.00	22.03 -0.16 0.00
LITTLRIV_115KV_TB1 356100	28.53 -0.43 0.00	25.14 -0.31 0.00	23.81 -0.29 0.00	21.49 -0.33 0.00	22.18 -0.25 0.00	22.48 -0.20 0.00	20.71 -0.40 0.00	26.00 -0.50 0.00	30.69 -0.53 0.00	29.38 -0.42 0.00	29.08 -0.44 0.00	26.23 -0.51 0.00	25.47 -0.55 0.00	22.53 -0.58 0.00	21.85 -0.58 0.00	19.22 -0.49 0.00	17.57 -0.47 0.00	23.30 -0.55 0.00	23.54 -0.48 0.00	29.90 -0.67 0.00	29.12 -0.84 0.00	31.51 -0.87 0.00	27.10 -0.84 0.00	21.56 -0.62 0.00
LI_NEWBRDGE___DRP 323616	31.10 2.14 0.00	28.36 1.70 -1.21	26.59 1.49 -1.00	25.49 1.40 -2.28	26.32 1.37 -2.53	26.37 1.43 -2.25	28.22 1.35 -5.77	29.58 2.12 -0.96	33.68 2.47 0.00	37.69 2.23 -5.66	36.16 2.07 -4.56	37.00 1.87 -8.40	35.74 1.80 -7.93	35.52 1.62 -10.79	34.39 1.66 -10.30	36.12 1.48 -14.93	37.89 1.35 -18.50	43.90 1.88 -18.16	43.03 1.85 -17.16	44.44 2.29 -11.57	46.11 2.22 -13.93	36.58 2.43 -1.78	33.87 2.32 -3.61	30.22 1.53 -6.51
LOCKPORT_115KV_TB60_63_64 80432	26.50 -2.46 0.00	23.28 -2.34 -0.18	21.96 -2.29 -0.15	20.24 -1.92 -0.34	20.78 -2.02 -0.38	20.82 -2.20 -0.34	19.95 -2.03 -0.86	24.02 -2.62 -0.14	27.66 -3.56 0.00	26.95 -3.69 -0.85	26.46 -3.75 -0.68	24.70 -3.29 -1.26	24.24 -2.97 -1.19	22.09 -2.63 -1.62	21.47 -2.51 -1.54	19.75 -2.19 -2.23	18.79 -1.93 -2.68	23.92 -2.65 -2.72	23.93 -2.67 -2.57	29.28 -3.03 -1.73	29.23 -2.82 -2.09	29.50 -3.14 -0.26	26.13 -2.35 -0.54	21.36 -1.80 -0.98
LOCKPORT___CC1 323769	26.53 -2.43 0.00	23.28 -2.34 -0.18	21.98 -2.27 -0.15	20.26 -1.90 -0.34	20.81 -2.00 -0.38	20.85 -2.18 -0.34	19.97 -2.01 -0.87	24.03 -2.62 -0.14	27.69 -3.53 0.00	26.95 -3.70 -0.86	26.47 -3.75 -0.69	24.71 -3.29 -1.27	24.25 -2.97 -1.20	22.10 -2.63 -1.63	21.48 -2.51 -1.55	19.77 -2.19 -2.25	18.83 -1.91 -2.70	23.94 -2.65 -2.74	23.94 -2.67 -2.59	29.30 -3.03 -1.75	29.25 -2.82 -2.10	29.51 -3.14 -0.27	26.14 -2.35 -0.55	21.39 -1.78 -0.98
LOCKPORT___CC2 323770	26.53 -2.43 0.00	23.28 -2.34 -0.18	21.98 -2.27 -0.15	20.26 -1.90 -0.34	20.81 -2.00 -0.38	20.85 -2.18 -0.34	19.97 -2.01 -0.87	24.03 -2.62 -0.14	27.69 -3.53 0.00	26.95 -3.70 -0.86	26.47 -3.75 -0.69	24.71 -3.29 -1.27	24.25 -2.97 -1.20	22.10 -2.63 -1.63	21.48 -2.51 -1.55	19.77 -2.19 -2.25	18.83 -1.91 -2.70	23.94 -2.65 -2.74	23.94 -2.67 -2.59	29.30 -3.03 -1.75	29.25 -2.82 -2.10	29.51 -3.14 -0.27	26.14 -2.35 -0.55	21.39 -1.78 -0.98
LOCKPORT___CC3 323771	26.53 -2.43 0.00	23.28 -2.34 -0.18	21.98 -2.27 -0.15	20.26 -1.90 -0.34	20.81 -2.00 -0.38	20.85 -2.18 -0.34	19.97 -2.01 -0.87	24.03 -2.62 -0.14	27.69 -3.53 0.00	26.95 -3.70 -0.86	26.47 -3.75 -0.69	24.71 -3.29 -1.27	24.25 -2.97 -1.20	22.10 -2.63 -1.63	21.48 -2.51 -1.55	19.77 -2.19 -2.25	18.83 -1.91 -2.70	23.94 -2.65 -2.74	23.94 -2.67 -2.59	29.30 -3.03 -1.75	29.25 -2.82 -2.10	29.51 -3.14 -0.27	26.14 -2.35 -0.55	21.39 -1.78 -0.98
LONG_LAKE_PHOENIX 24014	28.41 -0.55 0.00	25.08 -0.46 -0.10	23.74 -0.43 -0.08	21.61 -0.39 -0.18	22.20 -0.43 -0.20	22.44 -0.43 -0.18	21.21 -0.36 -0.47	26.03 -0.56 -0.08	30.56 -0.66 0.00	29.59 -0.66 -0.46	29.27 -0.62 -0.37	26.85 -0.56 -0.68	26.11 -0.55 -0.64	23.52 -0.46 -0.87	22.84 -0.43 -0.83	20.53 -0.37 -1.20	19.16 -0.32 -1.44	24.88 -0.43 -1.46	24.97 -0.43 -1.38	30.99 -0.52 -0.93	30.63 -0.45 -1.12	32.04 -0.49 -0.14	27.78 -0.45 -0.29	22.36 -0.35 -0.52
LOVETT___3 23632	30.55 1.59 0.00	27.95 1.35 -1.16	26.37 1.30 -0.98	25.24 1.20 -2.22	26.12 1.23 -2.46	26.08 1.20 -2.19	27.86 1.14 -5.61	28.98 1.54 -0.93	33.06 1.84 0.00	37.03 1.73 -5.51	35.67 1.71 -4.43	36.50 1.60 -8.16	35.26 1.53 -7.71	34.99 1.39 -10.49	33.84 1.39 -10.01	35.39 1.22 -14.46	36.59 1.14 -17.41	43.01 1.50 -17.66	42.20 1.49 -16.69	43.66 1.83 -11.25	45.27 1.77 -13.55	36.07 1.98 -1.72	33.13 1.68 -3.51	29.78 1.26 -6.33
LOVETT___4 23642	30.55 1.59 0.00	27.95 1.35 -1.16	26.37 1.30 -0.98	25.24 1.20 -2.22	26.12 1.23 -2.46	26.08 1.20 -2.19	27.86 1.14 -5.61	28.98 1.54 -0.93	33.06 1.84 0.00	37.03 1.73 -5.51	35.67 1.71 -4.43	36.50 1.60 -8.16	35.26 1.53 -7.71	34.99 1.39 -10.49	33.84 1.39 -10.01	35.39 1.22 -14.46	36.59 1.14 -17.41	43.01 1.50 -17.66	42.20 1.49 -16.69	43.66 1.83 -11.25	45.27 1.77 -13.55	36.07 1.98 -1.72	33.13 1.68 -3.51	29.78 1.26 -6.33
LOVETT___5 23593	30.55 1.59 0.00	27.95 1.35 -1.16	26.37 1.30 -0.98	25.24 1.20 -2.22	26.12 1.23 -2.46	26.08 1.20 -2.19	27.86 1.14 -5.61	28.98 1.54 -0.93	33.06 1.84 0.00	37.03 1.73 -5.51	35.67 1.71 -4.43	36.50 1.60 -8.16	35.26 1.53 -7.71	34.99 1.39 -10.49	33.84 1.39 -10.01	35.39 1.22 -14.46	36.59 1.14 -17.41	43.01 1.50 -17.66	42.20 1.49 -16.69	43.66 1.83 -11.25	45.27 1.77 -13.55	36.07 1.98 -1.72	33.13 1.68 -3.51	29.78 1.26 -6.33
LOWER RAQUET___HYD 24057	28.09 -0.87 0.00	24.78 -0.66 0.00	23.47 -0.63 0.00	21.21 -0.61 0.00	21.84 -0.58 0.00	22.14 -0.54 0.00	20.39 -0.72 0.00	25.60 -0.90 0.00	30.28 -0.94 0.00	28.99 -0.80 0.00	28.73 -0.80 0.00	25.90 -0.83 0.00	25.16 -0.86 0.00	22.25 -0.85 0.00	21.56 -0.88 0.00	18.96 -0.75 0.00	17.32 -0.72 0.00	22.94 -0.91 0.00	23.13 -0.89 0.00	29.38 -1.19 0.00	28.61 -1.35 0.00	30.96 -1.42 0.00	26.63 -1.31 0.00	21.21 -0.98 0.00
LOWER___HUDSON 24059	30.27 1.30 0.00	27.99 1.07 -1.48	26.35 1.01 -1.24	25.55 0.92 -2.81	26.49 0.94 -3.12	26.42 0.95 -2.78	29.13 0.91 -7.12	28.91 1.22 -1.18	32.69 1.47 0.00	38.18 1.40 -6.99	36.54 1.39 -5.62	38.35 1.26 -10.36	37.05 1.25 -9.78	37.53 1.11 -13.31	36.17 1.03 -12.70	38.97 0.91 -18.35	40.97 0.83 -22.10	47.36 1.10 -22.41	46.31 1.11 -21.18	46.39 1.59 -14.23	48.68 1.59 -17.14	36.21 1.65 -2.17	33.83 1.45 -4.44	31.30 1.11 -8.01
LOWVILLE_115KV_TB2 356335	28.44 -0.52 0.00	25.08 -0.41 -0.05	23.70 -0.43 -0.04	21.49 -0.41 -0.09	22.14 -0.38 -0.10	22.39 -0.39 -0.09	21.18 -0.15 -0.22	26.38 -0.16 -0.04	31.12 -0.09 0.00	29.53 -0.48 -0.22	29.17 -0.53 -0.17	26.49 -0.56 -0.32	25.70 -0.62 -0.30	22.94 -0.58 -0.41	22.34 -0.49 -0.39	19.87 -0.41 -0.57	18.36 -0.36 -0.69	24.14 -0.41 -0.70	24.41 -0.26 -0.66	30.65 -0.37 -0.44	30.07 -0.42 -0.53	32.03 -0.42 -0.07	27.66 -0.42 -0.14	22.01 -0.42 -0.25
LUTHERFT_115KV_GLOB_FND_222 355753	30.50 1.53 0.00	28.24 1.30 -1.50	26.58 1.23 -1.26	25.76 1.09 -2.86	26.71 1.12 -3.17	26.66 1.16 -2.82	29.43 1.10 -7.22	29.16 1.46 -1.20	32.97 1.75 0.00	38.62 1.73 -7.09	36.95 1.71 -5.71	38.79 1.55 -10.51	37.48 1.53 -9.93	37.98 1.36 -13.51	36.56 1.23 -12.89	39.42 1.08 -18.62	41.45 0.99 -22.42	47.86 1.26 -22.75	46.81 1.30 -21.49	46.87 1.80 -14.48	49.26 1.86 -17.45	36.47 1.88 -2.21	34.11 1.65 -4.52	31.62 1.29 -8.15

LUTHERNY_35_KV_BK2 355980	30.50 1.53 0.00	28.27 1.32 -1.50	26.58 1.23 -1.26	25.76 1.09 -2.86	26.71 1.12 -3.17	26.66 1.16 -2.82	29.45 1.12 -7.22	29.16 1.46 -1.20	33.00 1.78 0.00	38.62 1.73 -7.09	36.98 1.74 -5.71	38.79 1.55 -10.51	37.48 1.53 -9.93	38.00 1.39 -13.51	36.58 1.26 -12.89	39.42 1.08 -18.62	41.45 0.99 -22.42	47.88 1.29 -22.75	46.83 1.32 -21.49	46.87 1.80 -14.48	49.26 1.86 -17.45	36.47 1.88 -2.21	34.14 1.68 -4.52	31.62 1.29 -8.15
LWR___OSWEGATCHIE_HYD 23850	27.92 -1.04 0.00	24.64 -0.84 -0.03	23.31 -0.82 -0.03	21.10 -0.79 -0.07	21.73 -0.76 -0.07	22.02 -0.73 -0.06	20.56 -0.72 -0.17	25.66 -0.87 -0.03	30.28 -0.94 0.00	28.94 -1.01 -0.16	28.62 -1.03 -0.13	25.93 -1.04 -0.24	25.18 -1.07 -0.23	22.42 -0.99 -0.31	21.77 -0.96 -0.30	19.31 -0.83 -0.43	17.79 -0.76 -0.51	23.44 -0.93 -0.52	23.65 -0.86 -0.49	29.78 -1.13 -0.33	29.16 -1.20 -0.40	31.14 -1.30 -0.05	26.87 -1.17 -0.10	21.40 -0.98 -0.19
LYONS_FALL_HYD 23570	28.79 -0.17 0.00	25.36 -0.13 -0.04	23.99 -0.14 -0.04	21.75 -0.15 -0.08	22.40 -0.11 -0.09	22.63 -0.14 -0.08	21.34 0.02 -0.21	26.62 0.08 -0.04	31.37 0.16 0.00	29.94 -0.06 -0.21	29.58 -0.12 -0.17	26.88 -0.16 -0.31	26.07 -0.23 -0.29	23.29 -0.21 -0.39	22.66 -0.16 -0.38	20.14 -0.12 -0.54	18.58 -0.11 -0.65	24.42 -0.10 -0.66	24.65 0.00 -0.63	30.97 -0.03 -0.42	30.41 -0.06 -0.51	32.41 -0.03 -0.06	27.99 -0.08 -0.13	22.29 -0.13 -0.24
MADISON___COUNTY_LFGE 323628	29.40 0.43 0.00	25.90 0.38 -0.07	24.50 0.34 -0.06	22.26 0.31 -0.14	22.89 0.31 -0.15	23.14 0.32 -0.14	21.80 0.34 -0.35	27.01 0.45 -0.06	31.81 0.59 0.00	30.61 0.48 -0.34	30.28 0.47 -0.28	27.64 0.40 -0.51	26.83 0.34 -0.48	24.06 0.30 -0.65	23.42 0.36 -0.62	20.93 0.32 -0.90	19.41 0.29 -1.08	25.35 0.41 -1.10	25.51 0.46 -1.04	31.86 0.58 -0.70	31.37 0.57 -0.84	33.10 0.62 -0.11	28.66 0.50 -0.22	22.91 0.33 -0.39
MALONE___115KV_TB1 356076	28.61 -0.35 0.00	25.19 -0.25 0.00	23.90 -0.19 0.00	21.60 -0.22 0.00	22.24 -0.18 0.00	22.53 -0.16 0.00	20.85 -0.25 0.00	26.24 -0.27 0.00	31.16 -0.06 0.00	29.94 0.15 0.00	29.70 0.18 0.00	26.76 0.03 0.00	26.02 0.00 0.00	22.95 -0.16 0.00	22.17 -0.27 0.00	19.43 -0.28 0.00	17.70 -0.34 0.00	23.44 -0.41 0.00	23.59 -0.43 0.00	30.00 -0.58 0.00	29.09 -0.87 0.00	31.38 -1.00 0.00	26.96 -0.98 0.00	21.50 -0.69 0.00
MAPLEWOD_115KV_TB3 80458	30.12 1.16 0.00	27.86 0.94 -1.47	26.22 0.89 -1.23	25.42 0.81 -2.80	26.36 0.83 -3.10	26.29 0.84 -2.76	28.99 0.80 -7.08	28.74 1.06 -1.18	32.53 1.31 0.00	37.94 1.19 -6.95	36.30 1.18 -5.59	38.10 1.07 -10.30	36.84 1.09 -9.73	37.32 0.97 -13.24	35.99 0.92 -12.63	38.77 0.81 -18.25	40.73 0.72 -21.97	47.07 0.93 -22.29	46.04 0.96 -21.06	45.99 1.22 -14.19	48.28 1.23 -17.10	35.81 1.26 -2.17	33.52 1.15 -4.43	31.06 0.89 -7.99
MAPLE_RIDGE_WT_1 323574	28.30 -0.66 0.00	24.86 -0.58 0.00	23.54 -0.55 0.00	21.29 -0.52 0.00	21.93 -0.49 0.00	22.23 -0.45 0.00	20.71 -0.40 0.00	26.05 -0.45 0.00	30.75 -0.47 0.00	29.40 -0.39 0.00	29.11 -0.41 0.00	26.30 -0.43 0.00	25.55 -0.47 0.00	22.62 -0.49 0.00	21.92 -0.52 0.00	19.22 -0.49 0.00	17.53 -0.50 0.00	23.18 -0.67 0.00	23.32 -0.70 0.00	29.66 -0.92 0.00	28.97 -0.99 0.00	31.31 -1.07 0.00	27.02 -0.92 0.00	21.48 -0.71 0.00
MAPLE_RIDGE_WT_2 323611	28.30 -0.66 0.00	24.86 -0.58 0.00	23.54 -0.55 0.00	21.29 -0.52 0.00	21.93 -0.49 0.00	22.23 -0.45 0.00	20.71 -0.40 0.00	26.05 -0.45 0.00	30.75 -0.47 0.00	29.40 -0.39 0.00	29.11 -0.41 0.00	26.30 -0.43 0.00	25.55 -0.47 0.00	22.62 -0.49 0.00	21.92 -0.52 0.00	19.22 -0.49 0.00	17.53 -0.50 0.00	23.18 -0.67 0.00	23.32 -0.70 0.00	29.66 -0.92 0.00	28.97 -0.99 0.00	31.31 -1.07 0.00	27.02 -0.92 0.00	21.48 -0.71 0.00
MARBLE_RIVER_WT_PWR 323696	28.56 -0.41 0.00	25.11 -0.33 0.00	23.86 -0.24 0.00	21.56 -0.26 0.00	22.16 -0.27 0.00	22.41 -0.27 0.00	20.77 -0.34 0.00	26.13 -0.37 0.00	31.03 -0.19 0.00	29.82 0.03 0.00	29.62 0.09 0.00	26.71 -0.03 0.00	25.94 -0.08 0.00	22.92 -0.19 0.00	22.14 -0.29 0.00	19.39 -0.32 0.00	17.64 -0.40 0.00	23.35 -0.50 0.00	23.47 -0.55 0.00	29.78 -0.80 0.00	28.94 -1.02 0.00	31.18 -1.20 0.00	26.82 -1.12 0.00	21.39 -0.80 0.00
MARSHVLE_115KV_TB1 80742	30.64 1.68 0.00	28.63 1.45 -1.74	26.87 1.33 -1.45	26.27 1.16 -3.30	27.29 1.21 -3.66	27.19 1.25 -3.26	30.68 1.22 -8.34	29.46 1.56 -1.39	33.06 1.84 0.00	39.77 1.79 -8.19	37.86 1.74 -6.59	40.31 1.44 -12.14	38.81 1.33 -11.47	39.86 1.16 -15.60	38.36 1.03 -14.89	42.07 0.85 -21.51	44.71 0.78 -25.90	51.19 1.07 -26.27	50.12 1.27 -24.82	49.14 1.83 -16.73	52.21 2.10 -20.15	36.98 2.04 -2.56	34.95 1.79 -5.22	32.98 1.38 -9.41
MARSH_HILL_WT_PWR 323713	27.49 -1.48 0.00	24.17 -1.53 -0.25	22.93 -1.37 -0.21	21.20 -1.09 -0.47	21.78 -1.17 -0.52	21.88 -1.27 -0.47	21.18 -1.12 -1.19	25.03 -1.67 -0.20	29.09 -2.12 0.00	28.34 -2.62 -1.17	27.58 -2.89 -0.94	25.74 -2.73 -1.74	24.98 -2.68 -1.64	22.84 -2.50 -2.23	22.07 -2.49 -2.13	20.58 -2.21 -3.08	19.78 -1.97 -3.70	25.08 -2.53 -3.76	25.14 -2.43 -3.55	30.19 -2.78 -2.39	30.29 -2.55 -2.88	29.99 -2.75 -0.37	26.37 -2.32 -0.75	22.42 -1.11 -1.35
MCINTYRE_115KV_TB2 80467	28.82 -0.14 0.00	25.39 -0.05 0.00	24.05 -0.05 0.00	21.71 -0.11 0.00	22.40 -0.02 0.00	22.71 0.02 0.00	20.96 -0.15 0.00	26.29 -0.21 0.00	31.00 -0.22 0.00	29.64 -0.15 0.00	29.32 -0.21 0.00	26.44 -0.29 0.00	25.70 -0.31 0.00	22.74 -0.37 0.00	22.03 -0.40 0.00	19.39 -0.32 0.00	17.75 -0.29 0.00	23.59 -0.26 0.00	23.80 -0.22 0.00	30.27 -0.31 0.00	29.48 -0.48 0.00	31.89 -0.49 0.00	27.44 -0.50 0.00	21.83 -0.35 0.00
MECO_____69_KV_BK1 80468	31.02 2.06 0.00	28.89 1.78 -1.66	27.15 1.66 -1.39	26.44 1.46 -3.16	27.43 1.50 -3.51	27.37 1.57 -3.12	30.63 1.52 -8.00	29.77 1.93 -1.33	33.53 2.31 0.00	39.89 2.23 -7.86	38.03 2.19 -6.32	40.24 1.87 -11.64	38.73 1.72 -11.00	39.60 1.53 -14.96	38.08 1.37 -14.28	41.50 1.16 -20.63	43.94 1.06 -24.84	50.50 1.45 -25.19	49.46 1.63 -23.81	48.91 2.29 -16.04	51.80 2.52 -19.32	37.29 2.46 -2.45	35.13 2.18 -5.01	32.90 1.69 -9.03
MENANDS___115KV_TB5 355628	30.00 1.04 0.00	27.78 0.87 -1.47	26.15 0.82 -1.23	25.35 0.74 -2.79	26.28 0.76 -3.10	26.22 0.77 -2.76	28.89 0.72 -7.07	28.66 0.98 -1.18	32.40 1.19 0.00	37.81 1.07 -6.94	36.20 1.09 -5.58	37.98 0.96 -10.28	36.72 0.99 -9.71	37.20 0.88 -13.21	35.88 0.83 -12.61	38.66 0.73 -18.22	40.62 0.65 -21.94	46.93 0.83 -22.25	45.91 0.86 -21.03	45.82 1.07 -14.17	48.10 1.08 -17.07	35.68 1.13 -2.17	33.40 1.03 -4.43	30.96 0.80 -7.97
MG INDUSTRY___DRP 24185	29.92 0.96 0.00	27.65 0.76 -1.44	26.03 0.72 -1.21	25.22 0.65 -2.74	26.14 0.67 -3.04	26.08 0.68 -2.71	28.66 0.61 -6.94	28.48 0.82 -1.15	32.25 1.03 0.00	37.50 0.89 -6.82	35.90 0.89 -5.48	37.60 0.78 -10.10	36.33 0.78 -9.54	36.78 0.69 -12.98	35.47 0.65 -12.38	38.17 0.57 -17.89	40.10 0.52 -21.54	46.39 0.69 -21.85	45.39 0.72 -20.65	45.38 0.89 -13.91	47.65 0.93 -16.76	35.48 0.97 -2.13	33.18 0.89 -4.35	30.70 0.69 -7.83

MID___OSWEGATCHIE_HYD 23849	27.92 -1.04 0.00	24.64 -0.84 -0.03	23.31 -0.82 -0.03	21.10 -0.79 -0.07	21.73 -0.76 -0.07	22.02 -0.73 -0.06	20.56 -0.72 -0.17	25.66 -0.87 -0.03	30.28 -0.94 0.00	28.94 -1.01 -0.16	28.62 -1.03 -0.13	25.93 -1.04 -0.24	25.18 -1.07 -0.23	22.42 -0.99 -0.31	21.77 -0.96 -0.30	19.31 -0.83 -0.43	17.79 -0.76 -0.51	23.44 -0.93 -0.52	23.65 -0.86 -0.49	29.78 -1.13 -0.33	29.16 -1.20 -0.40	31.14 -1.30 -0.05	26.87 -1.17 -0.10	21.40 -0.98 -0.19
MID___RAQUETTE_HYD 23851	28.09 -0.87 0.00	24.78 -0.66 0.00	23.47 -0.63 0.00	21.21 -0.61 0.00	21.84 -0.58 0.00	22.14 -0.54 0.00	20.39 -0.72 0.00	25.60 -0.90 0.00	30.28 -0.94 0.00	28.99 -0.80 0.00	28.73 -0.80 0.00	25.90 -0.83 0.00	25.16 -0.86 0.00	22.25 -0.86 0.00	21.56 -0.87 0.00	18.96 -0.75 0.00	17.32 -0.72 0.00	22.94 -0.91 0.00	23.13 -0.89 0.00	29.38 -1.19 0.00	28.61 -1.35 0.00	30.96 -1.42 0.00	26.63 -1.31 0.00	21.21 -0.98 0.00
MILLIKEN___1 23584	29.16 0.20 0.00	25.81 0.13 -0.24	24.44 0.14 -0.20	22.43 0.15 -0.46	23.07 0.13 -0.51	23.25 0.11 -0.45	22.44 0.17 -1.16	26.86 0.16 -0.19	31.44 0.22 0.00	31.02 0.09 -1.14	30.50 0.06 -0.92	28.47 0.05 -1.69	27.64 0.03 -1.59	25.32 0.05 -2.17	24.55 0.04 -2.07	22.78 0.08 -2.99	21.73 0.09 -3.60	27.67 0.17 -3.65	27.69 0.22 -3.45	33.21 0.31 -2.33	33.15 0.39 -2.80	33.16 0.42 -0.36	28.97 0.31 -0.73	23.72 0.22 -1.31
MILLIKEN___2 23585	29.16 0.20 0.00	25.81 0.13 -0.24	24.44 0.14 -0.20	22.43 0.15 -0.46	23.07 0.13 -0.51	23.25 0.11 -0.45	22.44 0.17 -1.16	26.86 0.16 -0.19	31.44 0.22 0.00	31.02 0.09 -1.14	30.50 0.06 -0.92	28.47 0.05 -1.69	27.64 0.03 -1.59	25.32 0.05 -2.17	24.55 0.04 -2.07	22.78 0.08 -2.99	21.73 0.09 -3.60	27.67 0.17 -3.65	27.69 0.22 -3.45	33.21 0.31 -2.33	33.15 0.39 -2.80	33.16 0.42 -0.36	28.97 0.31 -0.73	23.72 0.22 -1.31
MILLIKEN___DIESEL 23629	29.16 0.20 0.00	25.81 0.13 -0.24	24.44 0.14 -0.20	22.43 0.15 -0.46	23.07 0.13 -0.51	23.25 0.11 -0.45	22.44 0.17 -1.16	26.86 0.16 -0.19	31.44 0.22 0.00	31.02 0.09 -1.14	30.50 0.06 -0.92	28.47 0.05 -1.69	27.64 0.03 -1.59	25.32 0.05 -2.17	24.55 0.04 -2.07	22.78 0.08 -2.99	21.73 0.09 -3.60	27.67 0.17 -3.65	27.69 0.22 -3.45	33.21 0.31 -2.33	33.15 0.39 -2.80	33.16 0.42 -0.36	28.97 0.31 -0.73	23.72 0.22 -1.31
MILLSEAT___LFGE 323607	27.08 -1.88 0.00	23.81 -1.81 -0.17	22.49 -1.76 -0.15	20.69 -1.46 -0.33	21.24 -1.55 -0.37	21.31 -1.70 -0.33	20.34 -1.61 -0.84	24.55 -2.09 -0.14	28.32 -2.90 0.00	27.64 -2.98 -0.82	27.12 -3.07 -0.66	25.31 -2.65 -1.22	24.78 -2.39 -1.15	22.53 -2.15 -1.57	21.89 -2.04 -1.50	20.12 -1.75 -2.16	19.13 -1.52 -2.60	24.44 -2.05 -2.64	24.40 -2.11 -2.49	30.00 -2.26 -1.68	29.92 -2.07 -2.03	30.34 -2.30 -0.26	26.73 -1.73 -0.53	21.80 -1.33 -0.95
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.64 1.68 0.00	28.06 1.42 -1.19	26.44 1.35 -1.00	25.33 1.24 -2.26	26.21 1.28 -2.51	26.19 1.27 -2.24	28.02 1.18 -5.73	29.05 1.59 -0.95	33.15 1.94 0.00	37.24 1.82 -5.63	35.86 1.80 -4.53	36.73 1.66 -8.34	35.50 1.61 -7.88	35.26 1.43 -10.71	34.10 1.44 -10.23	35.76 1.28 -14.77	37.02 1.19 -17.79	43.47 1.57 -18.04	42.63 1.56 -17.05	43.99 1.93 -11.49	45.66 1.86 -13.84	36.21 2.07 -1.76	33.26 1.73 -3.59	29.96 1.31 -6.47
MILLWOOD_13_KV_LOAD 356217	30.70 1.74 0.00	28.11 1.48 -1.19	26.47 1.37 -1.00	25.37 1.29 -2.26	26.26 1.32 -2.51	26.22 1.29 -2.24	28.04 1.20 -5.73	29.10 1.64 -0.95	33.22 2.00 0.00	37.30 1.88 -5.63	35.91 1.86 -4.53	36.81 1.74 -8.34	35.56 1.67 -7.88	35.33 1.50 -10.71	34.14 1.48 -10.23	35.82 1.34 -14.77	37.07 1.24 -17.79	43.54 1.65 -18.04	42.68 1.61 -17.05	44.05 1.99 -11.49	45.72 1.92 -13.84	36.27 2.14 -1.76	33.32 1.79 -3.59	30.00 1.35 -6.47
MODEL_CITY_ENERGY 24167	26.24 -2.72 0.00	23.03 -2.60 -0.18	21.74 -2.51 -0.15	20.05 -2.12 -0.35	20.59 -2.22 -0.39	20.62 -2.41 -0.34	19.79 -2.20 -0.88	23.79 -2.86 -0.15	27.38 -3.84 0.00	26.69 -3.96 -0.86	26.21 -4.02 -0.69	24.48 -3.53 -1.28	24.02 -3.20 -1.21	21.91 -2.84 -1.64	21.29 -2.72 -1.57	19.61 -2.37 -2.27	18.70 -2.07 -2.73	23.76 -2.86 -2.77	23.75 -2.88 -2.62	29.04 -3.30 -1.76	29.00 -3.09 -2.13	29.22 -3.43 -0.27	25.89 -2.60 -0.55	21.20 -1.97 -0.99
MODERN_LFGE___ 323580	26.24 -2.72 0.00	23.03 -2.60 -0.18	21.74 -2.51 -0.15	20.05 -2.12 -0.35	20.59 -2.22 -0.39	20.62 -2.41 -0.34	19.79 -2.20 -0.88	23.79 -2.86 -0.15	27.38 -3.84 0.00	26.69 -3.96 -0.86	26.21 -4.02 -0.69	24.48 -3.53 -1.28	24.02 -3.20 -1.21	21.91 -2.84 -1.64	21.29 -2.72 -1.57	19.61 -2.37 -2.27	18.70 -2.07 -2.73	23.76 -2.86 -2.77	23.75 -2.88 -2.62	29.04 -3.30 -1.76	29.00 -3.09 -2.13	29.22 -3.43 -0.27	25.89 -2.60 -0.55	21.20 -1.97 -0.99
MOHAWK_PAPER___DRP 24187	30.12 1.16 0.00	27.86 0.94 -1.47	26.22 0.89 -1.23	25.42 0.81 -2.80	26.36 0.83 -3.10	26.29 0.84 -2.76	28.99 0.80 -7.08	28.74 1.06 -1.18	32.53 1.31 0.00	37.94 1.19 -6.95	36.30 1.18 -5.59	38.10 1.07 -10.30	36.84 1.09 -9.73	37.32 0.97 -13.24	35.99 0.92 -12.63	38.77 0.81 -18.25	40.73 0.72 -21.97	47.07 0.93 -22.29	46.04 0.96 -21.06	45.99 1.22 -14.19	48.28 1.23 -17.10	35.81 1.26 -2.17	33.52 1.15 -4.43	31.06 0.89 -7.99
MOHICAN___35_KV_115KV_LD 80490	30.73 1.77 0.00	28.45 1.50 -1.50	26.78 1.42 -1.26	25.92 1.24 -2.86	26.87 1.28 -3.17	26.82 1.32 -2.82	29.63 1.29 -7.23	29.40 1.70 -1.20	33.31 2.09 0.00	38.95 2.06 -7.10	37.31 2.07 -5.71	39.10 1.84 -10.52	37.77 1.82 -9.94	38.27 1.64 -13.52	36.80 1.46 -12.90	39.61 1.26 -18.64	41.62 1.14 -22.44	48.09 1.48 -22.76	47.04 1.51 -21.51	47.15 2.08 -14.50	49.61 2.19 -17.46	36.77 2.17 -2.22	34.37 1.90 -4.53	31.83 1.49 -8.16
MONGAUP___HYD 23641	30.41 1.45 0.00	27.78 1.25 -1.09	26.17 1.16 -0.92	24.97 1.07 -2.08	25.85 1.12 -2.31	25.81 1.07 -2.06	27.39 1.01 -5.27	28.65 1.27 -0.88	32.72 1.50 0.00	36.31 1.34 -5.17	34.99 1.30 -4.16	35.57 1.17 -7.67	34.40 1.14 -7.24	33.98 1.02 -9.85	32.85 1.01 -9.40	34.20 0.91 -13.59	35.26 0.87 -16.36	41.61 1.17 -16.59	40.97 1.27 -15.68	42.68 1.53 -10.57	44.22 1.53 -12.74	35.58 1.59 -1.62	32.64 1.40 -3.30	29.27 1.13 -5.95
MONTAUK___DIESEL 23721	31.42 2.46 0.00	28.53 1.88 -1.21	26.74 1.64 -1.00	25.67 1.57 -2.28	26.41 1.46 -2.53	26.52 1.59 -2.25	28.37 1.50 -5.77	29.96 2.49 -0.96	34.00 2.78 0.00	37.78 2.32 -5.66	36.04 1.95 -4.56	36.92 1.79 -8.40	35.61 1.67 -7.93	35.36 1.46 -10.79	34.48 1.75 -10.30	36.40 1.75 -14.93	38.30 1.71 -18.54	44.45 2.43 -18.16	43.44 2.26 -17.16	45.05 2.90 -11.57	46.59 2.70 -13.93	36.78 2.62 -1.78	33.81 2.26 -3.61	30.27 1.58 -6.51
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.57 -1.39 0.00	24.08 -1.58 -0.21	22.76 -1.52 -0.18	21.03 -1.20 -0.41	21.58 -1.30 -0.45	21.52 -1.57 -0.40	20.66 -1.48 -1.03	24.66 -2.01 -0.17	28.69 -2.53 0.00	27.50 -3.31 -1.02	26.80 -3.54 -0.82	25.00 -3.23 -1.50	24.39 -3.04 -1.42	22.27 -2.77 -1.93	21.54 -2.74 -1.85	19.97 -2.40 -2.67	19.17 -2.07 -3.21	24.24 -2.86 -3.26	24.24 -2.86 -3.08	29.44 -3.21 -2.07	29.43 -3.03 -2.50	29.43 -3.27 -0.32	26.10 -2.49 -0.65	21.51 -1.84 -1.17

