

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses										--- Marginal Cost of Congestion										08/20/2025	
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	33.98	30.43	29.31	28.43	28.87	30.40	37.39	42.23	42.27	43.52	42.45	44.82	45.17	52.47	53.43	54.39	58.18	62.79	62.57	59.70	54.75	51.61	42.83	38.38													
		1.49	1.23	1.07	0.99	1.06	1.17	1.88	2.05	2.39	2.29	2.15	2.13	2.27	2.19	2.13	2.19	2.77	3.01	2.67	2.39	2.00	1.79	1.52	1.25													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.36	-0.51	-0.98	-0.94	-1.72	-1.72	-1.35	-1.11	-0.84	-0.54	-0.31	0.00	0.00	-0.16	-0.39													
74TH STREET_GT_1	24260	34.04	30.49	29.37	28.48	28.90	30.43	37.39	42.23	42.27	43.52	42.49	44.86	45.22	52.52	53.48	54.39	58.24	62.85	62.63	59.82	54.86	51.71	42.91	38.45													
		1.56	1.28	1.13	1.04	1.08	1.20	1.88	2.05	2.39	2.29	2.19	2.17	2.31	2.23	2.18	2.19	2.82	3.07	2.73	2.51	2.11	1.89	1.60	1.32													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.36	-0.51	-0.98	-0.94	-1.72	-1.72	-1.35	-1.11	-0.84	-0.54	-0.31	0.00	0.00	-0.16	-0.39													
74TH STREET_GT_2	24261	34.04	30.49	29.37	28.48	28.90	30.43	37.39	42.23	42.27	43.52	42.49	44.86	45.22	52.52	53.48	54.39	58.24	62.85	62.63	59.82	54.86	51.71	42.91	38.45													
		1.56	1.28	1.13	1.04	1.08	1.20	1.88	2.05	2.39	2.29	2.19	2.17	2.31	2.23	2.18	2.19	2.82	3.07	2.73	2.51	2.11	1.89	1.60	1.32													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.36	-0.51	-0.98	-0.94	-1.72	-1.72	-1.35	-1.11	-0.84	-0.54	-0.31	0.00	0.00	-0.16	-0.39													
ADK HUDSON___FALLS	24011	33.65	30.17	29.20	28.32	28.76	30.28	36.79	41.43	41.06	41.68	39.91	41.40	41.73	47.71	48.53	50.26	53.98	59.06	60.53	58.29	54.38	51.01	42.13	37.46													
		1.17	0.96	0.96	0.88	0.95	1.05	1.28	1.25	1.35	1.10	0.52	0.46	0.50	0.49	0.30	0.46	0.54	0.77	1.60	1.54	1.64	1.20	1.11	1.03													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.28	0.40	0.77	0.73	1.34	1.34	1.05	0.87	0.65	0.42	0.24	0.00	0.00	0.12	0.31													
ADK RESOURCE___RCVRY	23798	33.72	30.20	29.23	28.35	28.79	30.31	36.82	41.47	41.11	41.69	39.88	41.37	41.66	47.73	48.55	50.28	53.93	59.01	60.66	58.41	54.43	51.01	42.17	37.50													
		1.23	0.99	0.99	0.90	0.97	1.08	1.31	1.29	1.39	1.10	0.48	0.42	0.42	0.49	0.30	0.46	0.49	0.71	1.72	1.65	1.69	1.19	1.15	1.07													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.28	0.39	0.76	0.72	1.32	1.32	1.04	0.85	0.64	0.42	0.24	0.00	0.00	0.12	0.30													
ADK S GLENS___FALLS	24028	33.65	30.17	29.20	28.32	28.76	30.28	36.79	41.43	41.06	41.68	39.91	41.40	41.73	47.71	48.53	50.26	53.98	59.06	60.53	58.29	54.38	51.01	42.13	37.46													
		1.17	0.96	0.96	0.88	0.95	1.05	1.28	1.25	1.35	1.10	0.52	0.46	0.50	0.49	0.30	0.46	0.54	0.77	1.60	1.54	1.64	1.20	1.11	1.03													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.28	0.40	0.77	0.73	1.34	1.34	1.05	0.87	0.65	0.42	0.24	0.00	0.00	0.12	0.31													
ADK_NYS___DAM	23527	33.46	30.20	29.20	28.38	28.76	30.20	36.68	41.31	40.81	41.32	39.88	40.93	41.31	46.45	47.48	49.44	53.53	58.88	59.81	57.70	53.91	50.66	41.60	36.71													
		0.97	0.99	0.96	0.93	0.95	0.96	1.17	1.12	1.19	1.10	1.00	0.96	1.01	0.92	0.94	0.96	1.19	1.41	1.42	1.25	1.16	0.85	0.74	0.66													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.64	0.91	1.74	1.66	3.03	3.04	2.38	1.96	1.48	0.96	0.55	0.00	0.01	0.28	0.69													
AIR_PRODUCTS___DRP	24190	32.32	29.17	28.24	27.41	27.81	29.20	35.37	39.78	39.52	40.21	38.97	40.46	40.83	46.68	47.57	49.08	52.73	57.61	58.21	55.99	52.01	48.97	40.38	35.92													
		-0.16	-0.03	0.00	-0.03	0.00	-0.03	-0.14	-0.40	-0.20	-0.41	-0.48	-0.58	-0.50	-0.73	-0.84	-0.86	-0.81	-0.77	-0.77	-0.80	-0.74	-0.85	-0.66	-0.55													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.25	0.35	0.66	0.64	1.16	1.16	0.91	0.75	0.57	0.37	0.21	0.00	0.00	0.11	0.26													
AKWESSNE_115KV_BK	355683	33.04	29.73	28.69	27.91	28.26	29.76	36.18	41.07	40.66	41.72	40.63	42.54	42.64	49.44	50.47	51.77	55.11	59.77	60.18	57.79	53.54	50.66	41.76	37.43													
		0.55	0.53	0.45	0.47	0.45	0.53	0.67	0.88	0.88	0.86	0.84	0.83	0.67	0.87	0.89	0.92	0.81	0.83	0.83	0.80	0.79	0.85	0.62	0.70													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
ALBANY_1_SOLAR	323833	33.07	29.76	28.83	27.99	28.37	29.79	36.08	40.63	40.31	41.05	39.75	41.41	41.73	47.95	48.96	50.38	54.03	58.97	59.67	57.39	53.17	50.02	41.45	36.95													
		0.59	0.55	0.59	0.55	0.56	0.55	0.57	0.44	0.56	0.33	0.16	0.08	0.13	0.05	0.05	0.05	0.16	0.36	0.53	0.51	0.42	0.20	0.37	0.37													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.14	0.20	0.38	0.37	0.67	0.67	0.52	0.43	0.33	0.21	0.12	0.00	0.00	0.06	0.15													
ALBANY_2_SOLAR	323834	33.04	29.76	28.83	27.99	28.37	29.79	36.08	40.63	40.31	41.05	39.75	41.41	41.73	47.95	48.96	50.38	54.03	58.97	59.67	57.33	53.12	50.02	41.45	36.95													
		0.55	0.55	0.59	0.55	0.56	0.55	0.57	0.44	0.56	0.33	0.16	0.08	0.13	0.05	0.05	0.05	0.16	0.36	0.53	0.45	0.37	0.20	0.37	0.37													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.14	0.20	0.38	0.37	0.67	0.67	0.52	0.43	0.33	0.21	0.12	0.00	0.00	0.06	0.15													
ALBANY___1	23571	32.32	29.17	28.24	27.41	27.81	29.20	35.37	39.78	39.52	40.21	38.97	40.46	40.83	46.68	47.57	49.08	52.73	57.61	58.21	55.99	52.01	48.97	40.38	35.92													
		-0.16	-0.03	0.00	-0.03	0.00	-0.03	-0.14	-0.40	-0.20	-0.41	-0.48	-0.58	-0.50	-0.73	-0.84	-0.86	-0.81	-0.77	-0.77	-0.80	-0.74	-0.85	-0.66	-0.55													
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.25	0.35	0.66	0.64	1.16	1.16	0.91	0.75	0.57	0.37	0.21	0.00	0.00	0.11	0.26													

ALBANY___2 23572	32.32 -0.16 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.37 -0.14 0.00	39.78 -0.40 0.00	39.52 -0.20 0.06	40.21 -0.41 0.25	38.97 -0.48 0.35	40.46 -0.58 0.66	40.83 -0.50 0.64	46.68 -0.73 1.16	47.57 -0.84 1.16	49.08 -0.86 0.91	52.73 -0.81 0.75	57.61 -0.77 0.57	58.21 -0.77 0.37	55.99 -0.80 0.21	52.01 -0.74 0.00	48.97 -0.85 0.00	40.38 -0.66 0.11	35.92 -0.55 0.26
ALBANY___3 23573	32.32 -0.16 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.37 -0.14 0.00	39.78 -0.40 0.00	39.52 -0.20 0.06	40.21 -0.41 0.25	38.97 -0.48 0.35	40.46 -0.58 0.66	40.83 -0.50 0.64	46.68 -0.73 1.16	47.57 -0.84 1.16	49.08 -0.86 0.91	52.73 -0.81 0.75	57.61 -0.77 0.57	58.21 -0.77 0.37	55.99 -0.80 0.21	52.01 -0.74 0.00	48.97 -0.85 0.00	40.38 -0.66 0.11	35.92 -0.55 0.26
ALBANY___4 23574	32.32 -0.16 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.37 -0.14 0.00	39.78 -0.40 0.00	39.52 -0.20 0.06	40.21 -0.41 0.25	38.97 -0.48 0.35	40.46 -0.58 0.66	40.83 -0.50 0.64	46.68 -0.73 1.16	47.57 -0.84 1.16	49.08 -0.86 0.91	52.73 -0.81 0.75	57.61 -0.77 0.57	58.21 -0.77 0.37	55.99 -0.80 0.21	52.01 -0.74 0.00	48.97 -0.85 0.00	40.38 -0.66 0.11	35.92 -0.55 0.26
ALBANY___LFGE 323615	32.68 0.20 0.00	29.46 0.26 0.00	28.52 0.28 0.00	27.69 0.25 0.00	28.09 0.28 0.00	29.49 0.26 0.00	35.72 0.21 0.00	40.26 0.08 0.00	39.96 0.24 0.07	40.68 0.08 0.26	39.42 0.00 0.37	40.87 -0.12 0.71	41.20 -0.08 0.68	47.14 -0.19 1.24	48.09 -0.25 1.24	49.63 -0.25 0.97	53.28 -0.22 0.80	58.22 -0.12 0.60	58.90 -0.06 0.39	56.60 -0.17 0.22	52.59 -0.16 0.00	49.42 -0.40 0.00	40.83 -0.20 0.12	36.31 -0.15 0.28
ALCOA_PA_115KV_PL-6C 55860	33.33 0.84 0.00	29.99 0.79 0.00	28.97 0.73 0.00	28.16 0.71 0.00	28.51 0.70 0.00	30.05 0.82 0.00	36.50 0.99 0.00	41.47 1.29 0.00	41.02 1.23 0.00	42.09 1.23 0.00	41.03 1.23 0.00	42.91 1.21 0.00	43.01 1.05 0.00	49.88 1.31 0.00	50.97 1.39 0.00	52.23 1.37 0.00	55.55 1.25 0.00	60.18 1.24 0.00	60.66 1.31 0.00	58.36 1.37 0.00	54.07 1.32 0.00	51.16 1.35 0.00	42.22 1.07 0.00	37.84 1.10 0.00
ALCOA_RYNLDS___DRP 24188	33.33 0.84 0.00	29.99 0.79 0.00	28.97 0.73 0.00	28.16 0.71 0.00	28.51 0.70 0.00	30.05 0.82 0.00	36.50 0.99 0.00	41.47 1.29 0.00	41.02 1.23 0.00	42.09 1.23 0.00	41.03 1.23 0.00	42.91 1.21 0.00	43.01 1.05 0.00	49.88 1.31 0.00	50.97 1.39 0.00	52.23 1.37 0.00	55.55 1.25 0.00	60.18 1.24 0.00	60.66 1.31 0.00	58.36 1.37 0.00	54.07 1.32 0.00	51.16 1.35 0.00	42.22 1.07 0.00	37.84 1.10 0.00
ALCOA___DSASP 323711	33.33 0.84 0.00	29.99 0.79 0.00	28.97 0.73 0.00	28.15 0.71 0.00	28.51 0.70 0.00	30.05 0.82 0.00	36.50 0.99 0.00	41.47 1.29 0.00	41.02 1.23 0.00	42.09 1.22 0.00	41.03 1.23 0.00	42.92 1.21 0.00	43.06 1.09 0.00	49.93 1.36 0.00	50.96 1.39 0.00	52.23 1.37 0.00	55.55 1.25 0.00	60.18 1.24 0.00	60.66 1.30 0.00	58.36 1.37 0.00	54.07 1.32 0.00	51.21 1.39 0.00	42.30 1.15 0.00	37.84 1.10 0.00
ALLEGHENY___COGEN 23514	33.72 1.23 0.00	30.25 1.05 0.00	29.31 1.07 0.00	28.40 0.96 0.00	28.90 1.08 0.00	30.43 1.20 0.00	36.57 1.06 0.00	41.39 1.20 0.00	39.99 0.20 0.00	41.51 0.65 0.00	40.35 0.56 0.00	42.75 1.04 0.00	43.18 1.22 0.00	48.52 -0.05 0.00	49.78 0.20 0.00	51.31 0.46 0.00	54.63 0.33 0.00	59.47 0.53 0.00	60.36 1.01 0.00	58.65 1.65 0.00	54.59 1.85 0.00	52.36 2.54 0.00	44.56 3.41 0.00	39.49 2.76 0.00
ALTAMONT_115KV_TB 2 55880	32.84 0.36 0.00	29.52 0.32 0.00	28.61 0.37 0.00	27.77 0.33 0.00	28.18 0.36 0.00	29.58 0.35 0.00	35.90 0.39 0.00	40.51 0.32 0.00	40.19 0.44 0.03	41.06 0.33 0.13	39.81 0.20 0.19	41.51 0.17 0.36	41.87 0.25 0.34	48.09 0.15 0.63	49.00 0.05 0.63	50.42 0.05 0.49	54.11 0.22 0.41	58.93 0.29 0.31	59.51 0.36 0.20	57.17 0.28 0.11	53.01 0.26 0.00	49.97 0.15 0.00	41.25 0.16 0.06	36.74 0.15 0.14
ALTONA_WT_PWR 323606	33.10 0.62 0.00	29.79 0.58 0.00	28.78 0.54 0.00	27.99 0.55 0.00	28.31 0.50 0.00	29.85 0.61 0.00	36.29 0.78 0.00	41.19 1.01 0.00	40.78 1.00 0.00	41.88 1.02 0.00	40.79 1.00 0.00	42.67 0.96 0.00	42.85 0.88 0.00	49.39 0.82 0.00	50.32 0.74 0.00	51.57 0.71 0.00	54.90 0.60 0.00	59.59 0.65 0.00	60.07 0.71 0.00	57.73 0.74 0.00	53.43 0.68 0.00	50.66 0.85 0.00	41.93 0.78 0.00	37.51 0.77 0.00
AMERICAN_REF_FUEL 24010	32.10 -0.39 0.00	28.82 -0.38 0.00	27.90 -0.34 0.00	27.06 -0.38 0.00	27.45 -0.36 0.00	28.88 -0.35 0.00	34.16 -1.35 0.00	38.70 -1.49 0.00	37.44 -2.35 0.00	39.76 -1.10 0.00	38.88 -0.91 0.00	41.25 -0.46 0.00	41.51 -0.46 0.00	48.18 -0.39 0.00	49.53 -0.05 0.00	51.01 0.15 0.00	54.03 -0.27 0.00	58.12 -0.83 0.00	58.40 -0.95 0.00	56.03 -0.97 0.00	51.96 -0.79 0.00	50.21 0.40 0.00	41.89 0.74 0.00	37.69 0.95 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.87 -0.62 0.00	28.73 -0.47 0.00	27.85 -0.40 0.00	27.14 -0.30 0.00	27.59 -0.22 0.00	29.03 -0.20 0.00	34.94 -0.57 0.00	39.94 -0.24 0.00	38.99 -0.80 0.00	41.48 0.61 0.00	40.67 0.87 0.00	43.08 1.37 0.00	43.43 1.47 0.00	50.46 1.89 0.00	51.71 2.13 0.00	53.25 2.39 0.00	56.36 2.06 0.00	60.36 1.41 0.00	60.60 1.25 0.00	58.13 1.14 0.00	53.75 1.00 0.00	51.66 1.84 0.00	43.04 1.89 0.00	38.35 1.61 0.00
ARTHUR KILL_GT_1 23520	33.91 1.43 0.00	30.31 1.11 0.00	29.17 0.93 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.08 0.85 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.30 2.39 -0.94	52.52 2.23 -1.72	53.53 2.23 -1.72	54.60 2.39 -1.35	58.34 2.93 -1.11	62.97 3.18 -0.84	62.63 2.73 -0.54	59.64 2.34 -0.31	54.75 2.00 0.00	51.66 1.84 0.00	42.87 1.56 -0.16	38.34 1.21 -0.39
ARTHUR_KILL_2 23512	33.82 1.33 0.00	30.22 1.02 0.00	29.09 0.85 0.00	28.15 0.71 0.00	28.54 0.72 0.00	29.99 0.76 0.00	36.93 1.42 0.00	41.79 1.61 0.00	41.95 2.07 -0.10	43.11 1.88 -0.36	42.18 1.87 -0.51	44.69 2.00 -0.98	45.10 2.18 -0.95	52.33 2.04 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.13 2.71 -1.11	62.73 2.95 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.31 1.49 0.00	42.62 1.32 -0.16	38.16 1.03 -0.39
ARTHUR_KILL_3 23513	33.72 1.23 0.00	30.20 0.99 0.00	29.09 0.85 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.14 0.91 0.00	37.07 1.56 0.00	41.87 1.69 0.00	41.91 2.03 -0.10	43.11 1.88 -0.36	42.02 1.71 -0.51	44.40 1.71 -0.98	44.71 1.80 -0.94	51.89 1.60 -1.72	52.93 1.63 -1.72	53.83 1.63 -1.35	57.53 2.12 -1.11	62.14 2.36 -0.84	61.92 2.02 -0.54	59.08 1.77 -0.31	54.22 1.47 0.00	51.01 1.19 0.00	42.42 1.11 -0.16	38.05 0.92 -0.39

ARTHUR_KILL_COGEN 323718	33.91 1.43 0.00	30.31 1.11 0.00	29.17 0.93 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.08 0.85 0.00	37.00 1.49 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.22 2.31 -0.95	52.48 2.19 -1.72	53.63 2.33 -1.72	54.65 2.44 -1.35	58.34 2.93 -1.11	62.96 3.18 -0.84	62.63 2.73 -0.54	59.59 2.28 -0.31	54.70 1.95 0.00	51.52 1.69 0.00	42.79 1.48 -0.16	38.30 1.18 -0.39
ASHOKAN____ 23654	33.20 0.71 0.00	29.76 0.55 0.00	28.78 0.54 0.00	27.91 0.47 0.00	28.31 0.50 0.00	29.67 0.44 0.00	36.11 0.60 0.00	40.63 0.44 0.00	41.50 1.71 0.00	42.29 1.43 0.00	40.83 1.03 0.00	42.79 1.08 0.00	43.14 1.17 0.00	49.98 1.41 0.00	50.96 1.39 0.00	52.33 1.48 0.00	56.25 1.95 0.00	61.48 2.53 0.00	62.20 2.85 0.00	59.62 2.62 0.00	53.33 0.58 0.00	49.97 0.15 0.00	42.62 1.48 0.00	38.10 1.36 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.69 1.20 0.00	30.13 0.93 0.01	29.00 0.76 0.01	28.12 0.69 0.01	28.50 0.70 0.01	29.98 0.76 0.01	36.85 1.35 0.01	41.70 1.53 0.01	41.86 1.99 -0.09	43.01 1.80 -0.36	42.05 1.75 -0.51	44.51 1.83 -0.98	44.87 1.97 -0.93	51.93 1.65 -1.71	53.03 1.73 -1.72	53.93 1.73 -1.34	57.58 2.17 -1.10	62.13 2.36 -0.83	61.73 1.84 -0.54	58.73 1.43 -0.30	53.95 1.21 0.01	50.86 1.05 0.00	42.33 1.03 -0.15	37.97 0.85 -0.39
ASTORIA_EAST_ENERGY_CC2 323582	33.69 1.20 0.00	30.13 0.93 0.01	29.00 0.76 0.01	28.12 0.69 0.01	28.50 0.70 0.01	29.98 0.76 0.01	36.85 1.35 0.01	41.70 1.53 0.01	41.86 1.99 -0.09	43.01 1.80 -0.36	42.05 1.75 -0.51	44.51 1.83 -0.98	44.87 1.97 -0.93	51.93 1.65 -1.71	53.03 1.73 -1.72	53.93 1.73 -1.34	57.58 2.17 -1.10	62.13 2.36 -0.83	61.73 1.84 -0.54	58.73 1.43 -0.30	53.95 1.21 0.01	50.86 1.05 0.00	42.33 1.03 -0.15	37.97 0.85 -0.39
ASTORIA_GT2_1 24094	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39
ASTORIA_GT2_2 24095	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39
ASTORIA_GT2_3 24096	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39
ASTORIA_GT2_4 24097	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39
ASTORIA_GT3_1 24098	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39
ASTORIA_GT3_2 24099	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39
ASTORIA_GT3_3 24100	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39
ASTORIA_GT3_4 24101	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39
ASTORIA_GT4_1 24102	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39
ASTORIA_GT4_2 24103	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39
ASTORIA_GT4_3 24104	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39

ASTORIA_GT4_4 24105	33.69 1.20 0.00	30.17 0.96 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.14 1.83 -0.51	44.52 1.84 -0.98	44.95 2.06 -0.93	52.04 1.75 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.74 1.84 -0.54	58.79 1.48 -0.31	54.01 1.27 0.00	51.07 1.25 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39
ASTORIA_GT_1 23523	33.75 1.27 0.00	30.20 0.99 0.00	29.06 0.82 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.08 0.85 0.00	37.00 1.49 0.00	41.79 1.61 0.00	41.99 2.11 -0.10	43.19 1.96 -0.36	42.22 1.91 -0.51	44.65 1.96 -0.98	45.03 2.14 -0.93	52.13 1.85 -1.72	53.09 1.78 -1.72	54.04 1.83 -1.35	57.75 2.33 -1.11	62.32 2.53 -0.84	61.91 2.02 -0.54	58.96 1.65 -0.31	54.12 1.37 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.08 0.96 -0.39
ASTORIA_GT_10 24110	33.78 1.30 0.00	30.25 1.05 0.00	29.12 0.88 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.14 0.91 0.00	37.07 1.56 0.00	41.87 1.69 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.26 1.95 -0.51	44.65 1.96 -0.98	45.09 2.18 -0.94	52.18 1.89 -1.72	53.14 1.83 -1.72	54.09 1.88 -1.35	57.80 2.39 -1.11	62.38 2.59 -0.84	62.03 2.14 -0.54	59.07 1.77 -0.31	54.22 1.48 0.00	51.22 1.39 0.00	42.58 1.28 -0.16	38.12 0.99 -0.39
ASTORIA_GT_11 24225	33.78 1.30 0.00	30.25 1.05 0.00	29.12 0.88 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.14 0.91 0.00	37.07 1.56 0.00	41.87 1.69 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.26 1.95 -0.51	44.65 1.96 -0.98	45.09 2.18 -0.94	52.18 1.89 -1.72	53.14 1.83 -1.72	54.09 1.88 -1.35	57.80 2.39 -1.11	62.38 2.59 -0.84	62.03 2.14 -0.54	59.07 1.77 -0.31	54.22 1.48 0.00	51.22 1.39 0.00	42.58 1.28 -0.16	38.12 0.99 -0.39
ASTORIA_GT_12 24226	33.78 1.30 0.00	30.25 1.05 0.00	29.12 0.88 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.14 0.91 0.00	37.07 1.56 0.00	41.87 1.69 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.26 1.95 -0.51	44.65 1.96 -0.98	45.09 2.18 -0.94	52.18 1.89 -1.72	53.14 1.83 -1.72	54.09 1.88 -1.35	57.80 2.39 -1.11	62.38 2.59 -0.84	62.03 2.14 -0.54	59.07 1.77 -0.31	54.22 1.48 0.00	51.22 1.39 0.00	42.58 1.28 -0.16	38.12 0.99 -0.39
ASTORIA_GT_13 24227	33.78 1.30 0.00	30.25 1.05 0.00	29.12 0.88 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.14 0.91 0.00	37.07 1.56 0.00	41.87 1.69 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.26 1.95 -0.51	44.65 1.96 -0.98	45.09 2.18 -0.94	52.18 1.89 -1.72	53.14 1.83 -1.72	54.09 1.88 -1.35	57.80 2.39 -1.11	62.38 2.59 -0.84	62.03 2.14 -0.54	59.07 1.77 -0.31	54.22 1.48 0.00	51.22 1.39 0.00	42.58 1.28 -0.16	38.12 0.99 -0.39
ASTORIA_GT_5 24106	33.75 1.27 0.00	30.20 0.99 0.00	29.06 0.82 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.08 0.85 0.00	37.00 1.49 0.00	41.79 1.61 0.00	41.99 2.11 -0.10	43.19 1.96 -0.36	42.22 1.91 -0.51	44.65 1.96 -0.98	45.03 2.14 -0.93	52.13 1.85 -1.72	53.09 1.78 -1.72	54.04 1.83 -1.35	57.75 2.33 -1.11	62.32 2.53 -0.84	61.91 2.02 -0.54	58.96 1.65 -0.31	54.12 1.37 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.08 0.96 -0.39
ASTORIA_GT_7 24107	33.75 1.27 0.00	30.20 0.99 0.00	29.06 0.82 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.08 0.85 0.00	37.00 1.49 0.00	41.79 1.61 0.00	41.99 2.11 -0.10	43.19 1.96 -0.36	42.22 1.91 -0.51	44.65 1.96 -0.98	45.03 2.14 -0.93	52.13 1.85 -1.72	53.09 1.78 -1.72	54.04 1.83 -1.35	57.75 2.33 -1.11	62.32 2.53 -0.84	61.91 2.02 -0.54	58.96 1.65 -0.31	54.12 1.37 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.08 0.96 -0.39
ASTORIA_GT_8 24108	33.75 1.27 0.00	30.20 0.99 0.00	29.06 0.82 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.08 0.85 0.00	37.00 1.49 0.00	41.79 1.61 0.00	41.99 2.11 -0.10	43.19 1.96 -0.36	42.22 1.91 -0.51	44.65 1.96 -0.98	45.03 2.14 -0.93	52.13 1.85 -1.72	53.09 1.78 -1.72	54.04 1.83 -1.35	57.75 2.33 -1.11	62.32 2.53 -0.84	61.91 2.02 -0.54	58.96 1.65 -0.31	54.12 1.37 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.08 0.96 -0.39
ASTORIA___2 24149	33.69 1.20 0.00	30.16 0.96 0.01	29.02 0.79 0.01	28.12 0.69 0.01	28.50 0.70 0.01	30.01 0.79 0.01	36.88 1.38 0.01	41.70 1.53 0.01	41.86 1.99 -0.09	43.01 1.80 -0.36	42.09 1.79 -0.51	44.51 1.83 -0.98	44.87 1.97 -0.93	51.98 1.70 -1.71	53.03 1.73 -1.72	53.98 1.78 -1.34	57.63 2.23 -1.10	62.13 2.36 -0.83	61.73 1.84 -0.54	58.78 1.48 -0.30	53.95 1.21 0.01	50.86 1.05 0.00	42.33 1.03 -0.15	37.97 0.85 -0.39
ASTORIA___3 23516	33.79 1.30 0.00	30.25 1.05 0.00	29.12 0.88 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.14 0.91 0.00	37.00 1.49 0.00	41.87 1.69 0.00	42.03 2.15 -0.10	43.19 1.96 -0.36	42.22 1.91 -0.51	44.65 1.96 -0.98	45.01 2.10 -0.95	52.13 1.85 -1.72	53.23 1.93 -1.72	54.19 1.98 -1.35	57.80 2.39 -1.11	62.37 2.59 -0.84	62.03 2.13 -0.54	59.02 1.71 -0.31	54.17 1.42 0.00	51.01 1.19 0.00	42.46 1.15 -0.16	38.08 0.95 -0.39
ASTORIA___4 23517	33.78 1.30 0.00	30.25 1.05 0.00	29.12 0.88 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.14 0.91 0.00	37.07 1.56 0.00	41.87 1.69 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.26 1.95 -0.51	44.65 1.96 -0.98	45.09 2.18 -0.94	52.18 1.89 -1.72	53.14 1.83 -1.72	54.09 1.88 -1.35	57.80 2.39 -1.11	62.38 2.59 -0.84	62.03 2.14 -0.54	59.07 1.77 -0.31	54.22 1.48 0.00	51.22 1.39 0.00	42.58 1.28 -0.16	38.12 0.99 -0.39
ASTORIA___5 23518	33.79 1.30 0.00	30.25 1.05 0.00	29.12 0.88 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.14 0.91 0.00	37.00 1.49 0.00	41.87 1.69 0.00	42.03 2.15 -0.10	43.19 1.96 -0.36	42.22 1.91 -0.51	44.65 1.96 -0.98	45.01 2.10 -0.95	52.18 1.89 -1.72	53.23 1.93 -1.72	54.19 1.98 -1.35	57.80 2.39 -1.11	62.37 2.59 -0.84	62.03 2.13 -0.54	59.02 1.71 -0.31	54.17 1.42 0.00	51.01 1.19 0.00	42.46 1.15 -0.16	38.08 0.95 -0.39
AST_ENERGY_2_CC3 323677	33.23 1.30 0.56	30.25 1.05 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.17 0.94 0.00	33.23 1.60 3.88	33.23 1.73 8.68	33.23 2.07 8.62	33.23 1.88 9.51	34.78 1.75 6.76	34.78 1.75 8.68	34.78 1.89 9.08	34.78 1.70 15.49	34.78 1.73 16.53	34.78 1.78 17.86	36.68 2.23 19.85	43.14 2.48 18.28	42.92 2.13 18.56	40.07 1.88 18.80	35.15 1.58 19.17	35.81 1.29 15.30	34.78 1.15 7.52	34.78 0.99 2.95
AST_ENERGY_2_CC4 323678	33.23 1.30 0.56	30.25 1.05 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.17 0.94 0.00	33.23 1.60 3.88	33.23 1.73 8.68	33.23 2.07 8.62	33.23 1.88 9.51	34.78 1.75 6.76	34.78 1.75 8.68	34.78 1.89 9.08	34.78 1.70 15.49	34.78 1.73 16.53	34.78 1.78 17.86	36.68 2.23 19.85	43.14 2.48 18.28	42.92 2.13 18.56	40.07 1.88 18.80	35.15 1.58 19.17	35.81 1.29 15.30	34.78 1.15 7.52	34.78 0.99 2.95

ATHENS_STG_1 23668	32.84 0.36 0.00	29.52 0.32 0.00	28.61 0.37 0.00	27.77 0.33 0.00	28.17 0.36 0.00	29.55 0.32 0.00	35.97 0.46 0.00	40.59 0.40 0.00	40.38 0.56 -0.04	41.47 0.45 -0.15	40.36 0.36 -0.21	42.45 0.33 -0.41	42.74 0.38 -0.39	49.53 0.24 -0.72	50.55 0.25 -0.72	51.63 0.20 -0.56	55.15 0.38 -0.47	59.76 0.47 -0.35	60.00 0.42 -0.23	57.41 0.29 -0.13	52.96 0.21 0.00	49.87 0.05 0.00	41.34 0.12 -0.07	37.01 0.11 -0.16
ATHENS_STG_2 23670	32.84 0.36 0.00	29.52 0.32 0.00	28.61 0.37 0.00	27.77 0.33 0.00	28.17 0.36 0.00	29.55 0.32 0.00	35.97 0.46 0.00	40.59 0.40 0.00	40.38 0.56 -0.04	41.47 0.45 -0.15	40.36 0.36 -0.21	42.45 0.33 -0.41	42.74 0.38 -0.39	49.53 0.24 -0.72	50.55 0.25 -0.72	51.63 0.20 -0.56	55.15 0.38 -0.47	59.76 0.47 -0.35	60.00 0.42 -0.23	57.41 0.29 -0.13	52.96 0.21 0.00	49.87 0.05 0.00	41.34 0.12 -0.07	37.01 0.11 -0.16
ATHENS_STG_3 23677	32.84 0.36 0.00	29.52 0.32 0.00	28.61 0.37 0.00	27.77 0.33 0.00	28.17 0.36 0.00	29.55 0.32 0.00	35.97 0.46 0.00	40.59 0.40 0.00	40.38 0.56 -0.04	41.47 0.45 -0.15	40.36 0.36 -0.21	42.45 0.33 -0.41	42.74 0.38 -0.39	49.53 0.24 -0.72	50.55 0.25 -0.72	51.63 0.20 -0.56	55.15 0.38 -0.47	59.76 0.47 -0.35	60.00 0.42 -0.23	57.41 0.29 -0.13	52.96 0.21 0.00	49.87 0.05 0.00	41.34 0.12 -0.07	37.01 0.11 -0.16
AUBURN___LFGE 323710	32.48 0.00 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.44 -0.07 0.00	40.26 0.08 0.00	39.71 -0.08 0.00	40.94 0.08 0.00	39.99 0.20 0.00	42.04 0.33 0.00	42.34 0.38 0.00	49.05 0.49 0.00	50.07 0.50 0.00	51.47 0.61 0.00	54.73 0.43 0.00	59.36 0.41 0.00	59.77 0.42 0.00	57.51 0.51 0.00	53.22 0.47 0.00	50.32 0.50 0.00	41.68 0.53 0.00	37.07 0.33 0.00
BABYLON_RES_REC 323704	34.47 1.98 0.00	30.72 1.52 0.00	29.57 1.33 0.00	28.65 1.21 0.00	29.04 1.22 0.00	30.69 1.46 0.00	37.28 1.77 0.00	41.59 1.41 0.00	41.68 1.79 -0.10	42.53 1.31 -0.36	41.26 0.95 -0.51	43.10 0.42 -0.98	41.57 0.42 0.81	43.60 0.15 5.11	46.09 0.25 3.74	49.44 0.26 1.67	50.65 0.60 4.25	60.37 0.59 -0.83	60.30 0.42 -0.53	57.64 0.34 -0.31	53.17 0.42 0.00	50.02 0.20 0.00	41.62 0.33 -0.15	38.38 1.25 -0.39
BALL_HILL_WT_PWR 323825	32.26 -0.23 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.39 -0.05 0.00	27.79 -0.03 0.00	29.12 -0.12 0.00	34.80 -0.71 0.00	39.62 -0.56 0.00	38.48 -1.31 0.00	40.78 -0.08 0.00	39.91 0.12 0.00	42.33 0.63 0.00	42.64 0.67 0.00	49.54 0.97 0.00	50.82 1.24 0.00	52.38 1.52 0.00	55.55 1.25 0.00	59.71 0.76 0.00	60.01 0.65 0.00	57.62 0.63 0.00	53.33 0.58 0.00	51.26 1.45 0.00	42.75 1.60 0.00	38.17 1.43 0.00
BARON_WINDS___WT_PWR 323822	32.10 -0.39 0.00	28.91 -0.29 0.00	27.96 -0.28 0.00	27.22 -0.22 0.00	27.65 -0.17 0.00	29.06 -0.17 0.00	35.05 -0.46 0.00	39.86 -0.32 0.00	39.03 -0.76 0.00	40.82 -0.04 0.00	39.87 0.08 0.00	42.04 0.33 0.00	42.43 0.46 0.00	49.15 0.58 0.00	50.32 0.74 0.00	51.77 0.92 0.00	55.12 0.82 0.00	59.53 0.59 0.00	59.88 0.53 0.00	57.62 0.63 0.00	53.38 0.64 0.00	50.91 1.09 0.00	42.38 1.23 0.00	37.76 1.03 0.00
BARRETT_IC_1 23704	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BARRETT_IC_10 23701	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BARRETT_IC_11 23702	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BARRETT_IC_12 23703	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BARRETT_IC_2 23705	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BARRETT_IC_3 23706	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BARRETT_IC_4 23707	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BARRETT_IC_5 23708	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39

BARRETT_IC_6 23709	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BARRETT_IC_7 23710	34.21 1.72 0.00	30.52 1.31 0.00	29.37 1.13 0.00	28.48 1.04 0.00	29.01 1.20 0.00	30.49 1.26 0.00	37.39 1.88 0.00	41.91 1.73 0.00	41.95 2.07 -0.10	42.98 1.76 -0.36	41.86 1.55 -0.51	43.64 0.96 -0.98	43.79 0.97 -0.86	50.64 0.63 -1.44	51.62 0.55 -1.50	52.59 0.51 -1.22	56.11 0.92 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.21 0.91 -0.30	53.64 0.90 0.00	50.52 0.70 0.00	41.79 0.49 -0.15	38.30 1.18 -0.39
BARRETT_IC_8 23711	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BARRETT_IC_9 23700	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BARRETT___1 23545	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BARRETT___2 23546	34.20 1.72 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.84 1.03 0.00	30.49 1.26 0.00	37.35 1.85 0.00	41.83 1.65 0.00	41.95 2.07 -0.10	42.86 1.64 -0.36	41.70 1.39 -0.51	43.64 0.96 -0.98	43.75 0.92 -0.86	50.69 0.68 -1.44	51.77 0.69 -1.50	52.74 0.66 -1.22	56.17 0.98 -0.89	61.07 1.30 -0.83	60.96 1.07 -0.54	58.16 0.86 -0.30	53.54 0.79 0.00	50.22 0.40 0.00	41.63 0.33 -0.15	38.19 1.07 -0.39
BATAVIA___115KV_TB1 55881	33.00 0.52 0.00	29.73 0.53 0.00	28.81 0.56 0.00	27.99 0.55 0.00	28.40 0.58 0.00	29.76 0.53 0.00	35.44 -0.07 0.00	40.67 0.48 0.00	39.51 -0.28 0.00	41.43 0.57 0.00	40.59 0.80 0.00	43.08 1.38 0.00	43.39 1.43 0.00	50.46 1.89 0.00	51.76 2.18 0.00	53.50 2.64 0.00	56.53 2.23 0.00	60.89 1.95 0.00	61.19 1.84 0.00	58.82 1.82 0.00	54.59 1.85 0.00	52.21 2.39 0.00	43.57 2.43 0.00	38.83 2.09 0.00
BAYONEEC___CTG1 323682	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.88 1.97 -0.94	52.09 1.80 -1.72	53.14 1.84 -1.72	54.03 1.83 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.19 1.07 -0.39
BAYONEEC___CTG10 323750	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.88 1.97 -0.94	52.09 1.80 -1.72	53.14 1.84 -1.72	54.03 1.83 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.19 1.07 -0.39
BAYONEEC___CTG2 323683	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.88 1.97 -0.94	52.09 1.80 -1.72	53.14 1.84 -1.72	54.03 1.83 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.19 1.07 -0.39
BAYONEEC___CTG3 323684	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.88 1.97 -0.94	52.09 1.80 -1.72	53.14 1.84 -1.72	54.03 1.83 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.19 1.07 -0.39
BAYONEEC___CTG4 323685	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.88 1.97 -0.94	52.09 1.80 -1.72	53.14 1.84 -1.72	54.03 1.83 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.19 1.07 -0.39
BAYONEEC___CTG5 323686	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.88 1.97 -0.94	52.09 1.80 -1.72	53.14 1.84 -1.72	54.03 1.83 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.19 1.07 -0.39
BAYONEEC___CTG6 323687	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.88 1.97 -0.94	52.09 1.80 -1.72	53.14 1.84 -1.72	54.03 1.83 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.19 1.07 -0.39
BAYONEEC___CTG7 323688	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.88 1.97 -0.94	52.09 1.80 -1.72	53.14 1.84 -1.72	54.03 1.83 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.19 1.07 -0.39

BAYONEEC___CTG8 323689	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.88 1.97 -0.94	52.09 1.80 -1.72	53.14 1.84 -1.72	54.03 1.83 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.19 1.07 -0.39
BAYONEEC___CTG9 323749	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.88 1.97 -0.94	52.09 1.80 -1.72	53.14 1.84 -1.72	54.03 1.83 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.19 1.07 -0.39
BEACON___LESR 323632	32.81 0.32 0.00	29.58 0.38 0.00	28.64 0.40 0.00	27.77 0.33 0.00	28.17 0.36 0.00	29.64 0.41 0.00	35.90 0.39 0.00	40.43 0.24 0.00	40.16 0.44 0.07	40.85 0.25 0.26	39.59 0.16 0.36	41.06 0.04 0.69	41.39 0.08 0.66	47.31 -0.05 1.21	48.27 -0.10 1.21	49.86 -0.05 0.95	53.57 0.05 0.78	58.53 0.18 0.59	59.27 0.30 0.38	56.95 0.17 0.22	52.85 0.11 0.00	49.67 -0.15 0.00	41.03 0.00 0.11	36.50 0.04 0.28
BEAVER RIVER___HYD 24048	33.36 0.88 0.00	30.02 0.82 0.00	28.95 0.71 0.00	28.15 0.71 0.00	28.54 0.72 0.00	29.96 0.73 0.00	36.50 0.99 0.00	41.51 1.32 0.00	40.90 1.11 0.00	41.80 0.94 0.00	40.71 0.92 0.00	42.70 1.00 0.00	42.85 0.88 0.00	49.83 1.26 0.00	50.77 1.19 0.00	52.28 1.42 0.00	55.88 1.58 0.00	60.42 1.47 0.00	61.49 2.13 0.00	59.33 2.34 0.00	55.06 2.32 0.00	52.31 2.49 0.00	43.20 2.06 0.00	38.50 1.76 0.00
BEEBEE_GT_13 23619	32.68 0.19 0.00	29.38 0.18 0.00	28.44 0.20 0.00	27.52 0.08 0.00	27.95 0.14 0.00	29.29 0.06 0.00	35.22 -0.28 0.00	40.10 -0.08 0.00	39.23 -0.56 0.00	41.03 0.16 0.00	40.19 0.40 0.00	42.50 0.79 0.00	42.76 0.80 0.00	49.69 1.12 0.00	50.87 1.29 0.00	52.43 1.58 0.00	55.55 1.25 0.00	59.95 1.00 0.00	60.18 0.83 0.00	57.79 0.80 0.00	53.54 0.79 0.00	51.01 1.20 0.00	42.42 1.28 0.00	37.69 0.96 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.04 1.56 0.00	30.43 1.23 0.00	29.26 1.02 0.00	28.32 0.88 0.00	28.76 0.95 0.00	30.23 0.99 0.00	37.21 1.70 0.00	42.11 1.93 0.00	42.27 2.39 -0.10	43.47 2.25 -0.36	42.53 2.23 -0.51	45.02 2.34 -0.98	45.47 2.56 -0.94	52.72 2.43 -1.72	53.73 2.43 -1.72	54.75 2.54 -1.35	58.51 3.10 -1.11	63.14 3.36 -0.84	62.74 2.85 -0.54	59.76 2.45 -0.31	54.86 2.11 0.00	51.76 1.94 0.00	42.99 1.69 -0.16	38.45 1.32 -0.39
BETHLEHEM___GRP 23843	32.32 -0.16 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.37 -0.14 0.00	39.78 -0.40 0.00	39.52 -0.20 0.06	40.21 -0.41 0.25	38.97 -0.48 0.35	40.46 -0.58 0.66	40.83 -0.50 0.64	46.68 -0.73 1.16	47.57 -0.84 1.16	49.08 -0.86 0.91	52.73 -0.81 0.75	57.61 -0.77 0.57	58.21 -0.77 0.37	55.99 -0.80 0.21	52.01 -0.74 0.00	48.97 -0.85 0.00	40.38 -0.66 0.11	35.92 -0.55 0.26
BETHLEHEM___GS1 323560	32.32 -0.16 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.33 -0.18 0.00	39.78 -0.40 0.00	39.52 -0.20 0.06	40.21 -0.41 0.25	39.01 -0.44 0.35	40.46 -0.58 0.66	40.78 -0.55 0.64	46.63 -0.78 1.16	47.62 -0.80 1.16	49.08 -0.86 0.91	52.74 -0.81 0.75	57.61 -0.77 0.57	58.21 -0.77 0.37	55.99 -0.80 0.21	51.96 -0.79 0.00	48.87 -0.95 0.00	40.34 -0.70 0.11	35.92 -0.55 0.26
BETHLEHEM___GS2 323561	32.32 -0.16 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.33 -0.18 0.00	39.78 -0.40 0.00	39.52 -0.20 0.06	40.21 -0.41 0.25	39.01 -0.44 0.35	40.46 -0.58 0.66	40.78 -0.55 0.64	46.63 -0.78 1.16	47.62 -0.80 1.16	49.08 -0.86 0.91	52.74 -0.81 0.75	57.61 -0.77 0.57	58.21 -0.77 0.37	55.99 -0.80 0.21	51.96 -0.79 0.00	48.87 -0.95 0.00	40.34 -0.70 0.11	35.92 -0.55 0.26
BETHLEHEM___GS3 323562	32.32 -0.16 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.33 -0.18 0.00	39.78 -0.40 0.00	39.52 -0.20 0.06	40.21 -0.41 0.25	39.01 -0.44 0.35	40.46 -0.58 0.66	40.78 -0.55 0.64	46.63 -0.78 1.16	47.62 -0.80 1.16	49.08 -0.86 0.91	52.74 -0.81 0.75	57.61 -0.77 0.57	58.21 -0.77 0.37	55.99 -0.80 0.21	51.96 -0.79 0.00	48.87 -0.95 0.00	40.34 -0.70 0.11	35.92 -0.55 0.26
BETHLEHEM___STEEL 23779	32.26 -0.23 0.00	29.14 -0.06 0.00	28.21 -0.03 0.00	27.44 0.00 0.00	27.81 0.00 0.00	29.06 -0.18 0.00	34.69 -0.82 0.00	39.50 -0.68 0.00	38.31 -1.47 0.00	40.54 -0.33 0.00	39.79 0.00 0.00	42.25 0.54 0.00	42.64 0.67 0.00	49.54 0.97 0.00	50.72 1.14 0.00	52.59 1.73 0.00	55.44 1.14 0.00	59.59 0.65 0.00	59.89 0.53 0.00	57.45 0.46 0.00	53.17 0.42 0.00	50.86 1.05 0.00	42.71 1.56 0.00	38.06 1.32 0.00
BETHLHEM_115KV_TB1 79974	32.81 0.32 0.00	29.52 0.32 0.00	28.58 0.34 0.00	27.77 0.33 0.00	28.15 0.33 0.00	29.58 0.35 0.00	35.90 0.39 0.00	40.51 0.32 0.00	40.19 0.44 0.03	41.06 0.33 0.13	39.85 0.24 0.18	41.53 0.17 0.34	41.89 0.25 0.32	48.12 0.15 0.59	49.08 0.10 0.59	50.44 0.05 0.47	54.13 0.22 0.38	58.95 0.29 0.29	59.46 0.30 0.19	57.12 0.23 0.11	52.96 0.21 0.00	49.92 0.10 0.00	41.21 0.12 0.06	36.71 0.11 0.14
BETHPAGE_CC_5 323564	34.43 1.95 0.00	30.69 1.49 0.00	29.54 1.30 0.00	28.62 1.18 0.00	29.01 1.20 0.00	30.66 1.43 0.00	37.43 1.92 0.00	41.75 1.57 0.00	41.91 2.03 -0.10	42.82 1.59 -0.36	41.62 1.31 -0.51	43.52 0.83 -0.98	42.18 0.88 0.67	44.69 0.68 4.55	46.98 0.69 3.29	50.15 0.71 1.42	51.52 1.03 3.81	61.02 1.24 -0.83	60.89 1.01 -0.53	58.16 0.86 -0.31	53.59 0.84 0.00	50.22 0.40 0.00	41.50 0.21 -0.15	38.19 1.07 -0.39
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.19 -0.29 0.00	29.09 -0.12 0.00	28.18 -0.06 0.00	27.41 -0.03 0.00	27.79 -0.03 0.00	29.03 -0.20 0.00	34.69 -0.82 0.00	39.54 -0.64 0.00	38.35 -1.43 0.00	40.62 -0.25 0.00	39.83 0.04 0.00	42.33 0.63 0.00	42.72 0.76 0.00	49.64 1.07 0.00	50.82 1.24 0.00	52.69 1.83 0.00	55.60 1.30 0.00	59.71 0.77 0.00	60.00 0.65 0.00	57.57 0.57 0.00	53.27 0.53 0.00	50.91 1.10 0.00	42.71 1.56 0.00	38.06 1.32 0.00
BINGHAMTON___COGEN 23790	32.61 0.13 0.00	29.32 0.12 0.00	28.35 0.11 0.00	27.55 0.11 0.00	27.95 0.14 0.00	29.32 0.09 0.00	35.54 0.04 0.00	40.38 0.20 0.00	39.79 0.00 0.00	41.11 0.25 0.00	40.11 0.32 0.00	42.16 0.46 0.00	42.51 0.55 0.00	49.20 0.63 0.00	50.22 0.64 0.00	51.62 0.76 0.00	55.01 0.71 0.00	59.59 0.65 0.00	59.95 0.59 0.00	57.62 0.63 0.00	53.27 0.53 0.00	50.42 0.60 0.00	41.80 0.66 0.00	37.21 0.48 0.00

BIXINCNT_115KV_LOAD 355685	31.22 -1.27 0.00	28.18 -1.02 0.00	27.42 -0.82 0.00	26.78 -0.66 0.00	27.26 -0.56 0.00	28.65 -0.58 0.00	34.34 -1.17 0.00	39.30 -0.88 0.00	38.28 -1.51 0.00	40.54 -0.33 0.00	39.87 0.08 0.00	42.41 0.71 0.00	42.89 0.92 0.00	49.83 1.26 0.00	50.97 1.39 0.00	52.79 1.93 0.00	55.71 1.41 0.00	59.71 0.77 0.00	60.06 0.71 0.00	57.62 0.63 0.00	53.22 0.47 0.00	50.66 0.85 0.00	42.50 1.36 0.00	37.80 1.07 0.00
BLACK RIVER___HYD 24047	33.82 1.33 0.00	30.43 1.23 0.00	29.34 1.10 0.00	28.57 1.13 0.00	28.95 1.14 0.00	30.37 1.14 0.00	37.03 1.53 0.00	42.15 1.97 0.00	41.46 1.67 0.00	42.33 1.47 0.00	41.27 1.47 0.00	43.25 1.54 0.00	43.39 1.43 0.00	50.37 1.80 0.00	51.21 1.63 0.00	52.74 1.88 0.00	56.25 1.95 0.00	60.89 1.94 0.00	62.26 2.91 0.00	60.19 3.19 0.00	55.91 3.16 0.00	53.01 3.19 0.00	43.78 2.64 0.00	38.94 2.20 0.00
BLACKRVR_115KV_TB2 79977	33.82 1.33 0.00	30.43 1.23 0.00	29.34 1.10 0.00	28.57 1.13 0.00	28.95 1.14 0.00	30.37 1.14 0.00	37.04 1.53 0.00	42.15 1.97 0.00	41.46 1.67 0.00	42.33 1.47 0.00	41.27 1.47 0.00	43.25 1.54 0.00	43.39 1.43 0.00	50.37 1.80 0.00	51.31 1.74 0.00	52.79 1.93 0.00	56.25 1.95 0.00	60.89 1.95 0.00	62.26 2.91 0.00	60.19 3.19 0.00	55.91 3.16 0.00	52.96 3.14 0.00	43.78 2.63 0.00	38.94 2.20 0.00
BLDWN_LI_69_KV_BK4 356085	34.43 1.95 0.00	30.72 1.52 0.00	29.54 1.30 0.00	28.65 1.21 0.00	29.20 1.39 0.00	30.69 1.46 0.00	37.60 2.10 0.00	42.19 2.01 0.00	42.23 2.35 -0.10	43.27 2.04 -0.36	42.14 1.83 -0.51	43.98 1.29 -0.98	43.31 1.38 0.04	47.64 1.17 2.09	49.35 1.09 1.32	51.64 1.12 0.34	54.00 1.57 1.88	61.66 1.89 -0.83	61.61 1.72 -0.53	58.84 1.54 -0.31	54.28 1.53 0.00	51.07 1.25 0.00	42.08 0.78 -0.15	38.56 1.43 -0.39
BLISS_WT_PWR 323608	30.99 -1.49 0.00	27.92 -1.28 0.00	27.20 -1.04 0.00	26.59 -0.85 0.00	27.06 -0.75 0.00	28.59 -0.64 0.00	34.27 -1.24 0.00	39.18 -1.00 0.00	38.19 -1.59 0.00	40.58 -0.28 0.00	39.91 0.12 0.00	42.41 0.71 0.00	42.85 0.88 0.00	49.78 1.21 0.00	51.06 1.49 0.00	52.59 1.73 0.00	55.71 1.41 0.00	59.65 0.71 0.00	60.01 0.65 0.00	57.57 0.57 0.00	53.17 0.42 0.00	50.91 1.09 0.00	42.38 1.23 0.00	37.80 1.07 0.00
BLUESTONE___WT_PWR 323821	33.85 1.36 0.00	30.43 1.23 0.00	29.37 1.13 0.00	28.57 1.13 0.00	28.98 1.17 0.00	30.46 1.23 0.00	37.11 1.60 0.00	42.27 2.09 0.00	42.31 2.51 -0.01	43.57 2.65 -0.05	42.65 2.78 -0.08	44.98 3.13 -0.15	45.13 3.02 -0.14	52.61 3.79 -0.25	53.50 3.67 -0.25	54.97 3.92 -0.20	58.59 4.12 -0.16	63.02 3.95 -0.12	63.94 4.51 -0.08	61.26 4.22 -0.05	56.65 3.90 0.00	53.45 3.63 0.00	44.17 3.00 -0.02	39.29 2.50 -0.06
BLUE_CIRC_CHEM_DRP 24182	32.87 0.39 0.00	29.58 0.38 0.00	28.66 0.42 0.00	27.83 0.38 0.00	28.23 0.42 0.00	29.64 0.41 0.00	35.90 0.39 0.00	40.47 0.28 0.00	40.15 0.40 0.04	40.97 0.25 0.14	39.71 0.12 0.20	41.37 0.04 0.38	41.69 0.08 0.36	47.90 0.00 0.66	48.86 -0.05 0.67	50.23 -0.10 0.52	53.92 0.05 0.43	58.80 0.18 0.32	59.38 0.24 0.21	57.10 0.23 0.12	52.90 0.16 0.00	49.87 0.05 0.00	41.25 0.16 0.06	36.73 0.15 0.15
BOC_GAS_DRP 24189	32.71 0.23 0.00	29.44 0.23 0.00	28.49 0.25 0.00	27.69 0.25 0.00	28.06 0.25 0.00	29.47 0.23 0.00	35.76 0.25 0.00	40.34 0.16 0.00	40.03 0.28 0.03	40.94 0.20 0.13	39.74 0.12 0.18	41.45 0.08 0.34	41.77 0.13 0.32	47.97 0.00 0.59	48.93 -0.05 0.59	50.29 -0.10 0.47	53.97 0.05 0.38	58.77 0.12 0.29	59.22 0.06 0.19	56.94 0.06 0.11	52.75 0.00 0.00	49.72 -0.10 0.00	41.09 0.00 0.06	36.56 -0.04 0.14
BOONVILLE_115KV_TB1 79983	33.17 0.68 0.00	29.84 0.64 0.00	28.81 0.56 0.00	27.99 0.55 0.00	28.37 0.56 0.00	29.79 0.56 0.00	36.29 0.78 0.00	41.19 1.00 0.00	40.66 0.88 0.00	41.68 0.82 0.00	40.63 0.84 0.00	42.62 0.92 0.00	42.85 0.88 0.00	49.78 1.21 0.00	50.77 1.19 0.00	52.23 1.37 0.00	55.87 1.57 0.00	60.42 1.47 0.00	61.31 1.96 0.00	58.93 1.94 0.00	54.65 1.90 0.00	51.61 1.79 0.00	42.63 1.48 0.00	37.98 1.25 0.00
BORALEX_4TH_BRANCH 23824	33.49 1.01 0.00	30.20 0.99 0.00	29.20 0.96 0.00	28.38 0.93 0.00	28.76 0.95 0.00	30.20 0.96 0.00	36.68 1.17 0.00	41.31 1.13 0.00	40.85 1.23 0.17	41.32 1.10 0.64	39.88 0.99 0.91	40.93 0.96 1.74	41.31 1.01 1.66	46.50 0.97 3.03	47.43 0.89 3.04	49.39 0.92 2.38	53.53 1.19 1.96	58.88 1.41 1.48	59.82 1.42 0.96	57.76 1.31 0.55	53.96 1.21 0.00	50.76 0.95 0.01	41.69 0.82 0.28	36.74 0.70 0.69
BOWLINE___1 23526	33.52 1.04 0.00	30.05 0.85 0.00	28.97 0.73 0.00	28.13 0.69 0.00	28.51 0.70 0.00	29.99 0.76 0.00	36.72 1.21 0.00	41.43 1.25 0.00	41.35 1.47 -0.08	42.53 1.35 -0.32	41.48 1.23 -0.45	43.79 1.21 -0.87	44.06 1.26 -0.83	51.30 1.21 -1.52	52.29 1.19 -1.52	53.22 1.17 -1.19	56.86 1.58 -0.98	61.45 1.77 -0.74	61.44 1.60 -0.48	58.70 1.43 -0.28	53.96 1.21 0.00	50.72 0.90 0.00	42.11 0.82 -0.14	37.78 0.70 -0.35
BOWLINE___2 23595	33.52 1.04 0.00	30.05 0.85 0.00	28.97 0.73 0.00	28.13 0.69 0.00	28.51 0.70 0.00	29.96 0.73 0.00	36.72 1.21 0.00	41.43 1.25 0.00	41.35 1.47 -0.08	42.53 1.35 -0.32	41.48 1.23 -0.45	43.74 1.17 -0.87	44.06 1.26 -0.83	51.25 1.16 -1.52	52.24 1.14 -1.52	53.22 1.17 -1.19	56.86 1.58 -0.98	61.45 1.77 -0.74	61.37 1.54 -0.48	58.70 1.43 -0.28	53.96 1.21 0.00	50.72 0.90 0.00	42.11 0.82 -0.14	37.78 0.70 -0.35
BRADY___115KV_TB2 356060	33.75 1.27 0.00	30.37 1.17 0.00	29.31 1.07 0.00	28.54 1.10 0.00	28.87 1.06 0.00	30.43 1.20 0.00	37.00 1.49 0.00	41.99 1.81 0.00	41.42 1.63 0.00	42.37 1.51 0.00	41.27 1.47 0.00	43.12 1.42 0.00	43.22 1.26 0.00	50.17 1.60 0.00	51.21 1.64 0.00	52.59 1.73 0.00	55.87 1.57 0.00	60.48 1.53 0.00	61.25 1.90 0.00	59.05 2.05 0.00	54.80 2.06 0.00	51.96 2.14 0.00	42.83 1.69 0.00	38.39 1.65 0.00
BRANSCOMB___SOLAR 323811	33.52 1.04 0.00	30.11 0.91 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.70 0.89 0.00	30.20 0.96 0.00	36.64 1.14 0.00	41.31 1.12 0.00	40.90 1.19 0.08	41.48 0.94 0.32	39.90 0.56 0.45	41.35 0.50 0.86	41.68 0.54 0.83	47.60 0.54 1.51	48.51 0.45 1.51	50.29 0.61 1.18	54.03 0.70 0.97	59.15 0.94 0.73	60.30 1.42 0.48	58.09 1.37 0.27	54.07 1.32 0.00	50.81 1.00 0.00	41.95 0.95 0.14	37.24 0.85 0.34
BRDGHMPT_69_KV_BK1 55812	34.79 2.31 0.00	31.01 1.81 0.00	29.91 1.67 0.00	29.01 1.56 0.00	29.84 2.03 0.00	31.10 1.87 0.00	38.10 2.59 0.00	42.72 2.53 0.00	42.79 2.90 -0.10	43.72 2.49 -0.36	42.58 2.27 -0.51	44.06 1.38 -0.98	42.36 1.43 1.04	43.80 1.21 5.99	46.28 1.14 4.44	49.97 1.17 2.06	50.94 1.57 4.93	62.02 2.24 -0.83	61.60 1.72 -0.53	59.47 2.17 -0.30	55.07 2.32 0.00	51.91 2.09 0.00	41.66 0.37 -0.14	38.71 1.58 -0.39

BRENTWOD_69_KV_W. BRTWOOD 56703	34.73 2.24 0.00	30.93 1.72 0.00	29.77 1.52 0.00	28.84 1.40 0.00	29.51 1.70 0.00	30.93 1.70 0.00	37.89 2.38 0.00	42.35 2.17 0.00	42.39 2.51 -0.10	43.31 2.08 -0.36	42.10 1.79 -0.51	43.64 0.96 -0.98	41.89 0.92 1.00	43.36 0.63 5.84	45.80 0.55 4.32	49.42 0.56 1.99	50.46 0.98 4.82	61.31 1.53 -0.83	61.19 1.31 -0.53	58.73 1.42 -0.30	54.33 1.58 0.00	51.07 1.25 0.00	41.78 0.49 -0.15	38.75 1.62 -0.39
BRISTLHL_115KV_TB1 79998	31.90 -0.58 0.00	28.68 -0.53 0.00	27.73 -0.51 0.00	26.95 -0.49 0.00	27.34 -0.47 0.00	28.68 -0.56 0.00	34.83 -0.67 0.00	39.50 -0.68 0.00	39.03 -0.76 0.00	40.21 -0.65 0.00	39.20 -0.60 0.00	41.16 -0.54 0.00	41.46 -0.50 0.00	48.03 -0.53 0.00	49.03 -0.55 0.00	50.25 -0.61 0.00	53.49 -0.81 0.00	58.06 -0.88 0.00	58.40 -0.95 0.00	56.14 -0.85 0.00	51.96 -0.79 0.00	49.12 -0.70 0.00	40.69 -0.45 0.00	36.26 -0.48 0.00
BROOKHAVEN___DRP 24191	34.24 1.75 0.00	30.49 1.28 0.00	29.40 1.16 0.00	28.48 1.04 0.00	29.26 1.45 0.00	30.52 1.29 0.00	37.39 1.88 0.00	41.91 1.73 0.00	41.95 2.07 -0.10	42.90 1.68 -0.36	41.74 1.43 -0.51	43.18 0.50 -0.98	41.47 0.55 1.04	42.72 0.15 5.99	45.19 0.05 4.44	48.85 0.05 2.06	49.75 0.38 4.93	60.66 0.88 -0.83	60.36 0.47 -0.53	58.27 0.97 -0.30	54.01 1.27 0.00	50.92 1.10 0.00	41.13 -0.16 -0.14	38.23 1.10 -0.39
BROOKLYN_NAVY_YARD 23515	33.82 1.33 0.00	30.28 1.08 0.00	29.17 0.93 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.20 0.96 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.84 1.93 -0.94	52.03 1.75 -1.72	53.08 1.78 -1.72	54.03 1.83 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.58 1.28 -0.16	38.19 1.07 -0.39
BROOKLYN___ARMY_DRP 323595	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
BROOME_2_LFGE 323671	32.61 0.13 0.00	29.32 0.12 0.00	28.35 0.11 0.00	27.55 0.11 0.00	27.95 0.14 0.00	29.35 0.12 0.00	35.58 0.07 0.00	40.39 0.20 0.00	39.83 0.04 0.00	41.11 0.25 0.00	40.11 0.32 0.00	42.16 0.46 0.00	42.47 0.51 0.00	49.20 0.63 0.00	50.22 0.64 0.00	51.57 0.71 0.00	55.00 0.70 0.00	59.59 0.65 0.00	59.95 0.59 0.00	57.62 0.63 0.00	53.27 0.53 0.00	50.46 0.65 0.00	41.80 0.66 0.00	37.25 0.51 0.00
BROOME___LFGE 323600	32.61 0.13 0.00	29.32 0.12 0.00	28.35 0.11 0.00	27.55 0.11 0.00	27.95 0.14 0.00	29.35 0.12 0.00	35.58 0.07 0.00	40.39 0.20 0.00	39.83 0.04 0.00	41.11 0.25 0.00	40.11 0.32 0.00	42.16 0.46 0.00	42.47 0.51 0.00	49.20 0.63 0.00	50.22 0.64 0.00	51.57 0.71 0.00	55.00 0.70 0.00	59.59 0.65 0.00	59.95 0.59 0.00	57.62 0.63 0.00	53.27 0.53 0.00	50.46 0.65 0.00	41.80 0.66 0.00	37.25 0.51 0.00
BROWNFLS_115KV_TB_3_5 80003	33.49 1.01 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.27 0.82 0.00	28.62 0.81 0.00	30.11 0.88 0.00	36.68 1.17 0.00	41.71 1.53 0.00	41.14 1.35 0.00	42.09 1.23 0.00	40.99 1.19 0.00	42.96 1.25 0.00	43.06 1.09 0.00	50.03 1.46 0.00	51.02 1.44 0.00	52.43 1.58 0.00	55.82 1.52 0.00	60.24 1.30 0.00	61.13 1.78 0.00	58.93 1.94 0.00	54.70 1.95 0.00	52.01 2.19 0.00	43.00 1.85 0.00	38.39 1.65 0.00
BROWNSV1_27_KV_LOAD 356125	34.11 1.62 0.00	30.55 1.34 0.00	29.43 1.19 0.00	28.54 1.10 0.00	28.95 1.14 0.00	30.46 1.23 0.00	37.50 1.99 0.00	42.35 2.17 0.00	42.39 2.51 -0.10	43.60 2.37 -0.36	42.57 2.27 -0.51	44.94 2.25 -0.98	45.34 2.43 -0.94	52.62 2.33 -1.72	53.58 2.28 -1.72	54.55 2.34 -1.35	58.34 2.93 -1.11	63.02 3.24 -0.84	62.80 2.91 -0.54	59.99 2.68 -0.31	55.01 2.27 0.00	51.86 2.04 0.00	43.03 1.73 -0.16	38.56 1.43 -0.39
BURROWS___LYONSDAL 23803	33.17 0.68 0.00	29.84 0.64 0.00	28.78 0.54 0.00	27.99 0.55 0.00	28.37 0.56 0.00	29.76 0.53 0.00	36.25 0.75 0.00	41.19 1.00 0.00	40.66 0.88 0.00	41.60 0.74 0.00	40.55 0.76 0.00	42.58 0.88 0.00	42.76 0.80 0.00	49.73 1.17 0.00	50.72 1.14 0.00	52.18 1.32 0.00	55.87 1.57 0.00	60.48 1.53 0.00	61.37 2.02 0.00	59.05 2.05 0.00	54.75 2.00 0.00	51.81 1.99 0.00	42.75 1.60 0.00	38.10 1.36 0.00
CAITHNESS_CC_1 323624	34.24 1.75 0.00	30.52 1.32 0.00	29.40 1.16 0.00	28.48 1.04 0.00	28.87 1.06 0.00	30.52 1.28 0.00	37.39 1.88 0.00	41.75 1.57 0.00	41.91 2.03 -0.10	42.74 1.51 -0.36	41.50 1.19 -0.51	43.14 0.46 -0.98	41.39 0.46 1.04	42.72 0.15 5.99	45.29 0.15 4.44	48.85 0.05 2.06	49.80 0.43 4.94	60.66 0.89 -0.83	60.35 0.47 -0.53	58.10 0.80 -0.30	53.75 1.00 0.00	50.22 0.40 0.00	41.05 -0.25 -0.14	38.05 0.92 -0.39
CALPINE BETH_PAGE_GT4 24209	34.40 1.92 0.00	30.69 1.49 0.00	29.54 1.30 0.00	28.62 1.18 0.00	29.18 1.36 0.00	30.66 1.43 0.00	37.50 1.99 0.00	41.95 1.77 0.00	41.95 2.07 -0.10	42.98 1.76 -0.36	41.82 1.51 -0.51	43.60 0.92 -0.98	42.47 1.01 0.51	45.43 0.78 3.92	47.49 0.69 2.78	50.38 0.66 1.14	52.08 1.09 3.31	61.13 1.36 -0.83	61.01 1.13 -0.53	58.33 1.03 -0.31	53.80 1.05 0.00	50.67 0.85 0.00	41.66 0.37 -0.15	38.30 1.18 -0.39
CALPINE_BETH_PAGE_GT_4 323586	34.40 1.92 0.00	30.69 1.49 0.00	29.54 1.30 0.00	28.62 1.18 0.00	29.01 1.20 0.00	30.64 1.40 0.00	37.50 1.99 0.00	41.83 1.65 0.00	41.91 2.03 -0.10	42.86 1.64 -0.36	41.66 1.35 -0.51	43.60 0.92 -0.98	42.43 0.97 0.51	45.43 0.77 3.92	47.59 0.79 2.78	50.53 0.81 1.14	52.13 1.14 3.31	61.13 1.36 -0.83	61.01 1.12 -0.53	58.27 0.97 -0.31	53.70 0.95 0.00	50.32 0.50 0.00	41.58 0.29 -0.15	38.19 1.07 -0.39
CALPINE_BP_GT1 23823	34.40 1.92 0.00	30.69 1.49 0.00	29.54 1.30 0.00	28.62 1.18 0.00	29.01 1.20 0.00	30.64 1.40 0.00	37.50 1.99 0.00	41.83 1.65 0.00	41.91 2.03 -0.10	42.86 1.64 -0.36	41.66 1.35 -0.51	43.60 0.92 -0.98	42.43 0.97 0.51	45.43 0.77 3.92	47.59 0.79 2.78	50.53 0.81 1.14	52.13 1.14 3.31	61.13 1.36 -0.83	61.01 1.12 -0.53	58.27 0.97 -0.31	53.70 0.95 0.00	50.32 0.50 0.00	41.58 0.29 -0.15	38.19 1.07 -0.39
CALSPAN___DRP 24200	32.26 -0.23 0.00	29.14 -0.06 0.00	28.21 -0.03 0.00	27.44 0.00 0.00	27.81 0.00 0.00	29.06 -0.18 0.00	34.69 -0.82 0.00	39.50 -0.68 0.00	38.31 -1.47 0.00	40.54 -0.33 0.00	39.79 0.00 0.00	42.25 0.54 0.00	42.64 0.67 0.00	49.54 0.97 0.00	50.72 1.14 0.00	52.59 1.73 0.00	55.44 1.14 0.00	59.59 0.65 0.00	59.89 0.53 0.00	57.45 0.46 0.00	53.17 0.42 0.00	50.86 1.05 0.00	42.71 1.56 0.00	38.06 1.32 0.00

CALVERTON___SOLAR 323806	34.27 1.79 0.00	30.52 1.32 0.00	29.43 1.19 0.00	28.51 1.07 0.00	28.87 1.06 0.00	30.55 1.32 0.00	37.43 1.92 0.00	41.79 1.61 0.00	41.99 2.11 -0.10	42.82 1.59 -0.36	41.58 1.27 -0.51	43.22 0.54 -0.98	41.47 0.54 1.04	42.87 0.29 5.99	45.44 0.30 4.44	49.00 0.20 2.06	49.91 0.54 4.93	60.95 1.18 -0.83	60.54 0.65 -0.53	58.33 1.03 -0.30	54.07 1.32 0.00	50.52 0.70 0.00	41.09 -0.20 -0.14	38.08 0.95 -0.39
CANDIGU_WT_PWR 323617	32.10 -0.39 0.00	28.91 -0.29 0.00	27.96 -0.28 0.00	27.22 -0.22 0.00	27.65 -0.17 0.00	29.06 -0.17 0.00	35.05 -0.46 0.00	39.86 -0.32 0.00	39.03 -0.76 0.00	40.82 -0.04 0.00	39.87 0.08 0.00	42.04 0.33 0.00	42.43 0.46 0.00	49.15 0.58 0.00	50.32 0.74 0.00	51.77 0.92 0.00	55.12 0.82 0.00	59.53 0.59 0.00	59.88 0.53 0.00	57.62 0.63 0.00	53.38 0.64 0.00	50.91 1.09 0.00	42.38 1.23 0.00	37.76 1.03 0.00
CARR STREET_E_SYR 24060	32.06 -0.42 0.00	28.82 -0.38 0.00	27.90 -0.34 0.00	27.08 -0.36 0.00	27.48 -0.33 0.00	28.85 -0.38 0.00	35.01 -0.50 0.00	39.74 -0.44 0.00	39.27 -0.52 0.00	40.49 -0.37 0.00	39.52 -0.28 0.00	41.50 -0.21 0.00	41.80 -0.17 0.00	48.37 -0.19 0.00	49.28 -0.30 0.00	50.55 -0.30 0.00	53.86 -0.44 0.00	58.35 -0.59 0.00	58.70 -0.65 0.00	56.43 -0.57 0.00	52.22 -0.53 0.00	49.37 -0.45 0.00	40.94 -0.20 0.00	36.48 -0.26 0.00
CARTHAGE___PAPER 23857	33.62 1.14 0.00	30.25 1.05 0.00	29.14 0.90 0.00	28.38 0.93 0.00	28.76 0.95 0.00	30.20 0.96 0.00	36.82 1.31 0.00	41.87 1.69 0.00	41.18 1.39 0.00	42.05 1.19 0.00	40.95 1.15 0.00	42.92 1.21 0.00	43.06 1.09 0.00	50.08 1.51 0.00	50.96 1.39 0.00	52.48 1.63 0.00	56.04 1.74 0.00	60.65 1.71 0.00	61.90 2.55 0.00	59.79 2.79 0.00	55.54 2.79 0.00	52.71 2.89 0.00	43.53 2.39 0.00	38.75 2.02 0.00
CASSADAGA_WT_PWR 323784	31.80 -0.68 0.00	28.68 -0.52 0.00	27.79 -0.45 0.00	27.11 -0.33 0.00	27.62 -0.19 0.00	29.06 -0.17 0.00	35.15 -0.36 0.00	40.26 0.08 0.00	39.39 -0.40 0.00	41.88 1.02 0.00	41.10 1.31 0.00	43.46 1.75 0.00	43.86 1.89 0.00	51.00 2.43 0.00	52.15 2.58 0.00	53.75 2.90 0.00	56.85 2.55 0.00	60.65 1.71 0.00	60.84 1.48 0.00	58.31 1.31 0.00	53.91 1.16 0.00	51.76 1.94 0.00	43.12 1.97 0.00	38.46 1.73 0.00
CE_DUNWOOD___DRP 24194	33.69 1.20 0.00	30.20 0.99 0.00	29.12 0.88 0.00	28.27 0.82 0.00	28.68 0.86 0.00	30.14 0.91 0.00	36.96 1.46 0.00	41.71 1.53 0.00	41.67 1.79 -0.10	42.90 1.68 -0.36	41.89 1.59 -0.51	44.18 1.50 -0.97	44.53 1.64 -0.93	51.82 1.55 -1.70	52.77 1.49 -1.71	53.67 1.47 -1.33	57.36 1.95 -1.10	61.95 2.18 -0.83	61.85 1.96 -0.54	59.07 1.77 -0.31	54.28 1.53 0.00	51.17 1.35 0.00	42.37 1.07 -0.16	38.04 0.92 -0.39
CE_MILLWOOD___DRP 24193	33.62 1.14 0.00	30.14 0.93 0.00	29.06 0.82 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	36.86 1.35 0.00	41.59 1.41 0.00	41.55 1.67 -0.09	42.77 1.55 -0.35	41.76 1.47 -0.50	44.08 1.42 -0.96	44.39 1.51 -0.92	51.65 1.41 -1.67	52.59 1.34 -1.68	53.49 1.32 -1.31	57.17 1.79 -1.08	61.76 2.00 -0.82	61.66 1.78 -0.53	58.95 1.65 -0.30	54.17 1.42 0.00	51.02 1.20 0.00	42.29 0.99 -0.16	37.96 0.84 -0.38
CE_NYC2_DRP 24202	33.82 1.33 0.00	30.28 1.08 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.68 0.86 0.00	30.17 0.94 0.00	37.11 1.60 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.30 1.99 -0.51	44.69 2.00 -0.98	45.13 2.22 -0.94	52.28 1.99 -1.72	53.24 1.93 -1.72	54.19 1.98 -1.35	57.91 2.50 -1.11	62.49 2.71 -0.84	62.09 2.20 -0.54	59.13 1.82 -0.31	54.33 1.58 0.00	51.27 1.44 0.00	42.62 1.32 -0.16	38.16 1.03 -0.39
CE_NYC_DRP 24195	33.88 1.40 0.00	30.34 1.14 0.00	29.23 0.99 0.00	28.38 0.93 0.00	28.79 0.97 0.00	30.28 1.05 0.00	37.25 1.74 0.00	42.07 1.89 0.00	42.11 2.23 -0.10	43.35 2.12 -0.36	42.30 1.99 -0.51	44.65 1.96 -0.98	45.01 2.10 -0.94	52.28 1.99 -1.72	53.23 1.93 -1.72	54.14 1.93 -1.35	57.91 2.50 -1.11	62.55 2.77 -0.84	62.33 2.43 -0.54	59.47 2.17 -0.31	54.54 1.79 0.00	51.47 1.64 0.00	42.70 1.40 -0.16	38.27 1.14 -0.39
CHAFFEE___LFGE 323603	32.32 -0.16 0.00	29.14 -0.06 0.00	28.21 -0.03 0.00	27.44 0.00 0.00	27.81 0.00 0.00	29.14 -0.09 0.00	34.80 -0.71 0.00	39.58 -0.60 0.00	38.43 -1.35 0.00	40.78 -0.08 0.00	39.95 0.16 0.00	42.37 0.67 0.00	42.72 0.76 0.00	49.64 1.07 0.00	50.96 1.39 0.00	52.59 1.73 0.00	55.71 1.41 0.00	59.83 0.89 0.00	60.12 0.77 0.00	57.68 0.69 0.00	53.38 0.64 0.00	51.36 1.55 0.00	42.79 1.65 0.00	38.21 1.47 0.00
CHATEAUG_35_KV_LOAD 355732	33.20 0.71 0.00	29.87 0.67 0.00	28.83 0.59 0.00	28.05 0.60 0.00	28.40 0.58 0.00	29.93 0.70 0.00	36.33 0.82 0.00	41.23 1.04 0.00	40.74 0.95 0.00	41.80 0.94 0.00	40.71 0.92 0.00	42.58 0.88 0.00	42.55 0.59 0.00	49.25 0.68 0.00	50.32 0.74 0.00	51.62 0.76 0.00	55.01 0.71 0.00	59.71 0.77 0.00	60.24 0.89 0.00	57.96 0.97 0.00	53.70 0.95 0.00	50.71 0.90 0.00	41.85 0.70 0.00	37.58 0.84 0.00
CHATEAUG_WT_PWR 323614	33.23 0.75 0.00	29.87 0.67 0.00	28.86 0.62 0.00	28.07 0.63 0.00	28.42 0.61 0.00	29.96 0.73 0.00	36.40 0.89 0.00	41.35 1.17 0.00	40.94 1.15 0.00	42.01 1.14 0.00	40.95 1.15 0.00	42.83 1.13 0.00	43.02 1.05 0.00	49.54 0.97 0.00	50.42 0.84 0.00	51.72 0.86 0.00	55.06 0.76 0.00	59.71 0.76 0.00	60.18 0.83 0.00	57.85 0.86 0.00	53.59 0.84 0.00	50.76 0.94 0.00	42.09 0.95 0.00	37.65 0.92 0.00
CHAT_HIGH_FALL_HYD 323578	33.20 0.71 0.00	29.87 0.67 0.00	28.83 0.59 0.00	28.05 0.60 0.00	28.40 0.58 0.00	29.93 0.70 0.00	36.33 0.82 0.00	41.23 1.04 0.00	40.74 0.95 0.00	41.80 0.94 0.00	40.71 0.92 0.00	42.58 0.88 0.00	42.55 0.59 0.00	49.25 0.68 0.00	50.32 0.74 0.00	51.62 0.76 0.00	55.01 0.71 0.00	59.71 0.77 0.00	60.24 0.89 0.00	57.96 0.97 0.00	53.70 0.95 0.00	50.71 0.90 0.00	41.85 0.70 0.00	37.58 0.84 0.00
CHAUTAUQUA___LFGE 323629	32.22 -0.26 0.00	29.06 -0.15 0.00	28.16 -0.08 0.00	27.39 -0.05 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	34.98 -0.53 0.00	39.90 -0.28 0.00	38.83 -0.96 0.00	41.19 0.33 0.00	40.35 0.56 0.00	42.75 1.04 0.00	43.10 1.13 0.00	50.08 1.51 0.00	51.31 1.73 0.00	52.89 2.04 0.00	56.04 1.74 0.00	60.30 1.36 0.00	60.54 1.19 0.00	58.13 1.14 0.00	53.80 1.05 0.00	51.66 1.84 0.00	43.08 1.93 0.00	38.39 1.65 0.00
CHERRYST_13_KV_LD 356241	33.98 1.49 0.00	30.43 1.23 0.00	29.31 1.07 0.00	28.43 0.99 0.00	28.87 1.06 0.00	30.37 1.14 0.00	37.39 1.88 0.00	42.23 2.05 0.00	42.27 2.39 -0.10	43.52 2.29 -0.36	42.45 2.15 -0.51	44.82 2.13 -0.98	45.22 2.31 -0.94	52.47 2.19 -1.72	53.43 2.13 -1.72	54.34 2.14 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.57 2.67 -0.54	59.70 2.39 -0.31	54.75 2.00 0.00	51.61 1.79 0.00	42.83 1.52 -0.16	38.38 1.25 -0.39

CHESTROR_138KV_BK263 355645	33.30 0.81 0.00	29.87 0.67 0.00	28.83 0.59 0.00	27.99 0.55 0.00	28.40 0.58 0.00	29.85 0.61 0.00	36.47 0.96 0.00	41.15 0.96 0.00	41.01 1.15 -0.07	42.16 1.02 -0.28	41.10 0.92 -0.39	43.29 0.83 -0.75	43.65 0.97 -0.71	50.75 0.87 -1.30	51.68 0.79 -1.31	52.64 0.76 -1.02	56.34 1.19 -0.84	60.94 1.36 -0.64	61.01 1.25 -0.41	58.37 1.14 -0.24	53.70 0.95 0.00	50.62 0.80 0.00	41.93 0.66 -0.12	37.62 0.59 -0.30
CH_MIDHUDSON___DRP 24192	33.49 1.01 0.00	30.05 0.85 0.00	29.00 0.76 0.00	28.18 0.74 0.00	28.56 0.75 0.00	30.02 0.79 0.00	36.68 1.17 0.00	41.39 1.21 0.00	41.29 1.43 -0.07	42.44 1.31 -0.27	41.32 1.15 -0.38	43.56 1.13 -0.72	43.88 1.22 -0.69	51.00 1.17 -1.27	51.94 1.09 -1.27	52.92 1.07 -0.99	56.59 1.47 -0.82	61.33 1.77 -0.62	61.35 1.60 -0.40	58.65 1.42 -0.23	53.96 1.21 0.00	50.82 1.00 0.00	42.09 0.82 -0.12	37.76 0.73 -0.29
CH_MISC_IPPS 23765	33.65 1.17 0.00	30.16 0.96 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.11 0.88 0.00	36.86 1.35 0.00	41.59 1.41 0.00	41.46 1.59 -0.08	42.58 1.43 -0.29	41.43 1.23 -0.40	43.73 1.25 -0.77	44.05 1.34 -0.74	51.28 1.36 -1.35	52.27 1.34 -1.35	53.29 1.37 -1.06	56.91 1.74 -0.87	61.66 2.06 -0.66	61.73 1.96 -0.43	59.01 1.77 -0.25	54.22 1.47 0.00	50.97 1.15 0.00	42.26 0.99 -0.13	37.92 0.88 -0.31
CH_RES_BVR_FALLS 23983	32.45 -0.03 0.00	29.17 -0.03 0.00	28.21 -0.03 0.00	27.41 -0.03 0.00	27.76 -0.06 0.00	29.20 -0.03 0.00	35.47 -0.04 0.00	40.14 -0.04 0.00	39.75 -0.04 0.00	40.82 -0.04 0.00	39.75 -0.04 0.00	41.66 -0.04 0.00	41.92 -0.04 0.00	48.57 0.00 0.00	49.58 0.00 0.00	50.86 0.00 0.00	54.30 0.00 0.00	58.94 0.00 0.00	59.41 0.06 0.00	57.05 0.06 0.00	52.80 0.05 0.00	49.92 0.10 0.00	41.19 0.04 0.00	36.81 0.07 0.00
CH_RES_NIAGARA 23895	31.80 -0.68 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	26.81 -0.63 0.00	27.17 -0.64 0.00	28.36 -0.88 0.00	33.77 -1.74 0.00	38.30 -1.89 0.00	37.00 -2.79 0.00	39.19 -1.68 0.00	38.40 -1.39 0.00	40.83 -0.88 0.00	41.17 -0.80 0.00	47.74 -0.83 0.00	48.93 -0.64 0.00	50.70 -0.15 0.00	53.43 -0.87 0.00	57.47 -1.47 0.00	57.69 -1.66 0.00	55.34 -1.65 0.00	51.32 -1.42 0.00	49.27 -0.55 0.00	41.47 0.33 0.00	36.99 0.26 0.00
CH_RES_SYRACUSE 23985	32.26 -0.23 0.00	29.00 -0.20 0.00	28.04 -0.20 0.00	27.25 -0.19 0.00	27.62 -0.19 0.00	29.00 -0.23 0.00	35.22 -0.29 0.00	39.98 -0.20 0.00	39.47 -0.32 0.00	40.70 -0.16 0.00	39.71 -0.08 0.00	41.71 0.00 0.00	42.01 0.04 0.00	48.62 0.05 0.00	49.63 0.05 0.00	50.91 0.05 0.00	54.25 -0.05 0.00	58.77 -0.18 0.00	59.12 -0.24 0.00	56.88 -0.11 0.00	52.59 -0.16 0.00	49.72 -0.10 0.00	41.15 0.00 0.00	36.70 -0.04 0.00
CLINTON_WT_PWR 323605	33.23 0.75 0.00	29.87 0.67 0.00	28.86 0.62 0.00	28.07 0.63 0.00	28.42 0.61 0.00	29.96 0.73 0.00	36.40 0.89 0.00	41.35 1.17 0.00	40.94 1.15 0.00	42.01 1.14 0.00	40.95 1.15 0.00	42.83 1.13 0.00	43.02 1.05 0.00	49.54 0.97 0.00	50.42 0.84 0.00	51.72 0.86 0.00	55.06 0.76 0.00	59.71 0.76 0.00	60.18 0.83 0.00	57.85 0.86 0.00	53.59 0.84 0.00	50.76 0.94 0.00	42.09 0.95 0.00	37.65 0.92 0.00
CLINTON___LFGE 323618	33.98 1.50 0.00	30.58 1.37 0.00	29.51 1.27 0.00	28.71 1.26 0.00	29.04 1.22 0.00	30.66 1.43 0.00	37.25 1.74 0.00	42.43 2.25 0.00	42.01 2.23 0.00	43.11 2.25 0.00	42.06 2.27 0.00	43.96 2.25 0.00	44.10 2.14 0.00	50.46 1.89 0.00	51.21 1.63 0.00	52.48 1.63 0.00	55.82 1.52 0.00	60.59 1.65 0.00	61.13 1.78 0.00	58.82 1.82 0.00	54.43 1.69 0.00	51.76 1.94 0.00	43.20 2.06 0.00	38.61 1.87 0.00
COBBLENY_34_KV_TB1 80064	32.26 -0.23 0.00	29.14 -0.06 0.00	28.21 -0.03 0.00	27.44 0.00 0.00	27.84 0.03 0.00	29.06 -0.18 0.00	34.73 -0.78 0.00	39.58 -0.60 0.00	38.39 -1.39 0.00	40.66 -0.20 0.00	39.87 0.08 0.00	42.37 0.67 0.00	42.81 0.84 0.00	49.69 1.12 0.00	50.92 1.34 0.00	52.79 1.93 0.00	55.71 1.41 0.00	59.83 0.88 0.00	60.12 0.77 0.00	57.68 0.68 0.00	53.33 0.58 0.00	50.96 1.15 0.00	42.79 1.65 0.00	38.10 1.36 0.00
COFFEEN___115KV_TB3 355620	34.01 1.53 0.00	30.60 1.40 0.00	29.48 1.24 0.00	28.73 1.29 0.00	29.09 1.28 0.00	30.55 1.32 0.00	37.25 1.74 0.00	42.39 2.21 0.00	41.70 1.91 0.00	42.54 1.68 0.00	41.46 1.67 0.00	43.46 1.75 0.00	43.56 1.59 0.00	50.56 1.99 0.00	51.46 1.88 0.00	52.99 2.14 0.00	56.47 2.17 0.00	61.13 2.18 0.00	62.56 3.20 0.00	60.59 3.59 0.00	56.33 3.59 0.00	53.31 3.49 0.00	44.07 2.92 0.00	39.16 2.42 0.00
COLDSPRG_115KV_BK1 355956	32.19 -0.29 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.44 0.00 0.00	27.90 0.08 0.00	29.23 0.00 0.00	35.33 -0.18 0.00	40.55 0.36 0.00	39.59 -0.20 0.00	41.88 1.02 0.00	41.15 1.35 0.00	43.50 1.79 0.00	43.98 2.01 0.00	51.09 2.53 0.00	52.16 2.58 0.00	54.01 3.15 0.00	57.07 2.77 0.00	60.77 1.83 0.00	61.01 1.66 0.00	58.59 1.60 0.00	54.17 1.42 0.00	51.61 1.79 0.00	43.29 2.14 0.00	38.46 1.73 0.00
COLONIE_LFGE___ 323577	33.20 0.71 0.00	29.90 0.70 0.00	28.92 0.68 0.00	28.07 0.63 0.00	28.48 0.67 0.00	29.93 0.70 0.00	36.33 0.82 0.00	40.95 0.76 0.00	40.56 0.87 0.10	41.18 0.69 0.38	39.82 0.56 0.53	41.19 0.54 1.02	41.53 0.54 0.98	47.27 0.49 1.79	48.28 0.50 1.79	49.96 0.51 1.40	53.80 0.65 1.16	58.90 0.82 0.87	59.73 0.95 0.57	57.53 0.86 0.32	53.54 0.79 0.00	50.31 0.50 0.00	41.47 0.50 0.17	36.80 0.48 0.41
COOPERNY_115KV_TB1 80082	33.10 0.62 0.00	29.70 0.50 0.00	28.69 0.45 0.00	27.85 0.41 0.00	28.26 0.45 0.00	29.70 0.47 0.00	36.22 0.71 0.00	40.91 0.72 0.00	40.67 0.84 -0.05	41.83 0.78 -0.19	40.78 0.72 -0.27	42.93 0.71 -0.51	43.25 0.80 -0.49	50.19 0.73 -0.90	51.12 0.64 -0.90	52.22 0.66 -0.70	55.80 0.92 -0.58	60.44 1.06 -0.44	60.59 0.95 -0.28	58.01 0.85 -0.16	53.49 0.74 0.00	50.47 0.65 0.00	41.76 0.53 -0.08	37.38 0.44 -0.20
COPENHAGEN_WT_PWR 323753	33.62 1.14 0.00	30.25 1.05 0.00	29.17 0.93 0.00	28.40 0.96 0.00	28.79 0.97 0.00	30.23 0.99 0.00	36.82 1.31 0.00	41.91 1.73 0.00	41.22 1.43 0.00	42.13 1.27 0.00	41.07 1.27 0.00	43.04 1.33 0.00	43.18 1.22 0.00	50.12 1.55 0.00	50.96 1.39 0.00	52.48 1.63 0.00	55.98 1.69 0.00	60.59 1.65 0.00	61.84 2.49 0.00	59.73 2.74 0.00	55.54 2.79 0.00	52.61 2.79 0.00	43.45 2.30 0.00	38.68 1.95 0.00
CORNELL_____ 23752	32.91 0.42 0.00	29.58 0.38 0.00	28.61 0.37 0.00	27.80 0.36 0.00	28.18 0.36 0.00	29.61 0.38 0.00	35.97 0.46 0.00	40.87 0.68 0.00	40.11 0.32 0.00	41.27 0.41 0.00	40.19 0.40 0.00	42.21 0.50 0.00	42.55 0.59 0.00	49.25 0.68 0.00	50.27 0.69 0.00	51.72 0.86 0.00	55.17 0.87 0.00	59.89 0.94 0.00	60.42 1.07 0.00	58.14 1.14 0.00	53.80 1.05 0.00	50.86 1.05 0.00	42.09 0.95 0.00	37.47 0.73 0.00