MORRIS_RIDGE___SOLAR 323848	27.43 -1.54 0.00	24.08 -1.60 -0.24	22.78 -1.52 -0.20	21.05 -1.22 -0.46	21.65 -1.28 -0.50	21.73 -1.41 -0.45	20.99 -1.27 -1.15	24.92 -1.78 -0.19	28.91 -2.31 0.00	28.12 -2.80 -1.13	27.46 -2.98 -0.91	25.68 -2.73 -1.67	25.02 -2.58 -1.58	22.88 -2.38 -2.15	22.13 -2.36 -2.05	20.61 -2.07 -2.97	19.79 -1.82 -3.57	25.11 -2.36 -3.62	25.19 -2.26 -3.43	30.38 -2.51 -2.31	30.43 -2.31 -2.78	30.21 -2.53 -0.35	26.65 -2.01 -0.72	22.09 -1.40 -1.30
MORTIMER_115KV_TB3 55949	27.72 -1.25 0.00	24.50 -1.09 -0.15	23.14 -1.08 -0.12	21.18 -0.92 -0.28	21.79 -0.94 -0.31	21.92 -1.04 -0.28	20.85 -0.97 -0.71	25.32 -1.30 -0.12	29.34 -1.87 0.00	28.73 -1.76 -0.70	28.29 -1.80 -0.56	26.25 -1.52 -1.04	25.62 -1.38 -0.98	23.26 -1.18 -1.33	22.56 -1.14 -1.27	20.58 -0.97 -1.84	19.40 -0.85 -2.21	24.97 -1.12 -2.24	24.96 -1.18 -2.12	30.75 -1.25 -1.43	30.57 -1.11 -1.72	31.34 -1.26 -0.22	27.41 -0.98 -0.45	22.21 -0.78 -0.80
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.84 1.88 0.00	28.25 1.60 -1.21	26.59 1.49 -1.00	25.47 1.37 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.18 1.31 -5.77	29.24 1.78 -0.96	33.37 2.15 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.99 1.87 -8.39	35.74 1.80 -7.92	35.48 1.59 -10.78	34.34 1.62 -10.29	35.99 1.42 -14.86	37.25 1.32 -17.90	43.74 1.74 -18.15	42.88 1.71 -17.15	44.25 2.11 -11.56	45.89 2.01 -13.92	36.45 2.30 -1.77	33.45 1.90 -3.61	30.13 1.44 -6.50
MUNSVILLE_WIND_PWR 323609	30.03 1.07 0.00	26.68 0.87 -0.37	25.15 0.75 -0.31	23.24 0.72 -0.70	24.01 0.81 -0.78	24.22 0.84 -0.69	23.75 0.87 -1.77	28.07 1.27 -0.30	32.93 1.72 0.00	33.08 1.55 -1.74	32.32 1.39 -1.40	30.46 1.15 -2.58	29.42 0.96 -2.44	27.28 0.86 -3.32	26.50 0.90 -3.17	25.05 0.77 -4.58	24.25 0.70 -5.51	30.39 0.95 -5.59	30.43 1.13 -5.28	35.48 1.34 -3.56	35.56 1.32 -4.29	34.38 1.46 -0.54	30.22 1.17 -1.11	24.99 0.80 -2.00
N SALMON___HYD 24042	28.62 -0.35 0.00	25.19 -0.25 0.00	23.90 -0.19 0.00	21.60 -0.22 0.00	22.24 -0.18 0.00	22.53 -0.16 0.00	20.86 -0.25 0.00	26.24 -0.27 0.00	31.16 -0.06 0.00	29.94 0.15 0.00	29.71 0.18 0.00	26.76 0.03 0.00	26.02 0.00 0.00	22.95 -0.16 0.00	22.17 -0.27 0.00	19.43 -0.28 0.00	17.70 -0.34 0.00	23.44 -0.41 0.00	23.59 -0.43 0.00	30.00 -0.58 0.00	29.09 -0.87 0.00	31.38 -1.00 0.00	26.96 -0.98 0.00	21.50 -0.69 0.00
N.AKRON__115KV_KNAPP 355671	27.05 -1.91 0.00	23.76 -1.86 -0.18	22.44 -1.81 -0.15	20.65 -1.51 -0.33	21.20 -1.59 -0.37	21.27 -1.75 -0.33	20.33 -1.63 -0.84	24.50 -2.15 -0.14	28.28 -2.93 0.00	27.58 -3.04 -0.83	27.06 -3.13 -0.67	25.26 -2.70 -1.23	24.73 -2.45 -1.16	22.52 -2.17 -1.58	21.86 -2.09 -1.51	20.09 -1.79 -2.18	19.11 -1.55 -2.62	24.39 -2.12 -2.66	24.37 -2.16 -2.51	29.92 -2.35 -1.69	29.84 -2.16 -2.04	30.27 -2.36 -0.26	26.68 -1.79 -0.53	21.76 -1.38 -0.95
N.BELMOR_69_KV_BK1 55787	31.28 2.32 0.00	28.48 1.83 -1.21	26.74 1.64 -1.00	25.62 1.53 -2.28	26.45 1.50 -2.53	26.50 1.57 -2.25	28.33 1.46 -5.77	29.72 2.25 -0.96	33.84 2.62 0.00	37.87 2.41 -5.66	36.37 2.27 -4.57	37.19 2.06 -8.40	35.93 1.98 -7.94	35.68 1.78 -10.79	34.55 1.82 -10.30	36.28 1.62 -14.96	38.32 1.48 -18.80	44.04 2.03 -18.17	43.18 1.99 -17.17	44.66 2.51 -11.57	46.32 2.43 -13.94	36.81 2.66 -1.78	34.01 2.46 -3.61	30.33 1.64 -6.51
N.E_GEN_SANDY PD 24062	30.38 1.42 0.00	27.99 1.20 -1.35	26.35 1.13 -1.12	25.42 1.05 -2.56	26.33 1.08 -2.83	26.28 1.07 -2.52	28.56 0.99 -6.46	36.80 1.32 -8.97	39.00 1.59 -6.19	40.18 1.49 -8.90	36.90 1.48 -5.90	37.50 1.36 -9.40	37.50 1.33 -10.16	36.37 1.18 -12.09	38.30 1.17 -14.70	37.40 1.02 -16.67	40.60 0.96 -21.61	49.47 1.26 -24.36	48.00 1.25 -22.73	51.29 1.74 -18.97	49.27 1.71 -17.61	41.70 1.84 -7.48	34.60 1.62 -5.04	30.79 1.24 -7.36
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.61 1.65 0.00	28.00 1.40 -1.16	26.39 1.33 -0.97	25.27 1.24 -2.21	26.15 1.28 -2.45	26.13 1.27 -2.18	27.87 1.18 -5.58	29.02 1.59 -0.93	33.12 1.90 0.00	37.09 1.82 -5.48	35.71 1.77 -4.41	36.51 1.66 -8.12	35.27 1.59 -7.67	34.98 1.43 -10.43	33.81 1.41 -9.96	35.36 1.26 -14.39	36.52 1.15 -17.32	42.97 1.55 -17.57	42.16 1.54 -16.61	43.66 1.90 -11.19	45.27 1.83 -13.48	36.10 2.01 -1.71	33.14 1.70 -3.49	29.77 1.29 -6.30
N.QUEENS_27_KV_LOAD 356247	30.73 1.77 0.00	28.18 1.53 -1.21	26.50 1.40 -1.00	25.38 1.29 -2.28	26.30 1.35 -2.53	26.25 1.32 -2.25	28.12 1.25 -5.76	29.16 1.70 -0.96	33.28 2.06 0.00	37.39 1.94 -5.66	35.97 1.89 -4.55	36.91 1.79 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.27 1.55 -10.29	35.95 1.38 -14.86	37.18 1.24 -17.89	43.69 1.69 -18.15	42.83 1.66 -17.15	44.15 2.02 -11.56	45.80 1.92 -13.92	36.32 2.17 -1.77	33.34 1.79 -3.61	30.02 1.33 -6.50
N.TROY___115KV_TB1 355778	30.27 1.30 0.00	27.99 1.07 -1.48	26.35 1.01 -1.24	25.55 0.92 -2.81	26.46 0.92 -3.12	26.42 0.95 -2.78	29.13 0.91 -7.12	28.88 1.19 -1.18	32.68 1.47 0.00	38.18 1.40 -6.99	36.54 1.39 -5.62	38.35 1.26 -10.36	37.05 1.25 -9.78	37.53 1.11 -13.31	36.17 1.03 -12.70	38.97 0.91 -18.35	40.97 0.83 -22.10	47.36 1.10 -22.41	46.31 1.10 -21.18	46.41 1.56 -14.27	48.74 1.59 -17.19	36.21 1.65 -2.18	33.85 1.45 -4.46	31.33 1.11 -8.03
NARROWS_GT1_1 24228	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT1_2 24229	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT1_3 24230	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT1_4 24231	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52

NARROWS_GT1_5 24232	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT1_6 24233	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT1_7 24234	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT1_8 24235	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT2_1 24236	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT2_2 24237	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT2_3 24238	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT2_4 24239	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT2_5 24240	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT2_6 24241	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT2_7 24242	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NARROWS_GT2_8 24243	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.73 1.64 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.88 2.72 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.32 1.36 0.00	27.55 0.71 -1.40	25.92 0.65 -1.17	25.04 0.57 -2.66	25.98 0.61 -2.95	25.90 0.59 -2.62	28.42 0.59 -6.72	28.34 0.72 -1.12	32.53 1.31 0.00	37.14 0.74 -6.60	35.55 0.71 -5.31	37.10 0.59 -9.78	35.85 0.60 -9.24	36.21 0.53 -12.57	34.90 0.47 -11.99	37.43 0.39 -17.33	39.28 0.38 -20.86	45.56 0.55 -21.16	44.69 0.67 -20.00	44.85 0.80 -13.48	47.06 0.87 -16.23	35.22 0.78 -2.06	32.96 0.81 -4.21	30.44 0.67 -7.58
NCHELSEA_115KV_TR2 355582	30.67 1.71 0.00	28.09 1.45 -1.20	26.47 1.37 -1.00	25.36 1.27 -2.28	26.25 1.30 -2.53	26.21 1.27 -2.25	28.08 1.20 -5.77	29.03 1.56 -0.96	33.12 1.90 0.00	37.22 1.76 -5.66	35.83 1.74 -4.56	36.70 1.58 -8.39	35.48 1.53 -7.93	35.26 1.36 -10.79	34.07 1.35 -10.29	35.76 1.18 -14.87	37.06 1.12 -17.90	43.49 1.48 -18.16	42.69 1.51 -17.16	43.98 1.83 -11.56	45.72 1.83 -13.93	36.09 1.94 -1.77	33.26 1.70 -3.61	30.03 1.33 -6.51
NEG CAPITAL___MECHNVIL 23645	30.52 1.56 0.00	28.29 1.35 -1.50	26.60 1.25 -1.25	25.77 1.11 -2.84	26.72 1.14 -3.15	26.67 1.18 -2.81	29.44 1.14 -7.19	29.18 1.48 -1.20	33.03 1.81 0.00	38.64 1.79 -7.06	36.98 1.77 -5.68	38.80 1.60 -10.46	37.49 1.59 -9.88	37.97 1.41 -13.45	36.57 1.30 -12.83	39.37 1.12 -18.54	41.39 1.03 -22.32	47.81 1.31 -22.64	46.76 1.34 -21.40	46.82 1.87 -14.38	49.20 1.92 -17.32	36.52 1.94 -2.20	34.16 1.73 -4.49	31.61 1.33 -8.09

NEG CENTRAL_HIGH_ACRES 23767	27.49 -1.48 0.00	24.29 -1.30 -0.14	22.99 -1.23 -0.12	21.02 -1.07 -0.27	21.60 -1.12 -0.30	21.75 -1.20 -0.27	20.68 -1.12 -0.69	25.14 -1.48 -0.11	29.22 -2.00 0.00	28.62 -1.85 -0.68	28.21 -1.86 -0.54	26.13 -1.60 -1.00	25.48 -1.48 -0.95	23.10 -1.29 -1.29	22.41 -1.26 -1.23	20.42 -1.06 -1.77	19.24 -0.94 -2.14	24.78 -1.24 -2.17	24.77 -1.30 -2.05	30.49 -1.47 -1.38	30.30 -1.32 -1.66	31.13 -1.46 -0.21	27.17 -1.20 -0.43	21.99 -0.98 -0.78
NEG CENTRAL___DRP 24199	28.59 -0.38 0.00	25.19 -0.41 -0.16	23.87 -0.36 -0.13	21.83 -0.28 -0.30	22.42 -0.34 -0.33	22.62 -0.36 -0.29	21.59 -0.27 -0.76	26.18 -0.45 -0.13	30.66 -0.56 0.00	29.85 -0.69 -0.74	29.44 -0.68 -0.60	27.22 -0.61 -1.10	26.46 -0.60 -1.04	24.01 -0.51 -1.41	23.29 -0.49 -1.35	21.24 -0.41 -1.95	20.04 -0.34 -2.34	25.80 -0.43 -2.38	25.88 -0.38 -2.25	31.69 -0.40 -1.51	31.48 -0.30 -1.82	32.29 -0.32 -0.23	28.10 -0.31 -0.47	22.82 -0.22 -0.85
NEG CENTRAL___INDECK 23768	28.38 -0.58 0.00	25.04 -0.61 -0.21	23.69 -0.58 -0.17	21.78 -0.44 -0.40	22.39 -0.47 -0.44	22.53 -0.54 -0.39	21.60 -0.51 -1.00	25.85 -0.82 -0.17	29.94 -1.28 0.00	29.26 -1.52 -0.98	28.58 -1.74 -0.79	26.64 -1.55 -1.45	25.91 -1.48 -1.37	23.62 -1.36 -1.87	22.90 -1.32 -1.78	21.14 -1.14 -2.58	20.20 -0.94 -3.10	25.90 -1.10 -3.15	25.99 -1.01 -2.98	31.73 -0.86 -2.01	31.71 -0.66 -2.42	32.00 -0.68 -0.31	27.98 -0.59 -0.63	22.96 -0.36 -1.13
NEG CENTRAL___SENECA 23627	28.56 -0.41 0.00	25.18 -0.43 -0.17	23.83 -0.41 -0.15	21.84 -0.31 -0.33	22.43 -0.36 -0.37	22.63 -0.39 -0.33	21.65 -0.30 -0.84	26.14 -0.50 -0.14	30.56 -0.66 0.00	29.78 -0.83 -0.82	29.33 -0.86 -0.66	27.18 -0.78 -1.22	26.44 -0.73 -1.15	24.03 -0.65 -1.57	23.28 -0.65 -1.49	21.34 -0.53 -2.16	20.19 -0.45 -2.60	25.96 -0.52 -2.64	26.01 -0.50 -2.49	31.77 -0.49 -1.68	31.62 -0.36 -2.02	32.25 -0.39 -0.26	28.10 -0.36 -0.52	22.89 -0.24 -0.94
NEG CENTRAL___STATE_STREET 24147	28.73 -0.23 0.00	25.37 -0.23 -0.15	24.01 -0.22 -0.13	21.94 -0.17 -0.29	22.55 -0.20 -0.32	22.77 -0.20 -0.29	21.70 -0.15 -0.74	26.39 -0.24 -0.12	30.94 -0.28 0.00	30.19 -0.33 -0.72	29.78 -0.32 -0.58	27.48 -0.32 -1.07	26.74 -0.29 -1.01	24.26 -0.23 -1.38	23.55 -0.20 -1.32	21.45 -0.16 -1.90	20.20 -0.13 -2.29	26.05 -0.12 -2.32	26.09 -0.12 -2.19	31.93 -0.12 -1.48	31.71 -0.03 -1.78	32.57 -0.03 -0.23	28.29 -0.11 -0.46	22.93 -0.09 -0.83
NEG MILLWOOD___DRP 24198	30.82 1.85 0.00	28.23 1.58 -1.21	26.58 1.47 -1.01	25.47 1.35 -2.30	26.39 1.41 -2.55	26.34 1.38 -2.27	28.22 1.29 -5.82	29.20 1.72 -0.97	33.37 2.15 0.00	37.54 2.03 -5.72	36.13 2.01 -4.60	37.05 1.84 -8.47	35.79 1.77 -8.00	35.57 1.57 -10.89	34.37 1.55 -10.39	36.10 1.38 -15.01	37.43 1.32 -18.07	43.90 1.72 -18.33	43.05 1.71 -17.32	44.30 2.05 -11.67	46.09 2.07 -14.06	36.37 2.20 -1.78	33.49 1.90 -3.65	30.22 1.46 -6.57
NEG NORTH_FLCN_SEA 23793	28.79 -0.17 0.00	25.32 -0.13 0.00	24.07 -0.02 0.00	21.73 -0.09 0.00	22.36 -0.07 0.00	22.62 -0.07 0.00	20.94 -0.17 0.00	26.37 -0.13 0.00	31.31 0.09 0.00	30.12 0.33 0.00	29.91 0.38 0.00	26.97 0.24 0.00	26.20 0.18 0.00	23.13 0.02 0.00	22.32 -0.11 0.00	19.55 -0.16 0.00	17.79 -0.25 0.00	23.54 -0.31 0.00	23.68 -0.34 0.00	30.09 -0.49 0.00	29.21 -0.75 0.00	31.47 -0.91 0.00	27.07 -0.87 0.00	21.59 -0.60 0.00
NEG NORTH_KES_CHATEGAY 23792	28.56 -0.41 0.00	25.14 -0.31 0.00	23.86 -0.24 0.00	21.56 -0.26 0.00	22.15 -0.27 0.00	22.44 -0.25 0.00	20.77 -0.34 0.00	26.16 -0.34 0.00	31.03 -0.19 0.00	29.85 0.06 0.00	29.62 0.09 0.00	26.68 -0.05 0.00	25.94 -0.08 0.00	22.90 -0.21 0.00	22.12 -0.31 0.00	19.37 -0.34 0.00	17.64 -0.40 0.00	23.35 -0.50 0.00	23.47 -0.55 0.00	29.81 -0.76 0.00	28.94 -1.02 0.00	31.18 -1.20 0.00	26.82 -1.12 0.00	21.39 -0.80 0.00
NEG NORTH___ALICE_FALLS 23915	28.82 -0.14 0.00	25.34 -0.10 0.00	24.07 -0.02 0.00	21.75 -0.07 0.00	22.38 -0.04 0.00	22.64 -0.05 0.00	20.98 -0.13 0.00	26.43 -0.08 0.00	31.37 0.16 0.00	30.21 0.42 0.00	29.97 0.44 0.00	27.00 0.27 0.00	26.22 0.21 0.00	23.16 0.05 0.00	22.35 -0.09 0.00	19.57 -0.14 0.00	17.80 -0.23 0.00	23.59 -0.26 0.00	23.71 -0.31 0.00	30.18 -0.40 0.00	29.27 -0.69 0.00	31.54 -0.84 0.00	27.10 -0.84 0.00	21.61 -0.58 0.00
NEG NORTH___LWR_SARANAC 23913	28.82 -0.14 0.00	25.34 -0.10 0.00	24.07 -0.02 0.00	21.75 -0.07 0.00	22.38 -0.04 0.00	22.64 -0.05 0.00	20.98 -0.13 0.00	26.43 -0.08 0.00	31.37 0.16 0.00	30.21 0.42 0.00	29.97 0.44 0.00	27.00 0.27 0.00	26.22 0.21 0.00	23.16 0.05 0.00	22.35 -0.09 0.00	19.57 -0.14 0.00	17.80 -0.23 0.00	23.59 -0.26 0.00	23.71 -0.31 0.00	30.18 -0.40 0.00	29.27 -0.69 0.00	31.54 -0.84 0.00	27.10 -0.84 0.00	21.61 -0.58 0.00
NEG NORTH___PLATTSBURG 23628	28.82 -0.14 0.00	25.34 -0.10 0.00	24.07 -0.02 0.00	21.75 -0.07 0.00	22.38 -0.04 0.00	22.64 -0.05 0.00	20.98 -0.13 0.00	26.43 -0.08 0.00	31.37 0.16 0.00	30.21 0.42 0.00	29.97 0.44 0.00	27.00 0.27 0.00	26.22 0.21 0.00	23.16 0.05 0.00	22.35 -0.09 0.00	19.57 -0.14 0.00	17.80 -0.24 0.00	23.59 -0.26 0.00	23.71 -0.31 0.00	30.18 -0.40 0.00	29.27 -0.69 0.00	31.54 -0.84 0.00	27.10 -0.84 0.00	21.61 -0.58 0.00
NEG WEST_LEA_LOCKPORT 23791	26.53 -2.43 0.00	23.28 -2.34 -0.18	21.98 -2.27 -0.15	20.26 -1.90 -0.34	20.81 -2.00 -0.38	20.83 -2.20 -0.34	19.97 -2.01 -0.87	24.03 -2.62 -0.14	27.69 -3.53 0.00	26.95 -3.69 -0.86	26.47 -3.75 -0.69	24.71 -3.29 -1.27	24.25 -2.97 -1.20	22.10 -2.63 -1.63	21.48 -2.51 -1.55	19.77 -2.19 -2.25	18.83 -1.91 -2.70	23.95 -2.65 -2.74	23.95 -2.67 -2.59	29.30 -3.03 -1.75	29.25 -2.82 -2.10	29.51 -3.14 -0.27	26.14 -2.35 -0.55	21.39 -1.77 -0.98
NEG WEST___LANCASTER 23811	26.93 -2.03 0.00	23.14 -2.52 -0.21	21.84 -2.43 -0.18	20.17 -2.05 -0.40	20.72 -2.15 -0.45	20.75 -2.34 -0.40	20.00 -2.13 -1.02	23.87 -2.81 -0.17	28.35 -2.87 0.00	26.92 -3.87 -1.00	26.41 -3.93 -0.81	24.74 -3.48 -1.48	24.22 -3.20 -1.40	22.17 -2.84 -1.91	21.52 -2.74 -1.82	19.94 -2.40 -2.63	19.08 -2.13 -3.17	24.15 -2.91 -3.21	24.15 -2.91 -3.04	29.26 -3.36 -2.05	29.28 -3.15 -2.46	29.23 -3.46 -0.31	25.84 -2.74 -0.64	21.30 -2.04 -1.15
NEG_PENN_ALLEGHNY 23528	28.90 -0.06 0.00	25.65 -0.18 -0.38	24.25 -0.17 -0.32	22.44 -0.11 -0.73	23.10 -0.13 -0.81	23.23 -0.18 -0.72	22.85 -0.11 -1.85	26.60 -0.21 -0.31	31.00 -0.22 0.00	31.22 -0.39 -1.82	30.58 -0.41 -1.46	29.08 -0.35 -2.69	28.25 -0.31 -2.55	26.32 -0.25 -3.46	25.49 -0.25 -3.30	24.27 -0.22 -4.77	23.62 -0.16 -5.75	29.44 -0.24 -5.83	29.34 -0.19 -5.51	34.11 -0.18 -3.71	34.31 -0.12 -4.47	32.82 -0.13 -0.57	28.99 -0.11 -1.16	24.21 -0.07 -2.09
NEG___GEN_MONROE 24207	27.54 -1.42 0.00	24.30 -1.30 -0.15	22.99 -1.23 -0.13	21.08 -1.03 -0.28	21.69 -1.05 -0.32	21.81 -1.16 -0.28	20.73 -1.10 -0.72	25.14 -1.48 -0.12	29.09 -2.12 0.00	28.41 -2.09 -0.71	27.94 -2.16 -0.57	25.91 -1.87 -1.05	25.31 -1.69 -0.99	23.00 -1.46 -1.35	22.33 -1.39 -1.28	20.36 -1.20 -1.85	19.21 -1.06 -2.23	24.68 -1.43 -2.27	24.72 -1.44 -2.14	30.49 -1.53 -1.44	30.32 -1.38 -1.74	31.05 -1.55 -0.22	27.22 -1.17 -0.45	22.13 -0.87 -0.81