CORONA__69_KV_TB1 355595	34.37 1.88 0.00	30.69 1.49 0.00	29.54 1.30 0.00	28.62 1.18 0.00	29.15 1.34 0.00	30.64 1.40 0.00	37.57 2.06 0.00	42.19 2.01 0.00	42.23 2.35 -0.10	43.31 2.08 -0.36	42.26 1.95 -0.51	44.14 1.46 -0.98	44.26 1.55 -0.74	50.95 1.41 -0.98	52.04 1.34 -1.13	53.20 1.32 -1.02	56.62 1.79 -0.53	61.90 2.12 -0.83	61.79 1.90 -0.54	59.01 1.71 -0.31	54.38 1.64 0.00	51.22 1.39 0.00	42.25 0.95 -0.15	38.56 1.43 -0.39
CORTLAND__115KV_TB3 80093	32.65 0.16 0.00	29.35 0.15 0.00	28.41 0.17 0.00	27.61 0.16 0.00	27.98 0.17 0.00	29.38 0.15 0.00	35.69 0.18 0.00	40.51 0.32 0.00	39.95 0.16 0.00	41.11 0.25 0.00	40.07 0.28 0.00	42.08 0.38 0.00	42.43 0.46 0.00	49.10 0.53 0.00	50.12 0.55 0.00	51.47 0.61 0.00	54.90 0.60 0.00	59.53 0.59 0.00	60.00 0.65 0.00	57.68 0.68 0.00	53.38 0.63 0.00	50.47 0.65 0.00	41.76 0.62 0.00	37.18 0.44 0.00
COXSACKIE__GT 23611	33.55 1.07 0.00	30.16 0.96 0.00	29.23 0.99 0.00	28.35 0.90 0.00	28.76 0.95 0.00	30.20 0.96 0.00	36.61 1.10 0.00	41.15 0.96 0.00	40.95 1.19 0.03	41.58 0.82 0.10	40.09 0.44 0.14	41.81 0.37 0.27	42.17 0.46 0.26	48.73 0.63 0.47	49.71 0.60 0.47	51.15 0.66 0.37	54.98 0.98 0.30	60.25 1.53 0.23	61.28 2.08 0.15	58.90 1.99 0.08	54.12 1.37 0.00	50.71 0.90 0.00	42.30 1.19 0.04	37.77 1.14 0.11
CPV_VALLEY__CC1 323721	33.10 0.62 0.00	29.70 0.50 0.00	28.66 0.42 0.00	27.85 0.41 0.00	28.23 0.42 0.00	29.67 0.44 0.00	36.22 0.71 0.00	40.87 0.68 0.00	40.72 0.87 -0.06	41.83 0.74 -0.24	40.76 0.63 -0.33	42.97 0.63 -0.64	43.25 0.67 -0.61	50.27 0.58 -1.11	51.24 0.55 -1.12	52.29 0.56 -0.87	55.89 0.87 -0.72	60.49 1.00 -0.54	60.53 0.83 -0.35	57.94 0.74 -0.20	53.33 0.58 0.00	50.22 0.40 0.00	41.62 0.37 -0.10	37.32 0.33 -0.25
CPV_VALLEY__CC2 323722	33.10 0.62 0.00	29.70 0.50 0.00	28.66 0.42 0.00	27.85 0.41 0.00	28.23 0.42 0.00	29.67 0.44 0.00	36.22 0.71 0.00	40.87 0.68 0.00	40.72 0.87 -0.06	41.83 0.74 -0.24	40.76 0.63 -0.33	42.97 0.63 -0.64	43.25 0.67 -0.61	50.27 0.58 -1.11	51.24 0.55 -1.12	52.29 0.56 -0.87	55.89 0.87 -0.72	60.49 1.00 -0.54	60.53 0.83 -0.35	57.94 0.74 -0.20	53.33 0.58 0.00	50.22 0.40 0.00	41.62 0.37 -0.10	37.32 0.33 -0.25
CRESCENT__HYD 24018	33.20 0.71 0.00	29.90 0.70 0.00	28.92 0.68 0.00	28.07 0.63 0.00	28.48 0.67 0.00	29.93 0.70 0.00	36.33 0.82 0.00	40.95 0.76 0.00	40.56 0.87 0.10	41.18 0.69 0.38	39.82 0.56 0.53	41.19 0.50 1.02	41.53 0.54 0.98	47.27 0.49 1.79	48.28 0.50 1.79	49.96 0.51 1.40	53.80 0.65 1.16	58.90 0.82 0.87	59.73 0.95 0.57	57.53 0.86 0.32	53.54 0.79 0.00	50.31 0.50 0.00	41.47 0.50 0.17	36.80 0.48 0.41
CRICKET__VALLEY_CC1 323756	33.04 0.55 0.00	29.73 0.53 0.00	28.72 0.48 0.00	27.91 0.47 0.00	28.29 0.47 0.00	29.67 0.44 0.00	36.22 0.71 0.00	40.87 0.68 0.00	39.59 0.87 1.07	37.53 0.74 4.07	34.69 0.63 5.74	31.29 0.58 11.00	32.06 0.63 10.53	29.77 0.44 19.23	30.75 0.45 19.27	36.18 0.40 15.08	42.56 0.70 12.44	50.46 0.89 9.37	53.92 0.65 6.09	54.02 0.51 3.49	53.17 0.42 0.00	49.93 0.15 0.03	39.52 0.17 1.79	32.49 0.15 4.39
CRICKET__VALLEY_CC2 323757	33.04 0.55 0.00	29.73 0.53 0.00	28.72 0.48 0.00	27.91 0.47 0.00	28.29 0.47 0.00	29.67 0.44 0.00	36.22 0.71 0.00	40.87 0.68 0.00	39.59 0.87 1.07	37.53 0.74 4.07	34.69 0.63 5.74	31.29 0.58 11.00	32.06 0.63 10.53	29.77 0.44 19.23	30.75 0.45 19.27	36.18 0.40 15.08	42.56 0.70 12.44	50.46 0.89 9.37	53.92 0.65 6.09	54.02 0.51 3.49	53.17 0.42 0.00	49.93 0.15 0.03	39.52 0.17 1.79	32.49 0.15 4.39
CRICKET__VALLEY_CC3 323758	33.04 0.55 0.00	29.73 0.53 0.00	28.72 0.48 0.00	27.91 0.47 0.00	28.29 0.47 0.00	29.67 0.44 0.00	36.22 0.71 0.00	40.87 0.68 0.00	39.59 0.87 1.07	37.53 0.74 4.07	34.69 0.63 5.74	31.29 0.58 11.00	32.06 0.63 10.53	29.77 0.44 19.23	30.75 0.45 19.27	36.18 0.40 15.08	42.56 0.70 12.44	50.46 0.89 9.37	53.92 0.65 6.09	54.02 0.51 3.49	53.17 0.42 0.00	49.93 0.15 0.03	39.52 0.17 1.79	32.49 0.15 4.39
CRUCIBLE__METL_DRP 24180	32.26 -0.23 0.00	29.00 -0.20 0.00	28.04 -0.20 0.00	27.25 -0.19 0.00	27.62 -0.19 0.00	29.00 -0.23 0.00	35.22 -0.28 0.00	39.98 -0.20 0.00	39.47 -0.32 0.00	40.70 -0.16 0.00	39.71 -0.08 0.00	41.71 0.00 0.00	42.01 0.04 0.00	48.67 0.10 0.00	49.68 0.10 0.00	50.96 0.10 0.00	54.25 -0.05 0.00	58.77 -0.18 0.00	59.11 -0.24 0.00	56.82 -0.17 0.00	52.59 -0.16 0.00	49.72 -0.10 0.00	41.19 0.04 0.00	36.66 -0.07 0.00
DAHOWA__HYDRO 323763	33.62 1.14 0.00	30.16 0.96 0.00	29.20 0.96 0.00	28.35 0.90 0.00	28.76 0.95 0.00	30.25 1.02 0.00	36.75 1.24 0.00	41.39 1.20 0.00	40.98 1.27 0.08	41.58 1.02 0.31	39.96 0.60 0.43	41.38 0.50 0.83	41.72 0.54 0.79	47.71 0.58 1.44	48.58 0.45 1.45	50.34 0.61 1.13	54.07 0.70 0.93	59.18 0.94 0.70	60.44 1.54 0.46	58.21 1.48 0.26	54.22 1.47 0.00	50.91 1.09 0.00	42.04 1.03 0.13	37.36 0.95 0.33
DANC__LFGE 323619	32.97 0.49 0.00	29.64 0.44 0.00	28.61 0.37 0.00	27.85 0.41 0.00	28.23 0.42 0.00	29.64 0.41 0.00	36.08 0.57 0.00	40.99 0.80 0.00	40.38 0.60 0.00	41.39 0.53 0.00	40.31 0.52 0.00	42.29 0.58 0.00	42.47 0.51 0.00	49.30 0.73 0.00	50.12 0.55 0.00	51.57 0.71 0.00	54.90 0.60 0.00	59.47 0.53 0.00	60.36 1.01 0.00	58.25 1.25 0.00	54.07 1.32 0.00	51.21 1.39 0.00	42.42 1.28 0.00	37.76 1.03 0.00
DANSKAMMER__1 23586	33.65 1.17 0.00	30.16 0.96 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.11 0.88 0.00	36.86 1.35 0.00	41.59 1.41 0.00	41.46 1.59 -0.08	42.58 1.43 -0.29	41.43 1.23 -0.40	43.73 1.25 -0.77	44.05 1.34 -0.74	51.28 1.36 -1.35	52.27 1.34 -1.35	53.29 1.37 -1.06	56.91 1.74 -0.87	61.66 2.06 -0.66	61.73 1.96 -0.43	59.01 1.77 -0.25	54.22 1.47 0.00	50.97 1.15 0.00	42.26 0.99 -0.13	37.92 0.88 -0.31
DANSKAMMER__2 23589	33.65 1.17 0.00	30.16 0.96 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.11 0.88 0.00	36.86 1.35 0.00	41.59 1.41 0.00	41.46 1.59 -0.08	42.58 1.43 -0.29	41.43 1.23 -0.40	43.73 1.25 -0.77	44.05 1.34 -0.74	51.28 1.36 -1.35	52.27 1.34 -1.35	53.29 1.37 -1.06	56.91 1.74 -0.87	61.66 2.06 -0.66	61.73 1.96 -0.43	59.01 1.77 -0.25	54.22 1.47 0.00	50.97 1.15 0.00	42.26 0.99 -0.13	37.92 0.88 -0.31
DANSKAMMER__3 23590	33.65 1.17 0.00	30.16 0.96 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.11 0.88 0.00	36.86 1.35 0.00	41.59 1.41 0.00	41.46 1.59 -0.08	42.58 1.43 -0.29	41.43 1.23 -0.40	43.73 1.25 -0.77	44.05 1.34 -0.74	51.28 1.36 -1.35	52.27 1.34 -1.35	53.29 1.37 -1.06	56.91 1.74 -0.87	61.66 2.06 -0.66	61.73 1.96 -0.43	59.01 1.77 -0.25	54.22 1.47 0.00	50.97 1.15 0.00	42.26 0.99 -0.13	37.92 0.88 -0.31

DANSKAMMER___4 23591	33.65 1.17 0.00	30.16 0.96 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.11 0.88 0.00	36.86 1.35 0.00	41.59 1.41 0.00	41.46 1.59 -0.08	42.58 1.43 -0.29	41.43 1.23 -0.40	43.73 1.25 -0.77	44.05 1.34 -0.74	51.28 1.36 -1.35	52.27 1.34 -1.35	53.29 1.37 -1.06	56.91 1.74 -0.87	61.66 2.06 -0.66	61.73 1.96 -0.43	59.01 1.77 -0.25	54.22 1.47 0.00	50.97 1.15 0.00	42.26 0.99 -0.13	37.92 0.88 -0.31
DANSKAMMER___DIESEL 23592	33.65 1.17 0.00	30.17 0.96 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.14 0.91 0.00	36.86 1.35 0.00	41.59 1.41 0.00	41.45 1.59 -0.08	42.62 1.47 -0.29	41.47 1.27 -0.40	43.73 1.25 -0.77	44.09 1.38 -0.74	51.33 1.41 -1.35	52.22 1.29 -1.35	53.24 1.32 -1.06	56.91 1.74 -0.87	61.67 2.06 -0.66	61.74 1.96 -0.43	59.01 1.77 -0.25	54.28 1.53 0.00	51.07 1.25 0.00	42.34 1.07 -0.13	37.96 0.92 -0.31
DARBY___SOLAR 323810	33.52 1.04 0.00	30.11 0.91 0.00	29.14 0.90 0.00	28.26 0.82 0.00	28.68 0.86 0.00	30.17 0.94 0.00	36.64 1.14 0.00	41.31 1.12 0.00	40.90 1.19 0.08	41.52 0.98 0.32	39.94 0.60 0.45	41.39 0.54 0.86	41.73 0.59 0.82	47.65 0.58 1.50	48.57 0.50 1.51	50.29 0.61 1.18	54.03 0.70 0.97	59.15 0.94 0.73	60.30 1.42 0.48	58.09 1.37 0.27	54.07 1.32 0.00	50.81 1.00 0.00	41.91 0.90 0.14	37.24 0.85 0.34
DASHVILLE___HYD 23610	33.23 0.75 0.00	29.79 0.58 0.00	28.78 0.54 0.00	27.94 0.49 0.00	28.34 0.53 0.00	29.76 0.53 0.00	36.33 0.82 0.00	40.95 0.76 0.00	41.14 1.31 -0.04	42.21 1.19 -0.16	40.98 0.96 -0.23	43.10 0.96 -0.44	43.48 1.09 -0.42	50.41 1.07 -0.77	51.34 0.99 -0.77	52.43 0.97 -0.60	56.21 1.41 -0.50	61.03 1.71 -0.38	61.20 1.60 -0.24	58.62 1.48 -0.14	53.49 0.74 0.00	50.37 0.55 0.00	42.04 0.82 -0.07	37.65 0.73 -0.18
DELAWARE___LFGE 323621	33.20 0.71 0.00	29.82 0.61 0.00	28.89 0.65 0.00	28.07 0.63 0.00	28.45 0.64 0.00	29.88 0.64 0.00	36.36 0.85 0.00	41.15 0.96 0.00	40.84 1.03 -0.02	41.94 1.02 -0.06	40.91 1.03 -0.08	42.94 1.08 -0.15	43.25 1.13 -0.15	50.10 1.26 -0.27	51.04 1.19 -0.27	52.29 1.22 -0.21	55.89 1.41 -0.18	60.49 1.41 -0.13	60.92 1.48 -0.09	58.41 1.37 -0.05	54.01 1.27 0.00	50.96 1.15 0.00	42.20 1.03 -0.03	37.61 0.81 -0.06
DERFIELD_115KV_TB7 355931	32.42 -0.06 0.00	29.17 -0.03 0.00	28.21 -0.03 0.00	27.41 -0.03 0.00	27.79 -0.03 0.00	29.17 -0.06 0.00	35.47 -0.04 0.00	40.10 -0.08 0.00	39.75 -0.04 0.00	40.78 -0.08 0.00	39.71 -0.08 0.00	41.62 -0.08 0.00	41.88 -0.08 0.00	48.47 -0.10 0.00	49.48 -0.10 0.00	50.76 -0.10 0.00	54.25 -0.05 0.00	58.89 -0.06 0.00	59.35 0.00 0.00	56.94 -0.06 0.00	52.69 -0.05 0.00	49.77 -0.05 0.00	41.10 -0.04 0.00	36.66 -0.07 0.00
DOGLEVILLE___HYD 23807	32.16 -0.32 0.00	28.88 -0.32 0.00	27.90 -0.34 0.00	27.11 -0.33 0.00	27.48 -0.33 0.00	28.91 -0.32 0.00	35.22 -0.28 0.00	39.90 -0.28 0.00	39.55 -0.24 0.00	40.62 -0.25 0.00	39.59 -0.20 0.00	41.54 -0.17 0.00	41.84 -0.13 0.00	48.47 -0.10 0.00	49.48 -0.10 0.00	50.76 -0.10 0.00	54.30 0.00 0.00	58.94 0.00 0.00	59.47 0.12 0.00	57.11 0.11 0.00	52.85 0.11 0.00	49.82 0.00 0.00	41.15 0.00 0.00	36.70 -0.04 0.00
DUNKIRK___115KV_TB_200 55889	32.22 -0.26 0.00	29.11 -0.09 0.00	28.18 -0.06 0.00	27.44 0.00 0.00	27.87 0.06 0.00	29.14 -0.09 0.00	34.91 -0.60 0.00	39.86 -0.32 0.00	38.71 -1.07 0.00	40.99 0.12 0.00	40.19 0.40 0.00	42.62 0.92 0.00	43.06 1.09 0.00	49.98 1.41 0.00	51.11 1.54 0.00	52.94 2.09 0.00	55.93 1.63 0.00	60.18 1.24 0.00	60.48 1.13 0.00	58.02 1.03 0.00	53.75 1.00 0.00	51.26 1.44 0.00	43.04 1.89 0.00	38.24 1.51 0.00
DUNKIRK___1 23563	32.22 -0.26 0.00	29.11 -0.09 0.00	28.18 -0.06 0.00	27.44 0.00 0.00	27.87 0.06 0.00	29.14 -0.09 0.00	34.91 -0.60 0.00	39.86 -0.32 0.00	38.71 -1.07 0.00	40.99 0.12 0.00	40.19 0.40 0.00	42.62 0.92 0.00	43.06 1.09 0.00	49.98 1.41 0.00	51.11 1.54 0.00	52.94 2.09 0.00	55.93 1.63 0.00	60.18 1.24 0.00	60.48 1.13 0.00	58.02 1.03 0.00	53.75 1.00 0.00	51.26 1.44 0.00	43.04 1.89 0.00	38.24 1.51 0.00
DUNKIRK___2 23564	32.22 -0.26 0.00	29.11 -0.09 0.00	28.18 -0.06 0.00	27.44 0.00 0.00	27.87 0.06 0.00	29.14 -0.09 0.00	34.91 -0.60 0.00	39.86 -0.32 0.00	38.71 -1.07 0.00	40.99 0.12 0.00	40.19 0.40 0.00	42.62 0.92 0.00	43.06 1.09 0.00	49.98 1.41 0.00	51.11 1.54 0.00	52.94 2.09 0.00	55.93 1.63 0.00	60.18 1.24 0.00	60.48 1.13 0.00	58.02 1.03 0.00	53.75 1.00 0.00	51.26 1.44 0.00	43.04 1.89 0.00	38.24 1.51 0.00
DUNKIRK___3 23565	32.19 -0.29 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.09 -0.15 0.00	34.80 -0.71 0.00	39.66 -0.52 0.00	38.55 -1.23 0.00	40.74 -0.12 0.00	39.95 0.16 0.00	42.41 0.71 0.00	42.81 0.84 0.00	49.69 1.12 0.00	50.82 1.24 0.00	52.69 1.83 0.00	55.66 1.36 0.00	59.83 0.88 0.00	60.12 0.77 0.00	57.74 0.74 0.00	53.43 0.69 0.00	51.01 1.20 0.00	42.83 1.69 0.00	38.10 1.36 0.00
DUNKIRK___4 23566	32.19 -0.29 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.09 -0.15 0.00	34.80 -0.71 0.00	39.66 -0.52 0.00	38.55 -1.23 0.00	40.74 -0.12 0.00	39.95 0.16 0.00	42.41 0.71 0.00	42.81 0.84 0.00	49.69 1.12 0.00	50.82 1.24 0.00	52.69 1.83 0.00	55.66 1.36 0.00	59.83 0.88 0.00	60.12 0.77 0.00	57.74 0.74 0.00	53.43 0.69 0.00	51.01 1.20 0.00	42.83 1.69 0.00	38.10 1.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.78 1.30 0.00	30.25 1.05 0.00	29.17 0.93 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.07 1.56 0.00	41.79 1.61 0.00	41.79 1.91 -0.10	43.02 1.80 -0.36	42.02 1.71 -0.51	44.32 1.63 -0.98	44.67 1.76 -0.94	51.99 1.70 -1.72	52.94 1.64 -1.72	53.83 1.63 -1.35	57.53 2.12 -1.11	62.14 2.36 -0.84	61.97 2.08 -0.54	59.25 1.94 -0.31	54.38 1.64 0.00	51.27 1.44 0.00	42.50 1.19 -0.16	38.16 1.03 -0.39
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.46 0.97 0.00	29.99 0.79 0.00	28.95 0.71 0.00	28.10 0.66 0.00	28.51 0.70 0.00	29.96 0.73 0.00	36.65 1.14 0.00	41.31 1.13 0.00	41.21 1.35 -0.07	42.35 1.23 -0.27	41.20 1.03 -0.37	43.42 1.00 -0.72	43.79 1.13 -0.69	50.94 1.12 -1.25	51.83 0.99 -1.26	52.86 1.02 -0.98	56.52 1.41 -0.81	61.26 1.71 -0.61	61.29 1.54 -0.40	58.65 1.42 -0.23	53.96 1.21 0.00	50.82 1.00 0.00	42.13 0.86 -0.12	37.76 0.73 -0.29
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.69 1.20 0.00	30.14 0.93 0.00	29.03 0.79 0.00	28.13 0.69 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.75 1.57 0.00	41.91 2.03 -0.10	43.07 1.84 -0.36	42.10 1.79 -0.51	44.52 1.84 -0.98	44.91 2.01 -0.93	51.99 1.70 -1.72	52.99 1.69 -1.72	53.94 1.73 -1.35	57.64 2.23 -1.11	62.20 2.42 -0.84	61.80 1.90 -0.54	58.85 1.54 -0.31	54.07 1.32 0.00	51.02 1.20 0.00	42.42 1.11 -0.16	38.01 0.88 -0.39

E179THST_13_KV_LOAD 356214	33.85 1.36 0.00	30.28 1.08 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.17 0.94 0.00	37.11 1.60 0.00	41.95 1.77 0.00	42.11 2.23 -0.10	43.31 2.08 -0.36	42.34 2.03 -0.51	44.77 2.09 -0.98	45.16 2.27 -0.93	52.28 1.99 -1.72	53.28 1.98 -1.72	54.24 2.03 -1.35	57.96 2.55 -1.11	62.55 2.77 -0.84	62.15 2.26 -0.54	59.19 1.88 -0.31	54.38 1.64 0.00	51.32 1.49 0.00	42.62 1.32 -0.16	38.19 1.07 -0.39
EAST HAMPTON___GT 23717	35.05 2.57 0.00	31.28 2.07 0.00	30.22 1.98 0.00	29.31 1.87 0.00	29.71 1.89 0.00	31.45 2.22 0.00	38.49 2.98 0.00	42.92 2.73 0.00	43.10 3.22 -0.10	43.88 2.65 -0.36	42.65 2.35 -0.51	44.31 1.62 -0.98	42.52 1.59 1.04	44.04 1.46 5.99	46.63 1.49 4.44	50.22 1.42 2.06	51.22 1.85 4.93	62.31 2.53 -0.83	61.90 2.02 -0.53	59.52 2.22 -0.30	54.96 2.21 0.00	51.27 1.45 0.00	41.54 0.25 -0.14	38.64 1.51 -0.39
EAST RIVER___6 23660	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.90 0.00	28.73 0.92 0.00	30.25 1.02 0.00	37.25 1.74 0.00	42.11 1.93 0.00	42.19 2.31 -0.10	43.39 2.16 -0.36	42.33 2.03 -0.51	44.77 2.08 -0.98	45.09 2.18 -0.94	52.33 2.04 -1.72	53.38 2.08 -1.72	54.34 2.14 -1.35	58.07 2.66 -1.11	62.61 2.83 -0.84	62.39 2.49 -0.54	59.53 2.22 -0.31	54.54 1.79 0.00	51.27 1.45 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
EAST RIVER___7 23524	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.90 0.00	28.73 0.92 0.00	30.25 1.02 0.00	37.25 1.74 0.00	42.11 1.93 0.00	42.19 2.31 -0.10	43.39 2.16 -0.36	42.33 2.03 -0.51	44.77 2.08 -0.98	45.09 2.18 -0.94	52.33 2.04 -1.72	53.38 2.08 -1.72	54.34 2.14 -1.35	58.07 2.66 -1.11	62.61 2.83 -0.84	62.39 2.49 -0.54	59.53 2.22 -0.31	54.54 1.79 0.00	51.27 1.45 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.69 1.20 0.00	30.20 0.99 0.00	29.12 0.88 0.00	28.27 0.82 0.00	28.68 0.86 0.00	30.14 0.91 0.00	36.96 1.46 0.00	41.71 1.53 0.00	41.67 1.79 -0.10	42.90 1.68 -0.36	41.89 1.59 -0.51	44.18 1.50 -0.97	44.53 1.64 -0.93	51.82 1.55 -1.70	52.77 1.49 -1.71	53.67 1.47 -1.33	57.36 1.95 -1.10	61.95 2.18 -0.83	61.85 1.96 -0.54	59.07 1.77 -0.31	54.28 1.53 0.00	51.17 1.35 0.00	42.37 1.07 -0.16	38.04 0.92 -0.39
EAST_HAMPTON___DIESEL 23722	35.05 2.57 0.00	31.28 2.07 0.00	30.22 1.98 0.00	29.31 1.87 0.00	29.71 1.89 0.00	31.45 2.22 0.00	38.49 2.98 0.00	42.92 2.73 0.00	43.10 3.22 -0.10	43.84 2.62 -0.36	42.61 2.31 -0.51	44.27 1.58 -0.98	42.48 1.55 1.04	43.99 1.41 5.99	46.53 1.39 4.44	50.18 1.37 2.06	51.11 1.74 4.93	62.25 2.48 -0.83	61.84 1.96 -0.53	59.47 2.17 -0.30	54.86 2.11 0.00	51.17 1.35 0.00	41.46 0.17 -0.14	38.60 1.47 -0.39
EAST_POINT___SOLAR 323840	34.63 2.14 0.00	30.98 1.78 0.00	29.99 1.75 0.00	29.12 1.67 0.00	29.60 1.78 0.00	31.19 1.96 0.00	37.96 2.45 0.00	42.72 2.53 0.00	42.05 2.31 0.05	42.69 2.00 0.18	41.18 1.63 0.25	42.86 1.62 0.47	43.15 1.64 0.45	49.59 1.85 0.83	50.53 1.78 0.83	52.19 1.98 0.65	55.99 2.23 0.54	61.25 2.71 0.40	62.77 3.68 0.26	60.66 3.82 0.15	56.44 3.69 0.00	53.01 3.19 0.00	43.78 2.71 0.08	38.86 2.32 0.19
EAST_PULASKI___ESR 323781	32.32 -0.16 0.00	29.06 -0.15 0.00	28.10 -0.14 0.00	27.31 -0.14 0.00	27.70 -0.11 0.00	29.06 -0.17 0.00	35.33 -0.18 0.00	40.10 -0.08 0.00	39.55 -0.24 0.00	40.66 -0.20 0.00	39.63 -0.16 0.00	41.58 -0.12 0.00	41.84 -0.13 0.00	48.47 -0.10 0.00	49.23 -0.34 0.00	50.55 -0.30 0.00	53.81 -0.49 0.00	58.35 -0.59 0.00	58.94 -0.41 0.00	56.77 -0.23 0.00	52.64 -0.11 0.00	49.82 0.00 0.00	41.39 0.25 0.00	36.85 0.11 0.00
EAST_RIVER___1 323558	33.88 1.40 0.00	30.34 1.14 0.00	29.23 0.99 0.00	28.38 0.93 0.00	28.76 0.95 0.00	30.28 1.05 0.00	37.25 1.74 0.00	42.07 1.89 0.00	42.11 2.23 -0.10	43.31 2.08 -0.36	42.26 1.95 -0.51	44.65 1.96 -0.98	44.96 2.06 -0.94	52.23 1.94 -1.72	53.29 1.99 -1.72	54.19 1.98 -1.35	57.91 2.50 -1.11	62.55 2.77 -0.84	62.33 2.43 -0.54	59.47 2.17 -0.31	54.54 1.79 0.00	51.31 1.49 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
EAST_RIVER___2 323559	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.90 0.00	28.73 0.92 0.00	30.25 1.02 0.00	37.25 1.74 0.00	42.11 1.93 0.00	42.19 2.31 -0.10	43.39 2.16 -0.36	42.33 2.03 -0.51	44.77 2.08 -0.98	45.09 2.18 -0.94	52.33 2.04 -1.72	53.38 2.08 -1.72	54.34 2.14 -1.35	58.07 2.66 -1.11	62.61 2.83 -0.84	62.39 2.49 -0.54	59.53 2.22 -0.31	54.54 1.79 0.00	51.27 1.45 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
EAST___DELAWARE_HYD 23607	33.36 0.88 0.00	29.87 0.67 0.00	28.86 0.62 0.00	28.02 0.58 0.00	28.40 0.59 0.00	29.82 0.58 0.00	36.47 0.96 0.00	41.19 1.01 0.00	41.00 1.15 -0.06	42.10 1.02 -0.21	40.93 0.84 -0.30	43.15 0.88 -0.57	43.43 0.92 -0.55	50.53 0.97 -1.00	51.51 0.94 -1.00	52.60 0.96 -0.78	56.30 1.36 -0.64	61.02 1.59 -0.49	61.27 1.60 -0.31	58.66 1.48 -0.18	53.96 1.21 0.00	50.72 0.90 0.00	42.02 0.78 -0.09	37.66 0.70 -0.23
EIGHT_POINT___WT_PWR 323820	32.03 -0.45 0.00	28.85 -0.35 0.00	27.93 -0.31 0.00	27.22 -0.22 0.00	27.68 -0.14 0.00	29.12 -0.12 0.00	35.19 -0.32 0.00	40.18 0.00 0.00	39.35 -0.44 0.00	41.23 0.37 0.00	40.27 0.48 0.00	42.50 0.79 0.00	42.93 0.97 0.00	49.69 1.12 0.00	50.92 1.34 0.00	52.48 1.63 0.00	55.82 1.52 0.00	60.30 1.36 0.00	60.66 1.30 0.00	58.42 1.43 0.00	54.12 1.37 0.00	51.61 1.79 0.00	43.00 1.85 0.00	38.28 1.54 0.00
ELBRIDGE_115KV_TB2 80188	32.13 -0.36 0.00	28.85 -0.35 0.00	27.93 -0.31 0.00	27.14 -0.30 0.00	27.51 -0.31 0.00	28.88 -0.35 0.00	35.05 -0.46 0.00	39.78 -0.40 0.00	39.23 -0.56 0.00	40.45 -0.41 0.00	39.47 -0.32 0.00	41.45 -0.25 0.00	41.76 -0.21 0.00	48.37 -0.19 0.00	49.38 -0.20 0.00	50.70 -0.15 0.00	53.97 -0.33 0.00	58.53 -0.41 0.00	58.88 -0.47 0.00	56.60 -0.40 0.00	52.38 -0.37 0.00	49.52 -0.30 0.00	41.02 -0.12 0.00	36.55 -0.18 0.00
ELEC_TRO_TEK 24086	34.17 1.69 0.00	30.49 1.28 0.00	29.34 1.10 0.00	28.46 1.02 0.00	28.98 1.17 0.00	30.46 1.23 0.00	37.36 1.85 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.03 1.80 -0.36	41.94 1.63 -0.51	43.81 1.13 -0.98	43.70 1.26 -0.48	49.51 1.02 0.08	50.81 0.94 -0.29	52.33 0.92 -0.55	55.36 1.36 0.30	61.43 1.65 -0.83	61.25 1.37 -0.54	58.56 1.25 -0.31	53.91 1.16 0.00	50.82 1.00 0.00	41.87 0.58 -0.15	38.27 1.14 -0.39
ELLENBURG_WT_PWR 323604	33.23 0.75 0.00	29.87 0.67 0.00	28.86 0.62 0.00	28.07 0.63 0.00	28.42 0.61 0.00	29.96 0.73 0.00	36.40 0.89 0.00	41.35 1.17 0.00	40.94 1.15 0.00	42.01 1.14 0.00	40.95 1.15 0.00	42.83 1.13 0.00	43.02 1.05 0.00	49.54 0.97 0.00	50.42 0.84 0.00	51.72 0.86 0.00	55.06 0.76 0.00	59.71 0.76 0.00	60.18 0.83 0.00	57.85 0.86 0.00	53.59 0.84 0.00	50.76 0.94 0.00	42.09 0.95 0.00	37.65 0.92 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.19 -0.29 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.39 -0.05 0.00	27.76 -0.06 0.00	29.00 -0.23 0.00	34.59 -0.92 0.00	39.38 -0.80 0.00	38.16 -1.63 0.00	40.37 -0.49 0.00	39.59 -0.20 0.00	42.08 0.38 0.00	42.43 0.46 0.00	49.25 0.68 0.00	50.47 0.89 0.00	52.28 1.42 0.00	55.17 0.87 0.00	59.30 0.35 0.00	59.59 0.24 0.00	57.11 0.11 0.00	52.90 0.16 0.00	50.61 0.80 0.00	42.54 1.40 0.00	37.91 1.18 0.00
EMPIRE_CC_1 323656	32.74 0.26 0.00	29.55 0.35 0.00	28.58 0.34 0.00	27.77 0.33 0.00	28.15 0.33 0.00	29.55 0.32 0.00	35.76 0.25 0.00	40.26 0.08 0.00	39.86 0.20 0.13	40.42 0.04 0.48	39.11 0.00 0.68	40.28 -0.12 1.30	40.64 -0.08 1.25	46.05 -0.24 2.27	47.00 -0.30 2.28	48.72 -0.35 1.78	52.56 -0.27 1.47	57.66 -0.18 1.11	58.40 -0.24 0.72	56.30 -0.28 0.41	52.43 -0.31 0.00	49.36 -0.45 0.00	40.65 -0.29 0.21	36.00 -0.22 0.52
EMPIRE_CC_2 323658	32.74 0.26 0.00	29.55 0.35 0.00	28.58 0.34 0.00	27.77 0.33 0.00	28.15 0.33 0.00	29.55 0.32 0.00	35.76 0.25 0.00	40.26 0.08 0.00	39.86 0.20 0.13	40.42 0.04 0.48	39.11 0.00 0.68	40.28 -0.12 1.30	40.64 -0.08 1.25	46.05 -0.24 2.27	47.00 -0.30 2.28	48.72 -0.35 1.78	52.56 -0.27 1.47	57.66 -0.18 1.11	58.40 -0.24 0.72	56.30 -0.28 0.41	52.43 -0.31 0.00	49.36 -0.45 0.00	40.65 -0.29 0.21	36.00 -0.22 0.52
ENORWICH_115KV_TB1 80156	34.11 1.62 0.00	30.66 1.46 0.00	29.60 1.36 0.00	28.79 1.34 0.00	29.23 1.42 0.00	30.69 1.46 0.00	37.50 1.99 0.00	42.76 2.57 0.00	43.62 3.82 -0.01	44.92 4.00 -0.05	44.09 4.22 -0.08	46.56 4.71 -0.15	46.72 4.62 -0.14	54.60 5.78 -0.25	55.34 5.50 -0.25	57.06 6.00 -0.20	60.65 6.19 -0.16	65.08 6.01 -0.12	66.44 7.00 -0.08	63.54 6.50 -0.05	58.81 6.07 0.00	55.40 5.58 0.00	45.78 4.61 -0.02	40.61 3.82 -0.06
ERIE_ST__34_KV_TB1-2 80199	32.13 -0.36 0.00	29.00 -0.20 0.00	28.07 -0.17 0.00	27.33 -0.11 0.00	27.70 -0.11 0.00	28.94 -0.29 0.00	34.59 -0.92 0.00	39.42 -0.76 0.00	38.31 -1.47 0.00	40.58 -0.29 0.00	39.79 0.00 0.00	42.29 0.58 0.00	42.72 0.76 0.00	49.69 1.12 0.00	50.87 1.29 0.00	52.79 1.93 0.00	55.77 1.47 0.00	59.89 0.94 0.00	60.18 0.83 0.00	57.68 0.68 0.00	53.33 0.58 0.00	50.91 1.10 0.00	42.71 1.56 0.00	38.02 1.29 0.00
ERIE_WT_PWR 323693	32.32 -0.16 0.00	29.14 -0.06 0.00	28.21 -0.03 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.14 -0.09 0.00	34.76 -0.75 0.00	39.54 -0.00 0.00	38.39 -1.39 0.00	40.70 -0.16 0.00	39.87 0.08 0.00	42.29 0.58 0.00	42.60 0.63 0.00	49.49 0.92 0.00	50.82 1.24 0.00	52.38 1.52 0.00	55.49 1.19 0.00	59.65 0.71 0.00	59.95 0.59 0.00	57.51 0.51 0.00	53.22 0.47 0.00	51.26 1.45 0.00	42.71 1.56 0.00	38.17 1.43 0.00
ESPRGFLD_115KV_TB1 80157	34.08 1.59 0.00	30.55 1.34 0.00	29.54 1.30 0.00	28.70 1.26 0.00	29.12 1.31 0.00	30.66 1.43 0.00	37.32 1.81 0.00	42.31 2.13 0.00	41.79 2.03 0.03	42.73 1.96 0.10	41.53 1.87 0.14	43.40 1.96 0.26	43.73 2.01 0.25	50.44 2.33 0.46	51.34 2.23 0.46	52.88 2.39 0.36	56.66 2.66 0.30	61.61 2.89 0.23	62.53 3.32 0.15	60.16 3.25 0.08	55.81 3.06 0.00	52.56 2.74 0.00	43.41 2.30 0.04	38.50 1.87 0.11
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.87 0.39 0.00	29.52 0.32 0.00	28.58 0.34 0.00	27.74 0.30 0.00	28.15 0.33 0.00	29.55 0.32 0.00	35.90 0.39 0.00	40.83 0.64 0.00	40.07 0.28 0.00	41.19 0.33 0.00	40.15 0.36 0.00	42.16 0.46 0.00	42.47 0.50 0.00	49.20 0.63 0.00	50.17 0.59 0.00	51.62 0.76 0.00	55.06 0.76 0.00	59.77 0.83 0.00	60.24 0.89 0.00	58.02 1.03 0.00	53.70 0.95 0.00	50.71 0.90 0.00	42.01 0.86 0.00	37.40 0.66 0.00
ETNA____115KV_TB2 80207	32.87 0.39 0.00	29.52 0.32 0.00	28.58 0.34 0.00	27.74 0.30 0.00	28.15 0.33 0.00	29.55 0.32 0.00	35.90 0.39 0.00	40.83 0.64 0.00	40.07 0.28 0.00	41.19 0.33 0.00	40.15 0.36 0.00	42.16 0.46 0.00	42.47 0.50 0.00	49.20 0.63 0.00	50.17 0.59 0.00	51.62 0.76 0.00	55.06 0.76 0.00	59.77 0.83 0.00	60.24 0.89 0.00	58.02 1.03 0.00	53.70 0.95 0.00	50.71 0.90 0.00	42.01 0.86 0.00	37.40 0.66 0.00
EUCLID__115KV_TB2 356179	31.93 -0.55 0.00	28.71 -0.50 0.00	27.76 -0.48 0.00	26.98 -0.47 0.00	27.34 -0.47 0.00	28.71 -0.53 0.00	34.83 -0.67 0.00	39.50 -0.68 0.00	39.03 -0.76 0.00	40.25 -0.61 0.00	39.28 -0.52 0.00	41.25 -0.46 0.00	41.55 -0.42 0.00	48.08 -0.49 0.00	49.13 -0.45 0.00	50.40 -0.46 0.00	53.65 -0.65 0.00	58.18 -0.77 0.00	58.52 -0.83 0.00	56.25 -0.74 0.00	52.01 -0.74 0.00	49.17 -0.65 0.00	40.73 -0.41 0.00	36.29 -0.44 0.00
E_CANADA_CAP_HY 24051	34.43 1.95 0.00	30.84 1.63 0.00	29.85 1.61 0.00	28.95 1.51 0.00	29.43 1.61 0.00	30.99 1.75 0.00	37.71 2.20 0.00	42.51 2.33 0.00	41.93 2.19 0.04	42.63 1.92 0.16	41.21 1.63 0.22	42.95 1.67 0.42	43.24 1.68 0.40	49.78 1.94 0.74	50.72 1.88 0.74	52.32 2.04 0.58	56.16 2.33 0.48	61.41 2.83 0.36	62.68 3.56 0.23	60.40 3.53 0.13	56.13 3.38 0.00	52.76 2.94 0.00	43.59 2.51 0.07	38.70 2.13 0.17
E_CANADA_MHWK_HY 24050	32.13 -0.36 0.00	28.88 -0.32 0.00	27.90 -0.34 0.00	27.11 -0.33 0.00	27.48 -0.33 0.00	28.91 -0.32 0.00	35.22 -0.29 0.00	39.90 -0.28 0.00	39.55 -0.24 0.00	40.62 -0.24 0.00	39.60 -0.20 0.00	41.54 -0.17 0.00	41.84 -0.13 0.00	48.47 -0.10 0.00	49.48 -0.10 0.00	50.81 -0.05 0.00	54.30 0.00 0.00	58.94 0.00 0.00	59.47 0.12 0.00	57.11 0.11 0.00	52.85 0.11 0.00	49.82 0.00 0.00	41.10 -0.04 0.00	36.70 -0.04 0.00
E_FISHKILL__LBMP 23776	33.43 0.94 0.00	29.99 0.79 0.00	28.95 0.71 0.00	28.13 0.69 0.00	28.54 0.72 0.00	29.96 0.73 0.00	36.68 1.17 0.00	41.35 1.17 0.00	41.33 1.43 -0.11	42.57 1.31 -0.40	41.55 1.19 -0.57	43.91 1.13 -1.08	44.26 1.26 -1.04	51.58 1.12 -1.89	52.52 1.04 -1.90	53.36 1.02 -1.49	56.94 1.41 -1.23	61.52 1.65 -0.92	61.38 1.42 -0.60	58.65 1.31 -0.34	53.85 1.11 0.00	50.77 0.95 0.00	42.06 0.74 -0.18	37.83 0.66 -0.43
FALCON__SEABRD_CC1 323796	33.98 1.50 0.00	30.58 1.37 0.00	29.51 1.27 0.00	28.71 1.26 0.00	29.07 1.25 0.00	30.66 1.43 0.00	37.25 1.74 0.00	42.43 2.25 0.00	41.97 2.19 0.00	43.15 2.29 0.00	42.06 2.27 0.00	43.96 2.25 0.00	44.15 2.18 0.00	50.22 1.65 0.00	50.86 1.29 0.00	52.13 1.27 0.00	55.44 1.14 0.00	60.12 1.18 0.00	60.66 1.30 0.00	58.31 1.31 0.00	53.96 1.21 0.00	51.41 1.59 0.00	43.16 2.02 0.00	38.57 1.84 0.00
FALCON__SEABRD_CC2 323797	33.98 1.50 0.00	30.58 1.37 0.00	29.51 1.27 0.00	28.71 1.26 0.00	29.07 1.25 0.00	30.66 1.43 0.00	37.25 1.74 0.00	42.43 2.25 0.00	41.97 2.19 0.00	43.15 2.29 0.00	42.06 2.27 0.00	43.96 2.25 0.00	44.15 2.18 0.00	50.22 1.65 0.00	50.86 1.29 0.00	52.13 1.27 0.00	55.44 1.14 0.00	60.12 1.18 0.00	60.66 1.30 0.00	58.31 1.31 0.00	53.96 1.21 0.00	51.41 1.59 0.00	43.16 2.02 0.00	38.57 1.84 0.00

FAR ROCKAWAY___4 23548	34.66 2.18 0.00	30.90 1.69 0.00	29.74 1.50 0.00	28.81 1.37 0.00	29.37 1.56 0.00	30.87 1.64 0.00	37.85 2.34 0.00	42.55 2.37 0.00	42.59 2.71 -0.10	43.68 2.45 -0.36	42.61 2.31 -0.51	44.52 1.84 -0.98	44.63 1.93 -0.73	51.35 1.85 -0.94	52.46 1.78 -1.10	53.64 1.78 -1.00	57.08 2.28 -0.50	62.43 2.65 -0.83	62.38 2.49 -0.54	59.52 2.22 -0.31	54.86 2.11 0.00	51.66 1.84 0.00	42.57 1.28 -0.15	38.89 1.76 -0.39
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.88 1.40 0.00	30.34 1.14 0.00	29.23 0.99 0.00	28.38 0.93 0.00	28.79 0.97 0.00	30.28 1.05 0.00	37.25 1.74 0.00	42.07 1.89 0.00	42.11 2.23 -0.10	43.31 2.08 -0.36	42.26 1.95 -0.51	44.61 1.92 -0.98	45.01 2.10 -0.94	52.23 1.94 -1.72	53.19 1.88 -1.72	54.09 1.88 -1.35	57.91 2.50 -1.11	62.49 2.71 -0.84	62.33 2.43 -0.54	59.47 2.17 -0.31	54.54 1.79 0.00	51.47 1.64 0.00	42.70 1.40 -0.16	38.27 1.14 -0.39
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.88 1.40 0.00	30.37 1.17 0.00	29.26 1.02 0.00	28.38 0.93 0.00	28.79 0.97 0.00	30.31 1.08 0.00	37.25 1.74 0.00	42.07 1.89 0.00	42.11 2.23 -0.10	43.31 2.08 -0.36	42.26 1.95 -0.51	44.61 1.92 -0.98	45.01 2.10 -0.94	52.23 1.94 -1.72	53.19 1.88 -1.72	54.14 1.93 -1.35	57.91 2.50 -1.11	62.49 2.71 -0.84	62.33 2.43 -0.54	59.47 2.17 -0.31	54.59 1.85 0.00	51.47 1.64 0.00	42.70 1.40 -0.16	38.30 1.18 -0.39
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.88 1.40 0.00	30.34 1.14 0.00	29.23 0.99 0.00	28.35 0.91 0.00	28.79 0.97 0.00	30.28 1.05 0.00	37.25 1.74 0.00	42.03 1.85 0.00	42.07 2.19 -0.10	43.31 2.08 -0.36	42.26 1.95 -0.51	44.61 1.92 -0.98	44.96 2.06 -0.94	52.23 1.94 -1.72	53.19 1.88 -1.72	54.09 1.88 -1.35	57.86 2.44 -1.11	62.43 2.65 -0.84	62.27 2.37 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.42 1.59 0.00	42.66 1.36 -0.16	38.27 1.14 -0.39
FARRAGUT___LBMP 323566	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.21 1.70 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.27 2.04 -0.36	42.22 1.91 -0.51	44.57 1.88 -0.98	44.92 2.01 -0.94	52.13 1.85 -1.72	53.14 1.83 -1.72	54.04 1.83 -1.35	57.80 2.39 -1.11	62.38 2.59 -0.84	62.21 2.31 -0.54	59.36 2.05 -0.31	54.49 1.74 0.00	51.42 1.59 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
FENNER___WINDPWR 24204	32.94 0.45 0.00	29.64 0.44 0.00	28.64 0.40 0.00	27.83 0.38 0.00	28.23 0.42 0.00	29.64 0.41 0.00	36.04 0.53 0.00	40.91 0.72 0.00	40.38 0.60 0.00	41.48 0.61 0.00	40.47 0.68 0.00	42.50 0.79 0.00	42.76 0.80 0.00	49.59 1.02 0.00	50.52 0.94 0.00	51.93 1.07 0.00	55.44 1.14 0.00	60.06 1.12 0.00	60.66 1.30 0.00	58.31 1.31 0.00	54.01 1.26 0.00	50.96 1.15 0.00	42.13 0.99 0.00	37.51 0.77 0.00
FIBERTEK___ENERGY 23856	32.26 -0.23 0.00	29.00 -0.20 0.00	28.04 -0.20 0.00	27.25 -0.19 0.00	27.62 -0.19 0.00	29.00 -0.23 0.00	35.22 -0.28 0.00	39.98 -0.20 0.00	39.47 -0.32 0.00	40.70 -0.16 0.00	39.71 -0.08 0.00	41.71 0.00 0.00	42.01 0.04 0.00	48.67 0.10 0.00	49.68 0.10 0.00	50.96 0.10 0.00	54.25 -0.05 0.00	58.77 -0.18 0.00	59.11 -0.24 0.00	56.82 -0.17 0.00	52.59 -0.16 0.00	49.72 -0.10 0.00	41.19 0.04 0.00	36.66 -0.07 0.00
FITZPATRICK___ 23598	31.48 -1.01 0.00	28.30 -0.91 0.00	27.39 -0.85 0.00	26.62 -0.82 0.00	26.98 -0.83 0.00	28.33 -0.91 0.00	34.37 -1.14 0.00	38.90 -1.29 0.00	38.48 -1.31 0.00	39.64 -1.22 0.00	38.60 -1.19 0.00	40.54 -1.17 0.00	40.79 -1.17 0.00	47.26 -1.31 0.00	48.19 -1.39 0.00	49.49 -1.37 0.00	52.72 -1.58 0.00	57.23 -1.71 0.00	57.63 -1.72 0.00	55.40 -1.60 0.00	51.27 -1.48 0.00	48.48 -1.34 0.00	40.12 -1.03 0.00	35.78 -0.96 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.72 1.23 0.00	30.22 1.02 0.00	29.17 0.93 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.17 0.94 0.00	36.93 1.42 0.00	41.63 1.45 0.00	41.54 1.67 -0.08	42.71 1.55 -0.30	41.52 1.31 -0.42	43.84 1.33 -0.80	44.20 1.47 -0.77	51.43 1.46 -1.40	52.37 1.39 -1.41	53.38 1.42 -1.10	57.05 1.85 -0.91	61.81 2.18 -0.68	61.87 2.08 -0.44	59.13 1.88 -0.25	54.38 1.64 0.00	51.17 1.35 0.00	42.39 1.11 -0.13	38.05 0.99 -0.32
FORT ORANGE___ 23900	32.68 0.20 0.00	29.46 0.26 0.00	28.52 0.28 0.00	27.69 0.25 0.00	28.06 0.25 0.00	29.49 0.26 0.00	35.72 0.21 0.00	40.18 0.00 0.00	39.92 0.20 0.06	40.58 -0.04 0.24	39.34 -0.12 0.34	40.81 -0.25 0.64	41.14 -0.21 0.62	47.11 -0.34 1.12	48.11 -0.34 1.13	49.62 -0.35 0.88	53.30 -0.27 0.73	58.22 -0.18 0.55	58.94 -0.06 0.36	56.68 -0.11 0.20	52.59 -0.16 0.00	49.42 -0.40 0.00	40.88 -0.16 0.10	36.37 -0.11 0.26
FORT_DRUM_COGEN 23780	33.78 1.30 0.00	30.40 1.20 0.00	29.31 1.07 0.00	28.54 1.10 0.00	28.93 1.11 0.00	30.34 1.11 0.00	37.00 1.49 0.00	42.11 1.93 0.00	41.42 1.63 0.00	42.29 1.43 0.00	41.23 1.43 0.00	43.21 1.50 0.00	43.35 1.38 0.00	50.37 1.80 0.00	51.26 1.69 0.00	52.74 1.88 0.00	56.25 1.95 0.00	60.83 1.89 0.00	62.14 2.79 0.00	60.07 3.08 0.00	55.86 3.11 0.00	52.91 3.09 0.00	43.70 2.55 0.00	38.87 2.13 0.00
FOX_HILLS___ESR 323835	33.88 1.40 0.00	30.28 1.08 0.00	29.12 0.88 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.05 0.82 0.00	37.00 1.49 0.00	41.87 1.69 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.73 2.04 -0.98	45.22 2.31 -0.94	52.38 2.09 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.23 1.10 -0.39
FPL_FAR_ROCK_GT1 24212	34.66 2.18 0.00	30.90 1.69 0.00	29.74 1.50 0.00	28.81 1.37 0.00	29.20 1.39 0.00	30.87 1.64 0.00	37.85 2.34 0.00	42.43 2.25 0.00	42.55 2.67 -0.10	43.56 2.33 -0.36	42.45 2.15 -0.51	44.52 1.83 -0.98	44.59 1.89 -0.73	51.35 1.85 -0.94	52.56 1.88 -1.10	53.79 1.93 -1.00	57.13 2.33 -0.50	62.43 2.65 -0.83	62.38 2.49 -0.54	59.52 2.22 -0.31	54.75 2.00 0.00	51.37 1.55 0.00	42.49 1.19 -0.15	38.78 1.65 -0.39
FPL_FAR_ROCK_GT2 23815	34.66 2.18 0.00	30.90 1.69 0.00	29.74 1.50 0.00	28.81 1.37 0.00	29.20 1.39 0.00	30.87 1.64 0.00	37.85 2.34 0.00	42.43 2.25 0.00	42.55 2.67 -0.10	43.56 2.33 -0.36	42.45 2.15 -0.51	44.52 1.83 -0.98	44.59 1.89 -0.73	51.35 1.85 -0.94	52.56 1.88 -1.10	53.79 1.93 -1.00	57.13 2.33 -0.50	62.43 2.65 -0.83	62.38 2.49 -0.54	59.52 2.22 -0.31	54.75 2.00 0.00	51.37 1.55 0.00	42.49 1.19 -0.15	38.78 1.65 -0.39
FRANKLIN_FALL_HYD 24054	33.62 1.14 0.00	30.25 1.05 0.00	29.20 0.96 0.00	28.40 0.96 0.00	28.76 0.95 0.00	30.34 1.11 0.00	36.86 1.35 0.00	42.03 1.85 0.00	41.62 1.83 0.00	42.74 1.88 0.00	41.70 1.91 0.00	43.58 1.88 0.00	43.56 1.59 0.00	50.51 1.94 0.00	51.51 1.93 0.00	52.84 1.98 0.00	56.15 1.85 0.00	60.95 2.00 0.00	61.49 2.14 0.00	59.16 2.17 0.00	54.75 2.00 0.00	51.71 1.89 0.00	42.59 1.44 0.00	38.21 1.47 0.00

FREEPORT_EQUS_GT1 23764	34.43 1.95 0.00	30.72 1.52 0.00	29.54 1.30 0.00	28.65 1.21 0.00	29.01 1.20 0.00	30.66 1.43 0.00	37.57 2.06 0.00	42.07 1.89 0.00	42.19 2.31 -0.10	43.15 1.92 -0.36	41.98 1.67 -0.51	43.98 1.29 -0.98	43.16 1.34 0.15	47.25 1.21 2.53	49.15 1.24 1.67	51.60 1.27 0.53	53.77 1.69 2.22	61.72 1.94 -0.83	61.61 1.72 -0.53	58.84 1.54 -0.31	54.17 1.42 0.00	50.77 0.94 0.00	41.95 0.66 -0.15	38.41 1.29 -0.39
FREEPORT___CT2 23818	34.43 1.95 0.00	30.72 1.52 0.00	29.54 1.30 0.00	28.65 1.21 0.00	29.01 1.20 0.00	30.66 1.43 0.00	37.57 2.06 0.00	42.07 1.89 0.00	42.19 2.31 -0.10	43.15 1.92 -0.36	41.98 1.67 -0.51	43.98 1.29 -0.98	43.16 1.34 0.15	47.25 1.21 2.53	49.15 1.24 1.67	51.60 1.27 0.53	53.77 1.69 2.22	61.72 1.94 -0.83	61.61 1.72 -0.53	58.84 1.54 -0.31	54.17 1.42 0.00	50.77 0.94 0.00	41.95 0.66 -0.15	38.41 1.29 -0.39
FRESHKLS_33_KV_LOAD 356253	33.91 1.43 0.00	30.31 1.11 0.00	29.17 0.93 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.08 0.85 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.30 2.39 -0.94	52.52 2.23 -1.72	53.53 2.23 -1.72	54.60 2.39 -1.35	58.34 2.93 -1.11	62.97 3.18 -0.84	62.63 2.73 -0.54	59.64 2.34 -0.31	54.75 2.00 0.00	51.66 1.84 0.00	42.87 1.56 -0.16	38.34 1.21 -0.39
FULTON COGEN____ 23766	31.90 -0.58 0.00	28.68 -0.53 0.00	27.73 -0.51 0.00	26.95 -0.49 0.00	27.34 -0.47 0.00	28.68 -0.56 0.00	34.83 -0.67 0.00	39.50 -0.68 0.00	39.03 -0.76 0.00	40.21 -0.65 0.00	39.20 -0.60 0.00	41.16 -0.54 0.00	41.46 -0.50 0.00	48.03 -0.53 0.00	49.03 -0.55 0.00	50.25 -0.61 0.00	53.49 -0.81 0.00	58.06 -0.88 0.00	58.40 -0.95 0.00	56.14 -0.85 0.00	51.96 -0.79 0.00	49.12 -0.70 0.00	40.69 -0.45 0.00	36.26 -0.48 0.00
FULTON___LFGE 323630	34.37 1.88 0.00	30.78 1.58 0.00	29.79 1.55 0.00	28.90 1.45 0.00	29.37 1.56 0.00	30.93 1.69 0.00	37.64 2.13 0.00	42.39 2.21 0.00	41.73 1.99 0.05	42.27 1.59 0.18	40.73 1.19 0.25	42.39 1.17 0.49	42.67 1.17 0.47	49.03 1.31 0.85	49.97 1.24 0.85	51.61 1.42 0.67	55.60 1.85 0.55	60.95 2.42 0.41	62.34 3.26 0.27	60.15 3.30 0.15	55.86 3.11 0.00	52.50 2.69 0.00	43.37 2.30 0.08	38.52 1.98 0.19
G.F.CEMENT___DRP 24184	33.65 1.17 0.00	30.17 0.96 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.76 0.95 0.00	30.28 1.05 0.00	36.79 1.28 0.00	41.43 1.25 0.00	41.06 1.35 0.07	41.68 1.10 0.28	39.91 0.52 0.40	41.40 0.46 0.77	41.73 0.50 0.73	47.71 0.49 1.34	48.53 0.30 1.34	50.26 0.46 1.05	53.98 0.54 0.87	59.06 0.77 0.65	60.53 1.60 0.42	58.29 1.54 0.24	54.38 1.64 0.00	51.01 1.20 0.00	42.13 1.11 0.12	37.46 1.03 0.31
GARDENVILLE___LBMP 24039	32.19 -0.29 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.39 -0.05 0.00	27.76 -0.06 0.00	29.00 -0.23 0.00	34.62 -0.89 0.00	39.42 -0.76 0.00	38.24 -1.55 0.00	40.45 -0.41 0.00	39.67 -0.12 0.00	42.12 0.42 0.00	42.55 0.59 0.00	49.39 0.83 0.00	50.57 0.99 0.00	52.38 1.53 0.00	55.28 0.98 0.00	59.42 0.47 0.00	59.71 0.36 0.00	57.28 0.28 0.00	53.06 0.32 0.00	50.71 0.90 0.00	42.59 1.44 0.00	37.95 1.21 0.00
GARDNVLA_35_KV_LD 355827	32.32 -0.16 0.00	29.20 0.00 0.00	28.27 0.03 0.00	27.50 0.05 0.00	27.87 0.06 0.00	29.12 -0.12 0.00	34.76 -0.75 0.00	39.58 -0.60 0.00	38.43 -1.35 0.00	40.66 -0.20 0.00	39.91 0.12 0.00	42.37 0.67 0.00	42.81 0.84 0.00	49.69 1.12 0.00	50.87 1.29 0.00	52.79 1.93 0.00	55.66 1.36 0.00	59.77 0.83 0.00	60.06 0.71 0.00	57.62 0.63 0.00	53.33 0.58 0.00	50.96 1.15 0.00	42.79 1.65 0.00	38.13 1.40 0.00
GELCKHM___115KV_LOAD 80723	32.03 -0.45 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	27.06 -0.38 0.00	27.45 -0.36 0.00	28.82 -0.41 0.00	34.98 -0.53 0.00	39.70 -0.48 0.00	39.19 -0.60 0.00	40.41 -0.45 0.00	39.43 -0.36 0.00	41.41 -0.29 0.00	41.71 -0.25 0.00	48.33 -0.24 0.00	49.33 -0.25 0.00	50.60 -0.25 0.00	53.87 -0.43 0.00	58.41 -0.53 0.00	58.76 -0.59 0.00	56.48 -0.51 0.00	52.22 -0.53 0.00	49.37 -0.45 0.00	40.90 -0.25 0.00	36.44 -0.29 0.00
GENERAL___MILLS 23808	32.26 -0.23 0.00	29.14 -0.06 0.00	28.21 -0.03 0.00	27.44 0.00 0.00	27.81 0.00 0.00	29.06 -0.18 0.00	34.69 -0.82 0.00	39.50 -0.68 0.00	38.31 -1.47 0.00	40.54 -0.33 0.00	39.79 0.00 0.00	42.25 0.54 0.00	42.64 0.67 0.00	49.54 0.97 0.00	50.72 1.14 0.00	52.59 1.73 0.00	55.44 1.14 0.00	59.59 0.65 0.00	59.89 0.53 0.00	57.45 0.46 0.00	53.17 0.42 0.00	50.86 1.05 0.00	42.71 1.56 0.00	38.06 1.32 0.00
GE_PLASTICS___DRP 24183	32.68 0.19 0.00	29.44 0.23 0.00	28.49 0.25 0.00	27.66 0.22 0.00	28.06 0.25 0.00	29.47 0.23 0.00	35.72 0.21 0.00	40.26 0.08 0.00	39.98 0.24 0.04	40.81 0.12 0.17	39.55 0.00 0.24	41.20 -0.04 0.46	41.52 0.00 0.44	47.62 -0.15 0.81	48.57 -0.20 0.81	49.97 -0.25 0.63	53.67 -0.11 0.52	58.55 0.00 0.39	59.10 0.00 0.25	56.79 -0.06 0.15	52.64 -0.11 0.00	49.62 -0.20 0.00	40.99 -0.08 0.07	36.48 -0.07 0.18
GILBOA___1 23756	32.88 0.39 0.00	29.55 0.35 0.00	28.69 0.45 0.00	27.85 0.41 0.00	28.26 0.44 0.00	29.67 0.44 0.00	35.94 0.43 0.00	40.63 0.44 0.00	40.32 0.52 -0.02	41.39 0.45 -0.07	40.29 0.40 -0.10	42.28 0.37 -0.20	42.57 0.42 -0.19	49.26 0.34 -0.35	50.22 0.30 -0.35	51.33 0.20 -0.27	54.91 0.38 -0.22	59.58 0.47 -0.17	59.88 0.42 -0.11	57.40 0.34 -0.06	53.01 0.27 0.00	50.02 0.20 0.00	41.43 0.25 -0.03	37.00 0.18 -0.08
GILBOA___2 23757	32.88 0.39 0.00	29.55 0.35 0.00	28.69 0.45 0.00	27.85 0.41 0.00	28.26 0.44 0.00	29.67 0.44 0.00	35.94 0.43 0.00	40.63 0.44 0.00	40.32 0.52 -0.02	41.39 0.45 -0.07	40.29 0.40 -0.10	42.28 0.37 -0.20	42.57 0.42 -0.19	49.26 0.34 -0.35	50.22 0.30 -0.35	51.33 0.20 -0.27	54.91 0.38 -0.22	59.58 0.47 -0.17	59.88 0.42 -0.11	57.40 0.34 -0.06	53.01 0.27 0.00	50.02 0.20 0.00	41.43 0.25 -0.03	37.00 0.18 -0.08
GILBOA___3 23758	32.88 0.39 0.00	29.55 0.35 0.00	28.69 0.45 0.00	27.85 0.41 0.00	28.26 0.44 0.00	29.67 0.44 0.00	35.94 0.43 0.00	40.63 0.44 0.00	40.32 0.52 -0.02	41.39 0.45 -0.07	40.29 0.40 -0.10	42.28 0.37 -0.20	42.57 0.42 -0.19	49.26 0.34 -0.35	50.22 0.30 -0.35	51.33 0.20 -0.27	54.91 0.38 -0.22	59.58 0.47 -0.17	59.88 0.42 -0.11	57.40 0.34 -0.06	53.01 0.27 0.00	50.02 0.20 0.00	41.43 0.25 -0.03	37.00 0.18 -0.08
GILBOA___4 23759	32.88 0.39 0.00	29.55 0.35 0.00	28.69 0.45 0.00	27.85 0.41 0.00	28.26 0.44 0.00	29.67 0.44 0.00	35.94 0.43 0.00	40.63 0.44 0.00	40.32 0.52 -0.02	41.39 0.45 -0.07	40.29 0.40 -0.10	42.28 0.37 -0.20	42.57 0.42 -0.19	49.26 0.34 -0.35	50.22 0.30 -0.35	51.33 0.20 -0.27	54.91 0.38 -0.22	59.58 0.47 -0.17	59.88 0.42 -0.11	57.40 0.34 -0.06	53.01 0.27 0.00	50.02 0.20 0.00	41.43 0.25 -0.03	37.00 0.18 -0.08

GILBOA____ 23599	32.87 0.39 0.00	29.55 0.35 0.00	28.69 0.45 0.00	27.85 0.41 0.00	28.26 0.45 0.00	29.67 0.44 0.00	35.97 0.46 0.00	40.63 0.44 0.00	40.32 0.52 -0.02	41.39 0.45 -0.07	40.29 0.40 -0.10	42.28 0.38 -0.20	42.62 0.46 -0.19	49.25 0.34 -0.35	50.22 0.30 -0.35	51.33 0.20 -0.27	54.90 0.38 -0.22	59.58 0.47 -0.17	59.88 0.42 -0.11	57.40 0.34 -0.06	53.01 0.26 0.00	50.12 0.30 0.00	41.47 0.29 -0.03	37.03 0.22 -0.08
GINNA____ 23603	31.09 -1.40 0.00	27.89 -1.31 0.00	27.03 -1.21 0.00	26.15 -1.29 0.00	26.56 -1.25 0.00	27.92 -1.31 0.00	33.63 -1.88 0.00	38.26 -1.93 0.00	37.60 -2.19 0.00	39.23 -1.64 0.00	38.36 -1.43 0.00	40.46 -1.25 0.00	40.66 -1.30 0.00	47.26 -1.31 0.00	48.49 -1.09 0.00	49.74 -1.12 0.00	52.84 -1.46 0.00	57.06 -1.89 0.00	57.27 -2.08 0.00	55.00 -2.00 0.00	51.01 -1.74 0.00	48.67 -1.14 0.00	40.20 -0.94 0.00	35.78 -0.96 0.00
GLEN PARK____ 23778	33.95 1.46 0.00	30.58 1.37 0.00	29.45 1.21 0.00	28.68 1.24 0.00	29.07 1.25 0.00	30.52 1.28 0.00	37.21 1.70 0.00	42.35 2.17 0.00	41.62 1.83 0.00	42.50 1.64 0.00	41.43 1.63 0.00	43.38 1.67 0.00	43.52 1.55 0.00	50.51 1.94 0.00	51.36 1.78 0.00	52.89 2.04 0.00	56.42 2.12 0.00	61.06 2.12 0.00	62.50 3.14 0.00	60.47 3.48 0.00	56.23 3.48 0.00	53.25 3.43 0.00	43.98 2.84 0.00	39.12 2.39 0.00
GLENDALE_27_KV_LOAD 356172	33.98 1.49 0.00	30.40 1.20 0.00	29.26 1.02 0.00	28.35 0.91 0.00	28.79 0.97 0.00	30.28 1.05 0.00	37.25 1.74 0.00	42.15 1.97 0.00	42.27 2.39 -0.10	43.47 2.25 -0.36	42.49 2.19 -0.51	44.94 2.25 -0.98	45.38 2.48 -0.94	52.57 2.28 -1.72	53.53 2.23 -1.72	54.49 2.29 -1.35	58.24 2.82 -1.11	62.85 3.07 -0.84	62.51 2.61 -0.54	59.53 2.22 -0.31	54.65 1.90 0.00	51.56 1.74 0.00	42.83 1.52 -0.16	38.34 1.21 -0.39
GLENWOOD_IC_1_G5 23712	34.14 1.66 0.00	30.52 1.31 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.98 1.17 0.00	30.46 1.23 0.00	37.36 1.85 0.00	42.07 1.89 0.00	42.11 2.23 -0.10	43.27 2.04 -0.36	42.22 1.91 -0.51	44.31 1.63 -0.98	44.02 1.76 -0.29	49.40 1.65 0.82	50.86 1.59 0.31	52.30 1.22 -0.23	55.10 1.68 0.88	61.72 1.95 -0.84	61.55 1.66 -0.54	58.79 1.48 -0.31	54.07 1.32 0.00	51.32 1.49 0.00	42.33 1.03 -0.15	38.41 1.29 -0.39
GLENWOOD_IC_2_G1 23688	33.95 1.46 0.00	30.37 1.17 0.00	29.29 1.05 0.00	28.40 0.96 0.00	28.79 0.97 0.00	30.31 1.08 0.00	37.18 1.67 0.00	41.87 1.69 0.00	41.91 2.03 -0.10	43.02 1.80 -0.36	41.98 1.67 -0.51	44.19 1.50 -0.98	44.50 1.59 -0.94	51.85 1.51 -1.78	52.88 1.54 -1.77	53.76 1.52 -1.37	57.36 1.90 -1.16	61.90 2.12 -0.84	61.80 1.90 -0.54	58.96 1.65 -0.31	54.22 1.47 0.00	50.97 1.15 0.00	42.21 0.90 -0.16	38.19 1.07 -0.39
GLENWOOD_IC_3_G1 23689	33.95 1.46 0.00	30.37 1.17 0.00	29.29 1.05 0.00	28.40 0.96 0.00	28.79 0.97 0.00	30.31 1.08 0.00	37.18 1.67 0.00	41.87 1.69 0.00	41.91 2.03 -0.10	43.02 1.80 -0.36	41.98 1.67 -0.51	44.19 1.50 -0.98	44.50 1.59 -0.94	51.85 1.51 -1.78	52.88 1.54 -1.77	53.76 1.52 -1.37	57.36 1.90 -1.16	61.90 2.12 -0.84	61.80 1.90 -0.54	58.96 1.65 -0.31	54.22 1.47 0.00	50.97 1.15 0.00	42.21 0.90 -0.16	38.19 1.07 -0.39
GLENWOOD____4 23550	34.14 1.66 0.00	30.52 1.31 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.98 1.17 0.00	30.46 1.23 0.00	37.36 1.85 0.00	42.07 1.89 0.00	42.11 2.23 -0.10	43.27 2.04 -0.36	42.22 1.91 -0.51	44.31 1.63 -0.98	44.02 1.76 -0.29	49.40 1.65 0.82	50.86 1.59 0.31	52.46 1.37 -0.23	55.26 1.85 0.88	61.84 2.06 -0.84	61.73 1.84 -0.54	58.96 1.65 -0.31	54.22 1.48 0.00	51.32 1.49 0.00	42.33 1.03 -0.15	38.41 1.29 -0.39
GLENWOOD____5 23614	34.14 1.66 0.00	30.52 1.31 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.98 1.17 0.00	30.46 1.23 0.00	37.36 1.85 0.00	42.07 1.89 0.00	42.11 2.23 -0.10	43.27 2.04 -0.36	42.22 1.91 -0.51	44.31 1.63 -0.98	44.02 1.76 -0.29	49.40 1.65 0.82	50.86 1.59 0.31	52.46 1.37 -0.23	55.26 1.85 0.88	61.84 2.06 -0.84	61.73 1.84 -0.54	58.96 1.65 -0.31	54.22 1.48 0.00	51.32 1.49 0.00	42.33 1.03 -0.15	38.41 1.29 -0.39
GLOBAL GREEN_PORT_GT1 23814	35.05 2.57 0.00	31.25 2.04 0.00	30.16 1.92 0.00	29.25 1.81 0.00	29.65 1.84 0.00	31.40 2.16 0.00	38.42 2.91 0.00	42.92 2.73 0.00	43.10 3.22 -0.10	43.92 2.70 -0.36	42.69 2.39 -0.51	44.39 1.71 -0.98	42.61 1.68 1.04	44.18 1.60 5.99	46.78 1.63 4.44	50.38 1.58 2.06	51.38 2.01 4.93	62.55 2.77 -0.83	62.14 2.25 -0.53	59.75 2.45 -0.30	55.23 2.48 0.00	51.52 1.69 0.00	41.74 0.45 -0.14	38.78 1.65 -0.39
GLOBE____DSASP 323697	31.74 -0.75 0.00	28.74 -0.47 0.00	27.82 -0.42 0.00	26.76 -0.69 0.00	27.12 -0.70 0.00	28.30 -0.94 0.00	33.70 -1.81 0.00	38.17 -2.01 0.00	36.88 -2.90 0.00	39.06 -1.80 0.00	38.28 -1.51 0.00	40.70 -1.00 0.00	41.04 -0.92 0.00	47.60 -0.97 0.00	48.78 -0.79 0.00	50.55 -0.31 0.00	53.27 -1.03 0.00	57.29 -1.65 0.00	57.57 -1.78 0.00	55.17 -1.82 0.00	51.22 -1.53 0.00	49.12 -0.70 0.00	41.35 0.21 0.00	36.88 0.15 0.00
GOETHSLN____LBMP 323567	33.72 1.23 0.00	30.20 0.99 0.00	29.09 0.85 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.14 0.91 0.00	37.07 1.56 0.00	41.87 1.69 0.00	41.91 2.03 -0.10	43.11 1.88 -0.36	42.02 1.71 -0.51	44.36 1.67 -0.98	44.75 1.85 -0.94	51.94 1.65 -1.72	52.89 1.59 -1.72	53.78 1.58 -1.35	57.53 2.12 -1.11	62.14 2.36 -0.84	61.91 2.02 -0.54	59.13 1.82 -0.31	54.22 1.48 0.00	51.17 1.35 0.00	42.50 1.19 -0.16	38.08 0.96 -0.39
GOLAH____69_KV_TB 1_2 80279	32.87 0.39 0.00	29.55 0.35 0.00	28.58 0.34 0.00	27.66 0.22 0.00	28.06 0.25 0.00	29.47 0.23 0.00	35.37 -0.14 0.00	40.22 0.04 0.00	39.27 -0.52 0.00	41.11 0.25 0.00	40.27 0.48 0.00	42.62 0.92 0.00	42.93 0.97 0.00	49.83 1.26 0.00	51.07 1.49 0.00	52.64 1.78 0.00	55.71 1.41 0.00	60.12 1.18 0.00	60.48 1.13 0.00	58.14 1.14 0.00	53.91 1.16 0.00	51.46 1.64 0.00	42.87 1.73 0.00	38.13 1.40 0.00
GOODYEAR_LAKE_HYD 323669	33.56 1.07 0.00	30.14 0.93 0.00	29.14 0.90 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.20 0.96 0.00	36.79 1.28 0.00	41.71 1.53 0.00	41.34 1.55 0.00	42.42 1.55 0.00	41.34 1.55 0.00	43.37 1.67 0.00	43.64 1.68 0.00	50.51 1.94 0.00	51.41 1.83 0.00	52.79 1.93 0.00	56.42 2.12 0.00	61.13 2.18 0.00	61.79 2.43 0.00	59.28 2.28 0.00	54.80 2.06 0.00	51.71 1.89 0.00	42.75 1.60 0.00	38.02 1.29 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.61 0.13 0.00	29.32 0.12 0.00	28.38 0.14 0.00	27.58 0.14 0.00	27.98 0.17 0.00	29.35 0.12 0.00	35.58 0.07 0.00	40.38 0.20 0.00	39.79 0.00 0.00	41.11 0.25 0.00	40.11 0.32 0.00	42.16 0.46 0.00	42.51 0.55 0.00	49.20 0.63 0.00	50.17 0.59 0.00	51.62 0.76 0.00	55.01 0.71 0.00	59.59 0.65 0.00	59.95 0.59 0.00	57.62 0.63 0.00	53.33 0.58 0.00	50.42 0.60 0.00	41.85 0.70 0.00	37.25 0.51 0.00

GOUDEY___7 23579	32.61 0.13 0.00	29.32 0.12 0.00	28.38 0.14 0.00	27.58 0.14 0.00	27.98 0.17 0.00	29.35 0.12 0.00	35.58 0.07 0.00	40.38 0.20 0.00	39.79 0.00 0.00	41.11 0.25 0.00	40.11 0.32 0.00	42.16 0.46 0.00	42.51 0.55 0.00	49.20 0.63 0.00	50.17 0.59 0.00	51.62 0.76 0.00	55.01 0.71 0.00	59.59 0.65 0.00	59.95 0.59 0.00	57.62 0.63 0.00	53.33 0.58 0.00	50.42 0.60 0.00	41.85 0.70 0.00	37.25 0.51 0.00
GOUDEY___8 23580	32.61 0.13 0.00	29.32 0.12 0.00	28.38 0.14 0.00	27.58 0.14 0.00	27.98 0.17 0.00	29.35 0.12 0.00	35.58 0.07 0.00	40.38 0.20 0.00	39.79 0.00 0.00	41.11 0.25 0.00	40.11 0.32 0.00	42.16 0.46 0.00	42.51 0.55 0.00	49.20 0.63 0.00	50.17 0.59 0.00	51.62 0.76 0.00	55.01 0.71 0.00	59.59 0.65 0.00	59.95 0.59 0.00	57.62 0.63 0.00	53.33 0.58 0.00	50.42 0.60 0.00	41.85 0.70 0.00	37.25 0.51 0.00
GOWANUS_GT1_1 24077	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT1_2 24078	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT1_3 24079	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT1_4 24080	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT1_5 24084	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT1_6 24111	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT1_7 24112	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT1_8 24113	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT2_1 24114	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT2_2 24115	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT2_3 24116	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT2_4 24117	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT2_5 24118	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39

GOWANUS_GT2_6 24119	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT2_7 24120	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT2_8 24121	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT3_1 24122	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT3_2 24123	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT3_3 24124	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT3_4 24125	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT3_5 24126	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT3_6 24127	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT3_7 24128	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT3_8 24129	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
GOWANUS_GT4_1 24130	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT4_2 24131	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT4_3 24132	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT4_4 24133	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39

GOWANUS_GT4_5 24134	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT4_6 24135	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT4_7 24136	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GOWANUS_GT4_8 24137	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GREATVRV_69_KV_BK1 356245	34.89 2.40 0.00	31.07 1.87 0.00	29.91 1.67 0.00	28.98 1.54 0.00	29.65 1.84 0.00	31.07 1.84 0.00	38.07 2.56 0.00	42.64 2.45 0.00	42.71 2.82 -0.10	43.68 2.45 -0.36	42.50 2.19 -0.51	44.06 1.38 -0.98	42.42 1.43 0.97	44.04 1.21 5.74	46.53 1.19 4.24	50.13 1.22 1.95	51.24 1.68 4.74	61.96 2.18 -0.83	61.78 1.90 -0.53	59.35 2.05 -0.30	54.91 2.16 0.00	51.66 1.84 0.00	42.16 0.86 -0.15	39.04 1.91 -0.39
GREENBSH_115KV_TB3 55895	32.52 0.03 0.00	29.32 0.12 0.00	28.38 0.14 0.00	27.55 0.11 0.00	27.95 0.14 0.00	29.35 0.12 0.00	35.54 0.04 0.00	40.02 -0.16 0.00	39.72 0.00 0.07	40.44 -0.16 0.26	39.15 -0.28 0.36	40.64 -0.38 0.69	41.01 -0.29 0.66	46.87 -0.49 1.21	47.82 -0.55 1.21	49.30 -0.61 0.95	53.03 -0.49 0.78	57.88 -0.47 0.59	58.55 -0.42 0.38	56.32 -0.46 0.22	52.27 -0.47 0.00	49.22 -0.60 0.00	40.62 -0.41 0.11	36.13 -0.33 0.28
GREENDGE_115KV_TB5 80291	32.65 0.16 0.00	29.35 0.15 0.00	28.41 0.17 0.00	27.61 0.16 0.00	28.01 0.19 0.00	29.44 0.20 0.00	35.65 0.14 0.00	40.67 0.48 0.00	39.87 0.08 0.00	41.31 0.45 0.00	40.35 0.56 0.00	42.54 0.83 0.00	42.93 0.97 0.00	49.44 0.87 0.00	50.52 0.94 0.00	52.08 1.22 0.00	55.33 1.03 0.00	59.89 0.94 0.00	60.30 0.95 0.00	58.02 1.03 0.00	53.70 0.95 0.00	50.81 1.00 0.00	42.54 1.40 0.00	37.76 1.03 0.00
GREENIDGE___3 23582	32.65 0.16 0.00	29.35 0.15 0.00	28.41 0.17 0.00	27.61 0.16 0.00	28.01 0.19 0.00	29.44 0.20 0.00	35.65 0.14 0.00	40.67 0.48 0.00	39.87 0.08 0.00	41.31 0.45 0.00	40.35 0.56 0.00	42.54 0.83 0.00	42.93 0.97 0.00	49.44 0.87 0.00	50.52 0.94 0.00	52.08 1.22 0.00	55.33 1.03 0.00	59.89 0.94 0.00	60.30 0.95 0.00	58.02 1.03 0.00	53.70 0.95 0.00	50.81 1.00 0.00	42.54 1.40 0.00	37.76 1.03 0.00
GREENIDGE___4 23583	32.68 0.20 0.00	29.35 0.15 0.00	28.41 0.17 0.00	27.61 0.17 0.00	28.01 0.20 0.00	29.46 0.23 0.00	35.69 0.18 0.00	40.67 0.48 0.00	39.87 0.08 0.00	41.39 0.53 0.00	40.39 0.60 0.00	42.54 0.83 0.00	42.89 0.92 0.00	49.39 0.82 0.00	50.52 0.94 0.00	51.97 1.12 0.00	55.33 1.03 0.00	59.88 0.94 0.00	60.30 0.95 0.00	58.02 1.03 0.00	53.70 0.95 0.00	51.01 1.19 0.00	42.50 1.36 0.00	37.80 1.07 0.00
GREENLWN_69_KV_BK 3 55738	33.98 1.49 0.00	30.28 1.08 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.81 1.00 0.00	30.26 1.02 0.00	37.11 1.60 0.00	41.67 1.49 0.00	41.71 1.83 -0.10	42.74 1.51 -0.36	41.34 1.03 -0.51	42.97 0.29 -0.98	41.40 0.42 0.99	42.81 0.05 5.81	45.24 -0.05 4.29	48.78 -0.10 1.98	49.78 0.27 4.79	60.19 0.41 -0.83	60.06 0.18 -0.53	57.41 0.11 -0.30	52.96 0.21 0.00	49.82 0.00 0.00	41.04 -0.25 -0.15	38.01 0.88 -0.39
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39
GRISSOM___SOLAR 323813	34.20 1.72 0.00	30.66 1.46 0.00	29.68 1.44 0.00	28.79 1.34 0.00	29.26 1.45 0.00	30.81 1.58 0.00	37.46 1.95 0.00	42.19 2.01 0.00	41.53 1.79 0.05	42.02 1.35 0.18	40.49 0.95 0.26	42.08 0.88 0.50	42.37 0.88 0.48	48.67 0.97 0.87	49.55 0.84 0.87	51.24 1.07 0.68	55.20 1.47 0.56	60.64 2.12 0.42	61.98 2.91 0.28	59.80 2.96 0.16	55.54 2.79 0.00	52.26 2.44 0.00	43.16 2.10 0.08	38.34 1.80 0.20
GROVEVILLE___HYD 323602	33.72 1.23 0.00	30.22 1.02 0.00	29.17 0.93 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.17 0.94 0.00	36.93 1.42 0.00	41.63 1.45 0.00	41.54 1.67 -0.08	42.71 1.55 -0.30	41.52 1.31 -0.42	43.84 1.33 -0.80	44.20 1.47 -0.77	51.43 1.46 -1.40	52.37 1.39 -1.41	53.38 1.42 -1.10	57.05 1.85 -0.91	61.81 2.18 -0.68	61.87 2.08 -0.44	59.13 1.88 -0.25	54.38 1.64 0.00	51.17 1.35 0.00	42.39 1.11 -0.13	38.05 0.99 -0.32
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.26 -0.23 0.00	29.00 -0.20 0.00	28.04 -0.20 0.00	27.25 -0.19 0.00	27.62 -0.19 0.00	29.00 -0.23 0.00	35.22 -0.28 0.00	39.98 -0.20 0.00	39.47 -0.32 0.00	40.70 -0.16 0.00	39.71 -0.08 0.00	41.71 0.00 0.00	42.01 0.04 0.00	48.67 0.10 0.00	49.68 0.10 0.00	50.96 0.10 0.00	54.25 -0.05 0.00	58.77 -0.18 0.00	59.11 -0.24 0.00	56.82 -0.17 0.00	52.59 -0.16 0.00	49.72 -0.10 0.00	41.19 0.04 0.00	36.66 -0.07 0.00
HAMLTNNY_34_KV_TB 80303	32.39 -0.10 0.00	29.11 -0.09 0.00	28.18 -0.06 0.00	27.36 -0.08 0.00	27.73 -0.08 0.00	29.12 -0.12 0.00	35.33 -0.18 0.00	40.10 -0.08 0.00	39.55 -0.24 0.00	40.86 0.00 0.00	39.87 0.08 0.00	41.96 0.25 0.00	42.26 0.29 0.00	48.96 0.39 0.00	49.97 0.40 0.00	51.31 0.46 0.00	54.57 0.27 0.00	59.12 0.18 0.00	59.47 0.12 0.00	57.22 0.23 0.00	52.90 0.16 0.00	50.07 0.25 0.00	41.47 0.33 0.00	36.92 0.18 0.00