NEPA___ENERGY 23901	27.63 -1.33 0.00	24.13 -1.53 -0.22	22.81 -1.47 -0.18	21.05 -1.18 -0.41	21.60 -1.28 -0.46	21.64 -1.45 -0.41	20.84 -1.31 -1.04	24.90 -1.78 -0.17	29.00 -2.22 0.00	28.02 -2.80 -1.03	27.43 -2.92 -0.82	25.66 -2.59 -1.52	25.11 -2.34 -1.43	22.96 -2.10 -1.95	22.28 -2.02 -1.86	20.63 -1.77 -2.69	19.73 -1.55 -3.24	25.01 -2.12 -3.29	25.01 -2.11 -3.11	30.32 -2.35 -2.09	30.32 -2.16 -2.52	30.30 -2.40 -0.32	26.81 -1.79 -0.65	22.05 -1.31 -1.18
NEVERSINK___HYD 23608	30.38 1.42 0.00	27.73 1.20 -1.09	26.12 1.11 -0.91	24.91 1.03 -2.07	25.82 1.10 -2.29	25.77 1.04 -2.04	27.31 0.97 -5.23	28.65 1.27 -0.87	32.75 1.53 0.00	36.36 1.43 -5.14	35.02 1.36 -4.13	35.60 1.26 -7.61	34.41 1.20 -7.19	33.96 1.06 -9.79	32.85 1.08 -9.34	34.13 0.93 -13.49	35.17 0.88 -16.25	41.52 1.19 -16.48	40.86 1.27 -15.57	42.58 1.50 -10.50	44.11 1.50 -12.65	35.57 1.59 -1.61	32.62 1.40 -3.28	29.18 1.09 -5.91
NEWKRMKL_115KV_TB1 55635	29.83 0.87 0.00	27.63 0.71 -1.47	26.00 0.67 -1.23	25.22 0.61 -2.79	26.15 0.63 -3.10	26.08 0.64 -2.76	28.77 0.59 -7.07	28.48 0.80 -1.18	32.22 1.00 0.00	37.63 0.89 -6.94	36.00 0.89 -5.59	37.79 0.78 -10.28	36.54 0.81 -9.72	37.04 0.72 -13.22	35.75 0.70 -12.62	38.53 0.59 -18.23	40.51 0.52 -21.95	46.78 0.67 -22.26	45.73 0.67 -21.04	45.61 0.86 -14.17	47.90 0.87 -17.08	35.42 0.87 -2.17	33.23 0.87 -4.43	30.81 0.64 -7.98
NEWTON___FALLS_HYD 23847	27.92 -1.04 0.00	24.64 -0.84 -0.03	23.31 -0.82 -0.03	21.10 -0.79 -0.07	21.73 -0.76 -0.07	22.02 -0.73 -0.06	20.56 -0.72 -0.17	25.66 -0.87 -0.03	30.28 -0.94 0.00	28.94 -1.01 -0.16	28.62 -1.03 -0.13	25.93 -1.04 -0.24	25.18 -1.07 -0.23	22.42 -0.99 -0.31	21.77 -0.96 -0.30	19.31 -0.83 -0.43	17.79 -0.76 -0.51	23.44 -0.93 -0.52	23.65 -0.86 -0.49	29.78 -1.13 -0.33	29.16 -1.20 -0.40	31.14 -1.30 -0.05	26.87 -1.17 -0.10	21.40 -0.98 -0.19
NGRID_A1_DSASP 323792	26.18 -2.78 0.00	23.03 -2.60 -0.18	21.74 -2.51 -0.15	20.05 -2.12 -0.35	20.57 -2.24 -0.39	20.60 -2.43 -0.35	19.80 -2.20 -0.89	23.79 -2.86 -0.15	27.31 -3.90 0.00	26.67 -3.99 -0.87	26.21 -4.02 -0.70	24.49 -3.53 -1.29	24.06 -3.17 -1.22	21.97 -2.80 -1.66	21.35 -2.67 -1.58	19.67 -2.33 -2.28	18.75 -2.04 -2.75	23.80 -2.84 -2.79	23.82 -2.83 -2.64	29.05 -3.30 -1.78	29.04 -3.06 -2.14	29.19 -3.46 -0.27	25.90 -2.60 -0.56	21.21 -1.97 -1.00
NGRID_A2_DSASP 323793	26.18 -2.78 0.00	23.03 -2.60 -0.18	21.74 -2.51 -0.15	20.05 -2.12 -0.35	20.57 -2.24 -0.39	20.60 -2.43 -0.35	19.80 -2.20 -0.89	23.79 -2.86 -0.15	27.31 -3.90 0.00	26.67 -3.99 -0.87	26.21 -4.02 -0.70	24.49 -3.53 -1.29	24.06 -3.17 -1.22	21.97 -2.80 -1.66	21.35 -2.67 -1.58	19.67 -2.33 -2.28	18.75 -2.04 -2.75	23.80 -2.84 -2.79	23.82 -2.83 -2.64	29.05 -3.30 -1.78	29.04 -3.06 -2.14	29.19 -3.46 -0.27	25.90 -2.60 -0.56	21.21 -1.97 -1.00
NGRID_A4_DSASP 323807	26.18 -2.78 0.00	23.03 -2.60 -0.18	21.74 -2.51 -0.15	20.05 -2.12 -0.35	20.57 -2.24 -0.39	20.60 -2.43 -0.35	19.80 -2.20 -0.89	23.79 -2.86 -0.15	27.31 -3.90 0.00	26.67 -3.99 -0.87	26.21 -4.02 -0.70	24.49 -3.53 -1.29	24.06 -3.17 -1.22	21.97 -2.80 -1.66	21.35 -2.67 -1.58	19.67 -2.33 -2.28	18.75 -2.04 -2.75	23.80 -2.84 -2.79	23.82 -2.83 -2.64	29.05 -3.30 -1.78	29.04 -3.06 -2.14	29.19 -3.46 -0.27	25.90 -2.60 -0.56	21.21 -1.97 -1.00
NIAGARA_115E_LBMP 323715	26.07 -2.90 0.00	22.91 -2.72 -0.18	21.63 -2.63 -0.15	19.94 -2.23 -0.35	20.46 -2.35 -0.39	20.51 -2.52 -0.35	19.69 -2.30 -0.89	23.66 -3.00 -0.15	27.19 -4.03 0.00	26.52 -4.14 -0.87	26.07 -4.16 -0.70	24.33 -3.69 -1.29	23.91 -3.33 -1.22	21.81 -2.96 -1.66	21.19 -2.83 -1.58	19.53 -2.46 -2.29	18.63 -2.17 -2.75	23.66 -2.98 -2.79	23.66 -3.00 -2.64	28.87 -3.49 -1.78	28.84 -3.26 -2.14	29.03 -3.63 -0.27	25.76 -2.74 -0.56	21.10 -2.09 -1.00
NIAGARA_115W_LBMP 323714	26.12 -2.84 0.00	22.96 -2.67 -0.18	21.67 -2.58 -0.15	19.99 -2.18 -0.35	20.52 -2.29 -0.39	20.56 -2.47 -0.35	19.73 -2.26 -0.88	23.74 -2.92 -0.15	27.25 -3.97 0.00	26.61 -4.05 -0.87	26.15 -4.07 -0.70	24.44 -3.58 -1.29	24.00 -3.23 -1.22	21.90 -2.87 -1.65	21.30 -2.72 -1.58	19.62 -2.37 -2.28	18.69 -2.09 -2.74	23.75 -2.89 -2.78	23.74 -2.91 -2.63	28.99 -3.36 -1.77	28.95 -3.15 -2.14	29.12 -3.53 -0.27	25.84 -2.65 -0.55	21.17 -2.02 -1.00
NIAGARA_230_LBMP 323716	26.44 -2.52 0.00	23.21 -2.42 -0.18	21.91 -2.34 -0.15	20.20 -1.96 -0.35	20.74 -2.06 -0.38	20.80 -2.22 -0.34	19.95 -2.03 -0.87	24.00 -2.65 -0.15	27.60 -3.62 0.00	26.93 -3.73 -0.86	26.47 -3.75 -0.69	24.71 -3.29 -1.27	24.25 -2.97 -1.20	22.15 -2.59 -1.63	21.53 -2.47 -1.56	19.83 -2.13 -2.25	18.87 -1.88 -2.71	24.00 -2.60 -2.75	24.00 -2.62 -2.60	29.30 -3.03 -1.75	29.28 -2.79 -2.11	29.48 -3.17 -0.27	26.11 -2.37 -0.55	21.38 -1.80 -0.99
NIAGARA___115KV_198_GIBSON 55903	26.12 -2.84 0.00	22.96 -2.67 -0.18	21.67 -2.58 -0.15	19.99 -2.18 -0.35	20.52 -2.29 -0.39	20.56 -2.47 -0.35	19.73 -2.26 -0.88	23.74 -2.92 -0.15	27.25 -3.96 0.00	26.61 -4.05 -0.87	26.15 -4.07 -0.70	24.44 -3.58 -1.29	24.01 -3.23 -1.22	21.92 -2.84 -1.65	21.32 -2.69 -1.58	19.62 -2.37 -2.28	18.69 -2.09 -2.74	23.75 -2.89 -2.78	23.74 -2.91 -2.63	28.96 -3.39 -1.77	28.95 -3.15 -2.14	29.12 -3.53 -0.27	25.84 -2.65 -0.55	21.16 -2.02 -1.00
NIAGARA___ 23760	26.44 -2.52 0.00	23.21 -2.42 -0.18	21.91 -2.34 -0.15	20.20 -1.96 -0.35	20.75 -2.06 -0.39	20.81 -2.22 -0.35	19.97 -2.03 -0.88	24.00 -2.65 -0.15	27.60 -3.62 0.00	26.93 -3.73 -0.87	26.47 -3.75 -0.70	24.73 -3.29 -1.28	24.26 -2.97 -1.21	22.17 -2.59 -1.65	21.54 -2.47 -1.58	19.86 -2.13 -2.28	18.91 -1.88 -2.74	24.03 -2.60 -2.78	24.03 -2.62 -2.63	29.32 -3.03 -1.77	29.30 -2.79 -2.13	29.48 -3.17 -0.27	26.12 -2.37 -0.55	21.39 -1.80 -1.00
NINE_MILE_1 23575	28.03 -0.93 0.00	24.73 -0.79 -0.08	23.41 -0.75 -0.06	21.31 -0.65 -0.14	21.91 -0.67 -0.16	22.12 -0.70 -0.14	20.84 -0.63 -0.36	25.69 -0.87 -0.06	30.12 -1.09 0.00	29.10 -1.04 -0.35	28.78 -1.03 -0.29	26.35 -0.91 -0.53	25.63 -0.88 -0.50	23.02 -0.76 -0.67	22.34 -0.74 -0.64	20.01 -0.63 -0.93	18.58 -0.58 -1.12	24.22 -0.76 -1.14	24.32 -0.77 -1.07	30.35 -0.95 -0.72	29.93 -0.90 -0.87	31.52 -0.97 -0.11	27.33 -0.84 -0.23	21.93 -0.67 -0.41
NINE_MILE_2 23744	28.03 -0.93 0.00	24.76 -0.76 -0.07	23.44 -0.72 -0.06	21.31 -0.65 -0.14	21.91 -0.67 -0.16	22.12 -0.70 -0.14	20.84 -0.63 -0.36	25.69 -0.87 -0.06	30.16 -1.06 0.00	29.10 -1.04 -0.35	28.78 -1.03 -0.28	26.35 -0.91 -0.52	25.63 -0.88 -0.50	23.02 -0.76 -0.67	22.34 -0.74 -0.64	20.01 -0.63 -0.93	18.58 -0.58 -1.12	24.22 -0.76 -1.13	24.32 -0.77 -1.07	30.35 -0.95 -0.72	29.93 -0.90 -0.87	31.52 -0.97 -0.11	27.33 -0.84 -0.23	21.93 -0.67 -0.41
NM_CAPITAL___DRP 24208	29.95 0.98 0.00	27.72 0.81 -1.47	26.09 0.77 -1.23	25.30 0.70 -2.79	26.23 0.72 -3.09	26.16 0.73 -2.75	28.84 0.68 -7.05	28.58 0.90 -1.17	32.34 1.12 0.00	37.73 1.01 -6.93	36.10 1.00 -5.57	37.90 0.91 -10.26	36.62 0.91 -9.69	37.10 0.81 -13.19	35.80 0.79 -12.58	38.58 0.69 -18.18	40.54 0.61 -21.89	46.84 0.79 -22.20	45.79 0.79 -20.98	45.73 1.01 -14.14	47.98 0.99 -17.03	35.58 1.04 -2.16	33.33 0.98 -4.42	30.90 0.75 -7.96

NM_CENTRAL___DRP 24181	28.56 -0.41 0.00	25.19 -0.36 -0.11	23.85 -0.34 -0.09	21.74 -0.28 -0.20	22.34 -0.31 -0.23	22.55 -0.34 -0.20	21.35 -0.27 -0.52	26.17 -0.42 -0.09	30.69 -0.53 0.00	29.76 -0.54 -0.51	29.43 -0.50 -0.41	27.06 -0.43 -0.75	26.31 -0.42 -0.71	23.73 -0.35 -0.97	23.04 -0.31 -0.92	20.77 -0.28 -1.33	19.41 -0.23 -1.61	25.17 -0.31 -1.63	25.25 -0.31 -1.54	31.25 -0.37 -1.04	30.91 -0.30 -1.25	32.21 -0.32 -0.16	27.96 -0.31 -0.32	22.53 -0.24 -0.58
NM_FRONTIER___DRP 24179	26.12 -2.84 0.00	22.96 -2.67 -0.18	21.67 -2.58 -0.15	19.99 -2.18 -0.35	20.52 -2.29 -0.39	20.56 -2.47 -0.35	19.73 -2.26 -0.88	23.74 -2.92 -0.15	27.25 -3.96 0.00	26.61 -4.05 -0.87	26.15 -4.07 -0.70	24.44 -3.58 -1.29	24.01 -3.23 -1.22	21.92 -2.84 -1.65	21.32 -2.69 -1.58	19.62 -2.37 -2.28	18.69 -2.09 -2.74	23.75 -2.89 -2.78	23.74 -2.91 -2.63	28.96 -3.39 -1.77	28.95 -3.15 -2.14	29.12 -3.53 -0.27	25.84 -2.65 -0.55	21.16 -2.02 -1.00
NM_ST_REGIS___HYD 24053	28.24 -0.72 0.00	24.88 -0.56 0.00	23.59 -0.51 0.00	21.32 -0.50 0.00	21.95 -0.47 0.00	22.25 -0.43 0.00	20.52 -0.59 0.00	25.79 -0.72 0.00	30.50 -0.72 0.00	29.26 -0.54 0.00	29.00 -0.53 0.00	26.12 -0.61 0.00	25.39 -0.62 0.00	22.44 -0.67 0.00	21.72 -0.72 0.00	19.08 -0.63 0.00	17.41 -0.63 0.00	23.09 -0.76 0.00	23.23 -0.79 0.00	29.54 -1.04 0.00	28.73 -1.23 0.00	31.05 -1.33 0.00	26.71 -1.23 0.00	21.28 -0.91 0.00
NORTHPORT___1 23551	31.42 2.46 0.00	28.58 1.93 -1.21	26.81 1.71 -1.00	25.69 1.59 -2.28	26.48 1.53 -2.53	26.57 1.63 -2.25	28.41 1.54 -5.77	29.95 2.49 -0.96	34.15 2.93 0.00	37.93 2.47 -5.66	36.45 2.36 -4.56	37.22 2.09 -8.40	35.95 2.00 -7.93	35.70 1.80 -10.79	34.68 1.95 -10.30	36.38 1.73 -14.93	38.21 1.64 -18.53	44.21 2.19 -18.16	43.32 2.14 -17.16	44.94 2.78 -11.58	46.54 2.64 -13.95	36.97 2.82 -1.78	34.15 2.60 -3.61	30.43 1.73 -6.51
NORTHPORT___2 23552	31.42 2.46 0.00	28.58 1.93 -1.21	26.81 1.71 -1.00	25.69 1.59 -2.28	26.48 1.53 -2.53	26.57 1.63 -2.25	28.41 1.54 -5.77	29.95 2.49 -0.96	34.15 2.93 0.00	37.93 2.47 -5.66	36.45 2.36 -4.56	37.22 2.09 -8.40	35.95 2.00 -7.93	35.70 1.80 -10.79	34.68 1.95 -10.30	36.38 1.73 -14.93	38.21 1.64 -18.53	44.21 2.19 -18.16	43.32 2.14 -17.16	44.94 2.78 -11.58	46.54 2.64 -13.95	36.97 2.82 -1.78	34.15 2.60 -3.61	30.43 1.73 -6.51
NORTHPORT___3 23553	31.14 2.17 0.00	28.36 1.70 -1.21	26.59 1.49 -1.00	25.50 1.40 -2.28	26.30 1.35 -2.53	26.37 1.43 -2.25	28.23 1.35 -5.77	29.61 2.15 -0.96	33.81 2.59 0.00	37.75 2.29 -5.66	36.10 2.01 -4.56	36.89 1.76 -8.40	35.74 1.79 -7.93	35.54 1.64 -10.79	34.46 1.73 -10.30	36.10 1.46 -14.93	37.86 1.28 -18.54	43.68 1.67 -18.16	42.79 1.61 -17.16	44.24 2.08 -11.58	45.91 2.01 -13.95	36.55 2.40 -1.78	33.93 2.37 -3.61	30.25 1.55 -6.51
NORTHPORT___4 23650	31.14 2.17 0.00	28.36 1.70 -1.21	26.59 1.49 -1.00	25.50 1.40 -2.28	26.30 1.35 -2.53	26.37 1.43 -2.25	28.23 1.35 -5.77	29.61 2.15 -0.96	33.81 2.59 0.00	37.75 2.29 -5.66	36.10 2.01 -4.56	36.89 1.76 -8.40	35.74 1.79 -7.93	35.54 1.64 -10.79	34.46 1.73 -10.30	36.10 1.46 -14.93	37.86 1.28 -18.54	43.68 1.67 -18.16	42.79 1.61 -17.16	44.24 2.08 -11.58	45.91 2.01 -13.95	36.55 2.40 -1.78	33.93 2.37 -3.61	30.25 1.55 -6.51
NORTHPORT___IC 23718	31.42 2.46 0.00	28.58 1.93 -1.21	26.81 1.71 -1.00	25.69 1.59 -2.28	26.50 1.55 -2.53	26.57 1.63 -2.25	28.41 1.54 -5.77	29.96 2.49 -0.96	34.03 2.81 0.00	37.93 2.47 -5.66	36.45 2.36 -4.56	37.22 2.09 -8.40	35.95 2.00 -7.93	35.70 1.80 -10.79	34.64 1.91 -10.30	36.38 1.73 -14.93	38.21 1.64 -18.53	44.28 2.27 -18.16	43.37 2.19 -17.16	44.96 2.81 -11.57	46.53 2.64 -13.93	36.97 2.82 -1.78	34.15 2.60 -3.61	30.40 1.71 -6.51
NORTH___COUNTRY_ESR 323785	28.50 -0.46 0.00	25.09 -0.36 0.00	23.81 -0.29 0.00	21.51 -0.31 0.00	22.11 -0.31 0.00	22.37 -0.32 0.00	20.73 -0.38 0.00	26.11 -0.40 0.00	30.97 -0.25 0.00	29.79 0.00 0.00	29.59 0.06 0.00	26.68 -0.05 0.00	25.91 -0.10 0.00	22.88 -0.23 0.00	22.10 -0.34 0.00	19.36 -0.35 0.00	17.61 -0.43 0.00	23.30 -0.55 0.00	23.42 -0.60 0.00	29.75 -0.82 0.00	28.88 -1.08 0.00	31.12 -1.26 0.00	26.77 -1.17 0.00	21.34 -0.84 0.00
NPX_GEN_1385_PROXY 323591	31.39 2.43 0.00	28.58 1.93 -1.21	26.81 1.71 -1.00	25.69 1.59 -2.28	26.48 1.53 -2.53	26.57 1.63 -2.25	28.46 1.58 -5.77	30.38 2.92 -0.96	34.59 3.37 0.00	37.93 2.47 -5.66	36.63 2.54 -4.56	37.22 2.09 -8.40	35.95 2.00 -7.93	35.70 1.80 -10.79	34.84 2.11 -10.30	36.38 1.73 -14.93	38.34 1.77 -18.53	44.37 2.36 -18.16	43.37 2.19 -17.16	45.16 3.00 -11.58	46.54 2.64 -13.95	36.97 2.82 -1.78	34.15 2.60 -3.61	30.43 1.73 -6.51
NPX_GEN_CSC 323557	31.66 2.69 0.00	28.74 2.09 -1.21	26.93 1.83 -1.00	25.84 1.75 -2.28	26.59 1.64 -2.53	26.71 1.77 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.18 2.97 0.00	37.69 2.24 -5.66	36.22 2.13 -4.56	37.06 1.93 -8.40	35.74 1.79 -7.93	35.52 1.62 -10.79	34.73 2.00 -10.30	36.59 1.95 -14.93	38.46 1.88 -18.54	44.57 2.55 -18.16	43.63 2.45 -17.16	45.37 3.21 -11.58	46.96 3.06 -13.95	37.17 3.01 -1.78	34.24 2.68 -3.61	30.45 1.75 -6.51
NSINS_S___GLNS_FALLS 23858	30.73 1.77 0.00	28.45 1.50 -1.50	26.78 1.42 -1.26	25.92 1.24 -2.86	26.87 1.28 -3.17	26.83 1.32 -2.82	29.63 1.29 -7.23	29.40 1.70 -1.20	33.31 2.09 0.00	38.95 2.06 -7.10	37.34 2.10 -5.71	39.13 1.87 -10.52	37.81 1.85 -9.94	38.28 1.64 -13.53	36.80 1.46 -12.91	39.62 1.26 -18.65	41.65 1.15 -22.46	48.11 1.48 -22.78	47.06 1.51 -21.52	47.16 2.08 -14.50	49.62 2.19 -17.47	36.77 2.17 -2.22	34.37 1.90 -4.53	31.83 1.49 -8.16
NUCOR_STEEL___DRP 24197	28.82 -0.14 0.00	25.44 -0.15 -0.15	24.10 -0.12 -0.12	22.03 -0.07 -0.28	22.62 -0.11 -0.31	22.83 -0.14 -0.28	21.75 -0.06 -0.71	26.44 -0.19 -0.12	31.00 -0.22 0.00	30.22 -0.27 -0.69	29.85 -0.24 -0.56	27.52 -0.24 -1.03	26.78 -0.21 -0.97	24.27 -0.16 -1.32	23.54 -0.16 -1.26	21.41 -0.12 -1.82	20.14 -0.09 -2.19	25.98 -0.10 -2.23	26.05 -0.07 -2.10	31.93 -0.06 -1.42	31.70 0.03 -1.71	32.63 0.03 -0.22	28.35 -0.03 -0.44	22.96 -0.02 -0.80
NUMBER_THREE_WT_PWR 323818	28.38 -0.58 0.00	25.03 -0.46 -0.05	23.65 -0.48 -0.04	21.45 -0.46 -0.09	22.09 -0.43 -0.10	22.34 -0.43 -0.09	21.14 -0.19 -0.22	26.36 -0.18 -0.04	31.06 -0.16 0.00	29.48 -0.54 -0.22	29.11 -0.59 -0.18	26.44 -0.61 -0.32	25.64 -0.68 -0.30	22.90 -0.62 -0.41	22.29 -0.54 -0.40	19.83 -0.45 -0.57	18.33 -0.40 -0.69	24.09 -0.45 -0.70	24.34 -0.34 -0.66	30.56 -0.46 -0.44	30.01 -0.48 -0.54	31.96 -0.48 -0.07	27.58 -0.50 -0.14	21.95 -0.49 -0.25
NYISO_LBMP_REFERENCE 24008	28.96 0.00 0.00	25.44 0.00 0.00	24.10 0.00 0.00	21.82 0.00 0.00	22.42 0.00 0.00	22.69 0.00 0.00	21.11 0.00 0.00	26.51 0.00 0.00	31.22 0.00 0.00	29.79 0.00 0.00	29.53 0.00 0.00	26.73 0.00 0.00	26.02 0.00 0.00	23.11 0.00 0.00	22.44 0.00 0.00	19.71 0.00 0.00	18.04 0.00 0.00	23.85 0.00 0.00	24.02 0.00 0.00	30.58 0.00 0.00	29.96 0.00 0.00	32.38 0.00 0.00	27.94 0.00 0.00	22.19 0.00 0.00

NYPA_BRENTWD____GT 24164	31.66 2.69 0.00	28.76 2.11 -1.21	26.98 1.88 -1.00	25.84 1.75 -2.28	26.63 1.68 -2.53	26.73 1.79 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.37 3.15 0.00	38.17 2.71 -5.66	36.69 2.60 -4.56	37.45 2.32 -8.40	36.19 2.24 -7.93	35.91 2.01 -10.79	34.87 2.13 -10.30	36.58 1.93 -14.93	38.41 1.82 -18.55	44.47 2.46 -18.16	43.59 2.40 -17.16	45.28 3.12 -11.58	46.90 3.00 -13.95	37.33 3.18 -1.78	34.43 2.88 -3.61	30.61 1.91 -6.51
NYPA_GOWANUS____GT5 24156	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.75 1.66 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.84 2.69 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NYPA_GOWANUS____GT6 24157	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.75 1.66 -2.28	26.69 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.25 1.67 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.62 2.48 -11.57	46.26 2.37 -13.94	36.84 2.69 -1.78	33.82 2.26 -3.62	30.41 1.71 -6.52
NYPA_HARLEM__RVR__GT1 24160	30.72 1.77 0.01	28.17 1.53 -1.20	26.49 1.40 -0.99	25.38 1.29 -2.27	26.29 1.35 -2.52	26.24 1.32 -2.24	28.11 1.25 -5.76	29.15 1.70 -0.95	33.27 2.06 0.01	37.38 1.94 -5.65	35.96 1.89 -4.55	36.90 1.79 -8.38	35.62 1.69 -7.92	35.41 1.52 -10.77	34.24 1.53 -10.28	35.92 1.36 -14.85	37.17 1.24 -17.89	43.66 1.67 -18.14	42.80 1.63 -17.14	44.16 2.02 -11.56	45.78 1.89 -13.93	36.31 2.17 -1.76	33.33 1.79 -3.61	30.02 1.33 -6.50
NYPA_HARLEM__RVR__GT2 24161	30.72 1.77 0.01	28.17 1.53 -1.20	26.49 1.40 -0.99	25.38 1.29 -2.27	26.29 1.35 -2.52	26.24 1.32 -2.24	28.11 1.25 -5.76	29.15 1.70 -0.95	33.27 2.06 0.01	37.38 1.94 -5.65	35.96 1.89 -4.55	36.90 1.79 -8.38	35.62 1.69 -7.92	35.41 1.52 -10.77	34.24 1.53 -10.28	35.92 1.36 -14.85	37.17 1.24 -17.89	43.66 1.67 -18.14	42.80 1.63 -17.14	44.16 2.02 -11.56	45.78 1.89 -13.93	36.31 2.17 -1.76	33.33 1.79 -3.61	30.02 1.33 -6.50
NYPA_KENT____GT 24152	31.11 2.14 0.00	28.51 1.86 -1.21	26.82 1.71 -1.01	25.67 1.57 -2.28	26.59 1.64 -2.53	26.52 1.59 -2.25	28.40 1.52 -5.77	29.48 2.01 -0.96	33.63 2.40 0.00	37.75 2.29 -5.67	36.33 2.24 -4.56	37.21 2.09 -8.39	35.95 2.00 -7.93	35.70 1.80 -10.78	34.52 1.80 -10.29	36.17 1.60 -14.87	37.40 1.46 -17.90	43.96 1.96 -18.16	43.10 1.92 -17.16	44.53 2.39 -11.57	46.14 2.25 -13.94	36.74 2.59 -1.77	33.71 2.15 -3.62	30.32 1.62 -6.52
NYPA_POUCH1____GT 24155	31.20 2.23 -0.01	28.57 1.91 -1.21	26.89 1.78 -1.01	25.73 1.64 -2.28	26.64 1.68 -2.53	26.59 1.66 -2.25	28.44 1.56 -5.77	29.54 2.07 -0.97	33.66 2.44 -0.01	37.79 2.33 -5.67	36.36 2.27 -4.56	37.24 2.11 -8.39	35.98 2.03 -7.93	35.72 1.83 -10.79	34.55 1.82 -10.29	36.20 1.62 -14.87	37.42 1.48 -17.90	43.96 1.96 -18.16	43.10 1.92 -17.16	44.50 2.35 -11.57	46.11 2.22 -13.94	36.81 2.66 -1.78	33.77 2.21 -3.62	30.39 1.69 -6.52
NYPA_VERNON____GT2 24162	30.99 2.03 0.00	28.41 1.75 -1.21	26.72 1.61 -1.00	25.58 1.48 -2.28	26.50 1.55 -2.53	26.46 1.52 -2.25	28.31 1.44 -5.77	29.37 1.91 -0.96	33.53 2.31 0.00	37.63 2.17 -5.66	36.21 2.13 -4.56	37.13 2.01 -8.39	35.84 1.90 -7.92	35.60 1.71 -10.78	34.43 1.70 -10.29	36.11 1.54 -14.86	37.32 1.39 -17.90	43.86 1.86 -18.15	43.00 1.82 -17.15	44.41 2.26 -11.57	46.05 2.16 -13.94	36.61 2.46 -1.77	33.59 2.04 -3.61	30.23 1.53 -6.51
NYPA_VERNON____GT3 24163	30.99 2.03 0.00	28.41 1.75 -1.21	26.72 1.61 -1.00	25.58 1.48 -2.28	26.50 1.55 -2.53	26.46 1.52 -2.25	28.31 1.44 -5.77	29.37 1.91 -0.96	33.53 2.31 0.00	37.63 2.17 -5.66	36.21 2.13 -4.56	37.13 2.01 -8.39	35.84 1.90 -7.92	35.60 1.71 -10.78	34.43 1.70 -10.29	36.11 1.54 -14.86	37.32 1.39 -17.90	43.86 1.86 -18.15	43.00 1.82 -17.15	44.41 2.26 -11.57	46.05 2.16 -13.94	36.61 2.46 -1.77	33.59 2.04 -3.61	30.23 1.53 -6.51
NYPA__ASTORIA_CC1 323568	30.96 2.00 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.48 1.53 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.35 1.88 -0.96	33.47 2.25 0.00	37.60 2.15 -5.66	36.18 2.10 -4.55	37.10 1.98 -8.39	35.81 1.87 -7.92	35.57 1.69 -10.78	34.41 1.68 -10.29	36.07 1.50 -14.86	37.30 1.37 -17.89	43.84 1.84 -18.15	42.97 1.80 -17.15	44.38 2.23 -11.57	45.99 2.10 -13.94	36.54 2.40 -1.77	33.54 1.98 -3.61	30.21 1.51 -6.51
NYPA__ASTORIA_CC2 323569	30.96 2.00 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.56 1.46 -2.28	26.48 1.53 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.35 1.88 -0.96	33.47 2.25 0.00	37.60 2.15 -5.66	36.18 2.10 -4.55	37.10 1.98 -8.39	35.81 1.87 -7.92	35.57 1.69 -10.78	34.41 1.68 -10.29	36.07 1.50 -14.86	37.30 1.37 -17.89	43.84 1.84 -18.15	42.97 1.80 -17.15	44.38 2.23 -11.57	45.99 2.10 -13.94	36.54 2.40 -1.77	33.54 1.98 -3.61	30.21 1.51 -6.51
NYPA__HOLTSVILL 23794	31.51 2.55 0.00	28.66 2.01 -1.21	26.86 1.76 -1.00	25.78 1.68 -2.28	26.54 1.59 -2.53	26.64 1.70 -2.25	28.48 1.60 -5.77	30.01 2.54 -0.96	34.18 2.97 0.00	37.93 2.47 -5.66	36.42 2.33 -4.56	37.24 2.11 -8.40	35.95 2.00 -7.93	35.70 1.80 -10.79	34.73 2.00 -10.30	36.49 1.85 -14.93	38.33 1.75 -18.54	44.37 2.36 -18.16	43.47 2.28 -17.16	45.16 3.00 -11.58	46.75 2.85 -13.95	37.13 2.98 -1.78	34.24 2.68 -3.61	30.47 1.78 -6.51
NYPA__HELLGATE_GT1 24158	30.72 1.77 0.01	28.17 1.53 -1.20	26.49 1.40 -0.99	25.38 1.29 -2.27	26.29 1.35 -2.52	26.24 1.32 -2.24	28.11 1.25 -5.76	29.15 1.70 -0.95	33.27 2.06 0.01	37.38 1.94 -5.65	35.96 1.89 -4.55	36.90 1.79 -8.38	35.62 1.69 -7.92	35.41 1.52 -10.77	34.24 1.53 -10.28	35.92 1.36 -14.85	37.17 1.24 -17.89	43.66 1.67 -18.14	42.80 1.63 -17.14	44.16 2.02 -11.56	45.78 1.89 -13.93	36.31 2.17 -1.76	33.33 1.79 -3.61	30.02 1.33 -6.50
NYPA__HELLGATE_GT2 24159	30.72 1.77 0.01	28.17 1.53 -1.20	26.49 1.40 -0.99	25.38 1.29 -2.27	26.29 1.35 -2.52	26.24 1.32 -2.24	28.11 1.25 -5.76	29.15 1.70 -0.95	33.27 2.06 0.01	37.38 1.94 -5.65	35.96 1.89 -4.55	36.90 1.79 -8.38	35.62 1.69 -7.92	35.41 1.52 -10.77	34.24 1.53 -10.28	35.92 1.36 -14.85	37.17 1.24 -17.89	43.66 1.67 -18.14	42.80 1.63 -17.14	44.16 2.02 -11.56	45.78 1.89 -13.93	36.31 2.17 -1.76	33.33 1.79 -3.61	30.02 1.33 -6.50
NYS_BARGE__HYD 23848	26.50 -2.46 0.00	23.28 -2.34 -0.18	21.96 -2.29 -0.15	20.24 -1.92 -0.34	20.78 -2.02 -0.38	20.82 -2.20 -0.34	19.97 -2.01 -0.86	24.02 -2.62 -0.14	27.66 -3.56 0.00	26.95 -3.70 -0.85	26.46 -3.75 -0.68	24.70 -3.29 -1.26	24.24 -2.97 -1.19	22.09 -2.63 -1.62	21.47 -2.51 -1.54	19.75 -2.19 -2.23	18.79 -1.93 -2.68	23.92 -2.65 -2.72	23.93 -2.67 -2.57	29.28 -3.03 -1.73	29.23 -2.82 -2.09	29.50 -3.14 -0.27	26.13 -2.35 -0.54	21.37 -1.80 -0.98

OAK ORCHARD___HYD 24046	27.72 -1.24 0.00	24.50 -1.09 -0.15	23.14 -1.08 -0.12	21.18 -0.92 -0.28	21.80 -0.94 -0.31	21.92 -1.04 -0.28	20.85 -0.97 -0.71	25.33 -1.30 -0.12	29.35 -1.87 0.00	28.73 -1.76 -0.70	28.29 -1.80 -0.56	26.25 -1.52 -1.04	25.62 -1.38 -0.98	23.26 -1.18 -1.33	22.56 -1.14 -1.27	20.58 -0.97 -1.84	19.40 -0.85 -2.21	24.97 -1.12 -2.24	24.96 -1.18 -2.12	30.75 -1.25 -1.43	30.57 -1.11 -1.72	31.33 -1.26 -0.22	27.41 -0.98 -0.45	22.21 -0.78 -0.80
OAKDALE___35_KV_LOAD 356122	28.85 -0.12 0.00	25.60 -0.23 -0.38	24.20 -0.22 -0.32	22.39 -0.15 -0.73	23.05 -0.18 -0.81	23.20 -0.20 -0.72	22.80 -0.15 -1.84	26.57 -0.24 -0.31	30.94 -0.28 0.00	31.15 -0.45 -1.81	30.51 -0.47 -1.45	29.01 -0.40 -2.68	28.18 -0.36 -2.53	26.25 -0.30 -3.44	25.43 -0.29 -3.28	24.19 -0.26 -4.74	23.55 -0.20 -5.71	29.35 -0.29 -5.79	29.25 -0.24 -5.47	34.02 -0.24 -3.69	34.22 -0.18 -4.44	32.72 -0.23 -0.56	28.92 -0.17 -1.15	24.15 -0.11 -2.07
OCC_CHEM___DRP 24175	26.21 -2.75 0.00	23.03 -2.60 -0.18	21.75 -2.51 -0.15	20.05 -2.12 -0.35	20.57 -2.24 -0.39	20.60 -2.43 -0.35	19.80 -2.20 -0.89	23.79 -2.86 -0.15	27.32 -3.90 0.00	26.67 -3.99 -0.87	26.21 -4.02 -0.70	24.49 -3.53 -1.29	24.06 -3.17 -1.22	21.97 -2.80 -1.66	21.37 -2.65 -1.58	19.69 -2.31 -2.28	18.75 -2.04 -2.75	23.80 -2.84 -2.79	23.82 -2.83 -2.64	29.05 -3.30 -1.78	29.04 -3.06 -2.14	29.19 -3.46 -0.27	25.90 -2.60 -0.55	21.21 -1.97 -1.00
OH_GEN_PROXY 24063	26.50 -2.46 0.00	23.26 -2.37 -0.18	21.96 -2.29 -0.15	20.24 -1.92 -0.35	20.79 -2.02 -0.38	20.85 -2.18 -0.34	20.00 -1.98 -0.88	24.08 -2.57 -0.15	27.69 -3.53 0.00	25.92 -3.64 0.24	26.17 -3.66 -0.31	24.80 -3.21 -1.28	24.33 -2.89 -1.20	22.23 -2.52 -1.64	21.60 -2.40 -1.56	19.88 -2.09 -2.26	18.92 -1.84 -2.72	24.08 -2.53 -2.76	24.08 -2.55 -2.61	29.40 -2.94 -1.76	29.38 -2.70 -2.12	29.54 -3.11 -0.27	26.17 -2.32 -0.55	21.40 -1.78 -0.99
OLIN_CORP_DRP 24177	26.15 -2.81 0.00	22.96 -2.67 -0.19	21.67 -2.58 -0.16	19.99 -2.18 -0.35	20.53 -2.29 -0.39	20.56 -2.47 -0.35	19.74 -2.26 -0.89	23.71 -2.94 -0.15	27.28 -3.93 0.00	26.62 -4.05 -0.88	26.13 -4.10 -0.71	24.42 -3.61 -1.30	23.97 -3.28 -1.23	21.89 -2.89 -1.67	21.27 -2.76 -1.59	19.61 -2.40 -2.30	18.68 -2.13 -2.77	23.73 -2.93 -2.81	23.75 -2.93 -2.66	28.94 -3.42 -1.79	28.94 -3.18 -2.16	29.12 -3.53 -0.27	25.82 -2.68 -0.56	21.15 -2.04 -1.01
OLIN_CORP_DSASP 323712	26.18 -2.78 0.00	23.03 -2.60 -0.18	21.74 -2.51 -0.15	20.05 -2.12 -0.35	20.57 -2.24 -0.39	20.60 -2.43 -0.35	19.80 -2.20 -0.89	23.79 -2.86 -0.15	27.31 -3.90 0.00	26.67 -3.99 -0.87	26.21 -4.02 -0.70	24.49 -3.53 -1.29	24.06 -3.17 -1.22	21.97 -2.80 -1.66	21.35 -2.67 -1.58	19.67 -2.33 -2.28	18.75 -2.04 -2.75	23.80 -2.84 -2.79	23.82 -2.83 -2.64	29.05 -3.30 -1.78	29.04 -3.06 -2.14	29.19 -3.46 -0.27	25.90 -2.60 -0.56	21.21 -1.97 -1.00
ONEIDA_HERK_LFGE 323681	29.05 0.09 0.00	25.56 0.08 -0.04	24.18 0.05 -0.03	21.92 0.02 -0.08	22.58 0.07 -0.09	22.81 0.05 -0.08	21.46 0.15 -0.20	26.78 0.24 -0.03	31.56 0.34 0.00	30.17 0.18 -0.19	29.83 0.15 -0.16	27.10 0.08 -0.29	26.31 0.03 -0.27	23.50 0.02 -0.37	22.86 0.07 -0.35	20.28 0.06 -0.51	18.71 0.05 -0.61	24.59 0.12 -0.62	24.80 0.19 -0.59	31.19 0.22 -0.40	30.62 0.18 -0.48	32.67 0.23 -0.06	28.20 0.14 -0.12	22.45 0.04 -0.22
ONEIDA___115KV_TB4 55905	29.40 0.43 0.00	25.90 0.38 -0.07	24.50 0.34 -0.06	22.26 0.31 -0.14	22.89 0.31 -0.15	23.14 0.32 -0.14	21.80 0.34 -0.35	27.01 0.45 -0.06	31.81 0.59 0.00	30.61 0.48 -0.34	30.28 0.47 -0.28	27.64 0.40 -0.51	26.83 0.34 -0.48	24.06 0.30 -0.65	23.42 0.36 -0.62	20.93 0.32 -0.90	19.41 0.29 -1.08	25.35 0.41 -1.10	25.51 0.46 -1.04	31.86 0.58 -0.70	31.37 0.57 -0.84	33.10 0.62 -0.11	28.66 0.50 -0.22	22.91 0.33 -0.39
ONONDAGA_REF_OCCRA 23987	28.67 -0.29 0.00	25.30 -0.28 -0.13	23.94 -0.27 -0.11	21.85 -0.22 -0.25	22.46 -0.25 -0.28	22.68 -0.25 -0.25	21.56 -0.19 -0.64	26.29 -0.32 -0.11	30.84 -0.37 0.00	30.00 -0.42 -0.63	29.65 -0.38 -0.50	27.31 -0.35 -0.93	26.55 -0.34 -0.88	24.05 -0.25 -1.19	23.33 -0.25 -1.14	21.14 -0.22 -1.64	19.84 -0.18 -1.98	25.64 -0.21 -2.01	25.70 -0.22 -1.90	31.61 -0.24 -1.28	31.32 -0.18 -1.54	32.38 -0.19 -0.20	28.14 -0.20 -0.40	22.73 -0.18 -0.72
ONONDAGA___COGEN 23986	28.67 -0.29 0.00	25.31 -0.25 -0.12	23.98 -0.22 -0.10	21.86 -0.20 -0.23	22.46 -0.22 -0.26	22.69 -0.23 -0.23	21.53 -0.17 -0.59	26.31 -0.29 -0.10	30.84 -0.37 0.00	29.99 -0.39 -0.58	29.64 -0.35 -0.47	27.30 -0.29 -0.86	26.54 -0.29 -0.81	23.99 -0.23 -1.11	23.27 -0.22 -1.06	21.06 -0.18 -1.53	19.71 -0.16 -1.84	25.50 -0.21 -1.86	25.59 -0.19 -1.76	31.52 -0.24 -1.19	31.24 -0.15 -1.43	32.40 -0.16 -0.18	28.11 -0.20 -0.37	22.70 -0.16 -0.67
ONTARIO___LFGE 23819	28.56 -0.41 0.00	25.18 -0.43 -0.17	23.83 -0.41 -0.15	21.84 -0.31 -0.33	22.43 -0.36 -0.37	22.63 -0.39 -0.33	21.65 -0.30 -0.84	26.14 -0.50 -0.14	30.56 -0.66 0.00	29.78 -0.83 -0.82	29.33 -0.86 -0.66	27.18 -0.78 -1.22	26.44 -0.73 -1.15	24.03 -0.65 -1.57	23.28 -0.65 -1.49	21.34 -0.53 -2.16	20.19 -0.45 -2.60	25.96 -0.52 -2.64	26.00 -0.51 -2.49	31.77 -0.49 -1.68	31.62 -0.36 -2.02	32.25 -0.39 -0.26	28.10 -0.36 -0.52	22.89 -0.24 -0.94
ORANGEVILLE_WT_PWR 323706	27.08 -1.88 0.00	23.76 -1.91 -0.22	22.45 -1.83 -0.19	20.76 -1.48 -0.42	21.34 -1.55 -0.47	21.40 -1.70 -0.42	20.63 -1.54 -1.06	24.56 -2.12 -0.18	28.44 -2.78 0.00	27.62 -3.22 -1.05	27.00 -3.37 -0.84	25.23 -3.05 -1.55	24.62 -2.86 -1.46	22.47 -2.63 -1.99	21.76 -2.58 -1.90	20.17 -2.29 -2.75	19.32 -2.02 -3.31	24.53 -2.67 -3.35	24.59 -2.59 -3.17	29.78 -2.94 -2.14	29.80 -2.73 -2.57	29.73 -2.98 -0.33	26.29 -2.32 -0.67	21.70 -1.69 -1.20
ORANGEVILLE___ESR 323794	27.08 -1.88 0.00	23.76 -1.91 -0.22	22.45 -1.83 -0.19	20.76 -1.48 -0.42	21.34 -1.55 -0.47	21.40 -1.70 -0.42	20.63 -1.54 -1.06	24.56 -2.12 -0.18	28.44 -2.78 0.00	27.62 -3.22 -1.05	27.00 -3.37 -0.84	25.23 -3.05 -1.55	24.62 -2.86 -1.46	22.47 -2.63 -1.99	21.76 -2.58 -1.90	20.17 -2.29 -2.75	19.32 -2.02 -3.31	24.53 -2.67 -3.35	24.59 -2.59 -3.17	29.78 -2.94 -2.14	29.80 -2.73 -2.57	29.73 -2.98 -0.33	26.29 -2.32 -0.67	21.70 -1.69 -1.20
OSWEGATCHIE___HYD 24044	27.92 -1.04 0.00	24.64 -0.84 -0.03	23.31 -0.82 -0.03	21.10 -0.78 -0.07	21.73 -0.76 -0.07	22.02 -0.73 -0.06	20.56 -0.72 -0.17	25.66 -0.87 -0.03	30.28 -0.94 0.00	28.94 -1.01 -0.16	28.62 -1.03 -0.13	25.93 -1.04 -0.24	25.18 -1.07 -0.23	22.42 -0.99 -0.31	21.77 -0.96 -0.30	19.31 -0.83 -0.43	17.79 -0.76 -0.51	23.44 -0.93 -0.52	23.65 -0.86 -0.49	29.78 -1.13 -0.33	29.16 -1.20 -0.40	31.13 -1.30 -0.05	26.87 -1.17 -0.10	21.40 -0.98 -0.19
OSWEGO___5 23606	28.24 -0.72 0.00	24.89 -0.64 -0.09	23.57 -0.60 -0.07	21.46 -0.52 -0.16	22.05 -0.56 -0.18	22.28 -0.57 -0.16	21.02 -0.51 -0.42	25.86 -0.71 -0.07	30.34 -0.87 0.00	29.34 -0.86 -0.41	29.00 -0.86 -0.33	26.59 -0.75 -0.61	25.86 -0.73 -0.57	23.27 -0.62 -0.78	22.57 -0.60 -0.74	20.27 -0.51 -1.07	18.86 -0.47 -1.29	24.54 -0.62 -1.31	24.66 -0.60 -1.24	30.65 -0.76 -0.84	30.28 -0.69 -1.01	31.73 -0.78 -0.13	27.53 -0.67 -0.26	22.15 -0.51 -0.47

OSWEGO___6 23613	28.24 -0.72 0.00	24.89 -0.64 -0.09	23.57 -0.60 -0.07	21.46 -0.52 -0.16	22.05 -0.56 -0.18	22.28 -0.57 -0.16	21.02 -0.51 -0.42	25.86 -0.71 -0.07	30.34 -0.87 0.00	29.34 -0.86 -0.41	29.00 -0.86 -0.33	26.59 -0.75 -0.61	25.86 -0.73 -0.57	23.27 -0.62 -0.78	22.57 -0.60 -0.74	20.27 -0.51 -1.07	18.86 -0.47 -1.29	24.54 -0.62 -1.31	24.66 -0.60 -1.24	30.65 -0.76 -0.84	30.28 -0.69 -1.01	31.73 -0.78 -0.13	27.53 -0.67 -0.26	22.15 -0.51 -0.47
OUTOKUMPU-AB___DRP 24206	26.67 -2.29 0.00	23.42 -2.21 -0.19	22.11 -2.14 -0.16	20.39 -1.79 -0.36	20.91 -1.91 -0.40	20.95 -2.09 -0.35	20.09 -1.92 -0.90	24.14 -2.52 -0.15	27.85 -3.37 0.00	27.10 -3.58 -0.89	26.61 -3.63 -0.71	24.86 -3.18 -1.31	24.39 -2.86 -1.24	22.25 -2.54 -1.69	21.65 -2.40 -1.61	19.93 -2.11 -2.33	18.98 -1.86 -2.80	24.11 -2.58 -2.84	24.11 -2.59 -2.68	29.45 -2.94 -1.81	29.41 -2.73 -2.18	29.61 -3.04 -0.28	26.24 -2.26 -0.57	21.52 -1.69 -1.02
OXBOW___BTM 323836	26.41 -2.55 0.00	23.21 -2.42 -0.19	21.92 -2.34 -0.16	20.21 -1.96 -0.35	20.73 -2.08 -0.39	20.77 -2.27 -0.35	19.93 -2.07 -0.89	23.95 -2.70 -0.15	27.57 -3.65 0.00	26.86 -3.81 -0.88	26.40 -3.84 -0.71	24.64 -3.40 -1.30	24.20 -3.04 -1.23	22.10 -2.68 -1.67	21.47 -2.56 -1.60	19.79 -2.23 -2.31	18.85 -1.97 -2.78	23.95 -2.72 -2.82	23.94 -2.74 -2.66	29.22 -3.15 -1.79	29.18 -2.93 -2.16	29.38 -3.27 -0.27	26.04 -2.46 -0.56	21.33 -1.86 -1.01
OXBOW____ 24026	26.41 -2.55 0.00	23.21 -2.42 -0.19	21.89 -2.36 -0.16	20.21 -1.96 -0.35	20.73 -2.09 -0.39	20.77 -2.27 -0.35	19.93 -2.07 -0.89	23.95 -2.70 -0.15	27.57 -3.65 0.00	26.86 -3.81 -0.88	26.40 -3.84 -0.71	24.67 -3.37 -1.30	24.20 -3.04 -1.23	22.10 -2.68 -1.67	21.50 -2.54 -1.60	19.79 -2.23 -2.31	18.85 -1.97 -2.78	23.95 -2.72 -2.82	23.94 -2.74 -2.66	29.22 -3.15 -1.79	29.18 -2.94 -2.16	29.38 -3.27 -0.27	26.04 -2.46 -0.56	21.33 -1.86 -1.01
OXY_CHEM_DSASP 323612	26.21 -2.75 0.00	23.03 -2.60 -0.18	21.75 -2.51 -0.15	20.05 -2.12 -0.35	20.57 -2.24 -0.39	20.60 -2.43 -0.35	19.80 -2.20 -0.89	23.79 -2.86 -0.15	27.32 -3.90 0.00	26.67 -3.99 -0.87	26.21 -4.02 -0.70	24.49 -3.53 -1.29	24.06 -3.17 -1.22	21.97 -2.80 -1.66	21.37 -2.65 -1.58	19.69 -2.31 -2.28	18.75 -2.04 -2.75	23.80 -2.84 -2.79	23.82 -2.83 -2.64	29.05 -3.30 -1.78	29.04 -3.06 -2.14	29.19 -3.46 -0.27	25.90 -2.60 -0.55	21.21 -1.97 -1.00
OZONE_PARK_ESR 323760	31.05 2.09 0.00	28.43 1.78 -1.21	26.74 1.64 -1.00	25.60 1.51 -2.28	26.52 1.57 -2.53	26.48 1.54 -2.25	28.33 1.46 -5.76	29.40 1.93 -0.96	33.56 2.34 0.00	37.69 2.23 -5.66	36.27 2.19 -4.55	37.18 2.06 -8.39	35.89 1.95 -7.92	35.64 1.76 -10.78	34.49 1.77 -10.29	36.15 1.58 -14.86	37.37 1.44 -17.89	43.93 1.93 -18.15	43.07 1.90 -17.15	44.49 2.35 -11.56	46.13 2.25 -13.92	36.70 2.56 -1.77	33.64 2.10 -3.61	30.27 1.58 -6.50
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	26.21 -2.75 0.00	23.03 -2.60 -0.18	21.75 -2.51 -0.15	20.05 -2.12 -0.35	20.57 -2.24 -0.39	20.60 -2.43 -0.35	19.80 -2.20 -0.89	23.79 -2.86 -0.15	27.32 -3.90 0.00	26.67 -3.99 -0.87	26.21 -4.02 -0.70	24.49 -3.53 -1.29	24.06 -3.17 -1.22	21.97 -2.80 -1.66	21.37 -2.65 -1.58	19.69 -2.31 -2.28	18.75 -2.04 -2.75	23.80 -2.84 -2.79	23.82 -2.83 -2.64	29.05 -3.30 -1.78	29.04 -3.06 -2.14	29.19 -3.46 -0.27	25.90 -2.60 -0.55	21.21 -1.97 -1.00
PACKARD__I15KV_DUPONT_I84 80571	26.21 -2.75 0.00	23.03 -2.60 -0.18	21.75 -2.51 -0.15	20.05 -2.12 -0.35	20.57 -2.24 -0.39	20.60 -2.43 -0.35	19.80 -2.20 -0.89	23.79 -2.86 -0.15	27.32 -3.90 0.00	26.67 -3.99 -0.87	26.21 -4.02 -0.70	24.49 -3.53 -1.29	24.06 -3.17 -1.22	21.97 -2.80 -1.66	21.37 -2.65 -1.58	19.69 -2.31 -2.28	18.75 -2.04 -2.75	23.80 -2.84 -2.79	23.82 -2.83 -2.64	29.05 -3.30 -1.78	29.04 -3.06 -2.14	29.19 -3.46 -0.27	25.90 -2.60 -0.55	21.21 -1.97 -1.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	30.84 1.88 0.00	28.28 1.63 -1.21	26.59 1.49 -1.00	25.45 1.35 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.20 1.33 -5.76	29.24 1.78 -0.96	33.37 2.15 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.99 1.87 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.77 1.76 -18.15	42.88 1.71 -17.15	44.25 2.11 -11.56	45.86 1.98 -13.92	36.41 2.27 -1.77	33.45 1.90 -3.61	30.11 1.42 -6.50
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	30.93 1.97 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.54 1.44 -2.28	26.48 1.52 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.32 1.86 -0.96	33.47 2.25 0.00	37.54 2.09 -5.66	36.12 2.04 -4.55	37.04 1.92 -8.39	35.76 1.82 -7.92	35.55 1.66 -10.78	34.38 1.66 -10.29	36.05 1.48 -14.86	37.29 1.35 -17.89	43.84 1.84 -18.15	42.95 1.78 -17.15	44.34 2.20 -11.56	45.98 2.10 -13.92	36.54 2.40 -1.77	33.53 1.98 -3.61	30.22 1.53 -6.50
PATROON__I15KV_TB1 80586	29.89 0.93 0.00	27.68 0.76 -1.47	26.05 0.72 -1.23	25.27 0.65 -2.80	26.20 0.67 -3.11	26.13 0.68 -2.77	28.83 0.63 -7.09	28.56 0.87 -1.18	32.28 1.06 0.00	37.74 0.98 -6.96	36.10 0.97 -5.60	37.90 0.86 -10.31	36.64 0.88 -9.74	37.15 0.79 -13.25	35.83 0.74 -12.65	38.64 0.65 -18.28	40.62 0.58 -22.00	46.91 0.74 -22.32	45.86 0.74 -21.09	45.74 0.95 -14.21	48.01 0.93 -17.12	35.52 0.97 -2.17	33.30 0.92 -4.44	30.89 0.71 -8.00
PATTRSNVILLE__SOLAR 323815	30.50 1.53 0.00	28.39 1.32 -1.62	26.68 1.23 -1.35	25.99 1.09 -3.08	26.96 1.12 -3.41	26.88 1.16 -3.04	30.01 1.12 -7.79	29.23 1.43 -1.29	32.87 1.65 0.00	38.99 1.55 -7.65	37.21 1.53 -6.15	39.34 1.28 -11.33	37.89 1.17 -10.70	38.71 1.04 -14.56	37.25 0.92 -13.89	40.57 0.79 -20.07	42.93 0.72 -24.17	49.39 1.02 -24.52	48.39 1.20 -23.17	47.88 1.71 -15.59	50.60 1.86 -18.78	36.61 1.84 -2.38	34.43 1.62 -4.87	32.20 1.24 -8.77
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	26.96 -2.00 0.00	23.31 -2.34 -0.20	22.00 -2.27 -0.17	20.31 -1.90 -0.39	20.86 -2.00 -0.43	20.89 -2.18 -0.38	20.11 -1.98 -0.99	24.04 -2.62 -0.16	28.28 -2.93 0.00	27.07 -3.69 -0.97	26.56 -3.75 -0.78	24.85 -3.31 -1.43	24.33 -3.04 -1.35	22.27 -2.68 -1.84	21.61 -2.58 -1.76	19.98 -2.27 -2.54	19.09 -2.00 -3.06	24.21 -2.74 -3.10	24.21 -2.74 -2.93	29.40 -3.15 -1.98	29.40 -2.94 -2.38	29.44 -3.24 -0.30	26.07 -2.49 -0.62	21.41 -1.89 -1.11
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	30.82 1.85 0.00	28.23 1.58 -1.21	26.58 1.47 -1.01	25.47 1.35 -2.30	26.39 1.41 -2.55	26.34 1.38 -2.27	28.22 1.29 -5.82	29.20 1.72 -0.97	33.37 2.15 0.00	37.54 2.03 -5.72	36.13 2.01 -4.60	37.05 1.84 -8.47	35.79 1.77 -8.00	35.57 1.57 -10.89	34.37 1.55 -10.39	36.10 1.38 -15.01	37.43 1.32 -18.07	43.90 1.72 -18.33	43.05 1.71 -17.32	44.30 2.05 -11.67	46.09 2.07 -14.06	36.37 2.20 -1.78	33.49 1.90 -3.65	30.22 1.46 -6.57
PEEKSKILL____ 23653	30.55 1.59 0.00	28.00 1.37 -1.18	26.41 1.32 -0.99	25.29 1.22 -2.26	26.18 1.25 -2.50	26.16 1.25 -2.23	27.97 1.16 -5.71	29.02 1.56 -0.95	33.12 1.90 0.00	37.18 1.79 -5.60	35.81 1.77 -4.51	36.69 1.66 -8.30	35.45 1.59 -7.84	35.21 1.43 -10.67	34.03 1.41 -10.18	35.68 1.26 -14.71	36.92 1.17 -17.71	43.36 1.55 -17.97	42.54 1.54 -16.98	43.93 1.90 -11.45	45.58 1.83 -13.79	36.17 2.04 -1.75	33.22 1.70 -3.58	29.92 1.29 -6.44

PGE MADISON___WINDPWR 24146	30.03 1.07 0.00	26.68 0.87 -0.37	25.15 0.75 -0.31	23.24 0.72 -0.70	24.01 0.81 -0.78	24.22 0.84 -0.69	23.75 0.87 -1.77	28.07 1.27 -0.30	32.93 1.72 0.00	33.08 1.55 -1.74	32.32 1.39 -1.40	30.46 1.15 -2.58	29.42 0.96 -2.44	27.28 0.86 -3.32	26.50 0.90 -3.17	25.05 0.77 -4.58	24.25 0.70 -5.51	30.39 0.95 -5.59	30.43 1.13 -5.28	35.48 1.34 -3.56	35.56 1.32 -4.29	34.38 1.46 -0.54	30.22 1.17 -1.11	24.99 0.80 -2.00
PIERCEFIELD___HYD 23852	28.09 -0.87 0.00	24.78 -0.66 0.00	23.47 -0.63 0.00	21.21 -0.61 0.00	21.84 -0.58 0.00	22.14 -0.54 0.00	20.39 -0.72 0.00	25.60 -0.90 0.00	30.28 -0.94 0.00	28.99 -0.80 0.00	28.73 -0.80 0.00	25.90 -0.83 0.00	25.16 -0.86 0.00	22.25 -0.86 0.00	21.56 -0.87 0.00	18.96 -0.75 0.00	17.32 -0.72 0.00	22.94 -0.91 0.00	23.13 -0.89 0.00	29.38 -1.19 0.00	28.61 -1.35 0.00	30.96 -1.42 0.00	26.63 -1.31 0.00	21.21 -0.98 0.00
PINELAWN_CC_1 323563	31.42 2.46 0.00	28.58 1.93 -1.21	26.81 1.71 -1.00	25.69 1.59 -2.28	26.50 1.55 -2.53	26.57 1.63 -2.25	28.41 1.54 -5.77	29.88 2.41 -0.96	34.12 2.90 0.00	37.96 2.50 -5.66	36.46 2.36 -4.56	37.24 2.11 -8.40	35.98 2.03 -7.93	35.75 1.85 -10.79	34.66 1.93 -10.30	36.36 1.71 -14.94	38.25 1.60 -18.61	44.18 2.17 -18.16	43.32 2.14 -17.17	44.94 2.78 -11.58	46.57 2.67 -13.95	37.04 2.88 -1.78	34.21 2.66 -3.61	30.45 1.75 -6.51
PJM_GEN_HTP_PROXY 323702	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.47 1.38 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.16 1.29 -5.76	29.21 1.75 -0.96	33.34 2.12 0.00	37.45 2.00 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.46 1.57 -10.78	34.29 1.57 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.89	43.72 1.72 -18.15	42.85 1.68 -17.15	44.25 2.11 -11.57	45.87 1.98 -13.94	36.41 2.27 -1.77	33.42 1.87 -3.61	30.12 1.42 -6.51
PJM_GEN_KEystone 24065	28.96 0.00 0.00	26.00 -0.18 -0.73	24.55 -0.17 -0.62	23.16 -0.07 -1.40	23.89 -0.09 -1.56	23.91 -0.16 -1.39	24.53 -0.13 -3.55	26.94 -0.16 -0.59	31.00 -0.22 0.00	32.80 -0.48 -3.48	31.80 -0.53 -2.80	31.50 -0.40 -5.16	30.58 -0.31 -4.88	29.47 -0.28 -6.64	28.54 -0.22 -6.33	28.68 -0.18 -9.15	28.91 -0.14 -11.01	34.81 -0.22 -11.17	34.36 -0.22 -10.56	37.52 -0.18 -7.12	38.42 -0.12 -8.58	33.34 -0.13 -1.09	30.11 -0.06 -2.22	26.17 -0.02 -4.01
PJM_GEN_NEPTUNE_PROXY 323594	31.07 2.11 0.00	28.33 1.68 -1.21	26.59 1.49 -1.00	25.47 1.38 -2.28	26.30 1.35 -2.53	26.34 1.41 -2.25	28.20 1.33 -5.77	29.56 2.09 -0.96	33.75 2.53 0.00	37.69 2.24 -5.66	36.13 2.04 -4.56	36.97 1.84 -8.40	35.72 1.77 -7.93	35.49 1.59 -10.79	34.37 1.64 -10.30	36.10 1.46 -14.93	37.87 1.33 -18.50	43.80 1.79 -18.16	42.96 1.78 -17.16	44.45 2.29 -11.58	46.12 2.22 -13.95	36.59 2.43 -1.78	33.85 2.29 -3.61	30.23 1.53 -6.51
PJM_GEN_VFT_PROXY 323633	30.76 1.80 0.00	28.18 1.53 -1.21	26.52 1.42 -1.00	25.41 1.31 -2.28	26.30 1.35 -2.53	26.27 1.34 -2.25	28.12 1.25 -5.76	29.19 1.72 -0.96	33.28 2.06 0.00	37.39 1.94 -5.66	36.00 1.92 -4.55	36.91 1.79 -8.39	35.66 1.72 -7.92	35.44 1.55 -10.78	34.27 1.55 -10.29	35.95 1.38 -14.86	37.19 1.26 -17.89	43.64 1.64 -18.15	42.80 1.63 -17.15	44.13 1.99 -11.57	45.78 1.89 -13.94	36.38 2.23 -1.77	33.37 1.82 -3.61	30.07 1.38 -6.51
PLATSBURG_115KV_PMLD1 355749	28.79 -0.17 0.00	25.32 -0.13 0.00	24.05 -0.05 0.00	21.73 -0.09 0.00	22.33 -0.09 0.00	22.59 -0.09 0.00	20.94 -0.17 0.00	26.37 -0.13 0.00	31.31 0.09 0.00	30.12 0.33 0.00	29.91 0.38 0.00	26.95 0.21 0.00	26.17 0.16 0.00	23.11 0.00 0.00	22.32 -0.11 0.00	19.53 -0.18 0.00	17.77 -0.27 0.00	23.54 -0.31 0.00	23.66 -0.36 0.00	30.09 -0.49 0.00	29.18 -0.78 0.00	31.44 -0.94 0.00	27.05 -0.89 0.00	21.56 -0.62 0.00
PLEASANTVLY___LBMP 24000	30.50 1.53 0.00	27.99 1.30 -1.25	26.37 1.23 -1.04	25.33 1.13 -2.37	26.22 1.17 -2.63	26.19 1.16 -2.35	28.17 1.06 -6.01	28.94 1.43 -1.00	32.93 1.72 0.00	37.33 1.64 -5.90	35.87 1.59 -4.75	36.97 1.50 -8.74	35.70 1.43 -8.26	35.64 1.29 -11.23	34.44 1.28 -10.72	36.34 1.14 -15.49	37.75 1.06 -18.65	44.17 1.41 -18.92	43.29 1.39 -17.88	44.34 1.71 -12.05	46.12 1.65 -14.51	36.07 1.85 -1.84	33.27 1.56 -3.76	30.16 1.20 -6.78
PLSNTVLE_13_KV_13.8KVDIST 80602	30.70 1.74 0.00	28.16 1.50 -1.21	26.48 1.37 -1.01	25.40 1.29 -2.30	26.29 1.32 -2.55	26.25 1.29 -2.27	28.12 1.20 -5.81	29.11 1.64 -0.97	33.18 1.97 0.00	37.37 1.88 -5.70	35.97 1.86 -4.59	36.89 1.71 -8.45	35.66 1.67 -7.98	35.45 1.48 -10.86	34.28 1.48 -10.36	36.00 1.32 -14.97	37.29 1.23 -18.02	43.75 1.62 -18.28	42.88 1.59 -17.28	44.21 1.99 -11.64	45.90 1.92 -14.02	36.30 2.14 -1.78	33.36 1.79 -3.64	30.09 1.35 -6.55
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.70 1.74 0.00	28.16 1.50 -1.21	26.48 1.37 -1.01	25.40 1.29 -2.30	26.29 1.32 -2.55	26.25 1.29 -2.27	28.12 1.20 -5.81	29.11 1.64 -0.97	33.18 1.97 0.00	37.37 1.88 -5.70	35.97 1.86 -4.59	36.89 1.71 -8.45	35.66 1.67 -7.98	35.45 1.48 -10.86	34.28 1.48 -10.36	36.00 1.32 -14.97	37.29 1.23 -18.02	43.75 1.62 -18.28	42.88 1.59 -17.28	44.21 1.99 -11.64	45.90 1.92 -14.02	36.30 2.14 -1.78	33.36 1.79 -3.64	30.09 1.35 -6.55
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.64 1.68 0.00	28.11 1.45 -1.22	26.46 1.35 -1.02	25.37 1.24 -2.31	26.27 1.28 -2.56	26.22 1.25 -2.28	28.14 1.18 -5.85	29.02 1.54 -0.97	33.09 1.87 0.00	37.27 1.73 -5.75	35.83 1.68 -4.62	36.80 1.55 -8.51	35.57 1.51 -8.04	35.39 1.34 -10.94	34.20 1.32 -10.44	35.96 1.16 -15.08	37.30 1.10 -18.16	43.73 1.45 -18.42	42.94 1.51 -17.41	44.11 1.80 -11.73	45.89 1.80 -14.13	36.12 1.94 -1.79	33.28 1.68 -3.66	30.10 1.31 -6.60
POLETTI_____ 23519	30.82 1.85 0.00	28.23 1.58 -1.21	26.57 1.47 -1.00	25.47 1.37 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.16 1.29 -5.76	29.19 1.72 -0.96	33.31 2.09 0.00	37.42 1.97 -5.66	36.00 1.92 -4.55	36.94 1.82 -8.39	35.68 1.74 -7.92	35.44 1.55 -10.78	34.29 1.57 -10.29	35.97 1.40 -14.86	37.21 1.28 -17.89	43.69 1.69 -18.15	42.83 1.66 -17.15	44.18 2.05 -11.56	45.83 1.95 -13.92	36.38 2.23 -1.77	33.39 1.84 -3.61	30.09 1.40 -6.50
POMONA___ESR 323819	30.61 1.65 0.00	28.00 1.40 -1.16	26.39 1.32 -0.97	25.27 1.24 -2.21	26.15 1.28 -2.45	26.13 1.27 -2.18	27.87 1.18 -5.58	29.02 1.59 -0.93	33.12 1.90 0.00	37.09 1.82 -5.48	35.71 1.77 -4.41	36.51 1.66 -8.12	35.27 1.59 -7.67	34.98 1.43 -10.43	33.81 1.41 -9.96	35.36 1.26 -14.39	36.52 1.16 -17.32	42.97 1.55 -17.57	42.16 1.54 -16.61	43.67 1.90 -11.20	45.28 1.83 -13.49	36.10 2.01 -1.71	33.14 1.70 -3.50	29.78 1.29 -6.30
PORT_JEFF_3 23555	31.62 2.66 0.00	28.74 2.09 -1.21	26.93 1.83 -1.00	25.84 1.75 -2.28	26.61 1.66 -2.53	26.71 1.77 -2.25	28.54 1.67 -5.77	30.09 2.62 -0.96	34.31 3.09 0.00	38.05 2.59 -5.66	36.54 2.45 -4.56	37.35 2.22 -8.40	36.08 2.13 -7.93	35.79 1.90 -10.79	34.84 2.11 -10.30	36.57 1.93 -14.93	38.42 1.84 -18.54	44.49 2.48 -18.16	43.59 2.40 -17.16	45.28 3.12 -11.58	46.90 3.00 -13.95	37.30 3.14 -1.78	34.37 2.82 -3.61	30.56 1.86 -6.51