HAMPSHIRE___PAPER_HYD 323593	33.49 1.01 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.26 0.82 0.00	28.62 0.81 0.00	30.11 0.88 0.00	36.68 1.17 0.00	41.71 1.53 0.00	41.14 1.35 0.00	42.09 1.22 0.00	40.99 1.19 0.00	42.96 1.25 0.00	43.10 1.13 0.00	50.08 1.51 0.00	51.02 1.44 0.00	52.44 1.58 0.00	55.82 1.52 0.00	60.24 1.30 0.00	61.13 1.78 0.00	58.93 1.94 0.00	54.70 1.95 0.00	52.06 2.24 0.00	43.04 1.89 0.00	38.39 1.65 0.00
HARDSCRABBLE_WT_PWR 323673	32.16 -0.32 0.00	28.88 -0.32 0.00	27.93 -0.31 0.00	27.14 -0.30 0.00	27.51 -0.31 0.00	28.94 -0.29 0.00	35.22 -0.29 0.00	39.94 -0.24 0.00	39.59 -0.20 0.00	40.66 -0.20 0.00	39.63 -0.16 0.00	41.62 -0.08 0.00	41.88 -0.08 0.00	48.52 -0.05 0.00	49.53 -0.05 0.00	50.86 0.00 0.00	54.35 0.05 0.00	59.00 0.06 0.00	59.59 0.24 0.00	57.17 0.17 0.00	52.91 0.16 0.00	49.87 0.05 0.00	41.15 0.00 0.00	36.74 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.59 1.10 0.00	30.11 0.91 0.00	29.03 0.79 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.05 0.82 0.00	36.75 1.24 0.00	41.47 1.29 0.00	41.37 1.51 -0.08	42.54 1.39 -0.29	41.39 1.19 -0.40	43.69 1.21 -0.78	44.05 1.34 -0.74	51.24 1.31 -1.36	52.13 1.19 -1.36	53.14 1.22 -1.06	56.86 1.68 -0.88	61.61 2.00 -0.66	61.62 1.84 -0.43	58.95 1.71 -0.25	54.22 1.48 0.00	51.02 1.20 0.00	42.26 0.99 -0.13	37.89 0.84 -0.31
HARSNRAD_115KV_TB1 81005	32.19 -0.29 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.03 -0.20 0.00	34.48 -1.03 0.00	39.14 -1.04 0.00	37.88 -1.91 0.00	40.13 -0.74 0.00	39.32 -0.48 0.00	41.79 0.08 0.00	42.13 0.17 0.00	48.91 0.34 0.00	50.12 0.55 0.00	51.98 1.12 0.00	54.79 0.49 0.00	58.89 -0.06 0.00	59.17 -0.18 0.00	56.77 -0.23 0.00	52.64 -0.11 0.00	50.47 0.65 0.00	42.42 1.28 0.00	37.91 1.18 0.00
HARZA MOOSE___RIVER 24016	33.17 0.68 0.00	29.84 0.64 0.00	28.78 0.54 0.00	27.99 0.55 0.00	28.37 0.56 0.00	29.76 0.53 0.00	36.25 0.75 0.00	41.19 1.00 0.00	40.66 0.88 0.00	41.60 0.74 0.00	40.55 0.76 0.00	42.58 0.88 0.00	42.76 0.80 0.00	49.73 1.17 0.00	50.72 1.14 0.00	52.18 1.32 0.00	55.87 1.57 0.00	60.48 1.53 0.00	61.37 2.02 0.00	59.05 2.05 0.00	54.75 2.00 0.00	51.81 1.99 0.00	42.75 1.60 0.00	38.10 1.36 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.06 -0.42 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	27.09 -0.36 0.00	27.45 -0.36 0.00	28.82 -0.41 0.00	34.98 -0.53 0.00	39.70 -0.48 0.00	39.23 -0.56 0.00	40.45 -0.41 0.00	39.47 -0.32 0.00	41.45 -0.25 0.00	41.80 -0.17 0.00	48.37 -0.19 0.00	49.38 -0.20 0.00	50.65 -0.20 0.00	53.92 -0.38 0.00	58.41 -0.53 0.00	58.76 -0.59 0.00	56.48 -0.51 0.00	52.22 -0.53 0.00	49.37 -0.45 0.00	40.94 -0.21 0.00	36.44 -0.29 0.00
HELLGATE_13_KV_LD 55870	33.95 1.46 0.00	30.40 1.20 0.00	29.26 1.02 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.25 1.74 0.00	42.11 1.93 0.00	42.27 2.39 -0.10	43.43 2.21 -0.36	42.49 2.19 -0.51	44.90 2.21 -0.98	45.34 2.43 -0.94	52.47 2.19 -1.72	53.48 2.18 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.73 2.95 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.79 1.48 -0.16	38.27 1.14 -0.39
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.95 1.46 0.00	30.40 1.20 0.00	29.26 1.02 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.25 1.74 0.00	42.11 1.93 0.00	42.27 2.39 -0.10	43.43 2.21 -0.36	42.49 2.19 -0.51	44.90 2.21 -0.98	45.34 2.43 -0.94	52.47 2.19 -1.72	53.48 2.18 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.73 2.95 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.79 1.48 -0.16	38.27 1.14 -0.39
HEMPSTEAD___ 23647	34.14 1.66 0.00	30.46 1.25 0.00	29.31 1.07 0.00	28.43 0.99 0.00	28.81 1.00 0.00	30.43 1.20 0.00	37.28 1.77 0.00	41.79 1.61 0.00	41.91 2.03 -0.10	42.90 1.68 -0.36	41.78 1.47 -0.51	43.81 1.13 -0.98	43.14 1.22 0.04	47.52 1.07 2.11	49.33 1.09 1.34	51.58 1.07 0.34	53.76 1.36 1.89	61.31 1.53 -0.83	61.19 1.30 -0.54	58.44 1.14 -0.31	53.80 1.05 0.00	50.52 0.70 0.00	41.75 0.45 -0.15	38.12 0.99 -0.39
HICKLING___1 23621	32.58 0.10 0.00	29.35 0.15 0.00	28.38 0.14 0.00	27.61 0.16 0.00	28.01 0.19 0.00	29.41 0.18 0.00	35.54 0.04 0.00	40.55 0.36 0.00	39.75 -0.04 0.00	41.31 0.45 0.00	40.39 0.60 0.00	42.58 0.88 0.00	43.01 1.05 0.00	49.78 1.21 0.00	50.82 1.24 0.00	52.43 1.58 0.00	55.71 1.41 0.00	60.18 1.24 0.00	60.48 1.13 0.00	58.25 1.25 0.00	53.91 1.16 0.00	51.06 1.25 0.00	42.54 1.40 0.00	37.80 1.07 0.00
HICKLING___2 23622	32.58 0.10 0.00	29.35 0.15 0.00	28.38 0.14 0.00	27.61 0.16 0.00	28.01 0.19 0.00	29.41 0.18 0.00	35.54 0.04 0.00	40.55 0.36 0.00	39.75 -0.04 0.00	41.31 0.45 0.00	40.39 0.60 0.00	42.58 0.88 0.00	43.01 1.05 0.00	49.78 1.21 0.00	50.82 1.24 0.00	52.43 1.58 0.00	55.71 1.41 0.00	60.18 1.24 0.00	60.48 1.13 0.00	58.25 1.25 0.00	53.91 1.16 0.00	51.06 1.25 0.00	42.54 1.40 0.00	37.80 1.07 0.00
HIGH FALLS___HY 23754	33.65 1.17 0.00	30.14 0.93 0.00	29.09 0.85 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.08 0.85 0.00	36.82 1.31 0.00	41.59 1.41 0.00	41.39 1.55 -0.05	42.44 1.39 -0.18	41.25 1.19 -0.26	43.41 1.21 -0.49	43.78 1.34 -0.47	50.84 1.41 -0.87	51.73 1.29 -0.87	52.86 1.32 -0.68	56.71 1.85 -0.56	61.55 2.18 -0.42	61.76 2.14 -0.27	59.09 1.94 -0.16	54.43 1.69 0.00	51.21 1.39 0.00	42.38 1.15 -0.08	37.93 0.99 -0.20
HIGH_RIVER___SOLAR 323847	33.52 1.04 0.00	30.11 0.91 0.00	29.12 0.88 0.00	28.26 0.82 0.00	28.70 0.89 0.00	30.17 0.94 0.00	36.64 1.14 0.00	41.35 1.17 0.00	40.81 1.07 0.05	41.52 0.86 0.20	40.15 0.63 0.28	41.79 0.63 0.54	42.08 0.63 0.52	48.30 0.68 0.95	49.27 0.64 0.95	50.83 0.71 0.74	54.61 0.92 0.61	59.78 1.30 0.46	60.71 1.66 0.30	58.48 1.65 0.17	54.33 1.58 0.00	51.11 1.29 0.00	42.21 1.15 0.09	37.51 0.99 0.22
HILLBURN___GT 23639	33.59 1.11 0.00	30.11 0.91 0.00	29.03 0.79 0.00	28.18 0.74 0.00	28.56 0.75 0.00	30.05 0.82 0.00	36.79 1.28 0.00	41.55 1.37 0.00	41.46 1.59 -0.08	42.59 1.43 -0.30	41.53 1.31 -0.43	43.81 1.29 -0.81	44.13 1.38 -0.78	51.30 1.31 -1.42	52.29 1.29 -1.43	53.29 1.32 -1.12	56.96 1.74 -0.92	61.58 1.94 -0.69	61.58 1.78 -0.45	58.85 1.59 -0.26	54.12 1.37 0.00	50.87 1.05 0.00	42.23 0.95 -0.13	37.87 0.81 -0.33
HILLSIDE_115KV_TB1 80332	32.35 -0.13 0.00	29.11 -0.09 0.00	28.16 -0.08 0.00	27.39 -0.05 0.00	27.79 -0.03 0.00	29.14 -0.09 0.00	35.26 -0.25 0.00	40.14 -0.04 0.00	39.35 -0.44 0.00	40.86 0.00 0.00	39.91 0.12 0.00	42.04 0.33 0.00	42.47 0.50 0.00	49.15 0.58 0.00	50.17 0.59 0.00	51.67 0.81 0.00	55.01 0.71 0.00	59.47 0.53 0.00	59.77 0.42 0.00	57.57 0.57 0.00	53.27 0.53 0.00	50.42 0.60 0.00	42.01 0.86 0.00	37.32 0.59 0.00

HISHELDN_WT_PWR 323625	32.00 -0.49 0.00	28.88 -0.32 0.00	27.93 -0.31 0.00	27.19 -0.25 0.00	27.62 -0.19 0.00	28.94 -0.29 0.00	34.66 -0.85 0.00	39.38 -0.80 0.00	38.36 -1.43 0.00	40.53 -0.33 0.00	39.67 -0.12 0.00	41.96 0.25 0.00	42.30 0.33 0.00	49.10 0.54 0.00	50.37 0.79 0.00	51.93 1.07 0.00	55.06 0.76 0.00	59.24 0.30 0.00	59.53 0.18 0.00	57.22 0.23 0.00	52.96 0.21 0.00	50.91 1.09 0.00	42.42 1.28 0.00	37.88 1.14 0.00
HOLTSVILLE_IC_1 23690	34.37 1.88 0.00	30.63 1.43 0.00	29.51 1.27 0.00	28.59 1.15 0.00	28.95 1.14 0.00	30.64 1.40 0.00	37.53 2.02 0.00	41.87 1.69 0.00	42.07 2.19 -0.10	42.90 1.68 -0.36	41.62 1.31 -0.51	43.31 0.63 -0.98	41.51 0.59 1.04	42.86 0.29 6.00	45.43 0.30 4.45	49.05 0.26 2.06	49.96 0.60 4.94	60.72 0.94 -0.83	60.54 0.65 -0.53	58.16 0.86 -0.30	53.75 1.00 0.00	50.22 0.40 0.00	41.17 -0.12 -0.14	38.19 1.07 -0.39
HOLTSVILLE_IC_10 23699	34.50 2.01 0.00	30.75 1.55 0.00	29.60 1.36 0.00	28.68 1.24 0.00	29.07 1.25 0.00	30.72 1.49 0.00	37.68 2.17 0.00	42.07 1.89 0.00	42.27 2.39 -0.10	43.11 1.88 -0.36	41.86 1.55 -0.51	43.56 0.88 -0.98	41.82 0.88 1.02	43.26 0.63 5.94	45.82 0.64 4.40	49.44 0.61 2.03	50.39 0.98 4.89	61.13 1.36 -0.83	60.95 1.07 -0.53	58.55 1.25 -0.30	54.17 1.42 0.00	50.62 0.79 0.00	41.41 0.12 -0.15	38.41 1.29 -0.39
HOLTSVILLE_IC_2 23691	34.37 1.88 0.00	30.63 1.43 0.00	29.51 1.27 0.00	28.59 1.15 0.00	28.95 1.14 0.00	30.64 1.40 0.00	37.53 2.02 0.00	41.87 1.69 0.00	42.07 2.19 -0.10	42.90 1.68 -0.36	41.62 1.31 -0.51	43.31 0.63 -0.98	41.51 0.59 1.04	42.86 0.29 6.00	45.43 0.30 4.45	49.05 0.26 2.06	49.96 0.60 4.94	60.72 0.94 -0.83	60.54 0.65 -0.53	58.16 0.86 -0.30	53.75 1.00 0.00	50.22 0.40 0.00	41.17 -0.12 -0.14	38.19 1.07 -0.39
HOLTSVILLE_IC_3 23692	34.37 1.88 0.00	30.63 1.43 0.00	29.51 1.27 0.00	28.59 1.15 0.00	28.95 1.14 0.00	30.64 1.40 0.00	37.53 2.02 0.00	41.87 1.69 0.00	42.07 2.19 -0.10	42.90 1.68 -0.36	41.62 1.31 -0.51	43.31 0.63 -0.98	41.51 0.59 1.04	42.86 0.29 6.00	45.43 0.30 4.45	49.05 0.26 2.06	49.96 0.60 4.94	60.72 0.94 -0.83	60.54 0.65 -0.53	58.16 0.86 -0.30	53.75 1.00 0.00	50.22 0.40 0.00	41.17 -0.12 -0.14	38.19 1.07 -0.39
HOLTSVILLE_IC_4 23693	34.37 1.88 0.00	30.63 1.43 0.00	29.51 1.27 0.00	28.59 1.15 0.00	28.95 1.14 0.00	30.64 1.40 0.00	37.53 2.02 0.00	41.87 1.69 0.00	42.07 2.19 -0.10	42.90 1.68 -0.36	41.62 1.31 -0.51	43.31 0.63 -0.98	41.51 0.59 1.04	42.86 0.29 6.00	45.43 0.30 4.45	49.05 0.26 2.06	49.96 0.60 4.94	60.72 0.94 -0.83	60.54 0.65 -0.53	58.16 0.86 -0.30	53.75 1.00 0.00	50.22 0.40 0.00	41.17 -0.12 -0.14	38.19 1.07 -0.39
HOLTSVILLE_IC_5 23694	34.37 1.88 0.00	30.63 1.43 0.00	29.51 1.27 0.00	28.59 1.15 0.00	28.95 1.14 0.00	30.64 1.40 0.00	37.53 2.02 0.00	41.87 1.69 0.00	42.07 2.19 -0.10	42.90 1.68 -0.36	41.62 1.31 -0.51	43.31 0.63 -0.98	41.51 0.59 1.04	42.86 0.29 6.00	45.43 0.30 4.45	49.05 0.26 2.06	49.96 0.60 4.94	60.72 0.94 -0.83	60.54 0.65 -0.53	58.16 0.86 -0.30	53.75 1.00 0.00	50.22 0.40 0.00	41.17 -0.12 -0.14	38.19 1.07 -0.39
HOLTSVILLE_IC_6 23695	34.50 2.01 0.00	30.75 1.55 0.00	29.60 1.36 0.00	28.68 1.24 0.00	29.07 1.25 0.00	30.72 1.49 0.00	37.68 2.17 0.00	42.07 1.89 0.00	42.27 2.39 -0.10	43.11 1.88 -0.36	41.86 1.55 -0.51	43.56 0.88 -0.98	41.82 0.88 1.02	43.26 0.63 5.94	45.82 0.64 4.40	49.44 0.61 2.03	50.39 0.98 4.89	61.13 1.36 -0.83	60.95 1.07 -0.53	58.55 1.25 -0.30	54.17 1.42 0.00	50.62 0.79 0.00	41.41 0.12 -0.15	38.41 1.29 -0.39
HOLTSVILLE_IC_7 23696	34.50 2.01 0.00	30.75 1.55 0.00	29.60 1.36 0.00	28.68 1.24 0.00	29.07 1.25 0.00	30.72 1.49 0.00	37.68 2.17 0.00	42.07 1.89 0.00	42.27 2.39 -0.10	43.11 1.88 -0.36	41.86 1.55 -0.51	43.56 0.88 -0.98	41.82 0.88 1.02	43.26 0.63 5.94	45.82 0.64 4.40	49.44 0.61 2.03	50.39 0.98 4.89	61.13 1.36 -0.83	60.95 1.07 -0.53	58.55 1.25 -0.30	54.17 1.42 0.00	50.62 0.79 0.00	41.41 0.12 -0.15	38.41 1.29 -0.39
HOLTSVILLE_IC_8 23697	34.50 2.01 0.00	30.75 1.55 0.00	29.60 1.36 0.00	28.68 1.24 0.00	29.07 1.25 0.00	30.72 1.49 0.00	37.68 2.17 0.00	42.07 1.89 0.00	42.27 2.39 -0.10	43.11 1.88 -0.36	41.86 1.55 -0.51	43.56 0.88 -0.98	41.82 0.88 1.02	43.26 0.63 5.94	45.82 0.64 4.40	49.44 0.61 2.03	50.39 0.98 4.89	61.13 1.36 -0.83	60.95 1.07 -0.53	58.55 1.25 -0.30	54.17 1.42 0.00	50.62 0.79 0.00	41.41 0.12 -0.15	38.41 1.29 -0.39
HOLTSVILLE_IC_9 23698	34.50 2.01 0.00	30.75 1.55 0.00	29.60 1.36 0.00	28.68 1.24 0.00	29.07 1.25 0.00	30.72 1.49 0.00	37.68 2.17 0.00	42.07 1.89 0.00	42.27 2.39 -0.10	43.11 1.88 -0.36	41.86 1.55 -0.51	43.56 0.88 -0.98	41.82 0.88 1.02	43.26 0.63 5.94	45.82 0.64 4.40	49.44 0.61 2.03	50.39 0.98 4.89	61.13 1.36 -0.83	60.95 1.07 -0.53	58.55 1.25 -0.30	54.17 1.42 0.00	50.62 0.79 0.00	41.41 0.12 -0.15	38.41 1.29 -0.39
HOMER_HL_115KV_TB2 355744	31.80 -0.68 0.00	28.74 -0.47 0.00	27.79 -0.45 0.00	27.06 -0.38 0.00	27.45 -0.36 0.00	28.74 -0.50 0.00	34.48 -1.03 0.00	39.34 -0.84 0.00	38.28 -1.51 0.00	40.29 -0.57 0.00	39.47 -0.32 0.00	41.79 0.08 0.00	42.22 0.25 0.00	49.05 0.49 0.00	50.02 0.45 0.00	51.87 1.02 0.00	55.01 0.71 0.00	59.06 0.12 0.00	59.35 0.00 0.00	57.11 0.11 0.00	52.85 0.11 0.00	50.27 0.45 0.00	42.13 0.99 0.00	37.43 0.70 0.00
HOWARD_WT_PWR 323690	32.03 -0.45 0.00	28.85 -0.35 0.00	27.93 -0.31 0.00	27.22 -0.22 0.00	27.68 -0.14 0.00	29.14 -0.09 0.00	35.22 -0.29 0.00	40.22 0.04 0.00	39.39 -0.40 0.00	41.27 0.41 0.00	40.35 0.56 0.00	42.54 0.83 0.00	42.97 1.01 0.00	49.78 1.21 0.00	51.02 1.44 0.00	52.59 1.73 0.00	55.93 1.63 0.00	60.36 1.41 0.00	60.72 1.37 0.00	58.47 1.48 0.00	54.17 1.42 0.00	51.66 1.84 0.00	43.04 1.89 0.00	38.31 1.58 0.00
HQ_GEN_CEDARS 23644	33.46 0.97 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.27 0.82 0.00	28.62 0.81 0.00	30.14 0.91 0.00	36.65 1.14 0.00	41.63 1.45 0.00	41.18 1.39 0.00	42.21 1.35 0.00	41.15 1.35 0.00	43.04 1.33 0.00	43.14 1.18 0.00	50.07 1.51 0.00	51.11 1.54 0.00	52.43 1.58 0.00	55.71 1.41 0.00	60.30 1.36 0.00	60.84 1.48 0.00	58.53 1.54 0.00	54.22 1.48 0.00	51.36 1.54 0.00	42.38 1.23 0.00	37.98 1.25 0.00
HQ_GEN_CEDARS_PROXY 323590	33.46 0.97 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.26 0.82 0.00	28.62 0.81 0.00	30.14 0.91 0.00	36.64 1.14 0.00	41.63 1.44 0.00	41.18 1.39 0.00	42.21 1.35 0.00	41.15 1.35 0.00	43.04 1.33 0.00	43.22 1.26 0.00	50.12 1.55 0.00	51.12 1.54 0.00	52.44 1.58 0.00	55.71 1.41 0.00	60.30 1.36 0.00	60.84 1.48 0.00	58.53 1.54 0.00	54.22 1.47 0.00	51.41 1.59 0.00	42.46 1.32 0.00	37.99 1.25 0.00

HQ_GEN_IMPORT 323601	32.78 0.29 0.00	29.46 0.26 0.00	28.47 0.22 0.00	27.66 0.22 0.00	28.04 0.22 0.00	29.49 0.26 0.00	35.83 0.32 0.00	40.59 0.40 0.00	40.18 0.40 0.00	41.23 0.37 0.00	40.19 0.40 0.00	42.08 0.37 0.00	42.30 0.33 0.00	49.00 0.44 0.00	50.07 0.50 0.00	51.31 0.46 0.00	54.73 0.43 0.00	59.41 0.47 0.00	59.82 0.47 0.00	57.45 0.45 0.00	53.22 0.47 0.00	50.32 0.50 0.00	41.47 0.33 0.00	37.07 0.33 0.00
HQ_GEN_WHEEL 23651	32.78 0.29 0.00	29.46 0.26 0.00	28.47 0.22 0.00	27.66 0.22 0.00	28.04 0.22 0.00	29.49 0.26 0.00	35.83 0.32 0.00	40.59 0.40 0.00	40.18 0.40 0.00	41.23 0.37 0.00	40.19 0.40 0.00	42.08 0.37 0.00	42.30 0.33 0.00	49.00 0.44 0.00	50.07 0.50 0.00	51.31 0.46 0.00	54.73 0.43 0.00	59.41 0.47 0.00	59.82 0.47 0.00	57.45 0.45 0.00	53.22 0.47 0.00	50.32 0.50 0.00	41.47 0.33 0.00	37.07 0.33 0.00
HUDSON AVE_GT_3 23810	33.88 1.40 0.00	30.34 1.14 0.00	29.23 0.99 0.00	28.38 0.93 0.00	28.79 0.97 0.00	30.31 1.08 0.00	37.25 1.74 0.00	42.07 1.89 0.00	42.11 2.23 -0.10	43.35 2.12 -0.36	42.30 1.99 -0.51	44.65 1.96 -0.98	45.01 2.10 -0.94	52.23 1.94 -1.72	53.23 1.93 -1.72	54.14 1.93 -1.35	57.91 2.50 -1.11	62.55 2.77 -0.84	62.33 2.43 -0.54	59.47 2.17 -0.31	54.59 1.85 0.00	51.47 1.64 0.00	42.70 1.40 -0.16	38.30 1.18 -0.39
HUDSON AVE_GT_4 23540	33.88 1.40 0.00	30.34 1.14 0.00	29.23 0.99 0.00	28.38 0.93 0.00	28.79 0.97 0.00	30.31 1.08 0.00	37.25 1.74 0.00	42.07 1.89 0.00	42.11 2.23 -0.10	43.35 2.12 -0.36	42.30 1.99 -0.51	44.65 1.96 -0.98	45.01 2.10 -0.94	52.23 1.94 -1.72	53.23 1.93 -1.72	54.14 1.93 -1.35	57.91 2.50 -1.11	62.55 2.77 -0.84	62.33 2.43 -0.54	59.47 2.17 -0.31	54.59 1.85 0.00	51.47 1.64 0.00	42.70 1.40 -0.16	38.30 1.18 -0.39
HUDSON AVE_GT_5 23657	33.88 1.40 0.00	30.34 1.14 0.00	29.23 0.99 0.00	28.38 0.93 0.00	28.79 0.97 0.00	30.31 1.08 0.00	37.25 1.74 0.00	42.07 1.89 0.00	42.11 2.23 -0.10	43.35 2.12 -0.36	42.30 1.99 -0.51	44.65 1.96 -0.98	45.01 2.10 -0.94	52.23 1.94 -1.72	53.23 1.93 -1.72	54.14 1.93 -1.35	57.91 2.50 -1.11	62.55 2.77 -0.84	62.33 2.43 -0.54	59.47 2.17 -0.31	54.59 1.85 0.00	51.47 1.64 0.00	42.70 1.40 -0.16	38.30 1.18 -0.39
HUDSON_AVE_10 24168	33.82 1.33 0.00	30.28 1.08 0.00	29.17 0.93 0.00	28.29 0.85 0.00	28.70 0.89 0.00	30.23 0.99 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.92 2.01 -0.94	52.08 1.80 -1.72	53.04 1.74 -1.72	53.93 1.73 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.30 1.99 -0.31	54.38 1.64 0.00	51.32 1.49 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
HUDSON___115KV_TB 4 355613	33.10 0.62 0.00	29.79 0.58 0.00	28.86 0.62 0.00	27.99 0.55 0.00	28.40 0.58 0.00	29.85 0.61 0.00	36.15 0.64 0.00	40.67 0.48 0.00	40.42 0.68 0.04	41.11 0.41 0.17	39.72 0.16 0.23	41.34 0.08 0.45	41.75 0.21 0.43	47.98 0.19 0.78	48.94 0.15 0.78	50.40 0.15 0.61	54.12 0.33 0.50	59.21 0.65 0.38	60.05 0.95 0.25	57.77 0.91 0.14	53.38 0.63 0.00	50.17 0.35 0.00	41.61 0.53 0.07	37.07 0.51 0.18
HUNTER MOUNT___DRP 323613	33.17 0.68 0.00	29.84 0.64 0.00	28.89 0.65 0.00	28.05 0.60 0.00	28.45 0.64 0.00	29.88 0.64 0.00	36.18 0.67 0.00	40.67 0.48 0.00	40.60 0.84 0.03	41.30 0.53 0.10	39.89 0.24 0.14	41.65 0.21 0.27	42.00 0.29 0.26	48.44 0.34 0.47	49.41 0.30 0.47	50.80 0.31 0.37	54.54 0.54 0.30	59.66 0.94 0.23	60.51 1.31 0.15	58.16 1.25 0.08	53.43 0.69 0.00	50.22 0.40 0.00	41.84 0.74 0.04	37.33 0.70 0.11
HUNTINGTON_RES_REC 323705	34.20 1.72 0.00	30.49 1.28 0.00	29.34 1.10 0.00	28.43 0.99 0.00	28.79 0.97 0.00	30.46 1.23 0.00	37.35 1.85 0.00	41.75 1.57 0.00	41.95 2.07 -0.10	42.82 1.59 -0.36	41.46 1.15 -0.51	43.22 0.54 -0.98	41.54 0.59 1.02	43.00 0.34 5.91	45.55 0.35 4.38	49.14 0.31 2.02	50.13 0.70 4.87	60.66 0.89 -0.83	60.54 0.65 -0.53	57.99 0.69 -0.30	53.48 0.74 0.00	50.02 0.20 0.00	41.13 -0.16 -0.15	38.12 0.99 -0.39
HUNTLEY___63 23557	32.32 -0.16 0.00	29.23 0.03 0.00	28.30 0.06 0.00	27.41 -0.03 0.00	27.79 -0.03 0.00	29.00 -0.23 0.00	34.55 -0.96 0.00	39.30 -0.88 0.00	38.08 -1.71 0.00	40.37 -0.49 0.00	39.59 -0.20 0.00	42.08 0.38 0.00	42.47 0.50 0.00	49.30 0.73 0.00	50.52 0.94 0.00	52.38 1.53 0.00	55.17 0.87 0.00	59.30 0.35 0.00	59.59 0.24 0.00	57.11 0.11 0.00	52.90 0.16 0.00	50.66 0.85 0.00	42.59 1.44 0.00	37.98 1.25 0.00
HUNTLEY___64 23558	32.32 -0.16 0.00	29.23 0.03 0.00	28.30 0.06 0.00	27.41 -0.03 0.00	27.79 -0.03 0.00	29.00 -0.23 0.00	34.55 -0.96 0.00	39.30 -0.88 0.00	38.08 -1.71 0.00	40.37 -0.49 0.00	39.59 -0.20 0.00	42.08 0.38 0.00	42.47 0.50 0.00	49.30 0.73 0.00	50.52 0.94 0.00	52.38 1.53 0.00	55.17 0.87 0.00	59.30 0.35 0.00	59.59 0.24 0.00	57.11 0.11 0.00	52.90 0.16 0.00	50.66 0.85 0.00	42.59 1.44 0.00	37.98 1.25 0.00
HUNTLEY___65 23559	32.32 -0.16 0.00	29.23 0.03 0.00	28.30 0.06 0.00	27.41 -0.03 0.00	27.79 -0.03 0.00	29.00 -0.23 0.00	34.55 -0.96 0.00	39.30 -0.88 0.00	38.08 -1.71 0.00	40.37 -0.49 0.00	39.59 -0.20 0.00	42.08 0.38 0.00	42.47 0.50 0.00	49.30 0.73 0.00	50.52 0.94 0.00	52.38 1.53 0.00	55.17 0.87 0.00	59.30 0.35 0.00	59.59 0.24 0.00	57.11 0.11 0.00	52.90 0.16 0.00	50.66 0.85 0.00	42.59 1.44 0.00	37.98 1.25 0.00
HUNTLEY___66 23560	32.32 -0.16 0.00	29.23 0.03 0.00	28.30 0.06 0.00	27.41 -0.03 0.00	27.79 -0.03 0.00	29.00 -0.23 0.00	34.55 -0.96 0.00	39.30 -0.88 0.00	38.08 -1.71 0.00	40.37 -0.49 0.00	39.59 -0.20 0.00	42.08 0.38 0.00	42.47 0.50 0.00	49.30 0.73 0.00	50.52 0.94 0.00	52.38 1.53 0.00	55.17 0.87 0.00	59.30 0.35 0.00	59.59 0.24 0.00	57.11 0.11 0.00	52.90 0.16 0.00	50.66 0.85 0.00	42.59 1.44 0.00	37.98 1.25 0.00
HUNTLEY___67 23561	32.13 -0.36 0.00	29.03 -0.18 0.00	28.10 -0.14 0.00	27.28 -0.16 0.00	27.65 -0.17 0.00	28.88 -0.35 0.00	34.44 -1.07 0.00	39.14 -1.04 0.00	37.88 -1.91 0.00	40.09 -0.78 0.00	39.32 -0.48 0.00	41.75 0.04 0.00	42.13 0.17 0.00	48.86 0.29 0.00	50.07 0.50 0.00	51.87 1.02 0.00	54.73 0.43 0.00	58.83 -0.12 0.00	59.11 -0.24 0.00	56.71 -0.28 0.00	52.59 -0.16 0.00	50.32 0.50 0.00	42.30 1.15 0.00	37.69 0.96 0.00
HUNTLEY___68 23562	32.13 -0.36 0.00	29.03 -0.18 0.00	28.10 -0.14 0.00	27.28 -0.16 0.00	27.65 -0.17 0.00	28.88 -0.35 0.00	34.44 -1.07 0.00	39.14 -1.04 0.00	37.88 -1.91 0.00	40.09 -0.78 0.00	39.32 -0.48 0.00	41.75 0.04 0.00	42.13 0.17 0.00	48.86 0.29 0.00	50.07 0.50 0.00	51.87 1.02 0.00	54.73 0.43 0.00	58.83 -0.12 0.00	59.11 -0.24 0.00	56.71 -0.28 0.00	52.59 -0.16 0.00	50.32 0.50 0.00	42.30 1.15 0.00	37.69 0.96 0.00

HYLAND___LFGE 323620	33.88 1.40 0.00	30.37 1.17 0.00	29.43 1.19 0.00	28.51 1.07 0.00	29.01 1.20 0.00	30.58 1.35 0.00	36.75 1.24 0.00	41.47 1.29 0.00	39.99 0.20 0.00	41.39 0.53 0.00	40.19 0.40 0.00	42.58 0.88 0.00	43.02 1.05 0.00	48.37 -0.19 0.00	49.58 0.00 0.00	51.16 0.31 0.00	54.57 0.27 0.00	59.53 0.59 0.00	60.54 1.19 0.00	58.93 1.94 0.00	54.96 2.21 0.00	52.71 2.89 0.00	44.81 3.66 0.00	39.71 2.97 0.00
INDECK___CORINTH 23802	33.30 0.81 0.00	29.82 0.61 0.00	28.86 0.62 0.00	27.99 0.55 0.00	28.42 0.61 0.00	29.93 0.70 0.00	36.36 0.85 0.00	40.91 0.72 0.00	40.59 0.87 0.07	41.20 0.61 0.27	39.41 0.00 0.38	40.84 -0.12 0.74	41.18 -0.08 0.71	47.13 -0.15 1.29	47.94 -0.34 1.29	49.64 -0.20 1.01	53.25 -0.22 0.83	58.26 -0.06 0.63	59.84 0.89 0.41	57.56 0.80 0.23	53.64 0.90 0.00	50.31 0.50 0.00	41.56 0.53 0.12	37.03 0.59 0.29
INDECK___ILION 23567	32.35 -0.13 0.00	29.09 -0.12 0.00	28.10 -0.14 0.00	27.30 -0.14 0.00	27.67 -0.14 0.00	29.12 -0.12 0.00	35.40 -0.11 0.00	40.10 -0.08 0.00	39.71 -0.08 0.00	40.78 -0.08 0.00	39.71 -0.08 0.00	41.66 -0.04 0.00	41.97 0.00 0.00	48.57 0.00 0.00	49.58 0.00 0.00	50.91 0.05 0.00	54.41 0.11 0.00	59.00 0.06 0.00	59.53 0.18 0.00	57.11 0.11 0.00	52.85 0.11 0.00	49.87 0.05 0.00	41.19 0.04 0.00	36.74 0.00 0.00
INDECK___OLEAN 23982	31.90 -0.58 0.00	28.73 -0.47 0.00	27.79 -0.45 0.00	27.06 -0.38 0.00	27.42 -0.39 0.00	28.79 -0.44 0.00	34.55 -0.96 0.00	39.34 -0.85 0.00	38.28 -1.51 0.00	40.37 -0.49 0.00	39.52 -0.28 0.00	41.79 0.08 0.00	42.13 0.17 0.00	49.00 0.44 0.00	50.12 0.55 0.00	51.67 0.81 0.00	55.00 0.70 0.00	59.06 0.12 0.00	59.35 0.00 0.00	57.11 0.11 0.00	52.85 0.11 0.00	50.57 0.75 0.00	42.13 0.99 0.00	37.51 0.77 0.00
INDECK___OSWEGO 23783	31.74 -0.75 0.00	28.53 -0.67 0.00	27.59 -0.65 0.00	26.81 -0.63 0.00	27.20 -0.61 0.00	28.53 -0.70 0.00	34.66 -0.85 0.00	39.26 -0.92 0.00	38.79 -0.99 0.00	39.92 -0.94 0.00	38.92 -0.88 0.00	40.87 -0.83 0.00	41.13 -0.84 0.00	47.60 -0.97 0.00	48.19 -1.39 0.00	49.43 -1.42 0.00	52.62 -1.68 0.00	57.12 -1.83 0.00	57.57 -1.78 0.00	55.34 -1.65 0.00	51.22 -1.53 0.00	48.52 -1.30 0.00	40.45 -0.70 0.00	36.08 -0.66 0.00
INDECK___YERKES 23781	32.32 -0.16 0.00	29.23 0.03 0.00	28.33 0.08 0.00	27.50 0.05 0.00	27.87 0.06 0.00	29.12 -0.12 0.00	34.62 -0.89 0.00	39.34 -0.85 0.00	38.15 -1.63 0.00	40.53 -0.33 0.00	39.71 -0.08 0.00	42.16 0.46 0.00	42.43 0.46 0.00	49.30 0.73 0.00	50.67 1.09 0.00	52.23 1.37 0.00	55.22 0.92 0.00	59.36 0.42 0.00	59.65 0.30 0.00	57.22 0.23 0.00	52.96 0.21 0.00	51.11 1.29 0.00	42.62 1.48 0.00	38.17 1.43 0.00
INDIAN POINT_GT_1 24139	33.59 1.10 0.00	30.11 0.91 0.00	29.03 0.79 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.08 0.85 0.00	36.82 1.31 0.00	41.55 1.37 0.00	41.51 1.63 -0.09	42.72 1.51 -0.35	41.68 1.39 -0.49	43.98 1.33 -0.94	44.34 1.47 -0.90	51.57 1.36 -1.65	52.52 1.29 -1.65	53.42 1.27 -1.29	57.10 1.74 -1.07	61.69 1.95 -0.80	61.59 1.72 -0.52	58.89 1.60 -0.30	54.12 1.37 0.00	51.02 1.20 0.00	42.29 0.99 -0.15	37.92 0.81 -0.38
INDIAN POINT_GT_2 23659	33.59 1.10 0.00	30.11 0.91 0.00	29.03 0.79 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.08 0.85 0.00	36.82 1.31 0.00	41.55 1.37 0.00	41.51 1.63 -0.09	42.72 1.51 -0.35	41.68 1.39 -0.49	43.98 1.33 -0.94	44.34 1.47 -0.90	51.57 1.36 -1.65	52.52 1.29 -1.65	53.42 1.27 -1.29	57.10 1.74 -1.07	61.69 1.95 -0.80	61.59 1.72 -0.52	58.89 1.60 -0.30	54.12 1.37 0.00	51.02 1.20 0.00	42.29 0.99 -0.15	37.92 0.81 -0.38
INDIAN POINT_GT_3 24019	33.59 1.10 0.00	30.11 0.91 0.00	29.03 0.79 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.08 0.85 0.00	36.82 1.31 0.00	41.55 1.37 0.00	41.51 1.63 -0.09	42.72 1.51 -0.35	41.68 1.39 -0.49	43.98 1.33 -0.94	44.34 1.47 -0.90	51.57 1.36 -1.65	52.52 1.29 -1.65	53.42 1.27 -1.29	57.10 1.74 -1.07	61.69 1.95 -0.80	61.59 1.72 -0.52	58.89 1.60 -0.30	54.12 1.37 0.00	51.02 1.20 0.00	42.29 0.99 -0.15	37.92 0.81 -0.38
INDIAN POINT___2 23530	33.55 1.07 0.00	30.08 0.88 0.00	29.03 0.79 0.00	28.18 0.74 0.00	28.56 0.75 0.00	30.02 0.79 0.00	36.79 1.28 0.00	41.51 1.32 0.00	41.47 1.59 -0.09	42.62 1.43 -0.33	41.57 1.31 -0.47	43.89 1.29 -0.89	44.20 1.38 -0.86	51.44 1.31 -1.56	52.43 1.29 -1.57	53.35 1.27 -1.23	57.00 1.69 -1.01	61.59 1.89 -0.76	61.51 1.66 -0.49	58.76 1.48 -0.28	54.01 1.26 0.00	50.82 1.00 0.00	42.16 0.87 -0.15	37.87 0.77 -0.36
INDIAN POINT___3 23531	33.56 1.07 0.00	30.08 0.88 0.00	29.03 0.79 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.05 0.82 0.00	36.79 1.28 0.00	41.51 1.33 0.00	41.47 1.59 -0.09	42.68 1.47 -0.35	41.64 1.35 -0.49	43.94 1.29 -0.94	44.30 1.43 -0.90	51.53 1.31 -1.65	52.47 1.24 -1.65	53.37 1.22 -1.29	57.05 1.68 -1.07	61.63 1.89 -0.80	61.53 1.66 -0.52	58.83 1.54 -0.30	54.07 1.32 0.00	50.97 1.15 0.00	42.25 0.95 -0.15	37.92 0.81 -0.38
INGHAM_C_115KV_TB7 356103	32.16 -0.32 0.00	28.88 -0.32 0.00	27.90 -0.34 0.00	27.11 -0.33 0.00	27.48 -0.33 0.00	28.91 -0.32 0.00	35.22 -0.28 0.00	39.90 -0.28 0.00	39.55 -0.24 0.00	40.62 -0.25 0.00	39.59 -0.20 0.00	41.54 -0.17 0.00	41.84 -0.13 0.00	48.47 -0.10 0.00	49.48 -0.10 0.00	50.76 -0.10 0.00	54.30 0.00 0.00	58.94 0.00 0.00	59.47 0.12 0.00	57.11 0.11 0.00	52.85 0.11 0.00	49.82 0.00 0.00	41.15 0.00 0.00	36.70 -0.04 0.00
IP CORINTH___1 23988	33.46 0.97 0.00	29.99 0.79 0.00	29.03 0.79 0.00	28.16 0.71 0.00	28.59 0.78 0.00	30.08 0.85 0.00	36.57 1.07 0.00	41.15 0.96 0.00	40.83 1.11 0.07	41.45 0.86 0.27	39.65 0.24 0.38	41.09 0.13 0.74	41.47 0.21 0.71	47.43 0.15 1.29	48.19 -0.10 1.29	49.90 0.05 1.01	53.58 0.11 0.83	58.61 0.29 0.63	60.19 1.25 0.41	57.90 1.14 0.23	54.07 1.32 0.00	50.71 0.90 0.00	41.85 0.82 0.12	37.25 0.81 0.29
IP___TICONDEROGA 23804	34.60 2.11 0.00	30.90 1.69 0.00	29.91 1.67 0.00	28.98 1.54 0.00	29.45 1.64 0.00	31.07 1.84 0.00	37.71 2.20 0.00	42.35 2.17 0.00	41.94 2.23 0.07	42.42 1.84 0.28	40.51 1.11 0.39	42.03 1.08 0.76	42.38 1.13 0.72	48.51 1.26 1.32	49.29 1.04 1.32	51.09 1.27 1.04	54.80 1.36 0.85	60.07 1.77 0.64	61.90 2.97 0.42	59.78 3.02 0.24	55.91 3.16 0.00	52.31 2.49 0.00	43.24 2.22 0.12	38.45 2.02 0.30
ISLIP_RES_REC 323679	34.66 2.18 0.00	30.87 1.66 0.00	29.71 1.47 0.00	28.79 1.34 0.00	29.18 1.36 0.00	30.87 1.64 0.00	37.85 2.34 0.00	42.27 2.09 0.00	42.47 2.58 -0.10	43.35 2.12 -0.36	42.10 1.79 -0.51	43.81 1.13 -0.98	42.09 1.13 1.01	43.64 0.97 5.90	46.21 0.99 4.36	49.81 0.96 2.02	50.80 1.36 4.86	61.54 1.77 -0.83	61.37 1.48 -0.53	58.95 1.65 -0.30	54.54 1.79 0.00	50.92 1.09 0.00	41.66 0.37 -0.15	38.60 1.47 -0.39