PORT_JEFF_4 23616	31.62 2.66 0.00	28.74 2.09 -1.21	26.93 1.83 -1.00	25.84 1.75 -2.28	26.61 1.66 -2.53	26.71 1.77 -2.25	28.54 1.67 -5.77	30.09 2.62 -0.96	34.31 3.09 0.00	38.05 2.59 -5.66	36.54 2.45 -4.56	37.35 2.22 -8.40	36.08 2.13 -7.93	35.79 1.90 -10.79	34.84 2.11 -10.30	36.57 1.93 -14.93	38.42 1.84 -18.54	44.49 2.48 -18.16	43.59 2.40 -17.16	45.28 3.12 -11.58	46.90 3.00 -13.95	37.30 3.14 -1.78	34.37 2.82 -3.61	30.56 1.86 -6.51
PORT_JEFF_IC 23713	31.66 2.69 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.86 1.77 -2.28	26.63 1.68 -2.53	26.73 1.79 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.21 3.00 0.00	38.08 2.62 -5.66	36.57 2.48 -4.56	37.38 2.25 -8.40	36.11 2.16 -7.93	35.82 1.92 -10.79	34.84 2.11 -10.30	36.59 1.95 -14.93	38.44 1.86 -18.55	44.61 2.60 -18.16	43.68 2.50 -17.16	45.33 3.18 -11.57	46.92 3.03 -13.93	37.33 3.17 -1.78	34.40 2.85 -3.61	30.56 1.86 -6.51
PPL PILGRIM_ST_GT1 24216	31.66 2.69 0.00	28.76 2.11 -1.21	26.98 1.88 -1.00	25.84 1.75 -2.28	26.63 1.68 -2.53	26.73 1.79 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.37 3.15 0.00	38.17 2.71 -5.66	36.69 2.60 -4.56	37.45 2.32 -8.40	36.19 2.24 -7.93	35.91 2.01 -10.79	34.87 2.13 -10.30	36.58 1.93 -14.93	38.41 1.82 -18.55	44.47 2.46 -18.16	43.59 2.40 -17.16	45.28 3.12 -11.58	46.90 3.00 -13.95	37.33 3.18 -1.78	34.43 2.88 -3.61	30.61 1.91 -6.51
PPL PILGRIM_ST_GT2 24217	31.66 2.69 0.00	28.76 2.11 -1.21	26.98 1.88 -1.00	25.84 1.75 -2.28	26.63 1.68 -2.53	26.73 1.79 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.37 3.15 0.00	38.17 2.71 -5.66	36.69 2.60 -4.56	37.45 2.32 -8.40	36.19 2.24 -7.93	35.91 2.01 -10.79	34.87 2.13 -10.30	36.58 1.93 -14.93	38.41 1.82 -18.55	44.47 2.46 -18.16	43.59 2.40 -17.16	45.28 3.12 -11.58	46.90 3.00 -13.95	37.33 3.18 -1.78	34.43 2.88 -3.61	30.61 1.91 -6.51
PPL_SHRM_GT3 24213	31.66 2.69 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.86 1.77 -2.28	26.61 1.66 -2.53	26.71 1.77 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.18 2.97 0.00	37.72 2.26 -5.66	36.22 2.13 -4.56	37.06 1.93 -8.40	35.77 1.82 -7.93	35.52 1.62 -10.79	34.75 2.02 -10.30	36.61 1.97 -14.93	38.48 1.89 -18.54	44.59 2.58 -18.16	43.66 2.47 -17.16	45.40 3.24 -11.58	46.99 3.09 -13.95	37.20 3.04 -1.78	34.26 2.71 -3.61	30.47 1.78 -6.51
PPL_SHRM_GT4 24214	31.66 2.69 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.86 1.77 -2.28	26.61 1.66 -2.53	26.71 1.77 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.18 2.97 0.00	37.72 2.26 -5.66	36.22 2.13 -4.56	37.06 1.93 -8.40	35.77 1.82 -7.93	35.52 1.62 -10.79	34.75 2.02 -10.30	36.61 1.97 -14.93	38.48 1.89 -18.54	44.59 2.58 -18.16	43.66 2.47 -17.16	45.40 3.24 -11.58	46.99 3.09 -13.95	37.20 3.04 -1.78	34.26 2.71 -3.61	30.47 1.78 -6.51
PROJECT___ORANGE 1 24174	28.56 -0.41 0.00	25.22 -0.33 -0.11	23.88 -0.31 -0.09	21.76 -0.26 -0.21	22.34 -0.31 -0.23	22.57 -0.32 -0.20	21.38 -0.25 -0.52	26.19 -0.40 -0.09	30.72 -0.50 0.00	29.80 -0.51 -0.51	29.47 -0.47 -0.41	27.09 -0.40 -0.76	26.35 -0.39 -0.72	23.77 -0.32 -0.98	23.06 -0.31 -0.94	20.81 -0.26 -1.35	19.45 -0.22 -1.63	25.21 -0.29 -1.65	25.29 -0.29 -1.56	31.29 -0.34 -1.05	30.95 -0.27 -1.27	32.25 -0.29 -0.16	27.99 -0.28 -0.33	22.56 -0.22 -0.59
PROJECT___ORANGE 2 24166	28.56 -0.41 0.00	25.22 -0.33 -0.11	23.88 -0.31 -0.09	21.76 -0.26 -0.21	22.34 -0.31 -0.23	22.57 -0.32 -0.20	21.38 -0.25 -0.52	26.19 -0.40 -0.09	30.72 -0.50 0.00	29.80 -0.51 -0.51	29.47 -0.47 -0.41	27.09 -0.40 -0.76	26.35 -0.39 -0.72	23.77 -0.32 -0.98	23.06 -0.31 -0.94	20.81 -0.26 -1.35	19.45 -0.22 -1.63	25.21 -0.29 -1.65	25.29 -0.29 -1.56	31.29 -0.34 -1.05	30.95 -0.27 -1.27	32.25 -0.29 -0.16	27.99 -0.28 -0.33	22.56 -0.22 -0.59
PUCKETT___SOLAR 323809	29.22 0.26 0.00	25.97 0.13 -0.39	24.52 0.10 -0.33	22.70 0.13 -0.75	23.39 0.14 -0.83	23.54 0.11 -0.74	23.15 0.15 -1.90	27.01 0.19 -0.32	31.47 0.25 0.00	31.72 0.06 -1.86	31.06 0.03 -1.50	29.49 0.00 -2.76	28.60 -0.03 -2.61	26.66 0.00 -3.55	25.84 0.02 -3.39	24.62 0.02 -4.89	23.98 0.05 -5.89	29.90 0.07 -5.98	29.81 0.14 -5.65	34.60 0.22 -3.81	34.81 0.27 -4.59	33.25 0.29 -0.58	29.38 0.25 -1.19	24.50 0.18 -2.14
PYRITES___HYD 24023	28.64 -0.32 0.00	25.27 -0.18 0.00	23.93 -0.17 0.00	21.60 -0.22 0.00	22.29 -0.13 0.00	22.59 -0.09 0.00	20.81 -0.30 0.00	26.13 -0.37 0.00	30.84 -0.37 0.00	29.49 -0.30 0.00	29.20 -0.32 0.00	26.33 -0.40 0.00	25.57 -0.44 0.00	22.62 -0.49 0.00	21.94 -0.49 0.00	19.30 -0.41 0.00	17.66 -0.38 0.00	23.44 -0.41 0.00	23.66 -0.36 0.00	30.09 -0.49 0.00	29.27 -0.69 0.00	31.67 -0.71 0.00	27.27 -0.67 0.00	21.68 -0.51 0.00
QUAKERRD_115KV_BK1 80622	27.34 -1.62 0.00	24.16 -1.42 -0.14	22.87 -1.35 -0.12	20.91 -1.18 -0.27	21.49 -1.23 -0.30	21.66 -1.29 -0.27	20.57 -1.22 -0.69	25.00 -1.62 -0.11	29.06 -2.15 0.00	28.44 -2.03 -0.67	28.03 -2.04 -0.54	25.99 -1.74 -1.00	25.35 -1.61 -0.94	22.98 -1.41 -1.28	22.29 -1.37 -1.22	20.32 -1.16 -1.77	19.14 -1.03 -2.13	24.65 -1.36 -2.16	24.64 -1.42 -2.04	30.33 -1.62 -1.38	30.12 -1.50 -1.66	30.94 -1.65 -0.21	27.03 -1.34 -0.43	21.90 -1.06 -0.77
QUEENSBRY_115KV_TB8 356137	30.76 1.80 0.00	28.50 1.55 -1.51	26.80 1.45 -1.26	25.94 1.27 -2.86	26.90 1.30 -3.17	26.87 1.36 -2.83	29.65 1.31 -7.24	29.46 1.75 -1.20	33.34 2.12 0.00	39.02 2.12 -7.11	37.40 2.16 -5.72	39.16 1.90 -10.53	37.86 1.90 -9.95	38.33 1.69 -13.53	36.85 1.50 -12.92	39.67 1.30 -18.66	41.68 1.17 -22.47	48.14 1.50 -22.79	47.12 1.56 -21.54	47.23 2.14 -14.51	49.69 2.25 -17.48	36.80 2.20 -2.22	34.40 1.93 -4.53	31.86 1.51 -8.17
RAMAPO___LBMP 323565	30.47 1.51 0.00	27.89 1.30 -1.14	26.31 1.25 -0.96	25.17 1.16 -2.19	26.04 1.19 -2.43	26.03 1.18 -2.16	27.75 1.10 -5.55	28.91 1.48 -0.92	33.00 1.78 0.00	36.91 1.67 -5.45	35.56 1.65 -4.38	36.35 1.55 -8.07	35.12 1.48 -7.62	34.82 1.34 -10.37	33.65 1.32 -9.90	35.19 1.18 -14.30	36.35 1.10 -17.21	42.76 1.45 -17.46	41.96 1.44 -16.50	43.47 1.77 -11.12	45.06 1.71 -13.39	35.99 1.91 -1.70	33.00 1.59 -3.47	29.66 1.22 -6.26
RANKINE____ 23646	26.91 -2.06 0.00	23.51 -2.14 -0.20	22.19 -2.07 -0.17	20.50 -1.70 -0.38	21.03 -1.82 -0.42	21.06 -2.00 -0.37	20.25 -1.82 -0.96	24.28 -2.39 -0.16	28.16 -3.06 0.00	27.28 -3.46 -0.94	26.74 -3.54 -0.76	25.00 -3.13 -1.40	24.50 -2.84 -1.32	22.41 -2.50 -1.79	21.75 -2.40 -1.71	20.07 -2.11 -2.47	19.18 -1.84 -2.98	24.32 -2.55 -3.02	24.33 -2.55 -2.85	29.63 -2.87 -1.92	29.61 -2.67 -2.32	29.69 -2.98 -0.29	26.31 -2.24 -0.60	21.60 -1.66 -1.08
RAVENSWOOD_GT2_1 24244	30.87 1.91 0.00	28.28 1.63 -1.21	26.59 1.49 -1.00	25.49 1.40 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.37 2.15 0.00	37.51 2.06 -5.66	36.09 2.01 -4.55	36.99 1.87 -8.39	35.73 1.80 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.77 1.76 -18.15	42.90 1.73 -17.15	44.28 2.14 -11.56	45.92 2.04 -13.92	36.45 2.30 -1.77	33.48 1.93 -3.61	30.13 1.44 -6.50

RAVENSWOOD_GT2_2 24245	30.87 1.91 0.00	28.28 1.63 -1.21	26.59 1.49 -1.00	25.49 1.40 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.37 2.15 0.00	37.51 2.06 -5.66	36.09 2.01 -4.55	36.99 1.87 -8.39	35.73 1.80 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.77 1.76 -18.15	42.90 1.73 -17.15	44.28 2.14 -11.56	45.92 2.04 -13.92	36.45 2.30 -1.77	33.48 1.93 -3.61	30.13 1.44 -6.50
RAVENSWOOD_GT2_3 24246	30.87 1.91 0.00	28.28 1.63 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.37 2.15 0.00	37.51 2.06 -5.66	36.09 2.01 -4.55	37.02 1.90 -8.39	35.73 1.80 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.77 1.76 -18.15	42.90 1.73 -17.15	44.28 2.14 -11.56	45.92 2.04 -13.92	36.48 2.33 -1.77	33.48 1.93 -3.61	30.15 1.46 -6.50
RAVENSWOOD_GT2_4 24247	30.87 1.91 0.00	28.28 1.63 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.37 2.15 0.00	37.51 2.06 -5.66	36.09 2.01 -4.55	37.02 1.90 -8.39	35.73 1.80 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.77 1.76 -18.15	42.90 1.73 -17.15	44.28 2.14 -11.56	45.92 2.04 -13.92	36.48 2.33 -1.77	33.48 1.93 -3.61	30.15 1.46 -6.50
RAVENSWOOD_GT3_1 24248	30.87 1.91 0.00	28.28 1.63 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.37 2.15 0.00	37.51 2.06 -5.66	36.09 2.01 -4.55	36.99 1.87 -8.39	35.73 1.80 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.77 1.76 -18.15	42.90 1.73 -17.15	44.28 2.14 -11.56	45.92 2.04 -13.92	36.48 2.33 -1.77	33.48 1.93 -3.61	30.13 1.44 -6.50
RAVENSWOOD_GT3_2 24249	30.87 1.91 0.00	28.28 1.63 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.37 2.15 0.00	37.51 2.06 -5.66	36.09 2.01 -4.55	36.99 1.87 -8.39	35.73 1.80 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.77 1.76 -18.15	42.90 1.73 -17.15	44.28 2.14 -11.56	45.92 2.04 -13.92	36.48 2.33 -1.77	33.48 1.93 -3.61	30.13 1.44 -6.50
RAVENSWOOD_GT3_3 24250	30.90 1.94 0.00	28.30 1.65 -1.21	26.62 1.52 -1.00	25.52 1.42 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.22 1.35 -5.76	29.29 1.83 -0.96	33.40 2.19 0.00	37.54 2.09 -5.66	36.12 2.04 -4.55	37.02 1.90 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.79 1.79 -18.15	42.92 1.75 -17.15	44.31 2.17 -11.56	45.95 2.07 -13.92	36.51 2.36 -1.77	33.50 1.96 -3.61	30.15 1.46 -6.50
RAVENSWOOD_GT3_4 24251	30.90 1.94 0.00	28.30 1.65 -1.21	26.62 1.52 -1.00	25.52 1.42 -2.28	26.41 1.46 -2.53	26.37 1.43 -2.25	28.22 1.35 -5.76	29.29 1.83 -0.96	33.40 2.19 0.00	37.54 2.09 -5.66	36.12 2.04 -4.55	37.02 1.90 -8.39	35.76 1.82 -7.92	35.53 1.64 -10.78	34.36 1.64 -10.29	36.03 1.46 -14.86	37.27 1.33 -17.89	43.79 1.79 -18.15	42.92 1.75 -17.15	44.31 2.17 -11.56	45.95 2.07 -13.92	36.51 2.36 -1.77	33.50 1.96 -3.61	30.15 1.46 -6.50
RAVENSWOOD_GT_1 23729	30.99 2.03 0.00	28.41 1.76 -1.21	26.72 1.61 -1.00	25.58 1.48 -2.28	26.50 1.55 -2.53	26.46 1.52 -2.25	28.31 1.44 -5.77	29.37 1.91 -0.96	33.53 2.31 0.00	37.63 2.17 -5.66	36.21 2.13 -4.56	37.13 2.00 -8.39	35.84 1.90 -7.92	35.60 1.71 -10.78	34.45 1.73 -10.29	36.11 1.54 -14.86	37.32 1.39 -17.90	43.89 1.88 -18.15	43.00 1.83 -17.15	44.40 2.26 -11.56	46.04 2.16 -13.92	36.61 2.46 -1.77	33.59 2.04 -3.61	30.22 1.53 -6.51
RAVENSWOOD_GT_10 24258	30.87 1.91 0.00	28.28 1.63 -1.21	26.59 1.49 -1.00	25.49 1.40 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.20 1.33 -5.76	29.24 1.78 -0.96	33.37 2.15 0.00	37.48 2.03 -5.66	36.09 2.01 -4.55	36.99 1.87 -8.39	35.73 1.80 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.77 1.76 -18.15	42.88 1.71 -17.15	44.25 2.11 -11.56	45.89 2.01 -13.92	36.45 2.30 -1.77	33.48 1.93 -3.61	30.13 1.44 -6.50
RAVENSWOOD_GT_11 24259	30.87 1.91 0.00	28.28 1.63 -1.21	26.59 1.49 -1.00	25.49 1.40 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.20 1.33 -5.76	29.24 1.78 -0.96	33.37 2.15 0.00	37.48 2.03 -5.66	36.09 2.01 -4.55	36.99 1.87 -8.39	35.73 1.80 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.77 1.76 -18.15	42.88 1.71 -17.15	44.25 2.11 -11.56	45.89 2.01 -13.92	36.45 2.30 -1.77	33.48 1.93 -3.61	30.13 1.44 -6.50
RAVENSWOOD_GT_4 24252	30.85 1.88 0.00	28.25 1.60 -1.21	26.59 1.49 -1.00	25.47 1.37 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.77	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.90	43.74 1.74 -18.15	42.88 1.71 -17.15	44.25 2.11 -11.56	45.89 2.01 -13.92	36.45 2.30 -1.77	33.45 1.90 -3.61	30.11 1.42 -6.51
RAVENSWOOD_GT_5 24254	30.85 1.88 0.00	28.25 1.60 -1.21	26.59 1.49 -1.00	25.47 1.37 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.77	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.90	43.74 1.74 -18.15	42.88 1.71 -17.15	44.25 2.11 -11.56	45.89 2.01 -13.92	36.45 2.30 -1.77	33.45 1.90 -3.61	30.11 1.42 -6.51
RAVENSWOOD_GT_6 24253	30.85 1.88 0.00	28.25 1.60 -1.21	26.59 1.49 -1.00	25.47 1.37 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.77	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.90	43.74 1.74 -18.15	42.88 1.71 -17.15	44.25 2.11 -11.56	45.89 2.01 -13.92	36.45 2.30 -1.77	33.45 1.90 -3.61	30.11 1.42 -6.51
RAVENSWOOD_GT_7 24255	30.85 1.88 0.00	28.25 1.60 -1.21	26.59 1.49 -1.00	25.47 1.37 -2.28	26.36 1.41 -2.53	26.32 1.38 -2.25	28.18 1.31 -5.77	29.24 1.78 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.23 1.30 -17.90	43.74 1.74 -18.15	42.88 1.71 -17.15	44.25 2.11 -11.56	45.89 2.01 -13.92	36.45 2.30 -1.77	33.45 1.90 -3.61	30.11 1.42 -6.51
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.87 1.91 0.00	28.28 1.63 -1.21	26.59 1.49 -1.00	25.49 1.40 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.20 1.33 -5.76	29.24 1.78 -0.96	33.37 2.15 0.00	37.48 2.03 -5.66	36.09 2.01 -4.55	36.99 1.87 -8.39	35.73 1.80 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.77 1.76 -18.15	42.88 1.71 -17.15	44.25 2.11 -11.56	45.89 2.01 -13.92	36.45 2.30 -1.77	33.48 1.93 -3.61	30.13 1.44 -6.50

RAVENSWOOD_GT_9 24257	30.87 1.91 0.00	28.28 1.63 -1.21	26.59 1.49 -1.00	25.49 1.40 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.20 1.33 -5.76	29.24 1.78 -0.96	33.37 2.15 0.00	37.48 2.03 -5.66	36.09 2.01 -4.55	36.99 1.87 -8.39	35.73 1.80 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.77 1.76 -18.15	42.88 1.71 -17.15	44.25 2.11 -11.56	45.89 2.01 -13.92	36.45 2.30 -1.77	33.48 1.93 -3.61	30.13 1.44 -6.50
RAVENSWOOD___1 23533	30.99 2.03 0.00	28.40 1.75 -1.21	26.71 1.61 -1.00	25.58 1.48 -2.28	26.50 1.55 -2.53	26.46 1.52 -2.25	28.31 1.44 -5.76	29.37 1.91 -0.96	33.50 2.28 0.00	37.63 2.17 -5.66	36.21 2.13 -4.55	37.13 2.01 -8.39	35.84 1.90 -7.92	35.60 1.71 -10.78	34.43 1.70 -10.29	36.09 1.52 -14.86	37.32 1.39 -17.89	43.86 1.86 -18.15	43.00 1.82 -17.15	44.41 2.26 -11.57	46.05 2.16 -13.94	36.61 2.46 -1.77	33.59 2.04 -3.61	30.23 1.53 -6.51
RAVENSWOOD___2 23534	30.99 2.03 0.00	28.40 1.75 -1.21	26.71 1.61 -1.00	25.58 1.48 -2.28	26.50 1.55 -2.53	26.46 1.52 -2.25	28.31 1.44 -5.76	29.37 1.91 -0.96	33.50 2.28 0.00	37.63 2.17 -5.66	36.21 2.13 -4.55	37.13 2.01 -8.39	35.84 1.90 -7.92	35.60 1.71 -10.78	34.43 1.70 -10.29	36.09 1.52 -14.86	37.32 1.39 -17.89	43.86 1.86 -18.15	43.00 1.82 -17.15	44.41 2.26 -11.57	46.02 2.13 -13.94	36.58 2.43 -1.77	33.59 2.04 -3.61	30.23 1.53 -6.51
RAVENSWOOD___3 23535	30.87 1.91 0.00	28.28 1.63 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.39 1.44 -2.53	26.34 1.41 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.37 2.15 0.00	37.51 2.05 -5.66	36.09 2.01 -4.55	36.99 1.87 -8.39	35.73 1.79 -7.92	35.51 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.25 1.32 -17.89	43.77 1.76 -18.15	42.90 1.73 -17.15	44.29 2.14 -11.57	45.93 2.04 -13.94	36.48 2.33 -1.77	33.48 1.93 -3.61	30.14 1.44 -6.51
RAVENSWOOD___4 23820	30.99 2.03 0.00	28.40 1.75 -1.21	26.71 1.61 -1.00	25.58 1.48 -2.28	26.50 1.55 -2.53	26.43 1.50 -2.25	28.31 1.44 -5.76	29.37 1.91 -0.96	33.49 2.28 0.00	37.63 2.17 -5.66	36.21 2.13 -4.55	37.10 1.98 -8.39	35.84 1.90 -7.92	35.60 1.71 -10.78	34.43 1.70 -10.29	36.09 1.52 -14.86	37.32 1.39 -17.89	43.86 1.86 -18.15	42.99 1.82 -17.15	44.41 2.26 -11.57	46.02 2.13 -13.94	36.58 2.43 -1.77	33.59 2.04 -3.61	30.23 1.53 -6.51
RCPL_TRUST___DRP 24196	30.99 2.03 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.58 1.48 -2.28	26.47 1.52 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.37 1.91 -0.96	33.53 2.31 0.00	37.66 2.20 -5.66	36.24 2.16 -4.55	37.12 2.00 -8.39	35.86 1.93 -7.92	35.62 1.73 -10.78	34.45 1.73 -10.29	36.11 1.54 -14.86	37.34 1.41 -17.89	43.88 1.88 -18.15	43.02 1.85 -17.15	44.43 2.29 -11.56	46.07 2.19 -13.92	36.61 2.46 -1.77	33.59 2.04 -3.61	30.22 1.53 -6.50
RED___ROCHESTER 323720	27.89 -1.07 0.00	24.62 -0.97 -0.15	23.28 -0.94 -0.12	21.31 -0.78 -0.28	21.91 -0.83 -0.31	22.05 -0.91 -0.28	20.95 -0.87 -0.71	25.46 -1.17 -0.12	29.50 -1.72 0.00	28.91 -1.58 -0.70	28.46 -1.62 -0.56	26.43 -1.34 -1.03	25.79 -1.20 -0.97	23.39 -1.04 -1.32	22.69 -1.01 -1.26	20.69 -0.85 -1.83	19.52 -0.72 -2.20	25.13 -0.95 -2.23	25.10 -1.03 -2.11	30.96 -1.04 -1.42	30.77 -0.90 -1.71	31.56 -1.04 -0.22	27.60 -0.78 -0.44	22.34 -0.64 -0.80
REGAN___SOLAR 323812	30.90 1.94 0.00	28.77 1.68 -1.65	27.02 1.54 -1.38	26.31 1.35 -3.13	27.31 1.41 -3.47	27.23 1.45 -3.09	30.45 1.41 -7.93	29.65 1.83 -1.32	33.37 2.15 0.00	39.66 2.08 -7.79	37.86 2.07 -6.26	40.03 1.76 -11.53	38.55 1.64 -10.90	39.39 1.46 -14.82	37.88 1.30 -14.15	41.25 1.10 -20.44	43.68 1.03 -24.61	50.19 1.38 -24.96	49.15 1.54 -23.59	48.59 2.14 -15.87	51.42 2.34 -19.12	37.11 2.30 -2.43	34.91 2.01 -4.96	32.70 1.58 -8.93
RENSSELAER___COGEN 23796	29.80 0.84 0.00	27.59 0.69 -1.46	25.97 0.65 -1.22	25.19 0.59 -2.78	26.11 0.61 -3.08	26.04 0.61 -2.74	28.71 0.57 -7.03	28.44 0.77 -1.17	32.19 0.97 0.00	37.53 0.83 -6.90	35.91 0.83 -5.55	37.68 0.72 -10.23	36.43 0.75 -9.66	36.92 0.67 -13.14	35.63 0.65 -12.54	38.38 0.55 -18.12	40.36 0.50 -21.82	46.63 0.64 -22.13	45.58 0.65 -20.91	45.48 0.83 -14.08	47.72 0.81 -16.96	35.37 0.84 -2.15	33.15 0.81 -4.40	30.73 0.62 -7.92
REPUBLIC_115KV_BARTNBRK 55605	31.77 2.81 0.00	29.42 2.47 -1.50	27.67 2.31 -1.26	26.69 2.01 -2.86	27.68 2.09 -3.17	27.66 2.16 -2.82	30.45 2.11 -7.23	30.44 2.73 -1.20	34.53 3.31 0.00	40.17 3.28 -7.10	38.55 3.31 -5.71	40.17 2.91 -10.52	38.85 2.89 -9.94	39.20 2.57 -13.53	37.61 2.27 -12.91	40.33 1.97 -18.65	42.28 1.79 -22.45	48.92 2.29 -22.78	47.94 2.40 -21.52	48.35 3.27 -14.50	50.91 3.48 -17.47	37.96 3.37 -2.22	35.46 2.99 -4.53	32.68 2.33 -8.16
REVERE_CPWR_DRP 24186	29.48 0.52 0.00	25.99 0.48 -0.06	24.56 0.41 -0.05	22.31 0.37 -0.12	22.96 0.40 -0.13	23.19 0.39 -0.12	21.83 0.42 -0.30	27.11 0.56 -0.05	32.00 0.78 0.00	30.74 0.66 -0.30	30.39 0.62 -0.24	27.68 0.51 -0.44	26.85 0.42 -0.41	24.04 0.37 -0.56	23.42 0.45 -0.54	20.88 0.39 -0.78	19.34 0.36 -0.94	25.30 0.50 -0.95	25.49 0.58 -0.90	31.89 0.70 -0.60	31.38 0.69 -0.73	33.22 0.74 -0.09	28.74 0.61 -0.19	22.93 0.40 -0.34
REYNOLDS_115KV_TB3 80639	30.09 1.13 0.00	27.82 0.92 -1.46	26.19 0.87 -1.22	25.39 0.79 -2.78	26.32 0.81 -3.08	26.25 0.82 -2.75	28.90 0.76 -7.04	28.71 1.03 -1.17	32.47 1.25 0.00	37.87 1.16 -6.91	36.24 1.15 -5.56	38.01 1.04 -10.24	36.73 1.04 -9.67	37.19 0.92 -13.16	35.89 0.90 -12.56	38.64 0.79 -18.14	40.59 0.70 -21.84	46.91 0.91 -22.16	45.89 0.94 -20.94	45.85 1.16 -14.11	48.12 1.17 -17.00	35.77 1.23 -2.16	33.46 1.12 -4.41	30.97 0.84 -7.94
RIVERBAY____ 323610	30.93 1.97 0.00	28.38 1.73 -1.21	26.69 1.59 -1.00	25.54 1.44 -2.28	26.48 1.52 -2.53	26.43 1.50 -2.25	28.29 1.41 -5.76	29.32 1.86 -0.96	33.47 2.25 0.00	37.54 2.09 -5.66	36.12 2.04 -4.55	37.04 1.92 -8.39	35.76 1.82 -7.92	35.55 1.66 -10.78	34.38 1.66 -10.29	36.05 1.48 -14.86	37.29 1.35 -17.89	43.84 1.84 -18.15	42.95 1.78 -17.15	44.34 2.20 -11.56	45.98 2.10 -13.92	36.54 2.40 -1.77	33.53 1.98 -3.61	30.22 1.53 -6.50
RIVERSIDE_115KV_TB3 55908	29.95 0.98 0.00	27.72 0.81 -1.47	26.09 0.77 -1.23	25.30 0.70 -2.79	26.23 0.72 -3.09	26.16 0.73 -2.75	28.84 0.68 -7.05	28.58 0.90 -1.17	32.34 1.12 0.00	37.73 1.01 -6.93	36.10 1.00 -5.57	37.90 0.91 -10.26	36.62 0.91 -9.69	37.10 0.81 -13.19	35.80 0.79 -12.58	38.58 0.69 -18.18	40.54 0.61 -21.89	46.84 0.79 -22.20	45.79 0.79 -20.98	45.73 1.01 -14.14	47.98 0.99 -17.03	35.58 1.04 -2.16	33.33 0.98 -4.42	30.90 0.75 -7.96
ROARING___BROOK_WT_PWR 323790	28.30 -0.66 0.00	24.86 -0.58 0.00	23.54 -0.55 0.00	21.29 -0.52 0.00	21.93 -0.49 0.00	22.23 -0.45 0.00	20.71 -0.40 0.00	26.05 -0.45 0.00	30.75 -0.47 0.00	29.40 -0.39 0.00	29.11 -0.41 0.00	26.30 -0.43 0.00	25.55 -0.47 0.00	22.62 -0.49 0.00	21.92 -0.52 0.00	19.22 -0.49 0.00	17.53 -0.50 0.00	23.18 -0.67 0.00	23.32 -0.70 0.00	29.66 -0.92 0.00	28.97 -0.99 0.00	31.31 -1.07 0.00	27.02 -0.92 0.00	21.48 -0.71 0.00

ROCHESRG_115KV_T4 355643	27.63 -1.33 0.00	24.39 -1.20 -0.15	23.06 -1.16 -0.12	21.11 -0.98 -0.28	21.70 -1.03 -0.31	21.85 -1.11 -0.27	20.78 -1.03 -0.70	25.24 -1.38 -0.12	29.25 -1.97 0.00	28.61 -1.88 -0.69	28.16 -1.92 -0.56	26.13 -1.63 -1.02	25.53 -1.46 -0.97	23.15 -1.27 -1.31	22.48 -1.21 -1.25	20.48 -1.04 -1.81	19.32 -0.90 -2.18	24.85 -1.22 -2.21	24.86 -1.25 -2.09	30.61 -1.38 -1.41	30.43 -1.23 -1.70	31.20 -1.39 -0.22	27.32 -1.06 -0.44	22.14 -0.84 -0.79
ROCHESTER_9_IC 23652	27.77 -1.19 0.00	24.52 -1.07 -0.15	23.18 -1.04 -0.12	21.23 -0.87 -0.28	21.81 -0.92 -0.31	21.96 -1.00 -0.28	20.87 -0.95 -0.71	25.35 -1.27 -0.12	29.38 -1.84 0.00	28.76 -1.73 -0.70	28.34 -1.74 -0.56	26.29 -1.47 -1.03	25.66 -1.33 -0.97	23.28 -1.16 -1.32	22.60 -1.10 -1.26	20.61 -0.93 -1.83	19.43 -0.81 -2.20	25.01 -1.07 -2.23	25.00 -1.13 -2.11	30.80 -1.19 -1.42	30.62 -1.05 -1.71	31.40 -1.20 -0.22	27.46 -0.92 -0.44	22.25 -0.73 -0.80
ROCKVIEW_13_KV_LD 356306	30.84 1.88 0.00	28.25 1.60 -1.21	26.57 1.47 -1.00	25.45 1.35 -2.28	26.34 1.39 -2.53	26.32 1.38 -2.25	28.16 1.29 -5.76	29.21 1.75 -0.96	33.34 2.12 0.00	37.48 2.03 -5.66	36.06 1.98 -4.55	36.96 1.84 -8.39	35.71 1.77 -7.92	35.48 1.59 -10.78	34.32 1.59 -10.29	35.99 1.42 -14.86	37.25 1.32 -17.89	43.74 1.74 -18.15	42.88 1.71 -17.15	44.28 2.14 -11.56	45.92 2.04 -13.92	36.45 2.30 -1.77	33.45 1.90 -3.61	30.13 1.44 -6.50
ROME____115KV_TB2 80656	29.48 0.52 0.00	25.99 0.48 -0.06	24.56 0.41 -0.05	22.31 0.37 -0.12	22.96 0.40 -0.13	23.19 0.39 -0.12	21.83 0.42 -0.30	27.11 0.56 -0.05	32.00 0.78 0.00	30.74 0.66 -0.30	30.39 0.62 -0.24	27.68 0.51 -0.44	26.85 0.42 -0.41	24.04 0.37 -0.56	23.42 0.45 -0.54	20.88 0.39 -0.78	19.34 0.36 -0.94	25.30 0.50 -0.95	25.49 0.58 -0.90	31.89 0.70 -0.60	31.38 0.69 -0.73	33.22 0.74 -0.09	28.74 0.61 -0.19	22.93 0.40 -0.34
ROSETON___1 23587	30.44 1.48 0.00	27.89 1.25 -1.20	26.28 1.18 -1.00	25.19 1.09 -2.28	26.07 1.12 -2.53	26.05 1.11 -2.25	27.91 1.03 -5.76	28.84 1.38 -0.96	32.87 1.65 0.00	37.03 1.58 -5.66	35.61 1.53 -4.55	36.56 1.44 -8.38	35.32 1.38 -7.92	35.13 1.25 -10.78	33.95 1.23 -10.28	35.67 1.10 -14.86	36.94 1.01 -17.89	43.36 1.36 -18.15	42.51 1.34 -17.15	43.79 1.65 -11.57	45.48 1.59 -13.93	35.93 1.78 -1.77	33.06 1.51 -3.61	29.85 1.15 -6.51
ROSETON___2 23588	30.44 1.48 0.00	27.89 1.25 -1.20	26.28 1.18 -1.00	25.19 1.09 -2.28	26.07 1.12 -2.53	26.05 1.11 -2.25	27.91 1.03 -5.76	28.84 1.38 -0.96	32.87 1.65 0.00	37.03 1.58 -5.66	35.61 1.53 -4.55	36.56 1.44 -8.38	35.32 1.38 -7.92	35.13 1.25 -10.78	33.95 1.23 -10.28	35.67 1.10 -14.86	36.94 1.01 -17.89	43.36 1.36 -18.15	42.51 1.34 -17.15	43.79 1.65 -11.57	45.48 1.59 -13.93	35.93 1.78 -1.77	33.06 1.51 -3.61	29.85 1.15 -6.51
ROTRDAM_115KV_TB3 80664	30.03 1.07 0.00	27.85 0.89 -1.52	26.21 0.84 -1.27	25.47 0.76 -2.89	26.41 0.78 -3.20	26.33 0.79 -2.85	29.15 0.74 -7.30	28.70 0.98 -1.21	32.40 1.19 0.00	38.10 1.13 -7.17	36.42 1.12 -5.77	38.37 1.02 -10.62	37.04 0.99 -10.04	37.64 0.88 -13.65	36.30 0.83 -13.03	39.27 0.73 -18.83	41.37 0.67 -22.67	47.72 0.88 -22.99	46.66 0.91 -21.73	46.41 1.19 -14.64	48.79 1.20 -17.64	35.88 1.26 -2.24	33.60 1.09 -4.57	31.27 0.84 -8.24
RUSSELL___1 23602	27.89 -1.07 0.00	24.62 -0.97 -0.15	23.28 -0.94 -0.12	21.31 -0.79 -0.28	21.90 -0.83 -0.31	22.03 -0.93 -0.28	20.95 -0.87 -0.71	25.46 -1.17 -0.12	29.50 -1.72 0.00	28.91 -1.58 -0.70	28.46 -1.62 -0.56	26.43 -1.34 -1.03	25.79 -1.20 -0.97	23.39 -1.04 -1.32	22.69 -1.01 -1.26	20.69 -0.85 -1.83	19.52 -0.72 -2.20	25.13 -0.95 -2.23	25.09 -1.03 -2.11	30.96 -1.04 -1.42	30.77 -0.90 -1.71	31.56 -1.04 -0.22	27.60 -0.78 -0.44	22.34 -0.64 -0.80
RUSSELL___2 23532	27.89 -1.07 0.00	24.62 -0.97 -0.15	23.28 -0.94 -0.12	21.31 -0.79 -0.28	21.90 -0.83 -0.31	22.03 -0.93 -0.28	20.95 -0.87 -0.71	25.46 -1.17 -0.12	29.50 -1.72 0.00	28.91 -1.58 -0.70	28.46 -1.62 -0.56	26.43 -1.34 -1.03	25.79 -1.20 -0.97	23.39 -1.04 -1.32	22.69 -1.01 -1.26	20.69 -0.85 -1.83	19.52 -0.72 -2.20	25.13 -0.95 -2.23	25.09 -1.03 -2.11	30.96 -1.04 -1.42	30.77 -0.90 -1.71	31.56 -1.04 -0.22	27.60 -0.78 -0.44	22.34 -0.64 -0.80
RUSSELL___3 23549	27.89 -1.07 0.00	24.62 -0.97 -0.15	23.28 -0.94 -0.12	21.31 -0.79 -0.28	21.90 -0.83 -0.31	22.03 -0.93 -0.28	20.95 -0.87 -0.71	25.46 -1.17 -0.12	29.50 -1.72 0.00	28.91 -1.58 -0.70	28.46 -1.62 -0.56	26.43 -1.34 -1.03	25.79 -1.20 -0.97	23.39 -1.04 -1.32	22.69 -1.01 -1.26	20.69 -0.85 -1.83	19.52 -0.72 -2.20	25.13 -0.95 -2.23	25.09 -1.03 -2.11	30.96 -1.04 -1.42	30.77 -0.90 -1.71	31.56 -1.04 -0.22	27.60 -0.78 -0.44	22.34 -0.64 -0.80
RUSSELL___4 23556	27.89 -1.07 0.00	24.62 -0.97 -0.15	23.28 -0.94 -0.12	21.31 -0.79 -0.28	21.90 -0.83 -0.31	22.03 -0.93 -0.28	20.95 -0.87 -0.71	25.46 -1.17 -0.12	29.50 -1.72 0.00	28.91 -1.58 -0.70	28.46 -1.62 -0.56	26.43 -1.34 -1.03	25.79 -1.20 -0.97	23.39 -1.04 -1.32	22.69 -1.01 -1.26	20.69 -0.85 -1.83	19.52 -0.72 -2.20	25.13 -0.95 -2.23	25.09 -1.03 -2.11	30.96 -1.04 -1.42	30.77 -0.90 -1.71	31.56 -1.04 -0.22	27.60 -0.78 -0.44	22.34 -0.64 -0.80
RUSSELL__STATION 23914	27.89 -1.07 0.00	24.62 -0.97 -0.15	23.28 -0.94 -0.12	21.31 -0.79 -0.28	21.90 -0.83 -0.31	22.03 -0.93 -0.28	20.95 -0.87 -0.71	25.46 -1.17 -0.12	29.50 -1.72 0.00	28.91 -1.58 -0.70	28.46 -1.62 -0.56	26.43 -1.34 -1.03	25.79 -1.20 -0.97	23.39 -1.04 -1.32	22.69 -1.01 -1.26	20.69 -0.85 -1.83	19.52 -0.72 -2.20	25.13 -0.95 -2.23	25.09 -1.03 -2.11	30.96 -1.04 -1.42	30.77 -0.90 -1.71	31.56 -1.04 -0.22	27.60 -0.78 -0.44	22.34 -0.64 -0.80
S SALMON__HYD 24043	28.32 -0.64 0.00	25.00 -0.54 -0.09	23.64 -0.53 -0.07	21.51 -0.48 -0.17	22.12 -0.49 -0.19	22.35 -0.50 -0.17	21.13 -0.40 -0.42	25.97 -0.61 -0.07	30.50 -0.72 0.00	29.43 -0.77 -0.42	29.13 -0.74 -0.34	26.66 -0.70 -0.62	25.90 -0.70 -0.58	23.30 -0.60 -0.79	22.63 -0.56 -0.76	20.33 -0.47 -1.09	18.96 -0.40 -1.32	24.66 -0.52 -1.34	24.82 -0.46 -1.26	30.88 -0.55 -0.85	30.50 -0.48 -1.02	31.99 -0.52 -0.13	27.73 -0.48 -0.27	22.24 -0.42 -0.48
S.PERRY__115KV_TB1 80734	28.38 -0.58 0.00	25.04 -0.61 -0.21	23.69 -0.58 -0.17	21.78 -0.44 -0.40	22.39 -0.47 -0.44	22.53 -0.54 -0.39	21.60 -0.51 -1.00	25.85 -0.82 -0.17	29.94 -1.28 0.00	29.26 -1.52 -0.98	28.58 -1.74 -0.79	26.64 -1.55 -1.45	25.91 -1.48 -1.37	23.62 -1.36 -1.87	22.90 -1.32 -1.78	21.14 -1.14 -2.58	20.20 -0.94 -3.10	25.90 -1.10 -3.15	25.99 -1.01 -2.98	31.73 -0.86 -2.00	31.71 -0.66 -2.42	32.01 -0.68 -0.31	27.98 -0.59 -0.63	22.96 -0.35 -1.13
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.73 -2.23 0.00	23.42 -2.21 -0.19	22.11 -2.14 -0.16	20.39 -1.79 -0.36	20.94 -1.88 -0.40	20.98 -2.06 -0.36	20.15 -1.88 -0.92	24.19 -2.46 -0.15	27.91 -3.31 0.00	27.15 -3.55 -0.90	26.65 -3.60 -0.73	24.92 -3.15 -1.34	24.45 -2.84 -1.26	22.33 -2.50 -1.72	21.70 -2.38 -1.64	19.99 -2.09 -2.37	19.07 -1.82 -2.86	24.22 -2.53 -2.90	24.21 -2.55 -2.74	29.52 -2.90 -1.84	29.51 -2.67 -2.22	29.65 -3.01 -0.28	26.28 -2.24 -0.58	21.54 -1.69 -1.04

SAWYER___23_KV_LOAD 55526	26.73	23.42	22.11	20.39	20.94	20.98	20.15	24.19	27.91	27.15	26.65	24.92	24.45	22.33	21.70	19.99	19.07	24.22	24.21	29.52	29.51	29.65	26.28	21.54
	-2.23	-2.21	-2.14	-1.79	-1.88	-2.06	-1.88	-2.46	-3.31	-3.55	-3.60	-3.15	-2.84	-2.50	-2.38	-2.09	-1.82	-2.53	-2.55	-2.90	-2.67	-3.01	-2.24	-1.69
	0.00	-0.19	-0.16	-0.36	-0.40	-0.36	-0.92	-0.15	0.00	-0.90	-0.73	-1.34	-1.26	-1.72	-1.64	-2.37	-2.86	-2.90	-2.74	-1.84	-2.22	-0.28	-0.58	-1.04
SELKIRK___I 23801	29.92	27.65	26.03	25.22	26.14	26.07	28.66	28.48	32.25	37.50	35.89	37.60	36.33	36.78	35.47	38.17	40.10	46.39	45.39	45.37	47.64	35.48	33.18	30.70
	0.95	0.76	0.72	0.65	0.67	0.68	0.61	0.82	1.03	0.89	0.88	0.78	0.78	0.69	0.65	0.57	0.52	0.69	0.72	0.89	0.93	0.97	0.89	0.69
	0.00	-1.44	-1.21	-2.74	-3.04	-2.71	-6.94	-1.15	0.00	-6.82	-5.48	-10.10	-9.54	-12.98	-12.38	-17.89	-21.54	-21.85	-20.65	-13.90	-16.75	-2.13	-4.34	-7.82
SELKIRK___II 23799	29.83	27.59	25.97	25.20	26.12	26.03	28.68	28.44	32.19	37.54	35.89	37.67	36.40	36.88	35.59	38.34	40.31	46.58	45.56	45.47	47.70	35.43	33.16	30.73
	0.87	0.69	0.65	0.61	0.63	0.61	0.57	0.77	0.97	0.86	0.83	0.75	0.75	0.67	0.65	0.57	0.52	0.67	0.70	0.85	0.84	0.91	0.84	0.64
	0.00	-1.46	-1.22	-2.77	-3.07	-2.74	-7.01	-1.16	0.00	-6.88	-5.53	-10.19	-9.63	-13.10	-12.50	-18.06	-21.75	-22.06	-20.84	-14.03	-16.91	-2.15	-4.38	-7.90
SENECA OSWGO___HYD 24041	28.41	25.08	23.75	21.61	22.20	22.44	21.21	26.02	30.56	29.59	29.27	26.85	26.11	23.52	22.84	20.53	19.16	24.89	24.97	30.99	30.63	32.04	27.78	22.36
	-0.55	-0.46	-0.43	-0.39	-0.43	-0.43	-0.36	-0.56	-0.66	-0.66	-0.62	-0.56	-0.55	-0.46	-0.43	-0.38	-0.32	-0.43	-0.43	-0.52	-0.45	-0.48	-0.45	-0.36
	0.00	-0.10	-0.08	-0.18	-0.20	-0.18	-0.47	-0.08	0.00	-0.46	-0.37	-0.68	-0.64	-0.87	-0.83	-1.20	-1.44	-1.46	-1.38	-0.93	-1.12	-0.14	-0.29	-0.53
SENECA___115KV_TB3 355854	26.96	23.56	22.24	20.52	21.07	21.09	20.27	24.31	28.19	27.31	26.77	25.03	24.53	22.43	21.79	20.09	19.20	24.34	24.35	29.66	29.64	29.73	26.33	21.63
	-2.00	-2.09	-2.02	-1.68	-1.77	-1.97	-1.79	-2.36	-3.03	-3.43	-3.51	-3.10	-2.81	-2.47	-2.36	-2.09	-1.82	-2.53	-2.52	-2.84	-2.64	-2.95	-2.21	-1.64
	0.00	-0.20	-0.17	-0.38	-0.42	-0.37	-0.96	-0.16	0.00	-0.94	-0.76	-1.40	-1.32	-1.79	-1.71	-2.47	-2.98	-3.02	-2.85	-1.92	-2.32	-0.29	-0.60	-1.08
SENECA___ENERGY 23797	28.38	25.04	23.70	21.68	22.28	22.48	21.43	26.02	30.44	29.66	29.26	27.04	26.31	23.86	23.14	21.10	19.91	25.65	25.71	31.49	31.28	32.09	27.93	22.67
	-0.58	-0.56	-0.53	-0.44	-0.47	-0.50	-0.42	-0.61	-0.78	-0.86	-0.86	-0.78	-0.73	-0.65	-0.63	-0.53	-0.45	-0.55	-0.53	-0.58	-0.48	-0.52	-0.48	-0.36
	0.00	-0.16	-0.13	-0.30	-0.33	-0.29	-0.75	-0.12	0.00	-0.73	-0.59	-1.09	-1.03	-1.40	-1.33	-1.93	-2.32	-2.35	-2.22	-1.50	-1.80	-0.23	-0.47	-0.84
SHOEMAKER___GT 23640	30.18	27.58	26.00	24.82	25.67	25.65	27.24	28.52	32.56	36.22	34.90	35.55	34.35	33.95	32.82	34.16	35.21	41.54	40.80	42.50	44.01	35.45	32.47	29.09
	1.22	1.04	0.99	0.92	0.94	0.91	0.87	1.14	1.34	1.25	1.21	1.15	1.09	0.99	0.99	0.87	0.81	1.10	1.11	1.34	1.32	1.46	1.23	0.95
	0.00	-1.09	-0.92	-2.08	-2.31	-2.06	-5.27	-0.88	0.00	-5.17	-4.16	-7.67	-7.24	-9.85	-9.40	-13.59	-16.36	-16.59	-15.68	-10.57	-12.74	-1.62	-3.30	-5.95
SHOEMAKR_138KV_BK 111 55601	30.18	27.57	26.00	24.80	25.66	25.66	27.21	28.54	32.59	36.21	34.90	35.50	34.33	33.91	32.79	34.09	35.12	41.45	40.72	42.45	43.95	35.44	32.47	29.07
	1.22	1.04	0.99	0.92	0.94	0.93	0.87	1.17	1.37	1.28	1.24	1.15	1.12	1.02	1.01	0.89	0.83	1.12	1.13	1.38	1.35	1.46	1.26	0.98
	0.00	-1.08	-0.91	-2.07	-2.29	-2.04	-5.23	-0.87	0.00	-5.14	-4.14	-7.61	-7.19	-9.79	-9.34	-13.50	-16.25	-16.48	-15.57	-10.50	-12.64	-1.60	-3.28	-5.91
SHOREHAM_IC_1 23715	31.66	28.76	26.96	25.86	26.61	26.71	28.56	30.11	34.18	37.72	36.22	37.06	35.77	35.52	34.75	36.61	38.48	44.59	43.66	45.40	46.99	37.20	34.26	30.47
	2.69	2.11	1.86	1.77	1.66	1.77	1.69	2.65	2.97	2.26	2.13	1.93	1.82	1.62	2.02	1.97	1.89	2.58	2.47	3.24	3.09	3.04	2.71	1.78
	0.00	-1.21	-1.00	-2.28	-2.53	-2.25	-5.77	-0.96	0.00	-5.66	-4.56	-8.40	-7.93	-10.79	-10.30	-14.93	-18.54	-18.16	-17.16	-11.58	-13.95	-1.78	-3.61	-6.51
SHOREHAM_IC_2 23716	31.66	28.76	26.96	25.86	26.61	26.71	28.56	30.11	34.18	37.72	36.22	37.06	35.77	35.52	34.75	36.61	38.48	44.59	43.66	45.40	46.99	37.20	34.26	30.47
	2.69	2.11	1.86	1.77	1.66	1.77	1.69	2.65	2.97	2.26	2.13	1.93	1.82	1.62	2.02	1.97	1.89	2.58	2.47	3.24	3.09	3.04	2.71	1.78
	0.00	-1.21	-1.00	-2.28	-2.53	-2.25	-5.77	-0.96	0.00	-5.66	-4.56	-8.40	-7.93	-10.79	-10.30	-14.93	-18.54	-18.16	-17.16	-11.58	-13.95	-1.78	-3.61	-6.51
SISSONVILLE____ 23735	28.09	24.78	23.47	21.21	21.84	22.14	20.39	25.60	30.28	28.99	28.73	25.90	25.16	22.25	21.56	18.96	17.32	22.94	23.13	29.38	28.61	30.96	26.63	21.21
	-0.87	-0.66	-0.63	-0.61	-0.58	-0.54	-0.72	-0.90	-0.94	-0.80	-0.80	-0.83	-0.86	-0.86	-0.87	-0.75	-0.72	-0.91	-0.89	-1.19	-1.35	-1.42	-1.31	-0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS1 24169	28.06	24.76	23.44	21.33	21.91	22.15	20.86	25.72	30.16	29.11	28.81	26.35	25.66	23.03	22.37	20.02	18.61	24.26	24.36	30.36	29.97	31.52	27.33	21.95
	-0.90	-0.76	-0.72	-0.63	-0.67	-0.68	-0.61	-0.85	-1.06	-1.04	-1.00	-0.91	-0.86	-0.76	-0.72	-0.63	-0.56	-0.74	-0.74	-0.95	-0.87	-0.97	-0.84	-0.64
	0.00	-0.08	-0.06	-0.14	-0.16	-0.14	-0.36	-0.06	0.00	-0.36	-0.29	-0.53	-0.50	-0.68	-0.65	-0.94	-1.13	-1.15	-1.08	-0.73	-0.88	-0.11	-0.23	-0.41
SITHE_IND_GS2 24170	28.06	24.76	23.44	21.33	21.91	22.15	20.86	25.72	30.16	29.11	28.81	26.35	25.66	23.03	22.37	20.02	18.61	24.26	24.36	30.36	29.97	31.52	27.33	21.95
	-0.90	-0.76	-0.72	-0.63	-0.67	-0.68	-0.61	-0.85	-1.06	-1.04	-1.00	-0.91	-0.86	-0.76	-0.72	-0.63	-0.56	-0.74	-0.74	-0.95	-0.87	-0.97	-0.84	-0.64
	0.00	-0.08	-0.06	-0.14	-0.16	-0.14	-0.36	-0.06	0.00	-0.36	-0.29	-0.53	-0.50	-0.68	-0.65	-0.94	-1.13	-1.15	-1.08	-0.73	-0.88	-0.11	-0.23	-0.41
SITHE_IND_GS3 24171	28.06	24.76	23.44	21.33	21.91	22.15	20.86	25.72	30.16	29.11	28.81	26.35	25.66	23.03	22.37	20.02	18.61	24.26	24.36	30.36	29.97	31.52	27.33	21.95
	-0.90	-0.76	-0.72	-0.63	-0.67	-0.68	-0.61	-0.85	-1.06	-1.04	-1.00	-0.91	-0.86	-0.76	-0.72	-0.63	-0.56	-0.74	-0.74	-0.95	-0.87	-0.97	-0.84	-0.64
	0.00	-0.08	-0.06	-0.14	-0.16	-0.14	-0.36	-0.06	0.00	-0.36	-0.29	-0.53	-0.50	-0.68	-0.65	-0.94	-1.13	-1.15	-1.08	-0.73	-0.88	-0.11	-0.23	-0.41
SITHE_IND_GS4 24172	28.06	24.76	23.44	21.33	21.91	22.15	20.86	25.72	30.16	29.11	28.81	26.35	25.66	23.03	22.37	20.02	18.61	24.26	24.36	30.36	29.97	31.52	27.33	21.95
	-0.90	-0.76	-0.72	-0.63	-0.67	-0.68	-0.61	-0.85	-1.06	-1.04	-1.00	-0.91	-0.86	-0.76	-0.72	-0.63	-0.56	-0.74	-0.74	-0.95	-0.87	-0.97	-0.84	-0.64
	0.00	-0.08	-0.06	-0.14	-0.16	-0.14	-0.36	-0.06	0.00	-0.36	-0.29	-0.53	-0.50	-0.68	-0.65	-0.94	-1.13	-1.15	-1.08	-0.73	-0.88	-0.11	-0.23	-0.41

SITHE___BATAVIA 24024	27.40 -1.56 0.00	24.09 -1.53 -0.17	22.77 -1.47 -0.14	20.92 -1.22 -0.32	21.50 -1.28 -0.36	21.58 -1.43 -0.32	20.55 -1.37 -0.82	24.84 -1.80 -0.14	28.69 -2.53 0.00	28.03 -2.56 -0.80	27.49 -2.69 -0.65	25.62 -2.30 -1.19	25.06 -2.08 -1.12	22.79 -1.85 -1.53	22.12 -1.77 -1.46	20.30 -1.52 -2.11	19.28 -1.30 -2.54	24.68 -1.74 -2.57	24.67 -1.78 -2.43	30.35 -1.87 -1.64	30.26 -1.68 -1.98	30.79 -1.84 -0.25	27.06 -1.40 -0.51	22.02 -1.09 -0.92
SITHE___INDEPEND 23800	28.06 -0.90 0.00	24.76 -0.76 -0.08	23.44 -0.72 -0.06	21.33 -0.63 -0.14	21.91 -0.67 -0.16	22.15 -0.68 -0.14	20.86 -0.61 -0.36	25.72 -0.85 -0.06	30.16 -1.06 0.00	29.11 -1.04 -0.36	28.81 -1.00 -0.29	26.35 -0.91 -0.53	25.63 -0.88 -0.50	23.03 -0.76 -0.68	22.37 -0.72 -0.65	20.02 -0.63 -0.94	18.61 -0.56 -1.13	24.26 -0.74 -1.15	24.36 -0.74 -1.08	30.36 -0.95 -0.73	29.97 -0.87 -0.88	31.52 -0.97 -0.11	27.33 -0.84 -0.23	21.95 -0.64 -0.41
SITHE___MASSENA 23902	28.70 -0.26 0.00	25.29 -0.15 0.00	23.98 -0.12 0.00	21.67 -0.15 0.00	22.31 -0.11 0.00	22.62 -0.07 0.00	20.94 -0.17 0.00	26.27 -0.24 0.00	31.00 -0.22 0.00	29.70 -0.09 0.00	29.44 -0.09 0.00	26.57 -0.16 0.00	25.86 -0.16 0.00	22.88 -0.23 0.00	22.17 -0.27 0.00	19.47 -0.24 0.00	17.79 -0.25 0.00	23.54 -0.31 0.00	23.71 -0.31 0.00	30.15 -0.43 0.00	29.39 -0.57 0.00	31.80 -0.58 0.00	27.38 -0.56 0.00	21.83 -0.36 0.00
SITHE___OGDNSBRG 24021	28.79 -0.17 0.00	25.39 -0.05 0.00	24.05 -0.05 0.00	21.71 -0.11 0.00	22.40 -0.02 0.00	22.71 0.02 0.00	20.96 -0.15 0.00	26.29 -0.21 0.00	31.00 -0.22 0.00	29.64 -0.15 0.00	29.35 -0.18 0.00	26.47 -0.27 0.00	25.73 -0.29 0.00	22.76 -0.35 0.00	22.05 -0.38 0.00	19.41 -0.30 0.00	17.77 -0.27 0.00	23.59 -0.26 0.00	23.80 -0.22 0.00	30.27 -0.31 0.00	29.48 -0.48 0.00	31.89 -0.49 0.00	27.44 -0.50 0.00	21.85 -0.33 0.00
SITHE___STERLING 23777	29.40 0.44 0.00	25.90 0.38 -0.07	24.50 0.34 -0.06	22.26 0.31 -0.14	22.89 0.31 -0.15	23.14 0.32 -0.14	21.79 0.34 -0.35	27.01 0.45 -0.06	31.81 0.59 0.00	30.61 0.48 -0.34	30.27 0.47 -0.28	27.64 0.40 -0.51	26.83 0.34 -0.48	24.06 0.30 -0.65	23.42 0.36 -0.62	20.92 0.31 -0.90	19.41 0.29 -1.08	25.35 0.41 -1.10	25.51 0.46 -1.04	31.86 0.58 -0.70	31.37 0.57 -0.84	33.10 0.61 -0.11	28.66 0.50 -0.22	22.91 0.33 -0.39
SLEIGHT__34_KV_TB1 80719	27.98 -0.98 0.00	24.72 -0.87 -0.14	23.37 -0.84 -0.12	21.37 -0.72 -0.27	21.96 -0.76 -0.30	22.14 -0.82 -0.27	21.06 -0.74 -0.69	25.61 -1.01 -0.11	29.88 -1.34 0.00	29.22 -1.25 -0.68	28.80 -1.27 -0.55	26.67 -1.07 -1.00	25.98 -0.99 -0.95	23.55 -0.86 -1.29	22.84 -0.83 -1.23	20.78 -0.71 -1.78	19.57 -0.61 -2.14	25.24 -0.79 -2.17	25.23 -0.84 -2.06	31.04 -0.92 -1.38	30.85 -0.78 -1.67	31.72 -0.87 -0.21	27.65 -0.73 -0.43	22.37 -0.60 -0.78
SOUTH CAIRO___GT 23612	30.53 1.56 0.00	27.76 0.92 -1.40	26.09 0.82 -1.17	25.20 0.72 -2.66	26.15 0.78 -2.95	26.06 0.75 -2.62	28.57 0.74 -6.72	28.50 0.87 -1.12	32.72 1.50 0.00	37.29 0.89 -6.60	35.66 0.83 -5.31	37.18 0.67 -9.78	35.93 0.68 -9.24	36.28 0.60 -12.57	34.97 0.54 -11.99	37.49 0.45 -17.33	39.34 0.43 -20.86	45.66 0.64 -21.16	44.84 0.82 -20.00	45.00 0.95 -13.48	47.27 1.08 -16.23	35.38 0.94 -2.06	33.13 0.98 -4.21	30.59 0.82 -7.58
SOUTH HAMPTN___IC 23720	31.71 2.75 0.00	28.79 2.14 -1.21	26.98 1.88 -1.00	25.89 1.79 -2.28	26.61 1.66 -2.53	26.75 1.82 -2.25	28.58 1.71 -5.77	30.17 2.70 -0.96	34.34 3.12 0.00	37.93 2.47 -5.66	36.40 2.30 -4.56	37.22 2.09 -8.40	35.93 1.98 -7.93	35.63 1.73 -10.79	34.80 2.06 -10.30	36.63 1.99 -14.93	38.51 1.93 -18.54	44.64 2.62 -18.16	43.71 2.52 -17.16	45.43 3.27 -11.58	47.02 3.12 -13.95	37.27 3.11 -1.78	34.29 2.74 -3.61	30.52 1.82 -6.51
SOUTHDOW_115KV_TB1 355954	27.89 -1.07 0.00	24.31 -1.35 -0.22	22.96 -1.33 -0.18	21.23 -1.00 -0.42	21.77 -1.12 -0.46	21.74 -1.36 -0.41	20.90 -1.27 -1.06	24.96 -1.72 -0.18	29.16 -2.06 0.00	27.97 -2.86 -1.04	27.32 -3.04 -0.83	25.52 -2.75 -1.54	24.92 -2.55 -1.45	22.77 -2.31 -1.98	22.08 -2.24 -1.89	20.42 -2.01 -2.72	19.61 -1.71 -3.28	24.77 -2.41 -3.33	24.76 -2.40 -3.14	30.10 -2.60 -2.12	30.05 -2.46 -2.55	30.05 -2.66 -0.32	26.65 -1.96 -0.66	21.94 -1.44 -1.19
SOUTHOLD_69_KV_BK 2 55809	31.66 2.69 0.00	28.71 2.06 -1.21	26.91 1.81 -1.00	25.82 1.72 -2.28	26.57 1.61 -2.53	26.68 1.75 -2.25	28.54 1.67 -5.77	30.14 2.68 -0.96	34.25 3.03 0.00	37.99 2.53 -5.66	36.34 2.24 -4.56	37.19 2.06 -8.40	35.88 1.93 -7.93	35.59 1.69 -10.79	34.71 1.97 -10.30	36.59 1.95 -14.93	38.48 1.89 -18.54	44.68 2.67 -18.16	43.71 2.52 -17.16	45.39 3.24 -11.57	46.92 3.03 -13.93	37.13 2.98 -1.78	34.15 2.60 -3.61	30.44 1.75 -6.51
SOUTHOLD___IC 23719	31.66 2.69 0.00	28.71 2.06 -1.21	26.91 1.81 -1.00	25.82 1.72 -2.28	26.54 1.59 -2.53	26.68 1.75 -2.25	28.54 1.67 -5.77	30.14 2.68 -0.96	34.34 3.12 0.00	37.99 2.53 -5.66	36.33 2.24 -4.56	37.19 2.06 -8.40	35.88 1.93 -7.93	35.59 1.69 -10.79	34.73 2.00 -10.30	36.57 1.93 -14.93	38.48 1.89 -18.54	44.61 2.60 -18.16	43.63 2.45 -17.16	45.37 3.21 -11.58	46.93 3.02 -13.95	37.13 2.98 -1.78	34.15 2.60 -3.61	30.47 1.78 -6.51
SOUTH_FORK_WT_PWR 323839	31.36 2.40 0.00	28.48 1.83 -1.21	26.69 1.59 -1.00	25.62 1.53 -2.28	26.34 1.39 -2.53	26.48 1.54 -2.25	28.33 1.46 -5.77	29.90 2.44 -0.96	34.06 2.84 0.00	37.72 2.26 -5.66	35.98 1.89 -4.56	36.87 1.74 -8.40	35.54 1.59 -7.93	35.31 1.41 -10.79	34.44 1.70 -10.30	36.34 1.70 -14.93	38.26 1.68 -18.54	44.33 2.31 -18.16	43.32 2.14 -17.16	44.94 2.78 -11.58	46.51 2.61 -13.95	36.68 2.53 -1.78	33.73 2.18 -3.61	30.25 1.55 -6.51
SPIERFLS_115KV_TB 1 80737	30.61 1.65 0.00	28.37 1.42 -1.51	26.68 1.33 -1.26	25.86 1.18 -2.86	26.81 1.21 -3.17	26.76 1.25 -2.83	29.57 1.22 -7.24	29.33 1.62 -1.20	33.18 1.97 0.00	38.87 1.97 -7.11	37.23 1.98 -5.72	39.03 1.76 -10.53	37.71 1.74 -9.95	38.22 1.57 -13.54	36.75 1.39 -12.92	39.58 1.20 -18.67	41.60 1.08 -22.48	48.06 1.41 -22.80	47.01 1.44 -21.54	47.05 1.96 -14.52	49.51 2.07 -17.49	36.64 2.04 -2.22	34.26 1.79 -4.53	31.75 1.40 -8.17
ST LAWRENCE____ 23600	28.50 -0.46 0.00	25.09 -0.36 0.00	23.78 -0.31 0.00	21.49 -0.33 0.00	22.11 -0.31 0.00	22.41 -0.27 0.00	20.77 -0.34 0.00	26.08 -0.43 0.00	30.75 -0.47 0.00	29.47 -0.33 0.00	29.23 -0.30 0.00	26.41 -0.32 0.00	25.68 -0.34 0.00	22.74 -0.37 0.00	22.03 -0.40 0.00	19.36 -0.35 0.00	17.68 -0.36 0.00	23.40 -0.45 0.00	23.54 -0.48 0.00	29.93 -0.64 0.00	29.21 -0.75 0.00	31.57 -0.81 0.00	27.21 -0.73 0.00	21.68 -0.51 0.00
STATE_CA_115KV_115_LB 55624	29.89 0.93 0.00	27.71 0.79 -1.48	26.05 0.72 -1.23	25.28 0.65 -2.80	26.21 0.67 -3.11	26.14 0.68 -2.77	28.83 0.63 -7.09	28.56 0.87 -1.18	32.31 1.09 0.00	37.74 0.98 -6.97	36.10 0.97 -5.60	37.91 0.86 -10.32	36.68 0.91 -9.75	37.18 0.81 -13.26	35.86 0.76 -12.66	38.65 0.65 -18.29	40.63 0.58 -22.02	46.92 0.74 -22.33	45.87 0.74 -21.10	45.75 0.95 -14.22	48.02 0.93 -17.13	35.52 0.97 -2.17	33.30 0.92 -4.44	30.90 0.71 -8.00