JAMAICA__27_KV_LOAD 355505	33.98 1.49 0.00	30.40 1.20 0.00	29.26 1.02 0.00	28.38 0.93 0.00	28.79 0.97 0.00	30.34 1.11 0.00	37.43 1.92 0.00	42.31 2.13 0.00	42.43 2.55 -0.10	43.60 2.37 -0.36	42.34 2.03 -0.51	44.73 2.04 -0.98	45.13 2.22 -0.94	52.23 1.94 -1.72	53.23 1.93 -1.72	54.14 1.93 -1.35	58.02 2.61 -1.11	62.67 2.89 -0.84	62.51 2.61 -0.54	59.64 2.34 -0.31	54.65 1.90 0.00	51.51 1.69 0.00	43.03 1.73 -0.16	38.49 1.36 -0.39
JANIS__SOLAR 323808	33.52 1.04 0.00	30.11 0.91 0.00	29.09 0.85 0.00	28.29 0.85 0.00	28.70 0.89 0.00	30.17 0.94 0.00	36.75 1.24 0.00	41.75 1.57 0.00	40.10 0.32 0.00	41.11 0.25 0.00	39.91 0.12 0.00	41.83 0.13 0.00	42.13 0.17 0.00	48.76 0.20 0.00	49.83 0.25 0.00	51.31 0.46 0.00	54.95 0.65 0.00	59.95 1.00 0.00	60.66 1.30 0.00	58.53 1.54 0.00	54.22 1.47 0.00	51.26 1.45 0.00	42.34 1.19 0.00	37.69 0.95 0.00
JARVIS____ 23743	32.42 -0.06 0.00	29.17 -0.03 0.00	28.21 -0.03 0.00	27.41 -0.03 0.00	27.79 -0.03 0.00	29.17 -0.06 0.00	35.47 -0.04 0.00	40.10 -0.08 0.00	39.71 -0.08 0.00	40.78 -0.08 0.00	39.71 -0.08 0.00	41.62 -0.08 0.00	41.88 -0.08 0.00	48.47 -0.10 0.00	49.48 -0.10 0.00	50.76 -0.10 0.00	54.25 -0.05 0.00	58.89 -0.06 0.00	59.35 0.00 0.00	56.94 -0.06 0.00	52.69 -0.05 0.00	49.72 -0.10 0.00	41.06 -0.08 0.00	36.66 -0.07 0.00
JENNISON____1 23625	33.69 1.20 0.00	30.28 1.08 0.00	29.26 1.02 0.00	28.46 1.02 0.00	28.87 1.06 0.00	30.31 1.08 0.00	36.93 1.42 0.00	42.07 1.89 0.00	42.07 2.27 -0.01	43.33 2.41 -0.05	42.42 2.55 -0.08	44.69 2.84 -0.15	44.92 2.81 -0.14	52.32 3.50 -0.25	53.20 3.37 -0.25	54.72 3.66 -0.20	58.27 3.80 -0.16	62.72 3.65 -0.12	63.59 4.15 -0.08	60.92 3.88 -0.05	56.33 3.59 0.00	53.16 3.34 0.00	43.97 2.80 -0.02	39.11 2.31 -0.06
JENNISON____2 23626	33.69 1.20 0.00	30.28 1.08 0.00	29.26 1.02 0.00	28.46 1.02 0.00	28.87 1.06 0.00	30.31 1.08 0.00	36.93 1.42 0.00	42.07 1.89 0.00	42.07 2.27 -0.01	43.33 2.41 -0.05	42.42 2.55 -0.08	44.69 2.84 -0.15	44.92 2.81 -0.14	52.32 3.50 -0.25	53.20 3.37 -0.25	54.72 3.66 -0.20	58.27 3.80 -0.16	62.72 3.65 -0.12	63.59 4.15 -0.08	60.92 3.88 -0.05	56.33 3.59 0.00	53.16 3.34 0.00	43.97 2.80 -0.02	39.11 2.31 -0.06
JERICOHO_RISE_WT_PWR 323719	33.13 0.65 0.00	29.79 0.58 0.00	28.78 0.54 0.00	27.99 0.55 0.00	28.34 0.53 0.00	29.87 0.64 0.00	36.26 0.75 0.00	41.15 0.96 0.00	40.74 0.95 0.00	41.80 0.94 0.00	40.75 0.95 0.00	42.62 0.92 0.00	42.80 0.84 0.00	49.44 0.88 0.00	50.37 0.79 0.00	51.67 0.81 0.00	55.00 0.70 0.00	59.65 0.71 0.00	60.12 0.71 0.00	57.79 0.80 0.00	53.54 0.79 0.00	50.72 0.90 0.00	41.93 0.78 0.00	37.47 0.73 0.00
KATONAH__115KV_46KV_TB4 355592	33.75 1.27 0.00	30.22 1.02 0.00	29.17 0.93 0.00	28.32 0.88 0.00	28.76 0.95 0.00	30.20 0.96 0.00	37.00 1.49 0.00	41.75 1.57 0.00	41.72 1.83 -0.10	42.95 1.72 -0.37	41.99 1.67 -0.52	44.33 1.63 -1.00	44.65 1.72 -0.96	52.02 1.70 -1.75	52.97 1.64 -1.76	53.86 1.63 -1.37	57.39 1.95 -1.13	62.10 2.30 -0.85	61.98 2.08 -0.55	59.25 1.94 -0.32	54.38 1.64 0.00	51.27 1.44 0.00	42.46 1.15 -0.16	38.09 0.96 -0.40
KCE_NY_1 323755	33.62 1.14 0.00	30.20 0.99 0.00	29.23 0.99 0.00	28.35 0.90 0.00	28.79 0.97 0.00	30.25 1.02 0.00	36.75 1.24 0.00	41.43 1.25 0.00	41.06 1.35 0.08	41.72 1.14 0.29	40.18 0.80 0.41	41.71 0.79 0.78	42.06 0.84 0.75	48.07 0.88 1.37	49.00 0.79 1.37	50.70 0.92 1.07	54.44 1.03 0.89	59.57 1.30 0.67	60.58 1.66 0.43	58.34 1.59 0.25	54.28 1.53 0.00	51.01 1.19 0.00	42.13 1.11 0.13	37.42 0.99 0.31
KCE_NY_6_ESR 323823	32.32 -0.16 0.00	29.14 -0.06 0.00	28.21 -0.03 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.14 -0.09 0.00	34.76 -0.75 0.00	39.54 -0.64 0.00	38.39 -1.39 0.00	40.70 -0.16 0.00	39.87 0.08 0.00	42.29 0.58 0.00	42.60 0.63 0.00	49.49 0.92 0.00	50.82 1.24 0.00	52.38 1.52 0.00	55.49 1.19 0.00	59.65 0.71 0.00	59.95 0.59 0.00	57.51 0.51 0.00	53.22 0.47 0.00	51.26 1.45 0.00	42.71 1.56 0.00	38.17 1.43 0.00
KEDC_PORT_JEFF_GT2 24210	34.47 1.98 0.00	30.69 1.49 0.00	29.57 1.33 0.00	28.65 1.21 0.00	29.01 1.20 0.00	30.69 1.46 0.00	37.60 2.09 0.00	41.99 1.81 0.00	42.19 2.31 -0.10	43.02 1.80 -0.36	41.78 1.47 -0.51	43.47 0.79 -0.98	41.73 0.80 1.03	43.19 0.58 5.96	45.76 0.60 4.41	49.32 0.51 2.04	50.31 0.92 4.91	60.89 1.12 -0.83	60.65 0.77 -0.53	58.50 1.20 -0.30	54.07 1.32 0.00	50.52 0.70 0.00	41.37 0.08 -0.14	38.34 1.21 -0.39
KEDC_PORT_JEFF_GT3 24211	34.47 1.98 0.00	30.69 1.49 0.00	29.57 1.33 0.00	28.65 1.21 0.00	29.01 1.20 0.00	30.69 1.46 0.00	37.60 2.09 0.00	41.99 1.81 0.00	42.19 2.31 -0.10	43.02 1.80 -0.36	41.78 1.47 -0.51	43.47 0.79 -0.98	41.73 0.80 1.03	43.19 0.58 5.96	45.76 0.60 4.41	49.32 0.51 2.04	50.31 0.92 4.91	60.89 1.12 -0.83	60.65 0.77 -0.53	58.50 1.20 -0.30	54.07 1.32 0.00	50.52 0.70 0.00	41.37 0.08 -0.14	38.34 1.21 -0.39
KEDC_GLWD_GT4 24219	34.14 1.66 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.87 1.06 0.00	30.46 1.23 0.00	37.35 1.85 0.00	41.99 1.81 0.00	42.07 2.19 -0.10	43.15 1.92 -0.36	42.14 1.83 -0.51	44.31 1.62 -0.98	43.98 1.72 -0.29	49.40 1.65 0.82	50.96 1.69 0.31	52.81 1.73 -0.23	55.16 1.74 0.88	61.72 1.94 -0.84	61.55 1.66 -0.54	58.73 1.43 -0.31	54.01 1.26 0.00	51.07 1.25 0.00	42.25 0.95 -0.15	38.30 1.18 -0.39
KEDC_GLWD_GT5 24220	34.14 1.66 0.00	30.52 1.32 0.00	29.37 1.13 0.00	28.48 1.04 0.00	28.87 1.06 0.00	30.46 1.23 0.00	37.35 1.85 0.00	41.99 1.81 0.00	42.07 2.19 -0.10	43.15 1.92 -0.36	42.14 1.83 -0.51	44.31 1.62 -0.98	43.98 1.72 -0.29	49.40 1.65 0.82	50.96 1.69 0.31	52.81 1.73 -0.23	55.16 1.74 0.88	61.72 1.94 -0.84	61.55 1.66 -0.54	58.73 1.43 -0.31	54.01 1.26 0.00	51.07 1.25 0.00	42.25 0.95 -0.15	38.30 1.18 -0.39
KENSICO____ 23655	33.69 1.20 0.00	30.20 0.99 0.00	29.12 0.88 0.00	28.27 0.82 0.00	28.68 0.86 0.00	30.14 0.91 0.00	36.96 1.46 0.00	41.71 1.53 0.00	41.67 1.79 -0.10	42.90 1.68 -0.36	41.89 1.59 -0.51	44.18 1.50 -0.97	44.53 1.64 -0.93	51.82 1.55 -1.70	52.77 1.49 -1.71	53.67 1.47 -1.33	57.36 1.95 -1.10	61.95 2.18 -0.83	61.85 1.96 -0.54	59.07 1.77 -0.31	54.28 1.53 0.00	51.17 1.35 0.00	42.37 1.07 -0.16	38.04 0.92 -0.39
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.65 1.17 0.00	30.14 0.93 0.00	29.09 0.85 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.08 0.85 0.00	36.79 1.28 0.00	41.51 1.33 0.00	41.35 1.51 -0.05	42.42 1.35 -0.20	41.23 1.15 -0.29	43.42 1.17 -0.55	43.79 1.30 -0.53	50.89 1.36 -0.96	51.78 1.24 -0.97	52.94 1.32 -0.76	56.72 1.79 -0.62	61.54 2.12 -0.47	61.73 2.08 -0.31	59.11 1.94 -0.17	54.43 1.69 0.00	51.16 1.35 0.00	42.39 1.15 -0.09	37.95 0.99 -0.22

KIAC_JFK_GT1 23816	33.78 1.30 0.00	30.22 1.02 0.00	29.12 0.88 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.20 0.96 0.00	37.21 1.70 0.00	42.07 1.89 0.00	42.19 2.31 -0.10	43.39 2.17 -0.36	42.10 1.79 -0.51	44.48 1.79 -0.98	44.88 1.97 -0.94	51.79 1.51 -1.72	52.74 1.44 -1.72	53.63 1.42 -1.35	57.48 2.06 -1.11	62.08 2.30 -0.84	61.85 1.96 -0.54	59.02 1.71 -0.31	54.12 1.37 0.00	51.02 1.20 0.00	42.79 1.48 -0.16	38.27 1.14 -0.39
KIAC_JFK_GT2 23817	33.78 1.30 0.00	30.22 1.02 0.00	29.12 0.88 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.20 0.96 0.00	37.21 1.70 0.00	42.07 1.89 0.00	42.19 2.31 -0.10	43.39 2.17 -0.36	42.10 1.79 -0.51	44.48 1.79 -0.98	44.88 1.97 -0.94	51.79 1.51 -1.72	52.74 1.44 -1.72	53.63 1.42 -1.35	57.48 2.06 -1.11	62.08 2.30 -0.84	61.85 1.96 -0.54	59.02 1.71 -0.31	54.12 1.37 0.00	51.02 1.20 0.00	42.79 1.48 -0.16	38.27 1.14 -0.39
KIAC_JFK____ 323774	33.79 1.30 0.00	30.22 1.02 0.00	29.12 0.88 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.17 0.94 0.00	37.18 1.67 0.00	42.07 1.89 0.00	42.19 2.31 -0.10	43.35 2.12 -0.36	42.06 1.75 -0.51	44.48 1.79 -0.98	44.80 1.89 -0.94	51.74 1.46 -1.72	52.79 1.49 -1.72	53.68 1.48 -1.35	57.48 2.06 -1.11	62.08 2.30 -0.84	61.85 1.96 -0.54	59.02 1.71 -0.31	54.07 1.32 0.00	50.82 1.00 0.00	42.71 1.40 -0.16	38.23 1.10 -0.39
KINTIGH__24_KV_GSU 356498	32.22 -0.26 0.00	29.06 -0.15 0.00	28.13 -0.11 0.00	27.25 -0.19 0.00	27.65 -0.17 0.00	28.94 -0.29 0.00	34.59 -0.92 0.00	39.22 -0.96 0.00	38.12 -1.67 0.00	40.21 -0.66 0.00	39.32 -0.48 0.00	41.62 -0.08 0.00	41.88 -0.08 0.00	48.62 0.05 0.00	49.93 0.35 0.00	51.37 0.51 0.00	54.46 0.16 0.00	58.71 -0.23 0.00	58.94 -0.41 0.00	56.60 -0.40 0.00	52.48 -0.26 0.00	50.46 0.65 0.00	42.01 0.87 0.00	37.51 0.77 0.00
KINTIGH____ 23543	32.19 -0.29 0.00	29.06 -0.15 0.00	28.13 -0.11 0.00	27.25 -0.19 0.00	27.65 -0.17 0.00	28.88 -0.35 0.00	34.55 -0.96 0.00	39.22 -0.96 0.00	38.08 -1.71 0.00	40.09 -0.78 0.00	39.24 -0.56 0.00	41.62 -0.08 0.00	41.92 -0.04 0.00	48.62 0.05 0.00	49.83 0.25 0.00	51.52 0.66 0.00	54.46 0.16 0.00	58.65 -0.29 0.00	58.94 -0.42 0.00	56.60 -0.40 0.00	52.48 -0.26 0.00	50.17 0.35 0.00	42.05 0.91 0.00	37.40 0.66 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.98 1.49 0.00	30.57 1.37 0.00	29.51 1.27 0.00	28.70 1.26 0.00	29.04 1.22 0.00	30.66 1.43 0.00	37.25 1.74 0.00	42.43 2.25 0.00	42.02 2.23 0.00	43.11 2.25 0.00	42.06 2.27 0.00	43.96 2.25 0.00	43.56 1.59 0.00	50.17 1.60 0.00	51.16 1.59 0.00	52.48 1.63 0.00	55.82 1.52 0.00	60.59 1.65 0.00	61.13 1.78 0.00	58.82 1.82 0.00	54.43 1.69 0.00	51.41 1.59 0.00	42.63 1.48 0.00	38.57 1.84 0.00
LACHUTE____HYDRO 323717	34.57 2.08 0.00	30.90 1.69 0.00	29.91 1.67 0.00	28.98 1.54 0.00	29.45 1.64 0.00	31.07 1.84 0.00	37.71 2.20 0.00	42.35 2.17 0.00	41.94 2.23 0.07	42.42 1.84 0.28	40.51 1.11 0.39	42.03 1.08 0.76	42.33 1.09 0.72	48.51 1.26 1.32	49.30 1.04 1.32	51.14 1.32 1.04	54.80 1.36 0.85	60.07 1.77 0.64	61.90 2.97 0.42	59.72 2.96 0.24	55.80 3.06 0.00	52.26 2.44 0.00	43.20 2.18 0.12	38.45 2.02 0.30
LAWRNCALV_115KV_TB1 80681	33.59 1.10 0.00	30.22 1.02 0.00	29.20 0.96 0.00	28.40 0.96 0.00	28.73 0.92 0.00	30.28 1.05 0.00	36.86 1.35 0.00	41.87 1.69 0.00	41.38 1.59 0.00	42.37 1.51 0.00	41.31 1.51 0.00	43.21 1.50 0.00	43.27 1.30 0.00	50.22 1.65 0.00	51.26 1.69 0.00	52.64 1.78 0.00	55.77 1.47 0.00	60.12 1.18 0.00	60.78 1.42 0.00	58.53 1.54 0.00	54.22 1.48 0.00	51.61 1.79 0.00	42.71 1.56 0.00	38.24 1.51 0.00
LEDERLE____ 23769	33.72 1.23 0.00	30.22 1.02 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.70 0.89 0.00	30.17 0.94 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.62 1.75 -0.08	42.81 1.63 -0.32	41.75 1.51 -0.45	44.02 1.46 -0.86	44.38 1.59 -0.82	51.62 1.55 -1.50	52.57 1.49 -1.50	53.51 1.47 -1.18	57.22 1.95 -0.97	61.91 2.24 -0.73	61.84 2.02 -0.47	59.15 1.88 -0.27	54.38 1.64 0.00	51.22 1.39 0.00	42.44 1.15 -0.14	38.07 0.99 -0.34
LIGHTHSE_115KV_TB6 355974	32.48 0.00 0.00	29.20 0.00 0.00	28.21 -0.03 0.00	27.44 0.00 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.51 0.00 0.00	40.30 0.12 0.00	39.75 -0.04 0.00	40.82 -0.04 0.00	39.79 0.00 0.00	41.75 0.04 0.00	42.01 0.04 0.00	48.67 0.10 0.00	49.68 0.10 0.00	50.91 0.05 0.00	54.08 -0.22 0.00	58.65 -0.29 0.00	59.35 0.00 0.00	57.17 0.17 0.00	52.96 0.21 0.00	50.17 0.35 0.00	41.64 0.49 0.00	37.07 0.33 0.00
LINDEN COGEN____ 23786	33.72 1.23 0.00	30.20 0.99 0.00	29.09 0.85 0.00	28.21 0.77 0.00	28.59 0.78 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.83 1.65 0.00	41.87 1.99 -0.10	43.07 1.84 -0.36	41.98 1.67 -0.51	44.36 1.67 -0.98	44.67 1.76 -0.94	51.84 1.55 -1.72	52.89 1.59 -1.72	53.83 1.63 -1.35	57.53 2.12 -1.11	62.08 2.30 -0.84	61.85 1.96 -0.54	59.02 1.71 -0.31	54.17 1.42 0.00	50.97 1.15 0.00	42.37 1.07 -0.16	38.05 0.92 -0.39
LINDHRST_69_KV_BK1 356055	34.69 2.21 0.00	30.93 1.72 0.00	29.74 1.50 0.00	28.81 1.37 0.00	29.43 1.61 0.00	30.90 1.67 0.00	37.82 2.31 0.00	42.35 2.17 0.00	42.39 2.51 -0.10	43.39 2.17 -0.36	42.22 1.91 -0.51	43.89 1.21 -0.98	42.46 1.26 0.76	44.68 1.02 4.91	46.99 0.99 3.58	50.29 1.02 1.58	51.68 1.47 4.09	61.60 1.83 -0.83	61.54 1.66 -0.53	58.90 1.60 -0.31	54.43 1.69 0.00	51.22 1.39 0.00	42.03 0.74 -0.15	38.78 1.65 -0.39
LIPA_MISC_IPP 23656	34.24 1.75 0.00	30.49 1.28 0.00	29.40 1.16 0.00	28.48 1.04 0.00	29.26 1.45 0.00	30.52 1.29 0.00	37.39 1.88 0.00	41.91 1.73 0.00	41.95 2.07 -0.10	42.90 1.68 -0.36	41.74 1.43 -0.51	43.18 0.50 -0.98	41.47 0.55 1.04	42.72 0.15 5.99	45.19 0.05 4.44	48.85 0.05 2.06	49.75 0.38 4.93	60.66 0.88 -0.83	60.36 0.47 -0.53	58.27 0.97 -0.30	54.01 1.27 0.00	50.92 1.10 0.00	41.13 -0.16 -0.14	38.23 1.10 -0.39
LISF____SOLAR 323691	34.27 1.79 0.00	30.55 1.34 0.00	29.43 1.19 0.00	28.51 1.07 0.00	28.90 1.08 0.00	30.55 1.32 0.00	37.46 1.95 0.00	41.79 1.61 0.00	41.99 2.11 -0.10	42.82 1.59 -0.36	41.58 1.27 -0.51	43.22 0.54 -0.98	41.48 0.54 1.03	42.83 0.24 5.98	45.40 0.25 4.43	48.96 0.15 2.05	49.92 0.54 4.92	60.89 1.12 -0.83	60.54 0.65 -0.53	58.33 1.03 -0.30	54.01 1.26 0.00	50.47 0.65 0.00	41.13 -0.16 -0.14	38.12 0.99 -0.39
LITTLE FALLS____HYD 24013	32.16 -0.32 0.00	28.88 -0.32 0.00	27.90 -0.34 0.00	27.11 -0.33 0.00	27.48 -0.33 0.00	28.91 -0.32 0.00	35.22 -0.28 0.00	39.90 -0.28 0.00	39.55 -0.24 0.00	40.62 -0.25 0.00	39.59 -0.20 0.00	41.54 -0.17 0.00	41.84 -0.13 0.00	48.47 -0.10 0.00	49.48 -0.10 0.00	50.76 -0.10 0.00	54.30 0.00 0.00	58.94 0.00 0.00	59.47 0.12 0.00	57.11 0.11 0.00	52.85 0.11 0.00	49.82 0.00 0.00	41.15 0.00 0.00	36.70 -0.04 0.00

LITTLRIV_115KV_TB1 356100	34.01 1.53 0.00	30.60 1.40 0.00	29.54 1.30 0.00	28.76 1.32 0.00	29.09 1.28 0.00	30.66 1.43 0.00	37.36 1.85 0.00	42.39 2.21 0.00	41.82 2.03 0.00	42.74 1.88 0.00	41.62 1.83 0.00	43.50 1.79 0.00	43.52 1.55 0.00	50.56 1.99 0.00	51.61 2.03 0.00	52.99 2.14 0.00	56.15 1.85 0.00	60.59 1.65 0.00	61.55 2.20 0.00	59.33 2.34 0.00	55.07 2.32 0.00	52.36 2.54 0.00	43.24 2.10 0.00	38.76 2.02 0.00
LI_NEWBRDGE___DRP 323616	34.08 1.59 0.00	30.40 1.20 0.00	29.26 1.02 0.00	28.35 0.91 0.00	28.93 1.11 0.00	30.37 1.14 0.00	37.21 1.70 0.00	41.79 1.61 0.00	41.83 1.95 -0.10	42.86 1.63 -0.36	41.70 1.39 -0.51	43.47 0.79 -0.98	41.66 0.88 1.19	42.61 0.63 6.58	45.21 0.55 4.91	49.05 0.51 2.32	49.82 0.92 5.40	60.90 1.12 -0.83	60.77 0.89 -0.53	58.10 0.80 -0.30	53.54 0.79 0.00	50.42 0.60 0.00	41.50 0.21 -0.14	38.16 1.03 -0.39
LOCKPORT_115KV_TB60_63_64 80432	32.22 -0.26 0.00	29.11 -0.09 0.00	28.18 -0.06 0.00	27.47 0.03 0.00	27.84 0.03 0.00	29.09 -0.15 0.00	34.48 -1.03 0.00	39.18 -1.00 0.00	37.92 -1.87 0.00	40.13 -0.74 0.00	39.36 -0.44 0.00	41.83 0.13 0.00	42.18 0.21 0.00	48.96 0.39 0.00	50.17 0.59 0.00	52.03 1.17 0.00	54.84 0.54 0.00	58.94 0.00 0.00	59.23 -0.12 0.00	56.82 -0.17 0.00	52.69 -0.05 0.00	50.52 0.70 0.00	42.46 1.32 0.00	37.95 1.21 0.00
LOCKPORT___CC1 323769	32.32 -0.16 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.33 -0.11 0.00	27.70 -0.11 0.00	29.12 -0.12 0.00	34.55 -0.96 0.00	39.14 -1.05 0.00	37.92 -1.87 0.00	40.25 -0.61 0.00	39.36 -0.44 0.00	41.79 0.08 0.00	42.05 0.08 0.00	48.86 0.29 0.00	50.22 0.64 0.00	51.72 0.86 0.00	54.79 0.49 0.00	58.89 -0.06 0.00	59.17 -0.18 0.00	56.77 -0.23 0.00	52.64 -0.11 0.00	50.87 1.05 0.00	42.38 1.23 0.00	38.02 1.29 0.00
LOCKPORT___CC2 323770	32.32 -0.16 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.33 -0.11 0.00	27.70 -0.11 0.00	29.12 -0.12 0.00	34.55 -0.96 0.00	39.14 -1.05 0.00	37.92 -1.87 0.00	40.25 -0.61 0.00	39.36 -0.44 0.00	41.79 0.08 0.00	42.05 0.08 0.00	48.86 0.29 0.00	50.22 0.64 0.00	51.72 0.86 0.00	54.79 0.49 0.00	58.89 -0.06 0.00	59.17 -0.18 0.00	56.77 -0.23 0.00	52.64 -0.11 0.00	50.87 1.05 0.00	42.38 1.23 0.00	38.02 1.29 0.00
LOCKPORT___CC3 323771	32.32 -0.16 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.33 -0.11 0.00	27.70 -0.11 0.00	29.12 -0.12 0.00	34.55 -0.96 0.00	39.14 -1.05 0.00	37.92 -1.87 0.00	40.25 -0.61 0.00	39.36 -0.44 0.00	41.79 0.08 0.00	42.05 0.08 0.00	48.86 0.29 0.00	50.22 0.64 0.00	51.72 0.86 0.00	54.79 0.49 0.00	58.89 -0.06 0.00	59.17 -0.18 0.00	56.77 -0.23 0.00	52.64 -0.11 0.00	50.87 1.05 0.00	42.38 1.23 0.00	38.02 1.29 0.00
LOCUSVLY_69_KV_BK2 55797	34.27 1.79 0.00	30.60 1.40 0.00	29.45 1.21 0.00	28.54 1.10 0.00	29.07 1.25 0.00	30.55 1.32 0.00	37.46 1.95 0.00	42.11 1.93 0.00	42.19 2.31 -0.10	43.31 2.08 -0.36	42.18 1.87 -0.51	44.14 1.46 -0.98	43.50 1.59 0.06	47.85 1.46 2.17	49.58 1.39 1.39	51.76 1.27 0.37	54.10 1.74 1.94	61.72 1.95 -0.83	61.61 1.72 -0.54	58.84 1.54 -0.31	54.17 1.42 0.00	51.17 1.35 0.00	42.12 0.82 -0.15	38.49 1.36 -0.39
LONG_LAKE_PHOENIX 24014	31.90 -0.58 0.00	28.68 -0.53 0.00	27.73 -0.51 0.00	26.95 -0.49 0.00	27.34 -0.47 0.00	28.68 -0.56 0.00	34.83 -0.67 0.00	39.50 -0.68 0.00	39.03 -0.76 0.00	40.21 -0.65 0.00	39.20 -0.60 0.00	41.16 -0.54 0.00	41.46 -0.50 0.00	48.03 -0.53 0.00	49.03 -0.55 0.00	50.25 -0.61 0.00	53.49 -0.81 0.00	58.06 -0.88 0.00	58.40 -0.95 0.00	56.14 -0.85 0.00	51.96 -0.79 0.00	49.12 -0.70 0.00	40.69 -0.45 0.00	36.26 -0.48 0.00
LOVETT___3 23632	33.56 1.07 0.00	30.08 0.88 0.00	29.03 0.79 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.05 0.82 0.00	36.79 1.28 0.00	41.51 1.33 0.00	41.46 1.59 -0.09	42.66 1.47 -0.33	41.61 1.35 -0.46	43.88 1.29 -0.88	44.24 1.43 -0.84	51.42 1.31 -1.54	52.36 1.24 -1.54	53.28 1.22 -1.21	56.98 1.68 -1.00	61.58 1.89 -0.75	61.50 1.66 -0.49	58.81 1.54 -0.28	54.07 1.32 0.00	50.97 1.15 0.00	42.24 0.95 -0.14	37.90 0.81 -0.35
LOVETT___4 23642	33.56 1.07 0.00	30.08 0.88 0.00	29.03 0.79 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.05 0.82 0.00	36.79 1.28 0.00	41.51 1.33 0.00	41.46 1.59 -0.09	42.66 1.47 -0.33	41.61 1.35 -0.46	43.88 1.29 -0.88	44.24 1.43 -0.84	51.42 1.31 -1.54	52.36 1.24 -1.54	53.28 1.22 -1.21	56.98 1.68 -1.00	61.58 1.89 -0.75	61.50 1.66 -0.49	58.81 1.54 -0.28	54.07 1.32 0.00	50.97 1.15 0.00	42.24 0.95 -0.14	37.90 0.81 -0.35
LOVETT___5 23593	33.56 1.07 0.00	30.08 0.88 0.00	29.03 0.79 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.05 0.82 0.00	36.79 1.28 0.00	41.51 1.33 0.00	41.46 1.59 -0.09	42.66 1.47 -0.33	41.61 1.35 -0.46	43.88 1.29 -0.88	44.24 1.43 -0.84	51.42 1.31 -1.54	52.36 1.24 -1.54	53.28 1.22 -1.21	56.98 1.68 -1.00	61.58 1.89 -0.75	61.50 1.66 -0.49	58.81 1.54 -0.28	54.07 1.32 0.00	50.97 1.15 0.00	42.24 0.95 -0.14	37.90 0.81 -0.35
LOWER RAQUET___HYD 24057	33.65 1.17 0.00	30.28 1.08 0.00	29.23 0.99 0.00	28.43 0.99 0.00	28.79 0.97 0.00	30.34 1.11 0.00	36.93 1.42 0.00	41.95 1.77 0.00	41.46 1.67 0.00	42.45 1.59 0.00	41.34 1.55 0.00	43.25 1.54 0.00	43.39 1.43 0.00	50.31 1.75 0.00	51.36 1.78 0.00	52.69 1.83 0.00	55.77 1.47 0.00	60.06 1.12 0.00	60.77 1.42 0.00	58.53 1.54 0.00	54.28 1.53 0.00	51.76 1.94 0.00	42.87 1.73 0.00	38.35 1.61 0.00
LOWER___HUDSON 24059	33.20 0.71 0.00	29.90 0.70 0.00	28.92 0.68 0.00	28.07 0.63 0.00	28.48 0.67 0.00	29.93 0.70 0.00	36.33 0.82 0.00	40.95 0.76 0.00	40.56 0.87 0.10	41.18 0.69 0.38	39.82 0.56 0.53	41.19 0.50 1.02	41.53 0.54 0.98	47.27 0.49 1.79	48.28 0.50 1.79	49.96 0.51 1.40	53.80 0.65 1.16	58.90 0.82 0.87	59.73 0.95 0.57	57.53 0.86 0.32	53.54 0.79 0.00	50.31 0.50 0.00	41.47 0.50 0.17	36.80 0.48 0.41
LOWVILLE_115KV_TB2 356335	33.23 0.75 0.00	29.87 0.67 0.00	28.81 0.56 0.00	28.02 0.58 0.00	28.40 0.58 0.00	29.79 0.56 0.00	36.29 0.78 0.00	41.27 1.08 0.00	40.66 0.88 0.00	41.56 0.69 0.00	40.47 0.68 0.00	42.50 0.79 0.00	42.68 0.71 0.00	49.69 1.12 0.00	50.67 1.09 0.00	52.18 1.32 0.00	55.98 1.68 0.00	60.54 1.59 0.00	61.61 2.26 0.00	59.39 2.39 0.00	55.07 2.32 0.00	52.21 2.39 0.00	43.12 1.97 0.00	38.39 1.65 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.62 1.14 0.00	30.17 0.96 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	36.72 1.21 0.00	41.43 1.25 0.00	41.02 1.31 0.08	41.72 1.14 0.29	40.18 0.80 0.41	41.67 0.75 0.78	42.06 0.84 0.75	48.07 0.87 1.37	48.95 0.74 1.37	50.65 0.86 1.07	54.39 0.98 0.89	59.51 1.24 0.67	60.58 1.66 0.43	58.29 1.54 0.25	54.28 1.53 0.00	51.01 1.20 0.00	42.13 1.11 0.13	37.42 0.99 0.31

LUTHERNY_35_KV_BK2 355980	33.62 1.14 0.00	30.20 0.99 0.00	29.23 0.99 0.00	28.35 0.91 0.00	28.79 0.97 0.00	30.26 1.02 0.00	36.75 1.24 0.00	41.43 1.25 0.00	41.06 1.35 0.08	41.72 1.14 0.29	40.18 0.80 0.41	41.71 0.79 0.78	42.06 0.84 0.75	48.07 0.87 1.37	49.00 0.79 1.37	50.70 0.92 1.07	54.45 1.03 0.89	59.57 1.30 0.67	60.58 1.66 0.43	58.34 1.60 0.25	54.33 1.58 0.00	51.06 1.25 0.00	42.13 1.11 0.13	37.45 1.03 0.31
LWR___OSWEGATCHIE_HYD 23850	33.49 1.01 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.27 0.82 0.00	28.62 0.81 0.00	30.11 0.88 0.00	36.68 1.17 0.00	41.71 1.53 0.00	41.14 1.35 0.00	42.09 1.23 0.00	40.99 1.19 0.00	42.96 1.25 0.00	43.06 1.09 0.00	50.03 1.46 0.00	51.02 1.44 0.00	52.43 1.58 0.00	55.82 1.52 0.00	60.24 1.30 0.00	61.13 1.78 0.00	58.93 1.94 0.00	54.70 1.95 0.00	52.01 2.19 0.00	43.00 1.85 0.00	38.39 1.65 0.00
LYONS_FALL_HYD 23570	33.17 0.68 0.00	29.84 0.64 0.00	28.78 0.54 0.00	27.99 0.55 0.00	28.37 0.56 0.00	29.76 0.53 0.00	36.26 0.75 0.00	41.19 1.01 0.00	40.66 0.87 0.00	41.60 0.74 0.00	40.55 0.75 0.00	42.58 0.88 0.00	42.76 0.80 0.00	49.73 1.16 0.00	50.72 1.14 0.00	52.18 1.32 0.00	55.88 1.58 0.00	60.47 1.53 0.00	61.37 2.02 0.00	59.04 2.05 0.00	54.75 2.00 0.00	51.81 1.99 0.00	42.75 1.60 0.00	38.10 1.36 0.00
MADISON___COUNTY_LFGE 323628	33.17 0.68 0.00	29.82 0.61 0.00	28.81 0.56 0.00	27.99 0.55 0.00	28.40 0.58 0.00	29.82 0.58 0.00	36.29 0.78 0.00	41.19 1.00 0.00	40.66 0.88 0.00	41.72 0.86 0.00	40.71 0.92 0.00	42.75 1.04 0.00	43.01 1.05 0.00	49.88 1.31 0.00	50.87 1.29 0.00	52.28 1.42 0.00	55.82 1.52 0.00	60.42 1.47 0.00	61.13 1.78 0.00	58.76 1.77 0.00	54.43 1.69 0.00	51.36 1.54 0.00	42.42 1.28 0.00	37.76 1.03 0.00
MALONE___115KV_TB1 356076	33.62 1.14 0.00	30.25 1.05 0.00	29.20 0.96 0.00	28.40 0.96 0.00	28.76 0.95 0.00	30.34 1.11 0.00	36.86 1.35 0.00	42.03 1.85 0.00	41.62 1.83 0.00	42.74 1.88 0.00	41.70 1.91 0.00	43.58 1.88 0.00	43.56 1.59 0.00	50.51 1.94 0.00	51.51 1.93 0.00	52.84 1.98 0.00	56.15 1.85 0.00	60.95 2.00 0.00	61.49 2.14 0.00	59.16 2.17 0.00	54.75 2.00 0.00	51.71 1.89 0.00	42.59 1.44 0.00	38.21 1.47 0.00
MAPLEWOD_115KV_TB3 80458	32.97 0.49 0.00	29.70 0.50 0.00	28.72 0.48 0.00	27.88 0.44 0.00	28.29 0.47 0.00	29.73 0.50 0.00	36.01 0.50 0.00	40.59 0.40 0.00	40.27 0.56 0.07	40.99 0.41 0.28	39.67 0.28 0.40	41.15 0.21 0.77	41.53 0.29 0.73	47.42 0.19 1.34	48.33 0.10 1.34	49.91 0.10 1.05	53.70 0.27 0.87	58.64 0.35 0.65	59.40 0.47 0.42	57.15 0.40 0.24	53.06 0.32 0.00	49.96 0.15 0.00	41.23 0.21 0.12	36.61 0.18 0.31
MAPLE_RIDGE_WT_1 323574	32.29 -0.19 0.00	29.03 -0.17 0.00	28.07 -0.17 0.00	27.28 -0.16 0.00	27.65 -0.17 0.00	29.06 -0.17 0.00	35.30 -0.21 0.00	39.94 -0.24 0.00	39.55 -0.24 0.00	40.58 -0.28 0.00	39.56 -0.24 0.00	41.46 -0.25 0.00	41.72 -0.25 0.00	48.33 -0.24 0.00	49.38 -0.20 0.00	50.70 -0.15 0.00	54.14 -0.16 0.00	58.83 -0.12 0.00	59.23 -0.12 0.00	56.88 -0.11 0.00	52.64 -0.11 0.00	49.72 -0.10 0.00	41.06 -0.08 0.00	36.70 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	32.29 -0.19 0.00	29.03 -0.17 0.00	28.07 -0.17 0.00	27.28 -0.16 0.00	27.65 -0.17 0.00	29.06 -0.17 0.00	35.30 -0.21 0.00	39.94 -0.24 0.00	39.55 -0.24 0.00	40.58 -0.28 0.00	39.56 -0.24 0.00	41.46 -0.25 0.00	41.72 -0.25 0.00	48.33 -0.24 0.00	49.38 -0.20 0.00	50.70 -0.15 0.00	54.14 -0.16 0.00	58.83 -0.12 0.00	59.23 -0.12 0.00	56.88 -0.11 0.00	52.64 -0.11 0.00	49.72 -0.10 0.00	41.06 -0.08 0.00	36.70 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	33.13 0.65 0.00	29.79 0.58 0.00	28.78 0.54 0.00	27.99 0.55 0.00	28.34 0.53 0.00	29.85 0.61 0.00	36.29 0.78 0.00	41.19 1.01 0.00	40.78 1.00 0.00	41.88 1.02 0.00	40.83 1.03 0.00	42.70 1.00 0.00	42.85 0.88 0.00	49.44 0.88 0.00	50.32 0.74 0.00	51.62 0.76 0.00	54.95 0.65 0.00	59.65 0.71 0.00	60.12 0.77 0.00	57.79 0.80 0.00	53.48 0.74 0.00	50.66 0.85 0.00	41.97 0.82 0.00	37.51 0.77 0.00
MARSHVLE_115KV_TB1 80742	34.47 1.98 0.00	30.87 1.66 0.00	29.88 1.64 0.00	28.98 1.54 0.00	29.45 1.64 0.00	31.04 1.81 0.00	37.75 2.24 0.00	42.55 2.37 0.00	41.97 2.23 0.04	42.62 1.92 0.16	41.20 1.63 0.23	42.89 1.63 0.44	43.23 1.68 0.42	49.75 1.94 0.76	50.65 1.83 0.77	52.29 2.03 0.60	56.14 2.33 0.49	61.40 2.83 0.37	62.67 3.56 0.24	60.45 3.59 0.14	56.23 3.48 0.00	52.81 2.99 0.00	43.63 2.55 0.07	38.73 2.17 0.17
MARSH_HILL_WT_PWR 323713	32.03 -0.45 0.00	28.85 -0.35 0.00	27.93 -0.31 0.00	27.22 -0.22 0.00	27.68 -0.14 0.00	29.12 -0.12 0.00	35.19 -0.32 0.00	40.18 0.00 0.00	39.35 -0.44 0.00	41.23 0.37 0.00	40.27 0.48 0.00	42.50 0.79 0.00	42.93 0.97 0.00	49.69 1.12 0.00	50.92 1.34 0.00	52.48 1.63 0.00	55.82 1.52 0.00	60.30 1.36 0.00	60.66 1.30 0.00	58.42 1.43 0.00	54.12 1.37 0.00	51.61 1.79 0.00	43.00 1.85 0.00	38.28 1.54 0.00
MCINTYRE_115KV_TB2 80467	34.11 1.62 0.00	30.72 1.52 0.00	29.62 1.38 0.00	28.84 1.40 0.00	29.18 1.36 0.00	30.75 1.52 0.00	37.46 1.95 0.00	42.51 2.33 0.00	41.86 2.07 0.00	42.78 1.92 0.00	41.62 1.83 0.00	43.46 1.75 0.00	43.52 1.55 0.00	50.51 1.94 0.00	51.61 2.03 0.00	52.94 2.09 0.00	56.20 1.90 0.00	60.83 1.89 0.00	61.84 2.49 0.00	59.67 2.68 0.00	55.44 2.69 0.00	52.61 2.79 0.00	43.37 2.22 0.00	38.87 2.13 0.00
MECO_____69_KV_BK1 80468	34.69 2.21 0.00	31.04 1.84 0.00	30.05 1.81 0.00	29.17 1.73 0.00	29.65 1.84 0.00	31.25 2.02 0.00	37.99 2.49 0.00	42.80 2.61 0.00	42.13 2.39 0.05	42.64 1.96 0.18	41.05 1.51 0.25	42.68 1.46 0.49	43.01 1.51 0.47	49.41 1.70 0.85	50.31 1.59 0.86	52.07 1.88 0.67	56.03 2.28 0.55	61.53 3.01 0.42	62.94 3.86 0.27	60.72 3.88 0.15	56.49 3.75 0.00	53.00 3.19 0.00	43.82 2.76 0.08	38.89 2.35 0.19
MENANDS___115KV_TB5 355628	32.74 0.26 0.00	29.52 0.32 0.00	28.58 0.34 0.00	27.74 0.30 0.00	28.15 0.33 0.00	29.55 0.32 0.00	35.79 0.28 0.00	40.34 0.16 0.00	40.03 0.32 0.07	40.74 0.16 0.28	39.43 0.04 0.40	40.90 -0.04 0.77	41.27 0.04 0.73	47.13 -0.10 1.34	48.04 -0.20 1.34	49.60 -0.20 1.05	53.32 -0.11 0.87	58.29 0.00 0.65	58.93 0.00 0.42	56.70 -0.06 0.24	52.69 -0.05 0.00	49.57 -0.25 0.00	40.90 -0.12 0.12	36.36 -0.07 0.31
MG INDUSTRY___DRP 24185	32.87 0.39 0.00	29.58 0.38 0.00	28.66 0.42 0.00	27.83 0.38 0.00	28.23 0.42 0.00	29.64 0.41 0.00	35.90 0.39 0.00	40.47 0.28 0.00	40.15 0.40 0.04	40.97 0.25 0.14	39.71 0.12 0.20	41.37 0.04 0.38	41.69 0.08 0.36	47.90 0.00 0.66	48.86 -0.05 0.67	50.23 -0.10 0.52	53.92 0.05 0.43	58.80 0.18 0.32	59.38 0.24 0.21	57.10 0.23 0.12	52.90 0.16 0.00	49.87 0.05 0.00	41.25 0.16 0.06	36.73 0.15 0.15

MID___OSWEGATCHIE_HYD 23849	33.49 1.01 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.27 0.82 0.00	28.62 0.81 0.00	30.11 0.88 0.00	36.68 1.17 0.00	41.71 1.53 0.00	41.14 1.35 0.00	42.09 1.23 0.00	40.99 1.19 0.00	42.96 1.25 0.00	43.06 1.09 0.00	50.03 1.46 0.00	51.02 1.44 0.00	52.43 1.58 0.00	55.82 1.52 0.00	60.24 1.30 0.00	61.13 1.78 0.00	58.93 1.94 0.00	54.70 1.95 0.00	52.01 2.19 0.00	43.00 1.85 0.00	38.39 1.65 0.00
MID___RAQUETTE_HYD 23851	33.65 1.17 0.00	30.28 1.08 0.00	29.23 0.99 0.00	28.43 0.99 0.00	28.79 0.97 0.00	30.34 1.11 0.00	36.93 1.42 0.00	41.95 1.77 0.00	41.46 1.67 0.00	42.46 1.59 0.00	41.34 1.55 0.00	43.25 1.54 0.00	43.31 1.34 0.00	50.27 1.70 0.00	51.31 1.74 0.00	52.69 1.83 0.00	55.77 1.47 0.00	60.06 1.12 0.00	60.78 1.42 0.00	58.53 1.54 0.00	54.28 1.53 0.00	51.71 1.89 0.00	42.79 1.65 0.00	38.32 1.58 0.00
MILLIKEN___1 23584	32.87 0.39 0.00	29.55 0.35 0.00	28.58 0.34 0.00	27.77 0.33 0.00	28.15 0.33 0.00	29.58 0.35 0.00	35.94 0.43 0.00	40.83 0.64 0.00	40.11 0.32 0.00	41.27 0.41 0.00	40.23 0.44 0.00	42.21 0.50 0.00	42.55 0.59 0.00	49.25 0.68 0.00	50.27 0.69 0.00	51.67 0.81 0.00	55.11 0.81 0.00	59.83 0.88 0.00	60.30 0.95 0.00	58.08 1.08 0.00	53.75 1.00 0.00	50.76 0.95 0.00	42.05 0.91 0.00	37.40 0.66 0.00
MILLIKEN___2 23585	32.87 0.39 0.00	29.55 0.35 0.00	28.58 0.34 0.00	27.77 0.33 0.00	28.15 0.33 0.00	29.58 0.35 0.00	35.94 0.43 0.00	40.83 0.64 0.00	40.11 0.32 0.00	41.27 0.41 0.00	40.23 0.44 0.00	42.21 0.50 0.00	42.55 0.59 0.00	49.25 0.68 0.00	50.27 0.69 0.00	51.67 0.81 0.00	55.11 0.81 0.00	59.83 0.88 0.00	60.30 0.95 0.00	58.08 1.08 0.00	53.75 1.00 0.00	50.76 0.95 0.00	42.05 0.91 0.00	37.40 0.66 0.00
MILLIKEN___DIESEL 23629	32.87 0.39 0.00	29.55 0.35 0.00	28.58 0.34 0.00	27.77 0.33 0.00	28.15 0.33 0.00	29.58 0.35 0.00	35.94 0.43 0.00	40.83 0.64 0.00	40.11 0.32 0.00	41.27 0.41 0.00	40.23 0.44 0.00	42.21 0.50 0.00	42.55 0.59 0.00	49.25 0.68 0.00	50.27 0.69 0.00	51.67 0.81 0.00	55.11 0.81 0.00	59.83 0.88 0.00	60.30 0.95 0.00	58.08 1.08 0.00	53.75 1.00 0.00	50.76 0.95 0.00	42.05 0.91 0.00	37.40 0.66 0.00
MILLSEAT___LFGE 323607	32.94 0.45 0.00	29.55 0.35 0.00	28.64 0.40 0.00	27.72 0.27 0.00	28.15 0.33 0.00	29.61 0.38 0.00	35.22 -0.29 0.00	40.22 0.04 0.00	39.07 -0.72 0.00	41.19 0.33 0.00	40.31 0.52 0.00	42.75 1.04 0.00	42.97 1.01 0.00	50.02 1.46 0.00	51.41 1.84 0.00	52.89 2.04 0.00	56.04 1.74 0.00	60.30 1.36 0.00	60.66 1.30 0.00	58.25 1.25 0.00	54.07 1.32 0.00	52.11 2.29 0.00	43.24 2.10 0.00	38.68 1.95 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.62 1.14 0.00	30.14 0.93 0.00	29.06 0.82 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	36.86 1.35 0.00	41.59 1.41 0.00	41.55 1.67 -0.09	42.77 1.55 -0.35	41.76 1.47 -0.50	44.08 1.42 -0.96	44.39 1.51 -0.92	51.65 1.41 -1.67	52.59 1.34 -1.68	53.49 1.32 -1.31	57.17 1.79 -1.08	61.76 2.00 -0.82	61.66 1.78 -0.53	58.95 1.65 -0.30	54.17 1.42 0.00	51.02 1.20 0.00	42.29 0.99 -0.16	37.96 0.84 -0.38
MILLWOOD_13_KV_LOAD 356217	33.69 1.20 0.00	30.20 0.99 0.00	29.12 0.88 0.00	28.27 0.82 0.00	28.70 0.89 0.00	30.17 0.94 0.00	36.96 1.46 0.00	41.67 1.49 0.00	41.63 1.75 -0.09	42.89 1.68 -0.35	41.84 1.55 -0.50	44.16 1.50 -0.96	44.52 1.64 -0.92	51.80 1.55 -1.67	52.74 1.49 -1.68	53.64 1.47 -1.31	57.28 1.90 -1.08	61.94 2.18 -0.82	61.84 1.96 -0.53	59.07 1.77 -0.30	54.28 1.53 0.00	51.17 1.35 0.00	42.37 1.07 -0.16	38.04 0.92 -0.38
MODEL_CITY_ENERGY 24167	32.19 -0.29 0.00	28.88 -0.32 0.00	27.96 -0.28 0.00	27.11 -0.33 0.00	27.51 -0.31 0.00	28.97 -0.26 0.00	34.27 -1.24 0.00	38.82 -1.37 0.00	37.56 -2.23 0.00	39.88 -0.98 0.00	39.00 -0.80 0.00	41.42 -0.29 0.00	41.67 -0.29 0.00	48.42 -0.15 0.00	49.78 0.20 0.00	51.26 0.40 0.00	54.25 -0.05 0.00	58.35 -0.59 0.00	58.64 -0.71 0.00	56.25 -0.74 0.00	52.17 -0.58 0.00	50.42 0.60 0.00	42.05 0.90 0.00	37.80 1.07 0.00
MODERN_LFGE___ 323580	32.19 -0.29 0.00	28.88 -0.32 0.00	27.96 -0.28 0.00	27.11 -0.33 0.00	27.51 -0.31 0.00	28.97 -0.26 0.00	34.27 -1.24 0.00	38.82 -1.37 0.00	37.56 -2.23 0.00	39.88 -0.98 0.00	39.00 -0.80 0.00	41.42 -0.29 0.00	41.67 -0.29 0.00	48.42 -0.15 0.00	49.78 0.20 0.00	51.26 0.40 0.00	54.25 -0.05 0.00	58.35 -0.59 0.00	58.64 -0.71 0.00	56.25 -0.74 0.00	52.17 -0.58 0.00	50.42 0.60 0.00	42.05 0.90 0.00	37.80 1.07 0.00
MOHAWK_PAPER___DRP 24187	32.97 0.49 0.00	29.70 0.50 0.00	28.72 0.48 0.00	27.88 0.44 0.00	28.29 0.47 0.00	29.73 0.50 0.00	36.01 0.50 0.00	40.59 0.40 0.00	40.27 0.56 0.07	40.99 0.41 0.28	39.67 0.28 0.40	41.15 0.21 0.77	41.53 0.29 0.73	47.42 0.19 1.34	48.33 0.10 1.34	49.91 0.10 1.05	53.70 0.27 0.87	58.64 0.35 0.65	59.40 0.47 0.42	57.15 0.40 0.24	53.06 0.32 0.00	49.96 0.15 0.00	41.23 0.21 0.12	36.61 0.18 0.31
MOHICAN___35_KV_115KV_LD 80490	33.65 1.17 0.00	30.17 0.96 0.00	29.20 0.96 0.00	28.32 0.88 0.00	28.76 0.95 0.00	30.28 1.05 0.00	36.79 1.28 0.00	41.43 1.25 0.00	41.06 1.35 0.07	41.68 1.10 0.28	39.91 0.52 0.40	41.40 0.46 0.77	41.73 0.50 0.73	47.71 0.49 1.34	48.53 0.30 1.34	50.26 0.46 1.05	53.98 0.54 0.87	59.06 0.77 0.65	60.53 1.60 0.42	58.29 1.54 0.24	54.38 1.64 0.00	51.01 1.20 0.00	42.13 1.11 0.12	37.46 1.03 0.31
MONGAUP___HYD 23641	33.52 1.04 0.00	30.05 0.85 0.00	29.03 0.79 0.00	28.15 0.71 0.00	28.56 0.75 0.00	29.99 0.76 0.00	36.64 1.14 0.00	41.31 1.12 0.00	41.01 1.15 -0.07	42.07 0.94 -0.27	40.92 0.75 -0.38	43.18 0.75 -0.72	43.49 0.84 -0.69	50.65 0.82 -1.26	51.68 0.84 -1.26	52.71 0.86 -0.99	56.41 1.30 -0.81	61.21 1.65 -0.61	61.47 1.72 -0.40	58.88 1.65 -0.23	54.22 1.47 0.00	50.91 1.09 0.00	42.21 0.95 -0.12	37.87 0.85 -0.29
MONTAUK___DIESEL 23721	35.05 2.57 0.00	31.28 2.07 0.00	30.22 1.98 0.00	29.31 1.87 0.00	30.15 2.34 0.00	31.48 2.25 0.00	38.49 2.98 0.00	43.12 2.93 0.00	43.19 3.30 -0.10	44.01 2.78 -0.36	42.85 2.55 -0.51	44.31 1.63 -0.98	42.57 1.64 1.04	44.04 1.46 5.99	46.48 1.34 4.44	50.17 1.37 2.06	51.16 1.79 4.93	62.25 2.48 -0.83	61.84 1.96 -0.53	59.58 2.28 -0.30	55.07 2.32 0.00	51.91 2.09 0.00	41.66 0.37 -0.14	38.82 1.69 -0.39
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.74 -0.75 0.00	28.68 -0.53 0.00	27.79 -0.45 0.00	27.11 -0.33 0.00	27.62 -0.19 0.00	28.97 -0.26 0.00	35.08 -0.43 0.00	40.26 0.08 0.00	39.35 -0.44 0.00	41.76 0.90 0.00	41.03 1.23 0.00	43.46 1.75 0.00	43.94 1.97 0.00	51.04 2.48 0.00	52.11 2.53 0.00	53.96 3.10 0.00	56.85 2.55 0.00	60.59 1.65 0.00	60.84 1.48 0.00	58.31 1.31 0.00	53.91 1.16 0.00	51.41 1.59 0.00	43.16 2.02 0.00	38.32 1.58 0.00

MORRIS_RIDGE___SOLAR 323848	32.03 -0.45 0.00	28.88 -0.32 0.00	27.93 -0.31 0.00	27.22 -0.22 0.00	27.62 -0.19 0.00	29.00 -0.23 0.00	34.91 -0.60 0.00	39.70 -0.48 0.00	38.79 -0.99 0.00	40.74 -0.12 0.00	39.79 0.00 0.00	41.96 0.25 0.00	42.34 0.38 0.00	49.05 0.49 0.00	50.32 0.74 0.00	51.82 0.96 0.00	55.12 0.82 0.00	59.41 0.47 0.00	59.77 0.42 0.00	57.51 0.51 0.00	53.27 0.53 0.00	50.96 1.15 0.00	42.46 1.32 0.00	37.88 1.14 0.00
MORTIMER_115KV_TB3 55949	32.61 0.13 0.00	29.32 0.12 0.00	28.38 0.14 0.00	27.50 0.05 0.00	27.90 0.08 0.00	29.26 0.03 0.00	35.15 -0.36 0.00	40.02 -0.16 0.00	39.15 -0.64 0.00	40.94 0.08 0.00	40.07 0.28 0.00	42.37 0.67 0.00	42.68 0.71 0.00	49.54 0.97 0.00	50.72 1.14 0.00	52.28 1.42 0.00	55.39 1.09 0.00	59.77 0.83 0.00	60.00 0.65 0.00	57.68 0.68 0.00	53.43 0.69 0.00	50.91 1.10 0.00	42.34 1.19 0.00	37.62 0.88 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.82 1.33 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.14 1.63 0.00	41.95 1.77 0.00	41.95 2.07 -0.10	43.19 1.96 -0.36	42.14 1.83 -0.51	44.48 1.79 -0.98	44.84 1.93 -0.94	52.09 1.80 -1.72	53.04 1.74 -1.72	53.99 1.78 -1.35	57.69 2.28 -1.11	62.32 2.53 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.43 1.69 0.00	51.37 1.54 0.00	42.58 1.28 -0.16	38.23 1.10 -0.39
MUNSVILLE_WIND_PWR 323609	34.20 1.72 0.00	30.75 1.55 0.00	29.65 1.41 0.00	28.87 1.43 0.00	29.29 1.47 0.00	30.78 1.55 0.00	37.64 2.13 0.00	42.92 2.73 0.00	43.82 4.02 -0.01	45.13 4.21 -0.05	44.32 4.46 -0.08	46.81 4.96 -0.15	46.89 4.78 -0.14	54.89 6.07 -0.25	55.68 5.85 -0.25	57.31 6.25 -0.20	61.03 6.57 -0.16	65.38 6.31 -0.12	66.79 7.36 -0.08	63.88 6.84 -0.05	59.13 6.38 0.00	55.74 5.93 0.00	45.94 4.77 -0.02	40.83 4.04 -0.06
N SALMON___HYD 24042	33.62 1.14 0.00	30.25 1.05 0.00	29.20 0.96 0.00	28.40 0.96 0.00	28.76 0.95 0.00	30.34 1.11 0.00	36.89 1.38 0.00	42.03 1.85 0.00	41.62 1.83 0.00	42.74 1.88 0.00	41.70 1.91 0.00	43.58 1.88 0.00	43.73 1.76 0.00	50.61 2.04 0.00	51.56 1.99 0.00	52.84 1.98 0.00	56.15 1.85 0.00	60.95 2.01 0.00	61.49 2.13 0.00	59.16 2.17 0.00	54.75 2.00 0.00	51.86 2.04 0.00	42.79 1.65 0.00	38.21 1.47 0.00
N.AKRON__115KV_KNAPP 355671	32.74 0.26 0.00	29.52 0.32 0.00	28.61 0.37 0.00	27.80 0.36 0.00	28.23 0.42 0.00	29.52 0.29 0.00	35.12 -0.39 0.00	40.10 -0.08 0.00	38.91 -0.88 0.00	41.15 0.29 0.00	40.31 0.52 0.00	42.79 1.08 0.00	43.10 1.13 0.00	50.12 1.55 0.00	51.41 1.83 0.00	53.20 2.34 0.00	56.15 1.85 0.00	60.42 1.47 0.00	60.72 1.37 0.00	58.36 1.37 0.00	54.12 1.37 0.00	51.81 1.99 0.00	43.33 2.18 0.00	38.65 1.91 0.00
N.E_GEN_SANDY PD 24062	33.10 0.62 0.00	29.84 0.64 0.00	28.83 0.59 0.00	28.02 0.58 0.00	28.40 0.59 0.00	29.82 0.58 0.00	36.29 0.78 0.00	40.91 0.72 0.00	40.10 0.87 0.56	39.47 0.74 2.13	37.43 0.63 3.00	36.54 0.58 5.75	37.09 0.63 5.51	39.00 0.49 10.05	40.00 0.50 10.07	43.43 0.46 7.88	48.50 0.70 6.50	54.93 0.89 4.90	56.94 0.77 3.18	55.80 0.63 1.82	53.27 0.53 0.00	50.05 0.25 0.02	40.50 0.29 0.94	34.70 0.26 2.29
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.62 1.14 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.08 0.85 0.00	36.82 1.31 0.00	41.55 1.37 0.00	41.50 1.63 -0.08	42.70 1.51 -0.32	41.60 1.35 -0.45	43.86 1.29 -0.87	44.22 1.43 -0.83	51.44 1.36 -1.51	52.38 1.29 -1.52	53.32 1.27 -1.19	57.02 1.74 -0.98	61.69 2.00 -0.74	61.61 1.78 -0.48	58.92 1.65 -0.27	54.17 1.42 0.00	51.02 1.20 0.00	42.27 0.99 -0.14	37.93 0.84 -0.35
N.QUEENS_27_KV_LOAD 356247	33.75 1.27 0.00	30.20 0.99 0.00	29.06 0.82 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.08 0.85 0.00	37.00 1.49 0.00	41.79 1.61 0.00	41.99 2.11 -0.10	43.19 1.96 -0.36	42.22 1.91 -0.51	44.65 1.96 -0.98	45.03 2.14 -0.93	52.13 1.85 -1.72	53.09 1.78 -1.72	54.04 1.83 -1.35	57.75 2.33 -1.11	62.32 2.53 -0.84	61.91 2.02 -0.54	58.96 1.65 -0.31	54.12 1.37 0.00	51.17 1.35 0.00	42.54 1.23 -0.16	38.08 0.96 -0.39
N.TROY___115KV_TB1 355778	33.23 0.75 0.00	29.90 0.70 0.00	28.92 0.68 0.00	28.07 0.63 0.00	28.48 0.67 0.00	29.93 0.70 0.00	36.33 0.82 0.00	40.95 0.76 0.00	40.56 0.88 0.10	41.22 0.74 0.38	39.82 0.56 0.53	41.18 0.50 1.02	41.57 0.59 0.98	47.31 0.53 1.79	48.23 0.45 1.79	49.91 0.46 1.40	53.79 0.65 1.16	58.90 0.83 0.87	59.74 0.95 0.57	57.53 0.85 0.32	53.54 0.79 0.00	50.41 0.60 0.00	41.51 0.53 0.17	36.81 0.48 0.41
NARROWS_GT1_1 24228	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT1_2 24229	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT1_3 24230	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT1_4 24231	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT1_5 24232	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39

NARROWS_GT1_6 24233	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT1_7 24234	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT1_8 24235	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT2_1 24236	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT2_2 24237	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT2_3 24238	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT2_4 24239	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT2_5 24240	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT2_6 24241	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT2_7 24242	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NARROWS_GT2_8 24243	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.17 0.68 0.00	29.84 0.64 0.00	28.89 0.65 0.00	28.05 0.60 0.00	28.45 0.64 0.00	29.88 0.64 0.00	36.18 0.67 0.00	40.67 0.48 0.00	40.60 0.84 0.03	41.30 0.53 0.10	39.89 0.24 0.14	41.65 0.21 0.27	42.00 0.29 0.26	48.44 0.34 0.47	49.41 0.30 0.47	50.80 0.31 0.37	54.54 0.54 0.30	59.66 0.94 0.23	60.51 1.31 0.15	58.16 1.25 0.08	53.43 0.69 0.00	50.22 0.40 0.00	41.84 0.74 0.04	37.33 0.70 0.11
NCHELSEA_115KV_TR2 355582	33.69 1.20 0.00	30.20 0.99 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.70 0.89 0.00	30.14 0.91 0.00	36.89 1.38 0.00	41.59 1.41 0.00	41.49 1.63 -0.08	42.66 1.51 -0.29	41.47 1.27 -0.41	43.78 1.29 -0.78	44.10 1.38 -0.75	51.34 1.41 -1.36	52.28 1.34 -1.36	53.25 1.32 -1.07	56.97 1.79 -0.88	61.67 2.06 -0.66	61.74 1.96 -0.43	59.07 1.82 -0.25	54.28 1.53 0.00	51.07 1.25 0.00	42.34 1.07 -0.13	38.00 0.96 -0.31
NEG CAPITAL___MECHNVIL 23645	33.69 1.20 0.00	30.22 1.02 0.00	29.26 1.02 0.00	28.40 0.96 0.00	28.81 1.00 0.00	30.31 1.08 0.00	36.79 1.28 0.00	41.51 1.32 0.00	41.09 1.39 0.08	41.77 1.22 0.32	40.29 0.95 0.45	41.75 0.92 0.87	42.10 0.97 0.83	48.07 1.02 1.52	48.99 0.94 1.52	50.78 1.12 1.19	54.57 1.25 0.98	59.68 1.47 0.74	60.71 1.84 0.48	58.43 1.71 0.28	54.38 1.64 0.00	51.06 1.25 0.00	42.15 1.15 0.14	37.42 1.03 0.35
NEG CENTRAL_HIGH_ACRES 23767	31.96 -0.52 0.00	28.71 -0.50 0.00	27.79 -0.45 0.00	26.92 -0.52 0.00	27.34 -0.47 0.00	28.71 -0.53 0.00	34.59 -0.92 0.00	39.34 -0.85 0.00	38.63 -1.16 0.00	40.33 -0.53 0.00	39.40 -0.40 0.00	41.58 -0.12 0.00	41.84 -0.13 0.00	48.57 0.00 0.00	49.78 0.20 0.00	51.06 0.20 0.00	54.25 -0.05 0.00	58.59 -0.35 0.00	58.82 -0.54 0.00	56.54 -0.46 0.00	52.38 -0.37 0.00	49.97 0.15 0.00	41.31 0.17 0.00	36.77 0.04 0.00

NEG CENTRAL___DRP 24199	32.55 0.06 0.00	29.23 0.03 0.00	28.30 0.06 0.00	27.47 0.03 0.00	27.87 0.06 0.00	29.29 0.06 0.00	35.51 0.00 0.00	40.42 0.24 0.00	39.75 -0.04 0.00	41.11 0.25 0.00	40.15 0.36 0.00	42.29 0.58 0.00	42.64 0.67 0.00	49.30 0.73 0.00	50.32 0.74 0.00	51.77 0.92 0.00	55.06 0.76 0.00	59.65 0.71 0.00	60.00 0.65 0.00	57.74 0.74 0.00	53.38 0.63 0.00	50.52 0.70 0.00	42.01 0.86 0.00	37.32 0.59 0.00
NEG CENTRAL___INDECK 23768	33.43 0.94 0.00	30.02 0.82 0.00	29.09 0.85 0.00	28.18 0.74 0.00	28.65 0.83 0.00	30.17 0.94 0.00	36.29 0.78 0.00	41.19 1.01 0.00	40.03 0.24 0.00	41.72 0.86 0.00	40.71 0.92 0.00	43.04 1.33 0.00	43.43 1.47 0.00	48.86 0.29 0.00	50.07 0.50 0.00	51.52 0.66 0.00	54.79 0.49 0.00	59.41 0.47 0.00	60.01 0.65 0.00	58.08 1.08 0.00	53.96 1.21 0.00	51.71 1.89 0.00	44.07 2.92 0.00	39.16 2.42 0.00
NEG CENTRAL___SENECA 23627	32.71 0.23 0.00	29.38 0.18 0.00	28.44 0.20 0.00	27.61 0.16 0.00	28.04 0.22 0.00	29.47 0.23 0.00	35.69 0.18 0.00	40.67 0.48 0.00	39.91 0.12 0.00	41.35 0.49 0.00	40.43 0.64 0.00	42.58 0.88 0.00	42.97 1.01 0.00	49.64 1.07 0.00	50.72 1.14 0.00	52.23 1.37 0.00	55.49 1.19 0.00	60.06 1.12 0.00	60.42 1.07 0.00	58.14 1.14 0.00	53.80 1.05 0.00	50.91 1.10 0.00	42.46 1.32 0.00	37.69 0.96 0.00
NEG CENTRAL___STATE_STREET 24147	32.48 0.00 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.44 -0.07 0.00	40.26 0.08 0.00	39.71 -0.08 0.00	40.94 0.08 0.00	39.99 0.20 0.00	42.04 0.33 0.00	42.34 0.38 0.00	49.05 0.49 0.00	50.07 0.50 0.00	51.47 0.61 0.00	54.73 0.43 0.00	59.36 0.41 0.00	59.77 0.42 0.00	57.51 0.51 0.00	53.22 0.47 0.00	50.32 0.50 0.00	41.68 0.53 0.00	37.07 0.33 0.00
NEG MILLWOOD___DRP 24198	33.82 1.33 0.00	30.28 1.08 0.00	29.23 0.99 0.00	28.40 0.96 0.00	28.81 1.00 0.00	30.26 1.02 0.00	37.07 1.56 0.00	41.79 1.61 0.00	41.74 1.87 -0.09	42.95 1.76 -0.33	41.93 1.67 -0.46	44.26 1.67 -0.89	44.54 1.72 -0.85	51.92 1.80 -1.55	52.82 1.69 -1.56	53.80 1.73 -1.22	57.31 2.01 -1.00	62.12 2.42 -0.76	62.10 2.26 -0.49	59.39 2.11 -0.28	54.54 1.79 0.00	51.37 1.54 0.00	42.52 1.23 -0.14	38.16 1.07 -0.35
NEG NORTH_FLCN_SEA 23793	33.98 1.49 0.00	30.57 1.37 0.00	29.51 1.27 0.00	28.70 1.26 0.00	29.07 1.25 0.00	30.64 1.40 0.00	37.25 1.74 0.00	42.43 2.25 0.00	41.98 2.19 0.00	43.11 2.25 0.00	42.06 2.27 0.00	43.96 2.25 0.00	43.39 1.43 0.00	49.78 1.21 0.00	50.82 1.24 0.00	52.13 1.27 0.00	55.44 1.14 0.00	60.12 1.18 0.00	60.66 1.31 0.00	58.31 1.31 0.00	53.96 1.21 0.00	50.96 1.15 0.00	42.42 1.28 0.00	38.57 1.84 0.00
NEG NORTH_KES_CHATEGAY 23792	33.20 0.71 0.00	29.87 0.67 0.00	28.83 0.59 0.00	28.05 0.60 0.00	28.40 0.58 0.00	29.93 0.70 0.00	36.33 0.82 0.00	41.23 1.04 0.00	40.74 0.95 0.00	41.80 0.94 0.00	40.71 0.92 0.00	42.58 0.88 0.00	42.55 0.59 0.00	49.25 0.68 0.00	50.32 0.74 0.00	51.62 0.76 0.00	55.01 0.71 0.00	59.71 0.77 0.00	60.24 0.89 0.00	57.96 0.97 0.00	53.70 0.95 0.00	50.71 0.90 0.00	41.85 0.70 0.00	37.58 0.84 0.00
NEG NORTH___ALICE_FALLS 23915	33.98 1.49 0.00	30.57 1.37 0.00	29.51 1.27 0.00	28.70 1.26 0.00	29.04 1.22 0.00	30.66 1.43 0.00	37.25 1.74 0.00	42.43 2.25 0.00	42.02 2.23 0.00	43.11 2.25 0.00	42.06 2.27 0.00	43.96 2.25 0.00	43.56 1.59 0.00	50.17 1.60 0.00	51.16 1.59 0.00	52.48 1.63 0.00	55.82 1.52 0.00	60.59 1.65 0.00	61.13 1.78 0.00	58.82 1.82 0.00	54.43 1.69 0.00	51.41 1.59 0.00	42.63 1.48 0.00	38.57 1.84 0.00
NEG NORTH___LWR_SARANAC 23913	33.98 1.49 0.00	30.57 1.37 0.00	29.51 1.27 0.00	28.70 1.26 0.00	29.04 1.22 0.00	30.66 1.43 0.00	37.25 1.74 0.00	42.43 2.25 0.00	42.02 2.23 0.00	43.11 2.25 0.00	42.06 2.27 0.00	43.96 2.25 0.00	43.56 1.59 0.00	50.17 1.60 0.00	51.16 1.59 0.00	52.48 1.63 0.00	55.82 1.52 0.00	60.59 1.65 0.00	61.13 1.78 0.00	58.82 1.82 0.00	54.43 1.69 0.00	51.41 1.59 0.00	42.63 1.48 0.00	38.57 1.84 0.00
NEG NORTH___PLATTSBURG 23628	33.98 1.50 0.00	30.58 1.37 0.00	29.51 1.27 0.00	28.71 1.26 0.00	29.04 1.22 0.00	30.66 1.43 0.00	37.25 1.74 0.00	42.43 2.25 0.00	42.01 2.23 0.00	43.11 2.25 0.00	42.06 2.27 0.00	43.96 2.25 0.00	44.10 2.14 0.00	50.46 1.89 0.00	51.21 1.63 0.00	52.48 1.63 0.00	55.82 1.52 0.00	60.59 1.65 0.00	61.13 1.78 0.00	58.82 1.82 0.00	54.43 1.69 0.00	51.76 1.94 0.00	43.20 2.06 0.00	38.61 1.87 0.00
NEG WEST_LEA_LOCKPORT 23791	32.19 -0.29 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.03 -0.20 0.00	34.48 -1.03 0.00	39.14 -1.04 0.00	37.88 -1.91 0.00	40.13 -0.74 0.00	39.32 -0.48 0.00	41.79 0.08 0.00	42.13 0.17 0.00	48.91 0.34 0.00	50.12 0.55 0.00	51.98 1.12 0.00	54.79 0.49 0.00	58.89 -0.06 0.00	59.17 -0.18 0.00	56.77 -0.23 0.00	52.64 -0.11 0.00	50.47 0.65 0.00	42.42 1.28 0.00	37.91 1.18 0.00
NEG WEST___LANCASTR 23811	31.74 -0.75 0.00	28.68 -0.53 0.00	27.73 -0.51 0.00	27.00 -0.44 0.00	27.37 -0.45 0.00	28.62 -0.61 0.00	34.23 -1.28 0.00	38.94 -1.25 0.00	37.84 -1.95 0.00	39.92 -0.94 0.00	39.16 -0.64 0.00	41.54 -0.17 0.00	41.97 0.00 0.00	48.76 0.19 0.00	49.83 0.25 0.00	51.67 0.81 0.00	54.63 0.33 0.00	58.77 -0.18 0.00	59.00 -0.36 0.00	56.65 -0.34 0.00	52.43 -0.32 0.00	50.02 0.20 0.00	41.97 0.82 0.00	37.36 0.62 0.00
NEG_PENN_ALLEGHNY 23528	32.71 0.23 0.00	29.38 0.18 0.00	28.44 0.20 0.00	27.64 0.19 0.00	28.01 0.20 0.00	29.41 0.18 0.00	35.65 0.14 0.00	40.50 0.32 0.00	39.95 0.16 0.00	41.27 0.41 0.00	40.27 0.48 0.00	42.33 0.63 0.00	42.64 0.67 0.00	49.39 0.82 0.00	50.42 0.84 0.00	51.77 0.92 0.00	55.22 0.92 0.00	59.77 0.82 0.00	60.12 0.77 0.00	57.79 0.80 0.00	53.48 0.74 0.00	50.61 0.79 0.00	41.93 0.78 0.00	37.32 0.59 0.00
NEG___GEN_MONROE 24207	32.87 0.39 0.00	29.55 0.35 0.00	28.58 0.34 0.00	27.66 0.22 0.00	28.06 0.25 0.00	29.47 0.23 0.00	35.37 -0.14 0.00	40.22 0.04 0.00	39.27 -0.52 0.00	41.11 0.25 0.00	40.27 0.48 0.00	42.62 0.92 0.00	42.93 0.97 0.00	49.83 1.26 0.00	51.07 1.49 0.00	52.64 1.78 0.00	55.71 1.41 0.00	60.12 1.18 0.00	60.48 1.13 0.00	58.14 1.14 0.00	53.91 1.16 0.00	51.46 1.64 0.00	42.87 1.73 0.00	38.13 1.40 0.00
NEPA___ENERGY 23901	32.26 -0.23 0.00	29.14 -0.06 0.00	28.18 -0.06 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.09 -0.15 0.00	34.83 -0.67 0.00	39.66 -0.52 0.00	38.55 -1.23 0.00	40.62 -0.25 0.00	39.83 0.04 0.00	42.21 0.50 0.00	42.64 0.67 0.00	49.49 0.92 0.00	50.57 0.99 0.00	52.38 1.53 0.00	55.49 1.19 0.00	59.71 0.77 0.00	60.00 0.65 0.00	57.68 0.68 0.00	53.38 0.63 0.00	50.86 1.05 0.00	42.67 1.52 0.00	37.91 1.18 0.00

NEVERSINK___HYD 23608	33.39 0.91 0.00	29.93 0.73 0.00	28.89 0.65 0.00	28.05 0.60 0.00	28.42 0.61 0.00	29.87 0.64 0.00	36.54 1.03 0.00	41.27 1.09 0.00	41.08 1.23 -0.06	42.18 1.10 -0.21	41.01 0.92 -0.30	43.23 0.96 -0.57	43.51 1.01 -0.54	50.63 1.07 -0.99	51.61 1.04 -0.99	52.70 1.07 -0.78	56.41 1.47 -0.64	61.14 1.71 -0.48	61.39 1.72 -0.31	58.71 1.54 -0.18	54.07 1.32 0.00	50.82 1.00 0.00	42.10 0.87 -0.09	37.70 0.73 -0.23
NEWKRMKL_115KV_TB1 55635	32.58 0.10 0.00	29.38 0.18 0.00	28.44 0.20 0.00	27.61 0.16 0.00	28.01 0.19 0.00	29.41 0.18 0.00	35.62 0.11 0.00	40.10 -0.08 0.00	39.84 0.12 0.07	40.57 -0.04 0.26	39.27 -0.16 0.36	40.76 -0.25 0.69	41.14 -0.17 0.66	47.02 -0.34 1.21	47.92 -0.45 1.21	49.45 -0.46 0.95	53.14 -0.38 0.78	58.00 -0.35 0.59	58.73 -0.24 0.38	56.43 -0.34 0.22	52.43 -0.32 0.00	49.32 -0.50 0.00	40.70 -0.33 0.11	36.20 -0.26 0.28
NEWTON___FALLS_HYD 23847	33.49 1.01 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.27 0.82 0.00	28.62 0.81 0.00	30.11 0.88 0.00	36.68 1.17 0.00	41.71 1.53 0.00	41.14 1.35 0.00	42.09 1.23 0.00	40.99 1.19 0.00	42.96 1.25 0.00	43.06 1.09 0.00	50.03 1.46 0.00	51.02 1.44 0.00	52.43 1.58 0.00	55.82 1.52 0.00	60.24 1.30 0.00	61.13 1.78 0.00	58.93 1.94 0.00	54.70 1.95 0.00	52.01 2.19 0.00	43.00 1.85 0.00	38.39 1.65 0.00
NGRID_A1_DSASP 323792	31.64 -0.84 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	27.03 -0.41 0.00	27.40 -0.42 0.00	28.41 -0.82 0.00	33.84 -1.67 0.00	38.30 -1.89 0.00	37.04 -2.74 0.00	39.35 -1.51 0.00	38.44 -1.35 0.00	40.83 -0.88 0.00	41.08 -0.88 0.00	47.70 -0.87 0.00	49.03 -0.54 0.00	50.45 -0.41 0.00	53.43 -0.87 0.00	57.47 -1.47 0.00	57.69 -1.66 0.00	55.34 -1.65 0.00	51.37 -1.37 0.00	49.67 -0.15 0.00	41.47 0.33 0.00	37.10 0.37 0.00
NGRID_A2_DSASP 323793	31.64 -0.84 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	27.03 -0.41 0.00	27.40 -0.42 0.00	28.41 -0.82 0.00	33.84 -1.67 0.00	38.30 -1.89 0.00	37.04 -2.74 0.00	39.35 -1.51 0.00	38.44 -1.35 0.00	40.83 -0.88 0.00	41.08 -0.88 0.00	47.70 -0.87 0.00	49.03 -0.54 0.00	50.45 -0.41 0.00	53.43 -0.87 0.00	57.47 -1.47 0.00	57.69 -1.66 0.00	55.34 -1.65 0.00	51.37 -1.37 0.00	49.67 -0.15 0.00	41.47 0.33 0.00	37.10 0.37 0.00
NGRID_A4_DSASP 323807	31.64 -0.84 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	27.03 -0.41 0.00	27.40 -0.42 0.00	28.41 -0.82 0.00	33.84 -1.67 0.00	38.30 -1.89 0.00	37.04 -2.74 0.00	39.35 -1.51 0.00	38.44 -1.35 0.00	40.83 -0.88 0.00	41.08 -0.88 0.00	47.70 -0.87 0.00	49.03 -0.54 0.00	50.45 -0.41 0.00	53.43 -0.87 0.00	57.47 -1.47 0.00	57.69 -1.66 0.00	55.34 -1.65 0.00	51.37 -1.37 0.00	49.67 -0.15 0.00	41.47 0.33 0.00	37.10 0.37 0.00
NIAGARA_115E_LBMP 323715	32.06 -0.42 0.00	28.77 -0.44 0.00	27.85 -0.40 0.00	27.00 -0.44 0.00	27.40 -0.42 0.00	28.88 -0.35 0.00	34.12 -1.39 0.00	38.62 -1.57 0.00	37.36 -2.43 0.00	39.68 -1.19 0.00	38.80 -0.99 0.00	41.21 -0.50 0.00	41.46 -0.50 0.00	48.13 -0.44 0.00	49.48 -0.10 0.00	50.96 0.10 0.00	53.98 -0.32 0.00	58.00 -0.95 0.00	58.29 -1.07 0.00	55.91 -1.08 0.00	51.90 -0.85 0.00	50.17 0.35 0.00	41.84 0.70 0.00	37.65 0.92 0.00
NIAGARA_115W_LBMP 323714	31.57 -0.91 0.00	28.73 -0.47 0.00	27.82 -0.42 0.00	26.98 -0.47 0.00	27.34 -0.47 0.00	28.36 -0.88 0.00	33.73 -1.77 0.00	38.18 -2.01 0.00	36.92 -2.87 0.00	39.23 -1.64 0.00	38.36 -1.43 0.00	40.70 -1.00 0.00	40.96 -1.01 0.00	47.55 -1.02 0.00	48.88 -0.69 0.00	50.30 -0.56 0.00	53.27 -1.03 0.00	57.29 -1.65 0.00	57.57 -1.78 0.00	55.23 -1.77 0.00	51.22 -1.53 0.00	49.52 -0.30 0.00	41.35 0.21 0.00	36.99 0.26 0.00
NIAGARA_230_LBMP 323716	32.03 -0.45 0.00	28.91 -0.29 0.00	27.99 -0.25 0.00	27.14 -0.30 0.00	27.51 -0.31 0.00	28.76 -0.47 0.00	34.27 -1.24 0.00	38.74 -1.44 0.00	37.52 -2.27 0.00	39.76 -1.10 0.00	38.88 -0.91 0.00	41.29 -0.42 0.00	41.51 -0.46 0.00	48.18 -0.39 0.00	49.53 -0.05 0.00	50.96 0.10 0.00	53.98 -0.32 0.00	58.12 -0.83 0.00	58.34 -1.01 0.00	56.03 -0.97 0.00	51.96 -0.79 0.00	50.17 0.35 0.00	41.89 0.74 0.00	37.47 0.73 0.00
NIAGARA___115KV_198_GIBSON 55903	31.74 -0.75 0.00	28.74 -0.47 0.00	27.82 -0.42 0.00	26.76 -0.69 0.00	27.12 -0.70 0.00	28.30 -0.94 0.00	33.70 -1.81 0.00	38.17 -2.01 0.00	36.88 -2.90 0.00	39.06 -1.80 0.00	38.28 -1.51 0.00	40.70 -1.00 0.00	41.04 -0.92 0.00	47.60 -0.97 0.00	48.78 -0.79 0.00	50.55 -0.31 0.00	53.27 -1.03 0.00	57.29 -1.65 0.00	57.57 -1.78 0.00	55.17 -1.82 0.00	51.22 -1.53 0.00	49.12 -0.70 0.00	41.35 0.21 0.00	36.88 0.15 0.00
NIAGARA____ 23760	32.03 -0.45 0.00	28.91 -0.29 0.00	27.99 -0.25 0.00	27.14 -0.30 0.00	27.51 -0.31 0.00	28.76 -0.47 0.00	34.27 -1.24 0.00	38.74 -1.44 0.00	37.52 -2.27 0.00	39.76 -1.10 0.00	38.88 -0.91 0.00	41.29 -0.42 0.00	41.51 -0.46 0.00	48.18 -0.39 0.00	49.53 -0.05 0.00	50.96 0.10 0.00	53.98 -0.32 0.00	58.12 -0.83 0.00	58.34 -1.01 0.00	56.03 -0.97 0.00	51.96 -0.79 0.00	50.17 0.35 0.00	41.89 0.74 0.00	37.47 0.73 0.00
NINE_MILE_1 23575	31.48 -1.01 0.00	28.30 -0.91 0.00	27.39 -0.85 0.00	26.62 -0.82 0.00	26.98 -0.83 0.00	28.33 -0.91 0.00	34.37 -1.14 0.00	38.90 -1.29 0.00	38.48 -1.31 0.00	39.64 -1.22 0.00	38.64 -1.16 0.00	40.54 -1.17 0.00	40.79 -1.17 0.00	47.26 -1.31 0.00	48.24 -1.34 0.00	49.49 -1.37 0.00	52.78 -1.52 0.00	57.23 -1.71 0.00	57.63 -1.72 0.00	55.40 -1.60 0.00	51.27 -1.48 0.00	48.48 -1.34 0.00	40.12 -1.03 0.00	35.78 -0.96 0.00
NINE_MILE_2 23744	31.48 -1.01 0.00	28.30 -0.91 0.00	27.39 -0.85 0.00	26.62 -0.82 0.00	26.98 -0.83 0.00	28.33 -0.91 0.00	34.37 -1.14 0.00	38.90 -1.29 0.00	38.48 -1.31 0.00	39.64 -1.22 0.00	38.64 -1.16 0.00	40.54 -1.17 0.00	40.79 -1.17 0.00	47.26 -1.31 0.00	48.24 -1.34 0.00	49.49 -1.37 0.00	52.78 -1.52 0.00	57.23 -1.71 0.00	57.63 -1.72 0.00	55.40 -1.60 0.00	51.27 -1.48 0.00	48.48 -1.34 0.00	40.12 -1.03 0.00	35.78 -0.96 0.00
NM_CAPITAL___DRP 24208	32.65 0.16 0.00	29.47 0.26 0.00	28.49 0.25 0.00	27.69 0.25 0.00	28.06 0.25 0.00	29.50 0.26 0.00	35.72 0.21 0.00	40.22 0.04 0.00	39.91 0.20 0.07	40.62 0.04 0.28	39.32 -0.08 0.40	40.82 -0.13 0.76	41.15 -0.08 0.73	46.99 -0.24 1.33	47.90 -0.35 1.34	49.46 -0.36 1.05	53.22 -0.22 0.86	58.12 -0.18 0.65	58.81 -0.12 0.42	56.53 -0.23 0.24	52.54 -0.21 0.00	49.47 -0.35 0.00	40.77 -0.25 0.12	36.25 -0.18 0.30
NM_CENTRAL___DRP 24181	32.09 -0.39 0.00	28.85 -0.35 0.00	27.90 -0.34 0.00	27.11 -0.33 0.00	27.48 -0.33 0.00	28.85 -0.38 0.00	35.05 -0.46 0.00	39.74 -0.44 0.00	39.31 -0.48 0.00	40.54 -0.33 0.00	39.55 -0.24 0.00	41.54 -0.17 0.00	41.84 -0.13 0.00	48.47 -0.10 0.00	49.48 -0.10 0.00	50.70 -0.15 0.00	53.97 -0.33 0.00	58.53 -0.41 0.00	58.88 -0.47 0.00	56.54 -0.46 0.00	52.32 -0.42 0.00	49.47 -0.35 0.00	40.98 -0.16 0.00	36.52 -0.22 0.00