STATE_ST_34_KV_LOAD 55959	28.73 -0.23 0.00	25.37 -0.23 -0.15	24.01 -0.22 -0.13	21.94 -0.17 -0.29	22.55 -0.20 -0.32	22.77 -0.20 -0.29	21.70 -0.15 -0.74	26.39 -0.24 -0.12	30.94 -0.28 0.00	30.19 -0.33 -0.72	29.78 -0.32 -0.58	27.48 -0.32 -1.07	26.74 -0.29 -1.01	24.26 -0.23 -1.38	23.55 -0.20 -1.32	21.45 -0.16 -1.90	20.20 -0.13 -2.29	26.05 -0.12 -2.32	26.09 -0.12 -2.19	31.93 -0.12 -1.48	31.71 -0.03 -1.78	32.57 -0.03 -0.23	28.29 -0.11 -0.46	22.93 -0.09 -0.83
STATION 5_MISC_HYD 23604	27.75 -1.22 0.00	24.52 -1.07 -0.15	23.19 -1.04 -0.12	21.23 -0.87 -0.28	21.81 -0.92 -0.31	21.96 -1.00 -0.28	20.87 -0.95 -0.71	25.35 -1.27 -0.12	29.38 -1.84 0.00	28.76 -1.73 -0.70	28.34 -1.74 -0.56	26.29 -1.47 -1.03	25.66 -1.33 -0.97	23.28 -1.15 -1.32	22.60 -1.10 -1.26	20.61 -0.93 -1.83	19.43 -0.81 -2.20	25.01 -1.07 -2.23	25.00 -1.13 -2.11	30.80 -1.19 -1.42	30.62 -1.05 -1.71	31.40 -1.20 -0.22	27.46 -0.92 -0.44	22.25 -0.73 -0.80
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.09 -0.87 0.00	24.80 -0.79 -0.15	23.48 -0.75 -0.13	21.47 -0.63 -0.28	22.07 -0.67 -0.32	22.24 -0.73 -0.28	21.15 -0.68 -0.72	25.70 -0.93 -0.12	29.94 -1.28 0.00	29.28 -1.22 -0.71	28.83 -1.27 -0.57	26.71 -1.07 -1.05	26.02 -0.99 -0.99	23.60 -0.86 -1.34	22.89 -0.83 -1.28	20.85 -0.71 -1.85	19.66 -0.61 -2.23	25.33 -0.79 -2.26	25.34 -0.82 -2.14	31.16 -0.86 -1.44	30.98 -0.72 -1.74	31.79 -0.81 -0.22	27.72 -0.67 -0.45	22.46 -0.53 -0.81
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.66 -1.30 0.00	24.44 -1.14 -0.15	23.11 -1.11 -0.12	21.16 -0.94 -0.28	21.75 -0.99 -0.31	21.89 -1.07 -0.27	20.80 -1.01 -0.70	25.30 -1.33 -0.12	29.34 -1.87 0.00	28.72 -1.76 -0.69	28.28 -1.80 -0.55	26.26 -1.50 -1.02	25.60 -1.38 -0.97	23.22 -1.20 -1.31	22.54 -1.14 -1.25	20.55 -0.97 -1.81	19.37 -0.85 -2.18	24.94 -1.12 -2.21	24.93 -1.18 -2.09	30.70 -1.28 -1.41	30.52 -1.14 -1.70	31.30 -1.30 -0.22	27.37 -1.01 -0.44	22.18 -0.80 -0.79
STA_56___34_KV_BUS2 355983	27.66 -1.30 0.00	24.44 -1.14 -0.15	23.11 -1.11 -0.12	21.16 -0.94 -0.28	21.75 -0.99 -0.31	21.89 -1.07 -0.27	20.80 -1.01 -0.70	25.30 -1.33 -0.12	29.34 -1.87 0.00	28.72 -1.76 -0.69	28.28 -1.80 -0.55	26.26 -1.50 -1.02	25.60 -1.38 -0.97	23.22 -1.20 -1.31	22.54 -1.14 -1.25	20.55 -0.97 -1.81	19.37 -0.85 -2.18	24.94 -1.12 -2.21	24.93 -1.18 -2.09	30.70 -1.28 -1.41	30.52 -1.14 -1.70	31.30 -1.30 -0.22	27.37 -1.01 -0.44	22.18 -0.80 -0.79
STA_67___115KV_BK2 355882	27.72 -1.25 0.00	24.47 -1.12 -0.15	23.14 -1.08 -0.12	21.18 -0.92 -0.28	21.77 -0.96 -0.31	21.92 -1.04 -0.28	20.82 -0.99 -0.71	25.32 -1.30 -0.12	29.34 -1.87 0.00	28.70 -1.79 -0.69	28.26 -1.83 -0.56	26.24 -1.52 -1.03	25.61 -1.38 -0.97	23.23 -1.20 -1.32	22.55 -1.14 -1.26	20.57 -0.97 -1.82	19.39 -0.85 -2.20	24.96 -1.12 -2.23	24.95 -1.18 -2.11	30.74 -1.25 -1.42	30.53 -1.14 -1.71	31.30 -1.30 -0.22	27.40 -0.98 -0.44	22.21 -0.78 -0.80
STA_7___115KV_9TRANS 80674	27.89 -1.07 0.00	24.62 -0.97 -0.15	23.28 -0.94 -0.12	21.31 -0.79 -0.28	21.90 -0.83 -0.31	22.03 -0.93 -0.28	20.95 -0.87 -0.71	25.46 -1.17 -0.12	29.50 -1.72 0.00	28.91 -1.58 -0.70	28.46 -1.62 -0.56	26.43 -1.34 -1.03	25.79 -1.20 -0.97	23.39 -1.04 -1.32	22.69 -1.01 -1.26	20.69 -0.85 -1.83	19.52 -0.72 -2.20	25.13 -0.95 -2.23	25.09 -1.03 -2.11	30.96 -1.04 -1.42	30.77 -0.90 -1.71	31.56 -1.04 -0.22	27.60 -0.78 -0.44	22.34 -0.64 -0.80
STA_82___115KV_TB1 80780	27.72 -1.25 0.00	24.47 -1.12 -0.15	23.14 -1.08 -0.12	21.18 -0.92 -0.28	21.79 -0.94 -0.31	21.92 -1.04 -0.28	20.85 -0.97 -0.71	25.32 -1.30 -0.12	29.34 -1.87 0.00	28.73 -1.76 -0.70	28.29 -1.80 -0.56	26.24 -1.52 -1.04	25.62 -1.38 -0.98	23.24 -1.20 -1.33	22.56 -1.14 -1.27	20.58 -0.97 -1.83	19.40 -0.85 -2.21	24.97 -1.12 -2.24	24.96 -1.18 -2.12	30.75 -1.25 -1.43	30.57 -1.11 -1.72	31.34 -1.26 -0.22	27.41 -0.98 -0.45	22.21 -0.78 -0.80
STEEL___WIND 323596	26.91 -2.06 0.00	23.53 -2.11 -0.20	22.22 -2.05 -0.17	20.50 -1.70 -0.38	21.05 -1.79 -0.42	21.06 -2.00 -0.37	20.25 -1.82 -0.96	24.28 -2.39 -0.16	28.16 -3.06 0.00	27.25 -3.49 -0.94	26.74 -3.54 -0.76	25.00 -3.13 -1.40	24.50 -2.84 -1.32	22.38 -2.52 -1.79	21.75 -2.40 -1.71	20.07 -2.11 -2.47	19.16 -1.86 -2.98	24.32 -2.55 -3.02	24.33 -2.55 -2.85	29.63 -2.88 -1.92	29.61 -2.67 -2.32	29.70 -2.98 -0.29	26.30 -2.24 -0.60	21.60 -1.66 -1.08
STEPHTWN_115KV_BK_2 55603	30.03 1.07 0.00	27.80 0.89 -1.46	26.16 0.84 -1.22	25.34 0.74 -2.78	26.27 0.76 -3.08	26.20 0.77 -2.74	28.88 0.74 -7.03	28.68 1.01 -1.17	32.47 1.25 0.00	37.86 1.16 -6.90	36.23 1.15 -5.55	37.97 1.02 -10.23	36.72 1.04 -9.66	37.18 0.92 -13.14	35.83 0.85 -12.54	38.58 0.75 -18.12	40.52 0.67 -21.82	46.82 0.83 -22.13	45.80 0.86 -20.91	45.77 1.10 -14.09	48.04 1.11 -16.98	35.67 1.13 -2.15	33.40 1.06 -4.40	30.94 0.82 -7.93
STEUBEN_REC_LFGE 323667	27.69 -1.27 0.00	24.33 -1.37 -0.26	23.09 -1.23 -0.22	21.33 -0.98 -0.50	21.92 -1.05 -0.55	22.04 -1.13 -0.49	21.38 -0.99 -1.26	25.20 -1.51 -0.21	29.34 -1.87 0.00	28.62 -2.41 -1.24	27.87 -2.66 -1.00	26.08 -2.49 -1.83	25.28 -2.47 -1.73	23.20 -2.26 -2.36	22.42 -2.27 -2.25	20.93 -2.03 -3.25	20.17 -1.79 -3.91	25.53 -2.29 -3.97	25.56 -2.21 -3.75	30.60 -2.51 -2.53	30.73 -2.28 -3.04	30.31 -2.46 -0.39	26.66 -2.07 -0.79	22.59 -1.02 -1.42
STILLWATER___SOLAR 323814	30.47 1.51 0.00	28.24 1.30 -1.50	26.56 1.20 -1.25	25.76 1.09 -2.85	26.68 1.10 -3.16	26.63 1.13 -2.81	29.42 1.10 -7.21	29.13 1.43 -1.20	32.96 1.75 0.00	38.57 1.70 -7.08	36.91 1.68 -5.70	38.75 1.52 -10.49	37.43 1.51 -9.91	37.93 1.34 -13.48	36.51 1.21 -12.87	39.36 1.06 -18.59	41.39 0.97 -22.38	47.81 1.26 -22.70	46.77 1.30 -21.45	46.77 1.77 -14.42	49.19 1.86 -17.37	36.46 1.88 -2.20	34.09 1.65 -4.50	31.59 1.29 -8.11
STONY___BROOK 24151	31.68 2.72 0.00	28.79 2.14 -1.21	26.98 1.88 -1.00	25.86 1.77 -2.28	26.63 1.68 -2.53	26.73 1.79 -2.25	28.58 1.71 -5.77	30.14 2.68 -0.96	34.37 3.15 0.00	38.14 2.68 -5.66	36.63 2.54 -4.56	37.43 2.30 -8.40	36.16 2.21 -7.93	35.89 1.99 -10.79	34.91 2.18 -10.30	36.63 1.99 -14.93	38.46 1.88 -18.55	44.54 2.53 -18.16	43.63 2.45 -17.16	45.37 3.21 -11.58	46.96 3.06 -13.95	37.36 3.21 -1.78	34.43 2.88 -3.61	30.61 1.91 -6.51
STURGEON_POOL_HYD 23609	30.55 1.59 0.00	27.84 1.17 -1.23	26.21 1.08 -1.03	25.16 1.00 -2.33	26.07 1.05 -2.59	26.01 1.02 -2.31	27.96 0.95 -5.91	28.73 1.25 -0.98	32.90 1.69 0.00	36.99 1.40 -5.80	35.58 1.39 -4.67	36.61 1.28 -8.59	35.36 1.22 -8.12	35.26 1.11 -11.04	34.07 1.10 -10.54	35.92 0.99 -15.23	37.29 0.92 -18.33	43.69 1.24 -18.60	42.84 1.25 -17.57	43.89 1.47 -11.84	45.66 1.44 -14.26	35.74 1.55 -1.81	32.98 1.34 -3.70	29.89 1.04 -6.66
ST_LAW_115_BK7_LBMP 345037	28.47 -0.49 0.00	25.06 -0.38 0.00	23.76 -0.34 0.00	21.47 -0.35 0.00	22.11 -0.31 0.00	22.39 -0.30 0.00	20.75 -0.36 0.00	26.05 -0.45 0.00	30.72 -0.50 0.00	29.47 -0.33 0.00	29.20 -0.32 0.00	26.39 -0.35 0.00	25.65 -0.36 0.00	22.72 -0.39 0.00	22.01 -0.43 0.00	19.33 -0.38 0.00	17.66 -0.38 0.00	23.37 -0.48 0.00	23.51 -0.51 0.00	29.88 -0.70 0.00	29.15 -0.81 0.00	31.54 -0.84 0.00	27.19 -0.75 0.00	21.65 -0.53 0.00

ST_LAW_115_BK8_LBMP 345038	28.47 -0.49 0.00	25.06 -0.38 0.00	23.76 -0.34 0.00	21.47 -0.35 0.00	22.11 -0.31 0.00	22.39 -0.30 0.00	20.75 -0.36 0.00	26.05 -0.45 0.00	30.72 -0.50 0.00	29.47 -0.33 0.00	29.20 -0.32 0.00	26.39 -0.35 0.00	25.65 -0.36 0.00	22.72 -0.39 0.00	22.01 -0.43 0.00	19.33 -0.38 0.00	17.66 -0.38 0.00	23.37 -0.48 0.00	23.51 -0.51 0.00	29.88 -0.70 0.00	29.15 -0.81 0.00	31.54 -0.84 0.00	27.19 -0.75 0.00	21.65 -0.53 0.00
ST_LAW_230_BK5_LBMP 345035	28.50 -0.46 0.00	25.09 -0.36 0.00	23.78 -0.31 0.00	21.49 -0.33 0.00	22.11 -0.31 0.00	22.41 -0.27 0.00	20.77 -0.34 0.00	26.08 -0.43 0.00	30.75 -0.47 0.00	29.47 -0.33 0.00	29.23 -0.30 0.00	26.41 -0.32 0.00	25.68 -0.34 0.00	22.74 -0.37 0.00	22.03 -0.40 0.00	19.36 -0.35 0.00	17.68 -0.36 0.00	23.40 -0.45 0.00	23.54 -0.48 0.00	29.93 -0.64 0.00	29.21 -0.75 0.00	31.57 -0.81 0.00	27.21 -0.73 0.00	21.68 -0.51 0.00
ST_LAW_230_BK6_LBMP 345036	28.50 -0.46 0.00	25.09 -0.36 0.00	23.78 -0.31 0.00	21.49 -0.33 0.00	22.11 -0.31 0.00	22.41 -0.27 0.00	20.77 -0.34 0.00	26.08 -0.43 0.00	30.75 -0.47 0.00	29.47 -0.33 0.00	29.23 -0.30 0.00	26.41 -0.32 0.00	25.68 -0.34 0.00	22.74 -0.37 0.00	22.03 -0.40 0.00	19.36 -0.35 0.00	17.68 -0.36 0.00	23.40 -0.45 0.00	23.54 -0.48 0.00	29.93 -0.64 0.00	29.21 -0.75 0.00	31.57 -0.81 0.00	27.21 -0.73 0.00	21.68 -0.51 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.35 1.39 0.00	27.75 1.20 -1.11	26.17 1.13 -0.94	24.99 1.05 -2.13	25.86 1.08 -2.36	25.85 1.07 -2.10	27.49 0.99 -5.39	28.73 1.33 -0.90	32.81 1.59 0.00	36.57 1.49 -5.29	35.26 1.48 -4.25	35.93 1.36 -7.83	34.74 1.33 -7.40	34.36 1.18 -10.07	33.23 1.19 -9.61	34.64 1.04 -13.89	35.73 0.97 -16.72	42.10 1.29 -16.96	41.34 1.30 -16.02	42.97 1.59 -10.80	44.49 1.53 -13.01	35.71 1.68 -1.65	32.76 1.45 -3.37	29.37 1.11 -6.08
SWANROAD_115KV_TB1 355699	26.15 -2.81 0.00	22.98 -2.65 -0.18	21.67 -2.58 -0.15	19.98 -2.18 -0.35	20.52 -2.29 -0.39	20.56 -2.47 -0.34	19.73 -2.26 -0.88	23.71 -2.94 -0.15	27.28 -3.93 0.00	26.61 -4.05 -0.87	26.12 -4.10 -0.70	24.41 -3.61 -1.28	23.95 -3.28 -1.21	21.84 -2.91 -1.65	21.23 -2.78 -1.57	19.56 -2.42 -2.27	18.65 -2.13 -2.74	23.69 -2.93 -2.77	23.69 -2.95 -2.62	28.92 -3.42 -1.77	28.91 -3.18 -2.13	29.12 -3.53 -0.27	25.81 -2.68 -0.55	21.14 -2.04 -0.99
SYNERGY___BIOGAS 323694	27.40 -1.56 0.00	24.09 -1.53 -0.17	22.77 -1.47 -0.14	20.90 -1.24 -0.32	21.50 -1.28 -0.36	21.58 -1.43 -0.32	20.55 -1.37 -0.82	24.84 -1.80 -0.14	28.69 -2.53 0.00	28.03 -2.56 -0.80	27.49 -2.69 -0.65	25.62 -2.30 -1.19	25.06 -2.08 -1.12	22.79 -1.85 -1.53	22.12 -1.77 -1.46	20.30 -1.52 -2.11	19.28 -1.30 -2.54	24.68 -1.74 -2.57	24.67 -1.78 -2.43	30.35 -1.87 -1.64	30.25 -1.68 -1.97	30.78 -1.85 -0.25	27.05 -1.40 -0.51	22.02 -1.09 -0.92
SYRACUSE___ENERGY_ST1 323597	28.67 -0.29 0.00	25.31 -0.25 -0.12	23.98 -0.22 -0.10	21.86 -0.20 -0.23	22.46 -0.22 -0.26	22.69 -0.23 -0.23	21.53 -0.17 -0.59	26.31 -0.29 -0.10	30.84 -0.37 0.00	29.99 -0.39 -0.58	29.64 -0.35 -0.47	27.30 -0.29 -0.86	26.54 -0.29 -0.81	23.99 -0.23 -1.11	23.27 -0.22 -1.06	21.06 -0.18 -1.53	19.71 -0.16 -1.84	25.50 -0.21 -1.86	25.59 -0.19 -1.76	31.52 -0.24 -1.19	31.24 -0.15 -1.43	32.40 -0.16 -0.18	28.11 -0.20 -0.37	22.70 -0.16 -0.67
SYRACUSE___ENERGY_ST2 323598	28.67 -0.29 0.00	25.31 -0.25 -0.12	23.98 -0.22 -0.10	21.86 -0.20 -0.23	22.46 -0.22 -0.26	22.69 -0.23 -0.23	21.53 -0.17 -0.59	26.31 -0.29 -0.10	30.84 -0.37 0.00	29.99 -0.39 -0.58	29.64 -0.35 -0.47	27.30 -0.29 -0.86	26.54 -0.29 -0.81	23.99 -0.23 -1.11	23.27 -0.22 -1.06	21.06 -0.18 -1.53	19.71 -0.16 -1.84	25.50 -0.21 -1.86	25.59 -0.19 -1.76	31.52 -0.24 -1.19	31.24 -0.15 -1.43	32.40 -0.16 -0.18	28.11 -0.20 -0.37	22.70 -0.16 -0.67
SYRACUSE___POWER 24017	28.64 -0.32 0.00	25.29 -0.28 -0.13	23.94 -0.27 -0.11	21.84 -0.22 -0.24	22.45 -0.25 -0.27	22.65 -0.27 -0.24	21.51 -0.21 -0.62	26.26 -0.34 -0.10	30.81 -0.41 0.00	29.98 -0.42 -0.61	29.60 -0.41 -0.49	27.28 -0.35 -0.90	26.53 -0.34 -0.85	24.01 -0.25 -1.15	23.29 -0.25 -1.10	21.09 -0.22 -1.59	19.78 -0.18 -1.92	25.56 -0.24 -1.94	25.64 -0.22 -1.84	31.57 -0.24 -1.24	31.27 -0.18 -1.49	32.37 -0.19 -0.19	28.10 -0.22 -0.39	22.71 -0.18 -0.70
TALLMAN___138KV_BK151 55660	30.58 1.62 0.00	27.96 1.37 -1.15	26.39 1.33 -0.96	25.23 1.22 -2.19	26.11 1.26 -2.43	26.10 1.25 -2.16	27.81 1.16 -5.54	28.99 1.56 -0.92	33.12 1.90 0.00	37.02 1.79 -5.44	35.65 1.74 -4.38	36.42 1.63 -8.06	35.22 1.59 -7.61	34.87 1.41 -10.36	33.73 1.41 -9.88	35.25 1.26 -14.28	36.39 1.15 -17.20	42.82 1.53 -17.44	42.01 1.51 -16.48	43.55 1.87 -11.11	45.13 1.80 -13.38	36.09 2.01 -1.70	33.08 1.68 -3.47	29.72 1.29 -6.25
TEALLAVE_115KV_TB7 355573	28.56 -0.41 0.00	25.19 -0.36 -0.11	23.85 -0.34 -0.09	21.74 -0.28 -0.20	22.34 -0.31 -0.23	22.55 -0.34 -0.20	21.35 -0.27 -0.52	26.17 -0.42 -0.09	30.69 -0.53 0.00	29.76 -0.54 -0.51	29.43 -0.50 -0.41	27.06 -0.43 -0.75	26.31 -0.42 -0.71	23.73 -0.35 -0.97	23.04 -0.31 -0.92	20.77 -0.28 -1.33	19.41 -0.23 -1.61	25.17 -0.31 -1.63	25.25 -0.31 -1.54	31.25 -0.37 -1.04	30.91 -0.30 -1.25	32.21 -0.32 -0.16	27.96 -0.31 -0.32	22.53 -0.24 -0.58
TELGRAPH_34_KV_EAST 80808	26.88 -2.09 0.00	23.63 -1.98 -0.18	22.32 -1.93 -0.15	20.54 -1.61 -0.33	21.09 -1.70 -0.37	21.15 -1.86 -0.33	20.22 -1.73 -0.84	24.37 -2.28 -0.14	28.13 -3.09 0.00	27.43 -3.19 -0.83	26.92 -3.28 -0.67	25.13 -2.83 -1.23	24.60 -2.58 -1.16	22.40 -2.29 -1.58	21.76 -2.18 -1.50	20.01 -1.87 -2.17	19.01 -1.64 -2.62	24.26 -2.24 -2.65	24.25 -2.28 -2.51	29.73 -2.54 -1.69	29.69 -2.31 -2.04	30.05 -2.59 -0.26	26.51 -1.96 -0.53	21.65 -1.49 -0.95
TEMPLE___115KV_TB 2 55572	28.56 -0.41 0.00	25.22 -0.33 -0.11	23.88 -0.31 -0.09	21.76 -0.26 -0.21	22.34 -0.31 -0.23	22.57 -0.32 -0.20	21.38 -0.25 -0.52	26.19 -0.40 -0.09	30.72 -0.50 0.00	29.80 -0.51 -0.51	29.47 -0.47 -0.41	27.09 -0.40 -0.76	26.35 -0.39 -0.72	23.77 -0.32 -0.98	23.06 -0.31 -0.94	20.81 -0.26 -1.35	19.45 -0.22 -1.63	25.21 -0.29 -1.65	25.29 -0.29 -1.56	31.29 -0.34 -1.05	30.95 -0.27 -1.27	32.25 -0.29 -0.16	27.99 -0.28 -0.33	22.56 -0.22 -0.59
TIANA____69_KV_BK 1 55817	31.71 2.75 0.00	28.81 2.16 -1.21	27.00 1.90 -1.00	25.91 1.81 -2.28	26.66 1.70 -2.53	26.75 1.81 -2.25	28.60 1.73 -5.77	30.19 2.73 -0.96	34.25 3.03 0.00	37.93 2.47 -5.66	36.42 2.33 -4.56	37.24 2.11 -8.40	35.95 2.00 -7.93	35.68 1.78 -10.79	34.80 2.06 -10.30	36.67 2.03 -14.93	38.53 1.95 -18.54	44.73 2.72 -18.16	43.80 2.62 -17.16	45.48 3.33 -11.57	47.07 3.18 -13.93	37.33 3.17 -1.78	34.34 2.79 -3.61	30.51 1.82 -6.51
TILDEN___115KV_TB1 80814	28.64 -0.32 0.00	25.29 -0.28 -0.13	23.94 -0.27 -0.11	21.84 -0.22 -0.24	22.45 -0.25 -0.27	22.65 -0.27 -0.24	21.51 -0.21 -0.62	26.26 -0.34 -0.10	30.81 -0.41 0.00	29.98 -0.42 -0.61	29.60 -0.41 -0.49	27.28 -0.35 -0.90	26.53 -0.34 -0.85	24.01 -0.25 -1.15	23.29 -0.25 -1.10	21.09 -0.22 -1.59	19.78 -0.18 -1.92	25.56 -0.24 -1.94	25.64 -0.22 -1.84	31.57 -0.24 -1.24	31.27 -0.18 -1.49	32.37 -0.19 -0.39	28.10 -0.22 -0.39	22.71 -0.18 -0.70

TRIGEN___CC 323695	31.13 2.17 0.00	28.38 1.73 -1.21	26.64 1.54 -1.00	25.54 1.44 -2.28	26.36 1.41 -2.53	26.41 1.47 -2.25	28.25 1.37 -5.77	29.58 2.12 -0.96	33.72 2.50 0.00	37.75 2.29 -5.66	36.22 2.13 -4.57	37.09 1.95 -8.40	35.83 1.87 -7.94	35.59 1.69 -10.80	34.45 1.71 -10.30	36.19 1.50 -14.98	38.45 1.37 -19.04	43.90 1.88 -18.17	43.06 1.87 -17.17	44.48 2.32 -11.58	46.18 2.28 -13.94	36.66 2.49 -1.78	33.87 2.32 -3.61	30.24 1.55 -6.51
TRINITY___115KV___4 BK 55933	29.86 0.90 0.00	27.65 0.74 -1.47	26.02 0.70 -1.22	25.23 0.63 -2.78	26.14 0.63 -3.09	26.07 0.64 -2.75	28.74 0.59 -7.04	28.50 0.82 -1.17	32.25 1.03 0.00	37.60 0.89 -6.92	35.98 0.89 -5.56	37.78 0.80 -10.24	36.53 0.83 -9.68	37.02 0.74 -13.17	35.70 0.70 -12.57	38.48 0.61 -18.16	40.44 0.54 -21.86	46.71 0.69 -22.17	45.67 0.70 -20.95	45.58 0.89 -14.12	47.87 0.90 -17.01	35.48 0.94 -2.16	33.24 0.89 -4.41	30.80 0.67 -7.95
UNION___PROCESSING_DRP 323587	27.72 -1.25 0.00	24.50 -1.09 -0.15	23.14 -1.08 -0.12	21.18 -0.92 -0.28	21.79 -0.94 -0.31	21.92 -1.04 -0.28	20.85 -0.97 -0.71	25.32 -1.30 -0.12	29.34 -1.87 0.00	28.73 -1.76 -0.70	28.29 -1.80 -0.56	26.25 -1.52 -1.04	25.62 -1.38 -0.98	23.26 -1.18 -1.33	22.56 -1.14 -1.27	20.58 -0.97 -1.84	19.40 -0.85 -2.21	24.97 -1.12 -2.24	24.96 -1.18 -2.12	30.75 -1.25 -1.43	30.57 -1.11 -1.72	31.34 -1.26 -0.22	27.41 -0.98 -0.45	22.21 -0.78 -0.80
UPPER HUDSON___HYD 24058	30.64 1.68 0.00	28.37 1.42 -1.51	26.71 1.35 -1.26	25.86 1.18 -2.86	26.81 1.21 -3.17	26.78 1.27 -2.83	29.57 1.22 -7.24	29.33 1.62 -1.20	33.22 2.00 0.00	38.87 1.97 -7.11	37.26 2.01 -5.72	39.06 1.79 -10.53	37.74 1.77 -9.95	38.22 1.57 -13.54	36.77 1.41 -12.92	39.60 1.22 -18.67	41.62 1.10 -22.48	48.06 1.41 -22.80	47.03 1.47 -21.54	47.05 1.99 -14.49	49.50 2.10 -17.45	36.67 2.07 -2.21	34.28 1.82 -4.52	31.74 1.40 -8.15
UPPER RAQUET___HYD 24056	28.09 -0.87 0.00	24.78 -0.66 0.00	23.47 -0.63 0.00	21.21 -0.61 0.00	21.84 -0.58 0.00	22.14 -0.54 0.00	20.39 -0.72 0.00	25.60 -0.90 0.00	30.28 -0.94 0.00	28.99 -0.80 0.00	28.73 -0.80 0.00	25.90 -0.83 0.00	25.16 -0.86 0.00	22.25 -0.85 0.00	21.56 -0.88 0.00	18.96 -0.75 0.00	17.32 -0.72 0.00	22.94 -0.91 0.00	23.13 -0.89 0.00	29.38 -1.19 0.00	28.61 -1.35 0.00	30.96 -1.42 0.00	26.63 -1.31 0.00	21.21 -0.98 0.00
VALLEY44_115KV_TB2 355964	27.37 -1.59 0.00	23.56 -2.11 -0.23	22.26 -2.02 -0.19	20.57 -1.68 -0.44	21.14 -1.77 -0.48	21.17 -1.95 -0.43	20.44 -1.77 -1.10	24.33 -2.36 -0.18	28.85 -2.37 0.00	27.48 -3.40 -1.08	26.91 -3.48 -0.87	25.26 -3.07 -1.60	24.72 -2.81 -1.52	22.65 -2.52 -2.06	22.00 -2.40 -1.97	20.41 -2.15 -2.84	19.57 -1.89 -3.42	24.75 -2.58 -3.47	24.73 -2.57 -3.28	29.85 -2.94 -2.21	29.90 -2.73 -2.66	29.71 -3.01 -0.34	26.28 -2.35 -0.69	21.70 -1.73 -1.24
VALLEY___115KV_TB 1-4 80826	29.37 0.41 0.00	25.80 0.36 0.00	24.43 0.34 0.00	22.10 0.28 0.00	22.74 0.31 0.00	23.03 0.34 0.00	21.40 0.30 0.00	27.01 0.50 0.00	31.87 0.66 0.00	30.48 0.69 0.00	30.18 0.65 0.00	27.24 0.51 0.00	26.41 0.39 0.00	23.39 0.28 0.00	22.62 0.18 0.00	19.71 0.00 0.00	17.95 -0.09 0.00	23.66 -0.19 0.00	23.78 -0.24 0.00	30.21 -0.37 0.00	29.60 -0.36 0.00	32.02 -0.36 0.00	27.72 -0.22 0.00	21.96 -0.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.29 1.33 0.00	27.10 1.14 -0.51	25.56 1.04 -0.43	23.73 0.94 -0.97	24.51 1.01 -1.08	24.62 0.98 -0.96	24.50 0.93 -2.46	28.21 1.30 -0.41	32.87 1.65 0.00	33.79 1.58 -2.42	33.01 1.54 -1.95	31.71 1.39 -3.58	30.68 1.27 -3.38	28.87 1.16 -4.60	28.04 1.21 -4.39	27.08 1.02 -6.35	26.60 0.92 -7.64	32.82 1.22 -7.75	32.62 1.27 -7.33	37.07 1.56 -4.94	37.43 1.53 -5.95	34.82 1.68 -0.75	30.91 1.42 -1.54	26.03 1.06 -2.78
VISCHER___FERRY HYD 24020	30.27 1.30 0.00	27.99 1.07 -1.48	26.35 1.01 -1.24	25.55 0.92 -2.81	26.49 0.94 -3.12	26.42 0.95 -2.78	29.13 0.91 -7.12	28.91 1.22 -1.18	32.69 1.47 0.00	38.18 1.40 -6.99	36.54 1.39 -5.62	38.35 1.26 -10.36	37.05 1.25 -9.78	37.53 1.11 -13.31	36.17 1.03 -12.70	38.97 0.91 -18.35	40.97 0.83 -22.10	47.36 1.10 -22.41	46.31 1.11 -21.18	46.39 1.59 -14.23	48.68 1.59 -17.14	36.21 1.65 -2.17	33.83 1.45 -4.44	31.30 1.11 -8.01
V_A_10_SYNC_DSASP 323832	26.93 -2.03 0.00	23.78 -1.83 -0.17	22.45 -1.78 -0.14	20.65 -1.48 -0.31	21.20 -1.57 -0.35	21.29 -1.70 -0.31	20.34 -1.56 -0.79	24.60 -2.04 -0.13	28.28 -2.94 0.00	27.68 -2.89 -0.78	27.23 -2.92 -0.63	25.35 -2.54 -1.16	24.82 -2.29 -1.09	22.61 -1.99 -1.49	21.97 -1.88 -1.42	20.12 -1.64 -2.05	19.06 -1.44 -2.47	24.37 -1.98 -2.50	24.39 -1.99 -2.36	29.91 -2.26 -1.59	29.81 -2.07 -1.92	30.26 -2.36 -0.24	26.68 -1.76 -0.50	21.73 -1.35 -0.90
V_CMM_10_SYNC_DSASP 323787	28.58 -0.38 0.00	25.16 -0.28 0.00	23.86 -0.24 0.00	21.56 -0.26 0.00	22.20 -0.22 0.00	22.48 -0.20 0.00	20.83 -0.27 0.00	26.16 -0.35 0.00	30.84 -0.37 0.00	29.59 -0.21 0.00	29.32 -0.21 0.00	26.49 -0.24 0.00	25.76 -0.26 0.00	22.81 -0.30 0.00	22.10 -0.34 0.00	19.41 -0.30 0.00	17.73 -0.31 0.00	23.47 -0.38 0.00	23.59 -0.43 0.00	30.00 -0.58 0.00	29.27 -0.69 0.00	31.67 -0.71 0.00	27.27 -0.67 0.00	21.74 -0.44 0.00
V_CMP_10_SYNC_DSASP 323788	28.79 -0.17 0.00	25.32 -0.13 0.00	24.05 -0.05 0.00	21.73 -0.09 0.00	22.33 -0.09 0.00	22.60 -0.09 0.00	20.94 -0.17 0.00	26.37 -0.13 0.00	31.31 0.09 0.00	30.12 0.33 0.00	29.91 0.38 0.00	26.95 0.21 0.00	26.17 0.16 0.00	23.11 0.00 0.00	22.32 -0.11 0.00	19.53 -0.18 0.00	17.77 -0.27 0.00	23.54 -0.31 0.00	23.66 -0.36 0.00	30.09 -0.49 0.00	29.18 -0.78 0.00	31.44 -0.94 0.00	27.04 -0.90 0.00	21.57 -0.62 0.00
V_D_10_SYNC_DSASP 323841	28.70 -0.26 0.00	25.29 -0.15 0.00	23.98 -0.12 0.00	21.67 -0.15 0.00	22.31 -0.11 0.00	22.62 -0.07 0.00	20.94 -0.17 0.00	26.27 -0.24 0.00	31.00 -0.22 0.00	29.70 -0.09 0.00	29.44 -0.09 0.00	26.60 -0.13 0.00	25.86 -0.16 0.00	22.90 -0.21 0.00	22.17 -0.27 0.00	19.47 -0.24 0.00	17.79 -0.25 0.00	23.54 -0.31 0.00	23.71 -0.31 0.00	30.15 -0.43 0.00	29.39 -0.57 0.00	31.80 -0.58 0.00	27.38 -0.56 0.00	21.83 -0.36 0.00
V_E_10_SYNC_DSASP 323830	30.03 1.07 0.00	26.68 0.87 -0.37	25.15 0.75 -0.31	23.24 0.72 -0.70	24.01 0.81 -0.78	24.22 0.84 -0.69	23.75 0.87 -1.77	28.07 1.27 -0.30	32.93 1.72 0.00	33.08 1.55 -1.74	32.32 1.39 -1.40	30.46 1.15 -2.58	29.42 0.96 -2.44	27.28 0.86 -3.32	26.50 0.90 -3.17	25.05 0.77 -4.58	24.25 0.70 -5.51	30.39 0.95 -5.59	30.43 1.13 -5.28	35.48 1.34 -3.56	35.56 1.32 -4.29	34.38 1.46 -0.54	30.22 1.17 -1.11	24.99 0.80 -2.00
V_F_30_NSYNC___DSASP 323816	30.50 1.53 0.00	28.27 1.32 -1.50	26.58 1.23 -1.26	25.76 1.09 -2.86	26.71 1.12 -3.17	26.66 1.16 -2.82	29.45 1.12 -7.22	29.16 1.46 -1.20	33.00 1.78 0.00	38.61 1.73 -7.09	36.95 1.71 -5.71	38.79 1.55 -10.51	37.48 1.53 -9.93	37.98 1.36 -13.51	36.58 1.26 -12.89	39.42 1.08 -18.62	41.45 0.99 -22.42	47.86 1.26 -22.75	46.81 1.30 -21.49	46.83 1.80 -14.45	49.22 1.86 -17.41	36.47 1.88 -2.21	34.13 1.68 -4.51	31.60 1.29 -8.13

V_F_30_SYNC_DSASP 323786	29.89 0.93 0.00	27.68 0.76 -1.47	26.05 0.72 -1.23	25.27 0.65 -2.80	26.20 0.67 -3.11	26.13 0.68 -2.77	28.83 0.63 -7.09	28.56 0.87 -1.18	32.28 1.06 0.00	37.74 0.98 -6.96	36.10 0.97 -5.60	37.90 0.86 -10.31	36.64 0.88 -9.74	37.15 0.79 -13.25	35.83 0.74 -12.65	38.64 0.65 -18.28	40.62 0.58 -22.00	46.91 0.74 -22.32	45.86 0.74 -21.09	45.74 0.95 -14.21	48.01 0.93 -17.12	35.52 0.97 -2.17	33.30 0.92 -4.44	30.89 0.71 -8.00
V_XM_10_SYNC_DSASP 323789	28.79 -0.17 0.00	25.32 -0.13 0.00	24.05 -0.05 0.00	21.73 -0.09 0.00	22.33 -0.09 0.00	22.60 -0.09 0.00	20.94 -0.17 0.00	26.37 -0.13 0.00	31.31 0.09 0.00	30.12 0.33 0.00	29.91 0.38 0.00	26.95 0.21 0.00	26.17 0.16 0.00	23.11 0.00 0.00	22.32 -0.11 0.00	19.53 -0.18 0.00	17.77 -0.27 0.00	23.54 -0.31 0.00	23.66 -0.36 0.00	30.09 -0.49 0.00	29.18 -0.78 0.00	31.44 -0.94 0.00	27.04 -0.90 0.00	21.57 -0.62 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.64 1.68 0.00	28.05 1.45 -1.16	26.44 1.37 -0.97	25.29 1.27 -2.21	26.17 1.30 -2.45	26.25 1.38 -2.18	28.00 1.31 -5.58	29.16 1.72 -0.93	33.31 2.09 0.00	37.24 1.97 -5.48	35.86 1.92 -4.41	36.62 1.79 -8.10	35.39 1.72 -7.65	35.07 1.55 -10.41	33.90 1.53 -9.93	35.47 1.36 -14.40	36.56 1.19 -17.33	43.01 1.57 -17.58	42.22 1.59 -16.61	43.73 1.96 -11.20	45.33 1.89 -13.49	36.16 2.07 -1.71	33.20 1.76 -3.50	29.82 1.33 -6.30
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.87 1.91 0.00	28.30 1.65 -1.21	26.62 1.52 -1.00	25.49 1.40 -2.28	26.41 1.46 -2.53	26.36 1.43 -2.25	28.20 1.33 -5.76	29.27 1.80 -0.96	33.40 2.19 0.00	37.51 2.06 -5.66	36.12 2.04 -4.55	37.02 1.90 -8.39	35.73 1.80 -7.92	35.50 1.62 -10.78	34.34 1.62 -10.29	36.01 1.44 -14.86	37.27 1.33 -17.89	43.76 1.76 -18.15	42.90 1.73 -17.15	44.27 2.14 -11.56	45.92 2.04 -13.92	36.48 2.33 -1.77	33.48 1.93 -3.61	30.13 1.44 -6.50
W50THST__13_KV_LOAD 356117	31.02 2.06 0.00	28.41 1.76 -1.21	26.71 1.61 -1.00	25.58 1.48 -2.28	26.50 1.55 -2.53	26.46 1.52 -2.25	28.31 1.44 -5.76	29.40 1.93 -0.96	33.56 2.34 0.00	37.69 2.23 -5.66	36.27 2.19 -4.55	37.15 2.03 -8.39	35.89 1.95 -7.92	35.62 1.73 -10.78	34.47 1.75 -10.29	36.13 1.56 -14.86	37.36 1.43 -17.89	43.91 1.91 -18.15	43.04 1.87 -17.15	44.46 2.32 -11.56	46.07 2.19 -13.92	36.64 2.49 -1.77	33.62 2.07 -3.61	30.24 1.55 -6.50
WADING RIVER_IC_1 23522	31.66 2.69 0.00	28.74 2.09 -1.21	26.96 1.86 -1.00	25.86 1.77 -2.28	26.59 1.64 -2.53	26.71 1.77 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.18 2.97 0.00	37.69 2.24 -5.66	36.19 2.10 -4.56	37.03 1.90 -8.40	35.74 1.79 -7.93	35.49 1.59 -10.79	34.73 2.00 -10.30	36.61 1.97 -14.93	38.46 1.88 -18.54	44.57 2.55 -18.16	43.63 2.45 -17.16	45.37 3.21 -11.58	46.96 3.06 -13.95	37.17 3.01 -1.78	34.24 2.68 -3.61	30.45 1.75 -6.51
WADING RIVER_IC_2 23547	31.66 2.69 0.00	28.74 2.09 -1.21	26.96 1.86 -1.00	25.86 1.77 -2.28	26.59 1.64 -2.53	26.71 1.77 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.18 2.97 0.00	37.69 2.24 -5.66	36.19 2.10 -4.56	37.03 1.90 -8.40	35.74 1.79 -7.93	35.49 1.59 -10.79	34.73 2.00 -10.30	36.61 1.97 -14.93	38.46 1.88 -18.54	44.57 2.55 -18.16	43.63 2.45 -17.16	45.37 3.21 -11.58	46.96 3.06 -13.95	37.17 3.01 -1.78	34.24 2.68 -3.61	30.45 1.75 -6.51
WADING RIVER_IC_3 23601	31.66 2.69 0.00	28.74 2.09 -1.21	26.96 1.86 -1.00	25.86 1.77 -2.28	26.59 1.64 -2.53	26.71 1.77 -2.25	28.56 1.69 -5.77	30.11 2.65 -0.96	34.18 2.97 0.00	37.69 2.24 -5.66	36.19 2.10 -4.56	37.03 1.90 -8.40	35.74 1.79 -7.93	35.49 1.59 -10.79	34.73 2.00 -10.30	36.61 1.97 -14.93	38.46 1.88 -18.54	44.57 2.55 -18.16	43.63 2.45 -17.16	45.37 3.21 -11.58	46.96 3.06 -13.95	37.17 3.01 -1.78	34.24 2.68 -3.61	30.45 1.75 -6.51
WALDENNY_12_KV_BK2 80841	26.91 -2.06 0.00	23.53 -2.11 -0.20	22.21 -2.05 -0.17	20.49 -1.70 -0.38	21.05 -1.79 -0.42	21.06 -2.00 -0.37	20.24 -1.82 -0.95	24.28 -2.39 -0.16	28.16 -3.06 0.00	27.27 -3.46 -0.93	26.77 -3.51 -0.75	25.02 -3.10 -1.38	24.54 -2.78 -1.31	22.42 -2.47 -1.78	21.78 -2.36 -1.70	20.09 -2.07 -2.45	19.17 -1.82 -2.95	24.32 -2.53 -3.00	24.33 -2.52 -2.83	29.64 -2.84 -1.91	29.62 -2.64 -2.30	29.72 -2.95 -0.29	26.33 -2.21 -0.60	21.62 -1.64 -1.07
WALDEN__HYDRO 24148	30.47 1.51 0.00	27.90 1.30 -1.16	26.27 1.20 -0.97	25.14 1.11 -2.21	26.04 1.17 -2.45	26.00 1.13 -2.18	27.75 1.06 -5.58	28.84 1.40 -0.93	32.90 1.69 0.00	36.86 1.58 -5.48	35.47 1.54 -4.41	36.27 1.42 -8.12	35.07 1.38 -7.68	34.78 1.22 -10.44	33.61 1.21 -9.97	35.19 1.08 -14.40	36.38 1.01 -17.34	42.77 1.34 -17.58	42.01 1.37 -16.62	43.43 1.65 -11.20	45.09 1.65 -13.49	35.87 1.78 -1.71	32.95 1.51 -3.50	29.66 1.18 -6.30
WARRENSBURG____ 23737	30.61 1.65 0.00	28.37 1.42 -1.51	26.68 1.33 -1.26	25.86 1.18 -2.86	26.81 1.21 -3.17	26.76 1.25 -2.83	29.57 1.22 -7.24	29.33 1.62 -1.20	33.18 1.97 0.00	38.87 1.97 -7.11	37.23 1.98 -5.72	39.03 1.76 -10.53	37.71 1.74 -9.95	38.22 1.57 -13.54	36.75 1.39 -12.92	39.58 1.20 -18.67	41.60 1.08 -22.48	48.06 1.41 -22.80	47.01 1.44 -21.54	47.05 1.96 -14.52	49.51 2.07 -17.49	36.64 2.04 -2.22	34.26 1.79 -4.53	31.75 1.40 -8.17
WATERSIDE____6 8 9 23538	30.99 2.03 0.00	28.40 1.76 -1.21	26.71 1.61 -1.00	25.58 1.48 -2.28	26.50 1.55 -2.53	26.43 1.50 -2.25	28.31 1.44 -5.76	29.37 1.91 -0.96	33.50 2.28 0.00	37.63 2.17 -5.66	36.21 2.13 -4.55	37.10 1.98 -8.39	35.84 1.90 -7.92	35.60 1.71 -10.78	34.43 1.71 -10.29	36.09 1.52 -14.86	37.32 1.39 -17.89	43.86 1.86 -18.15	43.00 1.83 -17.15	44.40 2.26 -11.56	46.01 2.13 -13.92	36.57 2.43 -1.77	33.59 2.04 -3.61	30.22 1.53 -6.50
WATKINRD_115KV_LN8_ILLION 55919	29.25 0.29 0.00	25.70 0.25 0.00	24.31 0.22 0.00	22.01 0.20 0.00	22.65 0.22 0.00	22.91 0.23 0.00	21.32 0.21 0.00	26.85 0.34 0.00	31.65 0.44 0.00	30.24 0.45 0.00	29.94 0.41 0.00	27.08 0.35 0.00	26.30 0.29 0.00	23.32 0.21 0.00	22.62 0.18 0.00	19.79 0.08 0.00	18.07 0.04 0.00	23.85 0.00 0.00	24.02 0.00 0.00	30.55 -0.03 0.00	29.93 -0.03 0.00	32.35 -0.03 0.00	27.97 0.03 0.00	22.16 -0.02 0.00
WATSON__69_KV_BK 1 55734	31.80 2.84 0.00	28.89 2.24 -1.21	27.10 2.00 -1.00	25.95 1.85 -2.28	26.74 1.79 -2.53	26.84 1.91 -2.25	28.67 1.79 -5.77	30.25 2.78 -0.96	34.40 3.18 0.00	38.32 2.86 -5.66	36.84 2.75 -4.56	37.62 2.49 -8.40	36.32 2.37 -7.93	36.03 2.13 -10.79	34.98 2.24 -10.30	36.71 2.07 -14.93	38.57 1.97 -18.57	44.73 2.72 -18.16	43.83 2.64 -17.16	45.54 3.39 -11.57	47.13 3.24 -13.94	37.56 3.40 -1.78	34.60 3.05 -3.61	30.69 2.00 -6.51
WDELAWARE__HYD 323627	30.32 1.36 0.00	27.68 1.15 -1.09	26.10 1.09 -0.91	24.88 0.98 -2.08	25.78 1.05 -2.30	25.74 1.00 -2.05	27.32 0.95 -5.26	28.60 1.22 -0.87	32.69 1.47 0.00	36.33 1.37 -5.16	34.98 1.30 -4.15	35.59 1.20 -7.65	34.39 1.14 -7.23	33.98 1.04 -9.83	32.85 1.03 -9.38	34.15 0.89 -13.56	35.21 0.85 -16.32	41.55 1.14 -16.55	40.89 1.22 -15.64	42.56 1.44 -10.55	44.10 1.44 -12.71	35.51 1.52 -1.61	32.58 1.34 -3.29	29.19 1.06 -5.94

WEST BABYLON___IC 23714	31.68 2.72 0.00	28.79 2.14 -1.21	27.00 1.90 -1.00	25.86 1.77 -2.28	26.66 1.70 -2.53	26.75 1.81 -2.25	28.58 1.71 -5.77	30.11 2.65 -0.96	34.28 3.06 0.00	38.23 2.77 -5.66	36.75 2.66 -4.56	37.51 2.38 -8.40	36.24 2.29 -7.93	35.96 2.06 -10.79	34.89 2.15 -10.30	36.58 1.93 -14.94	38.47 1.82 -18.61	44.54 2.53 -18.16	43.66 2.47 -17.17	45.30 3.15 -11.57	46.92 3.03 -13.94	37.36 3.21 -1.78	34.46 2.91 -3.61	30.60 1.91 -6.51
WEST CANADA___HYD 24049	29.08 0.12 0.00	25.55 0.10 0.00	24.19 0.10 0.00	21.91 0.09 0.00	22.51 0.09 0.00	22.78 0.09 0.00	21.19 0.08 0.00	26.64 0.13 0.00	31.41 0.19 0.00	29.94 0.15 0.00	29.68 0.15 0.00	26.87 0.13 0.00	26.15 0.13 0.00	23.22 0.12 0.00	22.55 0.11 0.00	19.81 0.10 0.00	18.13 0.09 0.00	23.95 0.10 0.00	24.14 0.12 0.00	30.70 0.12 0.00	30.11 0.15 0.00	32.51 0.13 0.00	28.08 0.14 0.00	22.28 0.09 0.00
WESTERN_NY_WIND 24143	27.34 -1.62 0.00	24.04 -1.58 -0.17	22.72 -1.52 -0.14	20.88 -1.27 -0.33	21.46 -1.32 -0.36	21.51 -1.50 -0.32	20.52 -1.41 -0.83	24.79 -1.86 -0.14	28.63 -2.59 0.00	27.95 -2.65 -0.81	27.44 -2.75 -0.65	25.58 -2.35 -1.20	25.02 -2.13 -1.14	22.74 -1.92 -1.55	22.10 -1.82 -1.48	20.29 -1.56 -2.13	19.27 -1.33 -2.57	24.67 -1.79 -2.61	24.63 -1.85 -2.46	30.31 -1.93 -1.66	30.22 -1.74 -2.00	30.69 -1.94 -0.25	27.00 -1.45 -0.52	21.99 -1.13 -0.93
WESTOVER___LESR 323668	28.87 -0.09 0.00	25.65 -0.18 -0.38	24.25 -0.17 -0.32	22.44 -0.11 -0.73	23.10 -0.13 -0.81	23.22 -0.18 -0.72	22.82 -0.13 -1.84	26.60 -0.21 -0.31	30.97 -0.25 0.00	31.16 -0.45 -1.81	30.51 -0.47 -1.46	29.01 -0.40 -2.68	28.18 -0.36 -2.53	26.25 -0.30 -3.44	25.43 -0.29 -3.29	24.22 -0.24 -4.75	23.56 -0.20 -5.72	29.39 -0.26 -5.80	29.28 -0.22 -5.48	34.06 -0.21 -3.69	34.26 -0.15 -4.45	32.78 -0.16 -0.56	28.95 -0.14 -1.15	24.18 -0.09 -2.08
WETHRSFD_WT_PWR 323626	27.11 -1.85 0.00	23.78 -1.88 -0.22	22.48 -1.81 -0.19	20.78 -1.46 -0.42	21.37 -1.53 -0.47	21.43 -1.68 -0.42	20.66 -1.52 -1.07	24.59 -2.09 -0.18	28.47 -2.75 0.00	27.69 -3.16 -1.05	27.04 -3.34 -0.85	25.27 -3.02 -1.56	24.66 -2.84 -1.48	22.51 -2.61 -2.01	21.79 -2.56 -1.92	20.21 -2.27 -2.77	19.37 -2.00 -3.33	24.58 -2.65 -3.38	24.65 -2.57 -3.20	29.83 -2.91 -2.15	29.89 -2.67 -2.59	29.76 -2.95 -0.33	26.32 -2.29 -0.67	21.73 -1.66 -1.21
WHAVSTOR_138KV_BK127 55557	30.55 1.59 0.00	27.95 1.35 -1.16	26.37 1.30 -0.97	25.23 1.20 -2.21	26.11 1.23 -2.45	26.10 1.23 -2.19	27.85 1.14 -5.60	28.97 1.54 -0.93	33.06 1.84 0.00	37.02 1.73 -5.50	35.66 1.71 -4.42	36.48 1.60 -8.15	35.25 1.53 -7.70	34.97 1.39 -10.47	33.82 1.39 -9.99	35.37 1.22 -14.44	36.56 1.14 -17.38	42.98 1.50 -17.63	42.17 1.49 -16.66	43.64 1.83 -11.23	45.25 1.77 -13.52	36.07 1.98 -1.72	33.12 1.68 -3.51	29.77 1.26 -6.32
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.55 1.59 0.00	27.95 1.35 -1.16	26.37 1.30 -0.97	25.23 1.20 -2.21	26.11 1.23 -2.45	26.10 1.23 -2.19	27.85 1.14 -5.60	28.97 1.54 -0.93	33.06 1.84 0.00	37.02 1.73 -5.50	35.66 1.71 -4.42	36.48 1.60 -8.15	35.25 1.53 -7.70	34.97 1.39 -10.47	33.82 1.39 -9.99	35.37 1.22 -14.44	36.56 1.14 -17.38	42.98 1.50 -17.63	42.17 1.49 -16.66	43.64 1.83 -11.23	45.25 1.77 -13.52	36.07 1.98 -1.72	33.12 1.68 -3.51	29.77 1.26 -6.32
WHITEHAL_115KV_TB1 80871	31.16 2.20 0.00	28.86 1.91 -1.50	27.14 1.78 -1.26	26.23 1.55 -2.86	27.21 1.61 -3.17	27.19 1.68 -2.82	29.97 1.63 -7.23	29.83 2.12 -1.20	33.78 2.56 0.00	39.43 2.53 -7.10	37.78 2.54 -5.71	39.50 2.25 -10.52	38.20 2.24 -9.94	38.62 1.99 -13.53	37.12 1.77 -12.91	39.90 1.54 -18.65	41.90 1.41 -22.45	48.44 1.81 -22.78	47.44 1.90 -21.52	47.68 2.60 -14.50	50.16 2.73 -17.47	37.28 2.69 -2.22	34.82 2.35 -4.53	32.17 1.82 -8.16
WHITEPLN_13_KV_LOAD 356215	30.93 1.97 0.00	28.33 1.68 -1.20	26.64 1.54 -1.00	25.51 1.42 -2.27	26.42 1.48 -2.52	26.43 1.50 -2.25	28.25 1.39 -5.75	29.34 1.88 -0.96	33.50 2.28 0.00	37.65 2.20 -5.65	36.23 2.16 -4.54	37.11 2.00 -8.37	35.85 1.93 -7.91	35.60 1.73 -10.76	34.43 1.73 -10.26	36.08 1.54 -14.83	37.34 1.44 -17.86	43.89 1.93 -18.11	43.01 1.87 -17.11	44.50 2.39 -11.53	46.13 2.28 -13.89	36.64 2.49 -1.76	33.61 2.07 -3.60	30.23 1.55 -6.49
WM_FLOYD_69_KV_BK2 356380	31.68 2.72 0.00	28.76 2.11 -1.21	26.96 1.86 -1.00	25.89 1.79 -2.28	26.61 1.66 -2.53	26.73 1.79 -2.25	28.58 1.71 -5.77	30.14 2.68 -0.96	34.18 2.97 0.00	37.93 2.47 -5.66	36.42 2.33 -4.56	37.24 2.11 -8.40	35.95 2.00 -7.93	35.68 1.78 -10.79	34.80 2.06 -10.30	36.61 1.97 -14.93	38.48 1.89 -18.54	44.66 2.65 -18.16	43.73 2.55 -17.16	45.42 3.27 -11.57	46.98 3.09 -13.93	37.30 3.14 -1.78	34.34 2.79 -3.61	30.49 1.80 -6.51
WOODARD___115KV_TB2 355635	28.53 -0.43 0.00	25.17 -0.38 -0.11	23.83 -0.36 -0.09	21.72 -0.31 -0.21	22.32 -0.34 -0.23	22.53 -0.36 -0.21	21.34 -0.30 -0.53	26.14 -0.45 -0.09	30.66 -0.56 0.00	29.77 -0.54 -0.52	29.41 -0.53 -0.42	27.05 -0.45 -0.77	26.30 -0.44 -0.72	23.75 -0.35 -0.99	23.04 -0.34 -0.94	20.77 -0.30 -1.36	19.42 -0.25 -1.64	25.18 -0.33 -1.66	25.25 -0.34 -1.57	31.24 -0.40 -1.06	30.90 -0.33 -1.27	32.19 -0.36 -0.16	27.93 -0.34 -0.33	22.51 -0.27 -0.59
YORK___WARBASSE 23770	31.23 2.26 -0.01	28.62 1.96 -1.21	26.92 1.81 -1.01	25.76 1.66 -2.28	26.68 1.73 -2.53	26.61 1.68 -2.25	28.46 1.58 -5.77	29.59 2.12 -0.97	33.75 2.53 -0.01	37.85 2.38 -5.67	36.42 2.33 -4.56	37.32 2.19 -8.39	36.05 2.11 -7.93	35.77 1.87 -10.79	34.62 1.88 -10.29	36.26 1.68 -14.87	37.47 1.53 -17.90	44.06 2.05 -18.16	43.20 2.02 -17.16	44.61 2.48 -11.56	46.25 2.37 -13.92	36.87 2.72 -1.77	33.82 2.26 -3.62	30.41 1.71 -6.51