NM_FRONTIER___DRP 24179	31.74 -0.75 0.00	28.74 -0.47 0.00	27.82 -0.42 0.00	26.76 -0.69 0.00	27.12 -0.70 0.00	28.30 -0.94 0.00	33.70 -1.81 0.00	38.17 -2.01 0.00	36.88 -2.90 0.00	39.06 -1.80 0.00	38.28 -1.51 0.00	40.70 -1.00 0.00	41.04 -0.92 0.00	47.60 -0.97 0.00	48.78 -0.79 0.00	50.55 -0.31 0.00	53.27 -1.03 0.00	57.29 -1.65 0.00	57.57 -1.78 0.00	55.17 -1.82 0.00	51.22 -1.53 0.00	49.12 -0.70 0.00	41.35 0.21 0.00	36.88 0.15 0.00
NM_ST_REGIS___HYD 24053	33.69 1.20 0.00	30.31 1.11 0.00	29.26 1.02 0.00	28.46 1.02 0.00	28.81 1.00 0.00	30.37 1.14 0.00	36.96 1.46 0.00	42.15 1.97 0.00	41.74 1.95 0.00	42.86 2.00 0.00	41.82 2.03 0.00	43.71 2.00 0.00	43.64 1.68 0.00	50.66 2.09 0.00	51.66 2.08 0.00	52.99 2.14 0.00	56.31 2.01 0.00	61.07 2.12 0.00	61.61 2.26 0.00	59.33 2.34 0.00	54.96 2.22 0.00	51.91 2.09 0.00	42.71 1.56 0.00	38.32 1.58 0.00
NORTHPORT___1 23551	34.50 2.01 0.00	30.75 1.55 0.00	29.60 1.36 0.00	28.68 1.24 0.00	29.07 1.25 0.00	30.72 1.49 0.00	37.64 2.13 0.00	41.99 1.81 0.00	42.15 2.27 -0.10	42.90 1.68 -0.36	41.50 1.19 -0.51	43.18 0.50 -0.98	41.19 0.30 1.07	42.46 0.00 6.11	45.00 -0.05 4.53	48.70 -0.05 2.11	49.55 0.27 5.03	60.30 0.53 -0.83	60.18 0.30 -0.53	57.64 0.34 -0.30	53.22 0.47 0.00	49.72 -0.10 0.00	40.96 -0.33 -0.14	38.16 1.03 -0.39
NORTHPORT___2 23552	34.50 2.01 0.00	30.75 1.55 0.00	29.60 1.36 0.00	28.68 1.24 0.00	29.07 1.25 0.00	30.72 1.49 0.00	37.64 2.13 0.00	41.99 1.81 0.00	42.15 2.27 -0.10	42.90 1.68 -0.36	41.50 1.19 -0.51	43.18 0.50 -0.98	41.19 0.30 1.07	42.46 0.00 6.11	45.00 -0.05 4.53	48.70 -0.05 2.11	49.55 0.27 5.03	60.30 0.53 -0.83	60.18 0.30 -0.53	57.64 0.34 -0.30	53.22 0.47 0.00	49.72 -0.10 0.00	40.96 -0.33 -0.14	38.16 1.03 -0.39
NORTHPORT___3 23553	33.82 1.33 0.00	30.14 0.93 0.00	29.00 0.76 0.00	28.10 0.66 0.00	28.48 0.67 0.00	30.11 0.88 0.00	36.93 1.42 0.00	41.35 1.17 0.00	41.48 1.59 -0.10	42.29 1.06 -0.36	40.86 0.56 -0.51	42.64 -0.04 -0.98	40.91 0.00 1.06	42.22 -0.29 6.06	44.68 -0.40 4.50	48.36 -0.41 2.09	49.15 -0.16 4.99	59.72 -0.06 -0.83	59.59 -0.30 -0.53	56.90 -0.40 -0.30	52.43 -0.31 0.00	49.08 -0.75 0.00	40.63 -0.66 -0.14	37.71 0.59 -0.39
NORTHPORT___4 23650	33.82 1.33 0.00	30.14 0.93 0.00	29.00 0.76 0.00	28.10 0.66 0.00	28.48 0.67 0.00	30.11 0.88 0.00	36.93 1.42 0.00	41.35 1.17 0.00	41.48 1.59 -0.10	42.29 1.06 -0.36	40.86 0.56 -0.51	42.64 -0.04 -0.98	40.91 0.00 1.06	42.21 -0.29 6.07	44.68 -0.40 4.50	48.36 -0.41 2.09	49.14 -0.16 4.99	59.71 -0.06 -0.83	59.58 -0.30 -0.53	56.90 -0.40 -0.30	52.43 -0.31 0.00	49.07 -0.75 0.00	40.63 -0.66 -0.14	37.71 0.59 -0.39
NORTHPORT___IC 23718	34.50 2.01 0.00	30.75 1.55 0.00	29.60 1.36 0.00	28.68 1.23 0.00	29.32 1.50 0.00	30.72 1.49 0.00	37.64 2.13 0.00	42.19 2.01 0.00	42.19 2.31 -0.10	43.07 1.84 -0.36	41.74 1.43 -0.51	43.18 0.50 -0.98	41.23 0.34 1.07	42.41 -0.05 6.11	44.90 -0.15 4.53	48.60 -0.15 2.11	49.49 0.22 5.03	60.31 0.53 -0.83	60.24 0.36 -0.53	57.76 0.46 -0.30	53.33 0.58 0.00	50.12 0.30 0.00	41.08 -0.21 -0.14	38.34 1.21 -0.39
NORTH___COUNTRY_ESR 323785	33.13 0.65 0.00	29.79 0.58 0.00	28.78 0.54 0.00	27.99 0.55 0.00	28.34 0.53 0.00	29.87 0.64 0.00	36.26 0.75 0.00	41.15 0.96 0.00	40.74 0.95 0.00	41.80 0.94 0.00	40.75 0.95 0.00	42.62 0.92 0.00	42.80 0.84 0.00	49.44 0.88 0.00	50.37 0.79 0.00	51.67 0.81 0.00	55.00 0.70 0.00	59.65 0.71 0.00	60.12 0.77 0.00	57.79 0.80 0.00	53.54 0.79 0.00	50.72 0.90 0.00	41.93 0.78 0.00	37.47 0.73 0.00
NPX_GEN_1385_PROXY 323591	34.50 2.01 0.00	30.75 1.55 0.00	29.60 1.36 0.00	28.68 1.24 0.00	29.07 1.25 0.00	30.72 1.49 0.00	37.64 2.13 0.00	41.87 1.69 0.00	41.99 2.11 -0.10	42.29 1.06 -0.36	40.75 0.44 -0.51	42.64 -0.04 -0.98	40.77 -0.13 1.07	41.88 -0.58 6.11	44.55 -0.50 4.53	48.29 -0.46 2.11	49.27 0.00 5.03	60.01 0.24 -0.83	60.00 0.12 -0.53	57.64 0.34 -0.30	53.54 0.79 0.00	49.52 -0.30 0.00	40.80 -0.49 -0.14	37.75 0.62 -0.39
NPX_GEN_CSC 323557	34.04 1.56 0.00	30.31 1.11 0.00	29.23 0.99 0.00	28.32 0.88 0.00	28.68 0.86 0.00	30.34 1.11 0.00	37.18 1.67 0.00	41.51 1.32 0.00	41.71 1.83 -0.10	42.53 1.31 -0.36	41.34 1.03 -0.51	42.98 0.29 -0.98	41.22 0.30 1.04	42.53 -0.05 5.99	45.09 -0.05 4.44	48.65 -0.15 2.06	49.58 0.22 4.93	60.72 0.94 -0.83	60.18 0.30 -0.53	58.10 0.80 -0.30	53.96 1.21 0.00	50.37 0.55 0.00	40.80 -0.49 -0.14	37.83 0.70 -0.39
NSINS_S_GLNS_FALLS 23858	33.62 1.14 0.00	30.14 0.93 0.00	29.17 0.93 0.00	28.29 0.85 0.00	28.73 0.92 0.00	30.26 1.02 0.00	36.75 1.24 0.00	41.39 1.21 0.00	41.03 1.31 0.07	41.65 1.06 0.28	39.84 0.44 0.39	41.33 0.38 0.76	41.66 0.42 0.72	47.68 0.44 1.32	48.45 0.20 1.32	50.18 0.36 1.04	53.88 0.43 0.85	58.95 0.65 0.64	60.48 1.54 0.42	58.24 1.48 0.24	54.33 1.58 0.00	50.96 1.15 0.00	42.09 1.07 0.12	37.43 0.99 0.30
NUCOR_STEEL___DRP 24197	32.52 0.03 0.00	29.20 0.00 0.00	28.27 0.03 0.00	27.44 0.00 0.00	27.84 0.03 0.00	29.23 0.00 0.00	35.47 -0.04 0.00	40.30 0.12 0.00	39.71 -0.08 0.00	40.90 0.04 0.00	39.91 0.12 0.00	41.96 0.25 0.00	42.26 0.29 0.00	48.96 0.39 0.00	49.97 0.40 0.00	51.31 0.46 0.00	54.63 0.33 0.00	59.24 0.29 0.00	59.65 0.30 0.00	57.34 0.34 0.00	53.06 0.32 0.00	50.22 0.40 0.00	41.60 0.45 0.00	37.03 0.29 0.00
NUMBER_THREE_WT_PWR 323818	33.20 0.71 0.00	29.87 0.67 0.00	28.78 0.54 0.00	28.02 0.58 0.00	28.37 0.56 0.00	29.76 0.53 0.00	36.29 0.78 0.00	41.23 1.04 0.00	40.62 0.84 0.00	41.51 0.65 0.00	40.43 0.63 0.00	42.46 0.75 0.00	42.64 0.67 0.00	49.64 1.07 0.00	50.62 1.04 0.00	52.13 1.27 0.00	55.93 1.63 0.00	60.54 1.59 0.00	61.55 2.20 0.00	59.33 2.34 0.00	55.06 2.32 0.00	52.21 2.39 0.00	43.12 1.97 0.00	38.39 1.65 0.00
NYISO_LBMP_REFERENCE 24008	32.48 0.00 0.00	29.20 0.00 0.00	28.24 0.00 0.00	27.44 0.00 0.00	27.81 0.00 0.00	29.23 0.00 0.00	35.51 0.00 0.00	40.18 0.00 0.00	39.79 0.00 0.00	40.86 0.00 0.00	39.79 0.00 0.00	41.71 0.00 0.00	41.97 0.00 0.00	48.57 0.00 0.00	49.58 0.00 0.00	50.86 0.00 0.00	54.30 0.00 0.00	58.94 0.00 0.00	59.35 0.00 0.00	57.00 0.00 0.00	52.75 0.00 0.00	49.82 0.00 0.00	41.15 0.00 0.00	36.74 0.00 0.00
NYPA_BRENTWD____GT 24164	34.72 2.24 0.00	30.92 1.72 0.00	29.76 1.52 0.00	28.84 1.40 0.00	29.23 1.42 0.00	30.93 1.69 0.00	37.89 2.38 0.00	42.19 2.01 0.00	42.35 2.47 -0.10	43.19 1.96 -0.36	41.86 1.55 -0.51	43.64 0.96 -0.98	41.85 0.88 1.00	43.35 0.63 5.84	45.90 0.64 4.32	49.52 0.66 1.99	50.51 1.03 4.82	61.37 1.59 -0.83	61.19 1.30 -0.53	58.67 1.37 -0.30	54.17 1.42 0.00	50.67 0.85 0.00	41.66 0.37 -0.15	38.60 1.47 -0.39

NYPA_GOWANUS____GT5 24156	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NYPA_GOWANUS____GT6 24157	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.30 1.99 -0.51	44.81 2.13 -0.98	45.18 2.26 -0.95	52.42 2.13 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.79 3.00 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.23 1.10 -0.39
NYPA_HARLEM__RVR__GT1 24160	33.69 1.20 0.00	30.16 0.96 0.01	29.02 0.79 0.01	28.12 0.69 0.01	28.50 0.70 0.01	30.01 0.79 0.01	36.88 1.38 0.01	41.74 1.57 0.01	41.86 1.99 -0.09	43.01 1.80 -0.36	42.09 1.79 -0.51	44.51 1.83 -0.98	44.87 1.97 -0.93	51.98 1.70 -1.71	53.03 1.73 -1.72	53.98 1.78 -1.34	57.58 2.17 -1.10	62.13 2.36 -0.83	61.73 1.84 -0.54	58.73 1.43 -0.30	53.95 1.21 0.01	50.86 1.05 0.00	42.33 1.03 -0.15	37.97 0.85 -0.39
NYPA_HARLEM__RVR__GT2 24161	33.69 1.20 0.00	30.16 0.96 0.01	29.02 0.79 0.01	28.12 0.69 0.01	28.50 0.70 0.01	30.01 0.79 0.01	36.88 1.38 0.01	41.74 1.57 0.01	41.86 1.99 -0.09	43.01 1.80 -0.36	42.09 1.79 -0.51	44.51 1.83 -0.98	44.87 1.97 -0.93	51.98 1.70 -1.71	53.03 1.73 -1.72	53.98 1.78 -1.34	57.58 2.17 -1.10	62.13 2.36 -0.83	61.73 1.84 -0.54	58.73 1.43 -0.30	53.95 1.21 0.01	50.86 1.05 0.00	42.33 1.03 -0.15	37.97 0.85 -0.39
NYPA_KENT____GT 24152	33.85 1.36 0.00	30.31 1.11 0.00	29.17 0.93 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.14 0.91 0.00	37.07 1.56 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.30 1.99 -0.51	44.77 2.08 -0.98	45.14 2.22 -0.95	52.33 2.04 -1.72	53.43 2.13 -1.72	54.39 2.19 -1.35	58.07 2.66 -1.11	62.61 2.83 -0.84	62.27 2.38 -0.54	59.30 1.99 -0.31	54.43 1.69 0.00	51.27 1.45 0.00	42.62 1.32 -0.16	38.19 1.07 -0.39
NYPA_POUCH1____GT 24155	33.88 1.40 0.00	30.28 1.08 0.00	29.12 0.88 0.00	28.18 0.74 0.00	28.56 0.75 0.00	30.05 0.82 0.00	36.97 1.46 0.00	41.87 1.69 0.00	42.03 2.15 -0.10	43.19 1.96 -0.36	42.26 1.95 -0.51	44.73 2.04 -0.98	45.14 2.22 -0.95	52.38 2.09 -1.72	53.48 2.18 -1.72	54.50 2.29 -1.35	58.18 2.77 -1.11	62.73 2.95 -0.84	62.39 2.49 -0.54	59.36 2.05 -0.31	54.48 1.74 0.00	51.37 1.55 0.00	42.66 1.36 -0.16	38.19 1.07 -0.39
NYPA_VERNON____GT2 24162	33.85 1.36 0.00	30.31 1.11 0.00	29.17 0.93 0.00	28.26 0.82 0.00	28.68 0.86 0.00	30.17 0.94 0.00	37.11 1.60 0.00	41.99 1.81 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.30 1.99 -0.51	44.73 2.04 -0.98	45.10 2.18 -0.95	52.28 2.09 -1.72	53.34 2.03 -1.72	54.29 2.09 -1.35	57.91 2.50 -1.11	62.50 2.71 -0.84	62.15 2.25 -0.54	59.19 1.88 -0.31	54.33 1.58 0.00	51.17 1.35 0.00	42.58 1.28 -0.16	38.16 1.03 -0.39
NYPA_VERNON____GT3 24163	33.85 1.36 0.00	30.31 1.11 0.00	29.17 0.93 0.00	28.26 0.82 0.00	28.68 0.86 0.00	30.17 0.94 0.00	37.11 1.60 0.00	41.99 1.81 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.30 1.99 -0.51	44.73 2.04 -0.98	45.10 2.18 -0.95	52.28 2.09 -1.72	53.34 2.03 -1.72	54.29 2.09 -1.35	57.91 2.50 -1.11	62.50 2.71 -0.84	62.15 2.25 -0.54	59.19 1.88 -0.31	54.33 1.58 0.00	51.17 1.35 0.00	42.58 1.28 -0.16	38.16 1.03 -0.39
NYPA__ASTORIA_CC1 323568	33.79 1.30 0.00	30.25 1.05 0.00	29.12 0.88 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.14 0.91 0.00	37.00 1.49 0.00	41.87 1.69 0.00	42.03 2.15 -0.10	43.19 1.96 -0.36	42.22 1.91 -0.51	44.65 1.96 -0.98	45.01 2.10 -0.95	52.18 1.89 -1.72	53.23 1.93 -1.72	54.19 1.98 -1.35	57.80 2.39 -1.11	62.37 2.59 -0.84	62.03 2.13 -0.54	59.02 1.71 -0.31	54.17 1.42 0.00	51.01 1.19 0.00	42.46 1.15 -0.16	38.08 0.95 -0.39
NYPA__ASTORIA_CC2 323569	33.79 1.30 0.00	30.25 1.05 0.00	29.12 0.88 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.14 0.91 0.00	37.00 1.49 0.00	41.87 1.69 0.00	42.03 2.15 -0.10	43.19 1.96 -0.36	42.22 1.91 -0.51	44.65 1.96 -0.98	45.01 2.10 -0.95	52.18 1.89 -1.72	53.23 1.93 -1.72	54.19 1.98 -1.35	57.80 2.39 -1.11	62.37 2.59 -0.84	62.03 2.13 -0.54	59.02 1.71 -0.31	54.17 1.42 0.00	51.01 1.19 0.00	42.46 1.15 -0.16	38.08 0.95 -0.39
NYPA__HOLTSVILL 23794	34.37 1.88 0.00	30.63 1.43 0.00	29.51 1.27 0.00	28.59 1.15 0.00	28.95 1.14 0.00	30.64 1.40 0.00	37.53 2.02 0.00	41.87 1.69 0.00	42.07 2.19 -0.10	42.90 1.68 -0.36	41.62 1.31 -0.51	43.27 0.58 -0.98	41.51 0.59 1.04	42.86 0.29 6.00	45.43 0.30 4.45	49.00 0.20 2.06	49.96 0.60 4.94	60.72 0.94 -0.83	60.54 0.65 -0.53	58.16 0.86 -0.30	53.75 1.00 0.00	50.22 0.40 0.00	41.17 -0.12 -0.14	38.19 1.07 -0.39
NYPA__HELLGATE_GT1 24158	33.69 1.20 0.00	30.16 0.96 0.01	29.02 0.79 0.01	28.12 0.69 0.01	28.50 0.70 0.01	30.01 0.79 0.01	36.88 1.38 0.01	41.74 1.57 0.01	41.86 1.99 -0.09	43.01 1.80 -0.36	42.09 1.79 -0.51	44.51 1.83 -0.98	44.87 1.97 -0.93	51.98 1.70 -1.71	53.03 1.73 -1.72	53.98 1.78 -1.34	57.58 2.17 -1.10	62.13 2.36 -0.83	61.73 1.84 -0.54	58.73 1.43 -0.30	53.95 1.21 0.01	50.86 1.05 0.00	42.33 1.03 -0.15	37.97 0.85 -0.39
NYPA__HELLGATE_GT2 24159	33.69 1.20 0.00	30.16 0.96 0.01	29.02 0.79 0.01	28.12 0.69 0.01	28.50 0.70 0.01	30.01 0.79 0.01	36.88 1.38 0.01	41.74 1.57 0.01	41.86 1.99 -0.09	43.01 1.80 -0.36	42.09 1.79 -0.51	44.51 1.83 -0.98	44.87 1.97 -0.93	51.98 1.70 -1.71	53.03 1.73 -1.72	53.98 1.78 -1.34	57.58 2.17 -1.10	62.13 2.36 -0.83	61.73 1.84 -0.54	58.73 1.43 -0.30	53.95 1.21 0.01	50.86 1.05 0.00	42.33 1.03 -0.15	37.97 0.85 -0.39
NYS_BARGE____HYD 23848	32.39 -0.10 0.00	29.11 -0.09 0.00	28.18 -0.06 0.00	27.33 -0.11 0.00	27.73 -0.08 0.00	29.14 -0.09 0.00	34.55 -0.96 0.00	39.18 -1.00 0.00	37.96 -1.83 0.00	40.29 -0.57 0.00	39.40 -0.40 0.00	41.83 0.13 0.00	42.09 0.13 0.00	48.91 0.34 0.00	50.27 0.69 0.00	51.77 0.92 0.00	54.84 0.54 0.00	58.94 0.00 0.00	59.23 -0.12 0.00	56.88 -0.11 0.00	52.69 -0.05 0.00	50.91 1.09 0.00	42.42 1.28 0.00	38.10 1.36 0.00
OAK ORCHARD____HYD 24046	32.65 0.16 0.00	29.32 0.12 0.00	28.38 0.14 0.00	27.50 0.05 0.00	27.93 0.11 0.00	29.29 0.06 0.00	35.19 -0.32 0.00	40.02 -0.16 0.00	39.19 -0.60 0.00	41.03 0.16 0.00	40.11 0.32 0.00	42.37 0.67 0.00	42.64 0.67 0.00	49.49 0.92 0.00	50.77 1.19 0.00	52.13 1.27 0.00	55.39 1.09 0.00	59.77 0.82 0.00	60.01 0.65 0.00	57.68 0.69 0.00	53.43 0.68 0.00	51.11 1.29 0.00	42.34 1.19 0.00	37.69 0.95 0.00

OAKDALE___35_KV_LOAD 356122	32.55 0.06 0.00	29.26 0.06 0.00	28.33 0.08 0.00	27.52 0.08 0.00	27.92 0.11 0.00	29.29 0.06 0.00	35.51 0.00 0.00	40.30 0.12 0.00	39.71 -0.08 0.00	41.03 0.16 0.00	40.03 0.24 0.00	42.08 0.38 0.00	42.43 0.46 0.00	49.10 0.53 0.00	50.07 0.50 0.00	51.47 0.61 0.00	54.90 0.60 0.00	59.47 0.53 0.00	59.83 0.47 0.00	57.51 0.51 0.00	53.17 0.42 0.00	50.32 0.50 0.00	41.72 0.58 0.00	37.14 0.40 0.00
OCC_CHEM___DRP 24175	31.80 -0.68 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	26.81 -0.63 0.00	27.17 -0.64 0.00	28.36 -0.88 0.00	33.77 -1.74 0.00	38.30 -1.89 0.00	37.00 -2.79 0.00	39.19 -1.68 0.00	38.40 -1.39 0.00	40.83 -0.88 0.00	41.17 -0.80 0.00	47.74 -0.83 0.00	48.93 -0.64 0.00	50.70 -0.15 0.00	53.43 -0.87 0.00	57.47 -1.47 0.00	57.69 -1.66 0.00	55.34 -1.65 0.00	51.32 -1.42 0.00	49.27 -0.55 0.00	41.47 0.33 0.00	36.99 0.26 0.00
OH_GEN_PROXY 24063	32.03 -0.45 0.00	28.91 -0.29 0.00	27.96 -0.28 0.00	27.14 -0.30 0.00	27.51 -0.31 0.00	28.76 -0.47 0.00	34.27 -1.24 0.00	38.78 -1.41 0.00	37.56 -2.23 0.00	39.80 -1.06 0.00	38.92 -0.88 0.00	41.29 -0.42 0.00	41.55 -0.42 0.00	48.23 -0.34 0.00	49.53 -0.05 0.00	51.01 0.15 0.00	54.08 -0.22 0.00	58.18 -0.77 0.00	58.46 -0.89 0.00	56.08 -0.91 0.00	52.06 -0.69 0.00	50.21 0.40 0.00	41.89 0.74 0.00	37.43 0.70 0.00
OLIN_CORP_DRP 24177	31.87 -0.62 0.00	28.82 -0.38 0.00	27.90 -0.34 0.00	27.25 -0.19 0.00	27.62 -0.19 0.00	28.82 -0.41 0.00	34.09 -1.42 0.00	38.70 -1.49 0.00	37.40 -2.39 0.00	39.60 -1.27 0.00	38.80 -0.99 0.00	41.25 -0.46 0.00	41.59 -0.38 0.00	48.23 -0.34 0.00	49.48 -0.10 0.00	51.26 0.41 0.00	54.03 -0.27 0.00	58.12 -0.83 0.00	58.40 -0.95 0.00	56.03 -0.97 0.00	51.96 -0.79 0.00	49.82 0.00 0.00	41.89 0.74 0.00	37.54 0.81 0.00
OLIN_CORP_DSASP 323712	31.64 -0.84 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	27.03 -0.41 0.00	27.40 -0.42 0.00	28.41 -0.82 0.00	33.84 -1.67 0.00	38.30 -1.89 0.00	37.04 -2.74 0.00	39.35 -1.51 0.00	38.44 -1.35 0.00	40.83 -0.88 0.00	41.08 -0.88 0.00	47.70 -0.87 0.00	49.03 -0.54 0.00	50.45 -0.41 0.00	53.43 -0.87 0.00	57.47 -1.47 0.00	57.69 -1.66 0.00	55.34 -1.65 0.00	51.37 -1.37 0.00	49.67 -0.15 0.00	41.47 0.33 0.00	37.10 0.37 0.00
ONEIDA_HERK_LFGE 323681	33.13 0.65 0.00	29.79 0.58 0.00	28.78 0.54 0.00	27.96 0.52 0.00	28.34 0.53 0.00	29.76 0.53 0.00	36.26 0.75 0.00	41.15 0.96 0.00	40.62 0.84 0.00	41.64 0.77 0.00	40.59 0.80 0.00	42.58 0.88 0.00	42.80 0.84 0.00	49.73 1.16 0.00	50.72 1.14 0.00	52.13 1.27 0.00	55.77 1.47 0.00	60.36 1.41 0.00	61.19 1.84 0.00	58.82 1.82 0.00	54.54 1.79 0.00	51.56 1.74 0.00	42.55 1.40 0.00	37.91 1.18 0.00
ONEIDA___115KV_TB4 55905	33.17 0.68 0.00	29.82 0.61 0.00	28.81 0.56 0.00	27.99 0.55 0.00	28.40 0.58 0.00	29.82 0.58 0.00	36.29 0.78 0.00	41.19 1.00 0.00	40.66 0.88 0.00	41.72 0.86 0.00	40.71 0.92 0.00	42.75 1.04 0.00	43.01 1.05 0.00	49.88 1.31 0.00	50.87 1.29 0.00	52.28 1.42 0.00	55.82 1.52 0.00	60.42 1.47 0.00	61.13 1.78 0.00	58.76 1.77 0.00	54.43 1.69 0.00	51.36 1.54 0.00	42.42 1.28 0.00	37.76 1.03 0.00
ONONDAGA_REF_OCCRA 23987	32.22 -0.26 0.00	28.94 -0.26 0.00	28.01 -0.23 0.00	27.20 -0.25 0.00	27.59 -0.22 0.00	28.97 -0.26 0.00	35.19 -0.32 0.00	39.94 -0.24 0.00	39.47 -0.32 0.00	40.66 -0.20 0.00	39.67 -0.12 0.00	41.66 -0.04 0.00	42.01 0.04 0.00	48.62 0.05 0.00	49.63 0.05 0.00	50.91 0.05 0.00	54.25 -0.05 0.00	58.77 -0.18 0.00	59.17 -0.18 0.00	56.88 -0.11 0.00	52.59 -0.16 0.00	49.67 -0.15 0.00	41.19 0.04 0.00	36.66 -0.07 0.00
ONONDAGA___COGEN 23986	32.26 -0.23 0.00	29.00 -0.20 0.00	28.04 -0.20 0.00	27.25 -0.19 0.00	27.62 -0.19 0.00	29.00 -0.23 0.00	35.22 -0.28 0.00	39.98 -0.20 0.00	39.47 -0.32 0.00	40.70 -0.16 0.00	39.71 -0.08 0.00	41.71 0.00 0.00	42.01 0.04 0.00	48.67 0.10 0.00	49.68 0.10 0.00	50.96 0.10 0.00	54.25 -0.05 0.00	58.77 -0.18 0.00	59.11 -0.24 0.00	56.82 -0.17 0.00	52.59 -0.16 0.00	49.72 -0.10 0.00	41.19 0.04 0.00	36.66 -0.07 0.00
ONTARIO___LFGE 23819	32.71 0.23 0.00	29.38 0.18 0.00	28.44 0.20 0.00	27.61 0.17 0.00	28.04 0.22 0.00	29.46 0.23 0.00	35.69 0.18 0.00	40.67 0.48 0.00	39.91 0.12 0.00	41.43 0.57 0.00	40.43 0.63 0.00	42.58 0.88 0.00	42.93 0.97 0.00	49.59 1.02 0.00	50.72 1.14 0.00	52.13 1.27 0.00	55.49 1.19 0.00	60.06 1.12 0.00	60.42 1.07 0.00	58.13 1.14 0.00	53.80 1.05 0.00	51.06 1.25 0.00	42.42 1.28 0.00	37.76 1.03 0.00
ORANGEVILLE_WT_PWR 323706	31.96 -0.52 0.00	28.85 -0.35 0.00	27.87 -0.37 0.00	27.17 -0.27 0.00	27.56 -0.25 0.00	28.91 -0.32 0.00	34.69 -0.82 0.00	39.46 -0.72 0.00	38.48 -1.31 0.00	40.58 -0.28 0.00	39.67 -0.12 0.00	41.96 0.25 0.00	42.30 0.33 0.00	49.10 0.54 0.00	50.37 0.79 0.00	51.87 1.02 0.00	55.06 0.76 0.00	59.30 0.36 0.00	59.59 0.24 0.00	57.28 0.29 0.00	53.01 0.27 0.00	50.87 1.05 0.00	42.38 1.23 0.00	37.84 1.10 0.00
ORANGEVILLE___ESR 323794	31.96 -0.52 0.00	28.85 -0.35 0.00	27.87 -0.37 0.00	27.17 -0.27 0.00	27.56 -0.25 0.00	28.91 -0.32 0.00	34.69 -0.82 0.00	39.46 -0.72 0.00	38.48 -1.31 0.00	40.58 -0.28 0.00	39.67 -0.12 0.00	41.96 0.25 0.00	42.30 0.33 0.00	49.10 0.54 0.00	50.37 0.79 0.00	51.87 1.02 0.00	55.06 0.76 0.00	59.30 0.36 0.00	59.59 0.24 0.00	57.28 0.29 0.00	53.01 0.27 0.00	50.87 1.05 0.00	42.38 1.23 0.00	37.84 1.10 0.00
OSWEGATCHIE___HYD 24044	33.49 1.01 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.26 0.82 0.00	28.62 0.81 0.00	30.11 0.88 0.00	36.68 1.17 0.00	41.71 1.53 0.00	41.14 1.35 0.00	42.09 1.22 0.00	40.99 1.19 0.00	42.96 1.25 0.00	43.10 1.13 0.00	50.08 1.51 0.00	51.02 1.44 0.00	52.44 1.58 0.00	55.82 1.52 0.00	60.24 1.30 0.00	61.13 1.78 0.00	58.93 1.94 0.00	54.70 1.95 0.00	52.06 2.24 0.00	43.04 1.89 0.00	38.39 1.65 0.00
OSWEGO___5 23606	31.74 -0.75 0.00	28.53 -0.67 0.00	27.59 -0.65 0.00	26.81 -0.63 0.00	27.20 -0.61 0.00	28.56 -0.67 0.00	34.62 -0.89 0.00	39.22 -0.96 0.00	38.75 -1.03 0.00	39.96 -0.90 0.00	38.96 -0.84 0.00	40.87 -0.83 0.00	41.13 -0.84 0.00	47.64 -0.92 0.00	48.63 -0.94 0.00	49.89 -0.97 0.00	53.16 -1.14 0.00	57.70 -1.24 0.00	58.10 -1.25 0.00	55.80 -1.20 0.00	51.69 -1.05 0.00	48.87 -0.95 0.00	40.45 -0.70 0.00	36.08 -0.66 0.00
OSWEGO___6 23613	31.74 -0.75 0.00	28.53 -0.67 0.00	27.59 -0.65 0.00	26.81 -0.63 0.00	27.20 -0.61 0.00	28.56 -0.67 0.00	34.62 -0.89 0.00	39.22 -0.96 0.00	38.75 -1.03 0.00	39.96 -0.90 0.00	38.96 -0.84 0.00	40.87 -0.83 0.00	41.13 -0.84 0.00	47.64 -0.92 0.00	48.63 -0.94 0.00	49.89 -0.97 0.00	53.16 -1.14 0.00	57.70 -1.24 0.00	58.10 -1.25 0.00	55.80 -1.20 0.00	51.69 -1.05 0.00	48.87 -0.95 0.00	40.45 -0.70 0.00	36.08 -0.66 0.00

OUTOKUMPU-AB___DRP 24206	32.32 -0.16 0.00	29.23 0.03 0.00	28.30 0.06 0.00	27.41 -0.03 0.00	27.79 -0.03 0.00	29.00 -0.23 0.00	34.55 -0.96 0.00	39.30 -0.88 0.00	38.08 -1.71 0.00	40.37 -0.49 0.00	39.59 -0.20 0.00	42.08 0.38 0.00	42.47 0.50 0.00	49.30 0.73 0.00	50.52 0.94 0.00	52.38 1.53 0.00	55.17 0.87 0.00	59.30 0.35 0.00	59.59 0.24 0.00	57.11 0.11 0.00	52.90 0.16 0.00	50.66 0.85 0.00	42.59 1.44 0.00	37.98 1.25 0.00
OXBOW___BTM 323836	32.03 -0.45 0.00	29.06 -0.15 0.00	28.13 -0.11 0.00	27.28 -0.16 0.00	27.68 -0.14 0.00	28.79 -0.44 0.00	34.27 -1.24 0.00	38.86 -1.33 0.00	37.64 -2.15 0.00	40.00 -0.86 0.00	39.15 -0.64 0.00	41.58 -0.12 0.00	41.84 -0.13 0.00	48.62 0.05 0.00	49.97 0.39 0.00	51.47 0.61 0.00	54.46 0.16 0.00	58.53 -0.41 0.00	58.82 -0.54 0.00	56.43 -0.57 0.00	52.27 -0.48 0.00	50.46 0.65 0.00	42.13 0.99 0.00	37.69 0.95 0.00
OXBOW___ 24026	32.09 -0.39 0.00	29.06 -0.15 0.00	28.13 -0.11 0.00	27.17 -0.27 0.00	27.54 -0.28 0.00	28.74 -0.50 0.00	34.20 -1.31 0.00	38.86 -1.33 0.00	37.60 -2.19 0.00	39.88 -0.98 0.00	39.12 -0.68 0.00	41.58 -0.13 0.00	41.92 -0.04 0.00	48.67 0.10 0.00	49.88 0.30 0.00	51.72 0.86 0.00	54.46 0.16 0.00	58.53 -0.41 0.00	58.82 -0.53 0.00	56.37 -0.63 0.00	52.27 -0.47 0.00	50.07 0.25 0.00	42.13 0.99 0.00	37.58 0.84 0.00
OXY_CHEM_DSASP 323612	31.80 -0.68 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	26.81 -0.63 0.00	27.17 -0.64 0.00	28.36 -0.88 0.00	33.77 -1.74 0.00	38.30 -1.89 0.00	37.00 -2.79 0.00	39.19 -1.68 0.00	38.40 -1.39 0.00	40.83 -0.88 0.00	41.17 -0.80 0.00	47.74 -0.83 0.00	48.93 -0.64 0.00	50.70 -0.15 0.00	53.43 -0.87 0.00	57.47 -1.47 0.00	57.69 -1.66 0.00	55.34 -1.65 0.00	51.32 -1.42 0.00	49.27 -0.55 0.00	41.47 0.33 0.00	36.99 0.26 0.00
OZONE_PARK_ESR 323760	34.14 1.66 0.00	30.55 1.34 0.00	29.43 1.19 0.00	28.54 1.10 0.00	28.95 1.14 0.00	30.49 1.26 0.00	37.50 1.99 0.00	42.35 2.17 0.00	42.39 2.51 -0.10	43.60 2.37 -0.36	42.57 2.27 -0.51	44.94 2.25 -0.98	45.34 2.43 -0.94	52.62 2.33 -1.72	53.58 2.28 -1.72	54.55 2.34 -1.35	58.40 2.99 -1.11	63.02 3.24 -0.84	62.86 2.97 -0.54	59.99 2.68 -0.31	55.01 2.27 0.00	51.91 2.09 0.00	43.03 1.73 -0.16	38.60 1.47 -0.39
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.80 -0.68 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	26.81 -0.63 0.00	27.17 -0.64 0.00	28.36 -0.88 0.00	33.77 -1.74 0.00	38.30 -1.89 0.00	37.00 -2.79 0.00	39.19 -1.68 0.00	38.40 -1.39 0.00	40.83 -0.88 0.00	41.17 -0.80 0.00	47.74 -0.83 0.00	48.93 -0.64 0.00	50.70 -0.15 0.00	53.43 -0.87 0.00	57.47 -1.47 0.00	57.69 -1.66 0.00	55.34 -1.65 0.00	51.32 -1.42 0.00	49.27 -0.55 0.00	41.47 0.33 0.00	36.99 0.26 0.00
PACKARD___115KV_DUPONT_184 80571	31.80 -0.68 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	26.81 -0.63 0.00	27.17 -0.64 0.00	28.36 -0.88 0.00	33.77 -1.74 0.00	38.30 -1.89 0.00	37.00 -2.79 0.00	39.19 -1.68 0.00	38.40 -1.39 0.00	40.83 -0.88 0.00	41.17 -0.80 0.00	47.74 -0.83 0.00	48.93 -0.64 0.00	50.70 -0.15 0.00	53.43 -0.87 0.00	57.47 -1.47 0.00	57.69 -1.66 0.00	55.34 -1.65 0.00	51.32 -1.42 0.00	49.27 -0.55 0.00	41.47 0.33 0.00	36.99 0.26 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.65 1.17 0.00	30.14 0.93 0.00	29.00 0.76 0.00	28.10 0.66 0.00	28.54 0.72 0.00	30.02 0.79 0.00	36.93 1.42 0.00	41.71 1.53 0.00	41.87 1.99 -0.10	43.07 1.84 -0.36	42.10 1.79 -0.51	44.52 1.84 -0.98	44.91 2.01 -0.93	51.99 1.70 -1.72	52.94 1.64 -1.72	53.88 1.68 -1.35	57.64 2.23 -1.11	62.14 2.36 -0.84	61.80 1.90 -0.54	58.85 1.54 -0.31	54.01 1.27 0.00	51.02 1.20 0.00	42.38 1.07 -0.16	37.97 0.84 -0.39
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.21 1.72 0.00	30.63 1.43 0.00	29.48 1.24 0.00	28.57 1.13 0.00	28.98 1.17 0.00	30.49 1.26 0.00	37.53 2.02 0.00	42.39 2.21 0.00	42.55 2.67 -0.10	43.68 2.45 -0.36	42.73 2.43 -0.51	45.15 2.46 -0.98	45.54 2.64 -0.93	52.77 2.48 -1.72	53.73 2.43 -1.72	54.70 2.49 -1.35	58.51 3.10 -1.11	63.14 3.36 -0.84	62.80 2.91 -0.54	59.82 2.51 -0.31	54.91 2.16 0.00	51.86 2.04 0.00	43.08 1.77 -0.16	38.60 1.47 -0.39
PATROON___115KV_TB1 80586	32.68 0.19 0.00	29.47 0.26 0.00	28.52 0.28 0.00	27.69 0.25 0.00	28.09 0.28 0.00	29.52 0.29 0.00	35.72 0.21 0.00	40.26 0.08 0.00	39.96 0.24 0.07	40.68 0.08 0.26	39.38 -0.04 0.37	40.87 -0.13 0.71	41.25 -0.04 0.68	47.14 -0.19 1.24	48.04 -0.30 1.24	49.58 -0.31 0.97	53.28 -0.22 0.80	58.22 -0.12 0.60	58.90 -0.06 0.39	56.66 -0.11 0.22	52.59 -0.16 0.00	49.52 -0.30 0.00	40.87 -0.16 0.12	36.31 -0.15 0.28
PATTRSNVILLE___SOLAR 323815	33.43 0.94 0.00	29.99 0.79 0.00	29.03 0.79 0.00	28.18 0.74 0.00	28.59 0.78 0.00	30.08 0.85 0.00	36.54 1.03 0.00	41.19 1.01 0.00	40.73 1.00 0.05	41.43 0.77 0.20	40.06 0.56 0.29	41.70 0.54 0.55	42.03 0.59 0.53	48.19 0.58 0.96	49.21 0.60 0.96	50.72 0.61 0.75	54.49 0.82 0.62	59.59 1.12 0.47	60.47 1.42 0.30	58.25 1.43 0.17	54.12 1.37 0.00	50.91 1.09 0.00	42.04 0.99 0.09	37.36 0.85 0.22
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.00 -0.49 0.00	28.91 -0.29 0.00	27.99 -0.25 0.00	27.25 -0.19 0.00	27.62 -0.19 0.00	28.85 -0.38 0.00	34.48 -1.03 0.00	39.30 -0.88 0.00	38.16 -1.63 0.00	40.33 -0.53 0.00	39.59 -0.20 0.00	42.04 0.33 0.00	42.47 0.50 0.00	49.30 0.73 0.00	50.47 0.89 0.00	52.33 1.47 0.00	55.28 0.98 0.00	59.42 0.47 0.00	59.71 0.36 0.00	57.28 0.28 0.00	52.96 0.21 0.00	50.57 0.75 0.00	42.42 1.28 0.00	37.80 1.07 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.82 1.33 0.00	30.28 1.08 0.00	29.23 0.99 0.00	28.40 0.96 0.00	28.81 1.00 0.00	30.26 1.02 0.00	37.07 1.56 0.00	41.79 1.61 0.00	41.74 1.87 -0.09	42.95 1.76 -0.33	41.93 1.67 -0.46	44.26 1.67 -0.89	44.54 1.72 -0.85	51.92 1.80 -1.55	52.82 1.69 -1.56	53.80 1.73 -1.22	57.31 2.01 -1.00	62.12 2.42 -0.76	62.10 2.26 -0.49	59.39 2.11 -0.28	54.54 1.79 0.00	51.37 1.54 0.00	42.52 1.23 -0.14	38.16 1.07 -0.35
PEEKSKILL___ 23653	33.59 1.11 0.00	30.11 0.91 0.00	29.03 0.79 0.00	28.21 0.77 0.00	28.59 0.78 0.00	30.05 0.82 0.00	36.82 1.31 0.00	41.55 1.37 0.00	41.51 1.63 -0.09	42.68 1.47 -0.35	41.68 1.39 -0.49	43.98 1.33 -0.94	44.30 1.43 -0.90	51.57 1.36 -1.65	52.57 1.34 -1.65	53.52 1.37 -1.29	57.10 1.74 -1.07	61.69 1.94 -0.80	61.60 1.72 -0.52	58.83 1.54 -0.30	54.07 1.32 0.00	50.87 1.05 0.00	42.20 0.90 -0.15	37.88 0.77 -0.38
PGE MADISON___WINDPWR 24146	34.20 1.72 0.00	30.75 1.55 0.00	29.65 1.41 0.00	28.87 1.43 0.00	29.29 1.47 0.00	30.78 1.55 0.00	37.64 2.13 0.00	42.92 2.73 0.00	43.82 4.02 -0.01	45.13 4.21 -0.05	44.32 4.46 -0.08	46.81 4.96 -0.15	46.89 4.78 -0.14	54.89 6.07 -0.25	55.68 5.85 -0.25	57.31 6.25 -0.20	61.03 6.57 -0.16	65.38 6.31 -0.12	66.79 7.36 -0.08	63.88 6.84 -0.05	59.13 6.38 0.00	55.74 5.93 0.00	45.94 4.77 -0.02	40.83 4.04 -0.06

PIERCEFIELD___HYD 23852	33.65 1.17 0.00	30.28 1.08 0.00	29.23 0.99 0.00	28.43 0.99 0.00	28.79 0.97 0.00	30.34 1.11 0.00	36.93 1.42 0.00	41.95 1.77 0.00	41.46 1.67 0.00	42.46 1.59 0.00	41.34 1.55 0.00	43.25 1.54 0.00	43.31 1.34 0.00	50.27 1.70 0.00	51.31 1.74 0.00	52.69 1.83 0.00	55.77 1.47 0.00	60.06 1.12 0.00	60.78 1.42 0.00	58.53 1.54 0.00	54.28 1.53 0.00	51.71 1.89 0.00	42.79 1.65 0.00	38.32 1.58 0.00
PINELAWN_CC_1 323563	34.47 1.98 0.00	30.72 1.52 0.00	29.57 1.33 0.00	28.65 1.21 0.00	29.04 1.22 0.00	30.69 1.46 0.00	37.28 1.77 0.00	41.59 1.41 0.00	41.68 1.79 -0.10	42.53 1.31 -0.36	41.26 0.95 -0.51	43.10 0.42 -0.98	41.57 0.42 0.81	43.60 0.15 5.11	46.09 0.25 3.74	49.44 0.26 1.67	50.65 0.60 4.25	60.37 0.59 -0.83	60.30 0.42 -0.53	57.64 0.34 -0.31	53.17 0.42 0.00	50.02 0.20 0.00	41.62 0.33 -0.15	38.38 1.25 -0.39
PJM_GEN_HTTP_PROXY 323702	33.82 1.33 0.00	30.28 1.08 0.00	29.17 0.93 0.00	28.32 0.88 0.00	28.70 0.89 0.00	30.23 0.99 0.00	37.14 1.63 0.00	41.95 1.77 0.00	41.95 2.07 -0.10	43.15 1.92 -0.36	42.10 1.79 -0.51	44.48 1.79 -0.98	44.80 1.89 -0.94	52.09 1.80 -1.72	53.08 1.78 -1.72	54.03 1.83 -1.35	57.69 2.28 -1.11	62.31 2.53 -0.84	62.15 2.25 -0.54	59.25 1.94 -0.31	54.38 1.64 0.00	51.17 1.35 0.00	42.50 1.19 -0.16	38.16 1.03 -0.39
PJM_GEN_KEystone 24065	32.71 0.23 0.00	29.41 0.21 0.00	28.38 0.14 0.00	27.58 0.14 0.00	27.95 0.14 0.00	29.32 0.09 0.00	35.58 0.07 0.00	40.26 0.08 0.00	39.72 -0.12 -0.05	41.25 0.21 -0.19	40.29 0.24 -0.26	42.58 0.37 -0.50	42.86 0.42 -0.48	49.83 0.39 -0.88	50.90 0.45 -0.88	52.10 0.56 -0.69	55.57 0.70 -0.57	59.96 0.59 -0.43	60.05 0.42 -0.28	57.56 0.40 -0.16	53.06 0.32 0.00	50.32 0.50 0.00	41.85 0.62 -0.08	37.41 0.48 -0.20
PJM_GEN_NEPTUNE_PROXY 323594	34.04 1.56 0.00	30.37 1.17 0.00	29.23 0.99 0.00	28.35 0.90 0.00	28.73 0.92 0.00	30.34 1.11 0.00	37.18 1.67 0.00	41.63 1.44 0.00	41.79 1.91 -0.10	42.70 1.47 -0.36	41.50 1.19 -0.51	43.43 0.75 -0.98	41.57 0.80 1.19	42.57 0.58 6.58	45.26 0.60 4.91	49.10 0.56 2.32	49.82 0.92 5.40	60.84 1.06 -0.83	60.71 0.83 -0.53	57.99 0.69 -0.30	53.43 0.68 0.00	50.07 0.25 0.00	41.41 0.12 -0.14	37.97 0.85 -0.39
PJM_GEN_VFT_PROXY 323633	33.72 1.23 0.00	30.20 0.99 0.00	29.09 0.85 0.00	28.21 0.77 0.00	28.59 0.78 0.00	30.11 0.88 0.00	37.03 1.53 0.00	41.83 1.65 0.00	41.87 1.99 -0.10	43.07 1.84 -0.36	41.98 1.67 -0.51	44.36 1.67 -0.98	44.67 1.76 -0.94	51.84 1.55 -1.72	52.89 1.59 -1.72	53.83 1.63 -1.35	57.53 2.12 -1.11	62.08 2.30 -0.84	61.85 1.96 -0.54	59.02 1.71 -0.31	54.17 1.42 0.00	50.97 1.15 0.00	42.37 1.07 -0.16	38.05 0.92 -0.39
PLATSBURG_115KV_PMLD1 355749	33.95 1.46 0.00	30.55 1.34 0.00	29.51 1.27 0.00	28.70 1.26 0.00	29.04 1.22 0.00	30.64 1.40 0.00	37.21 1.70 0.00	42.39 2.21 0.00	41.94 2.15 0.00	43.07 2.21 0.00	42.02 2.23 0.00	43.92 2.21 0.00	43.43 1.47 0.00	49.93 1.36 0.00	50.97 1.39 0.00	52.28 1.42 0.00	55.55 1.25 0.00	60.30 1.36 0.00	60.78 1.42 0.00	58.48 1.48 0.00	54.12 1.37 0.00	51.11 1.30 0.00	42.46 1.32 0.00	38.54 1.80 0.00
PLEASANTVLY___LBMP 24000	33.36 0.88 0.00	29.96 0.76 0.00	28.92 0.68 0.00	28.10 0.66 0.00	28.48 0.67 0.00	29.93 0.70 0.00	36.57 1.07 0.00	41.27 1.08 0.00	41.21 1.31 -0.11	42.46 1.19 -0.42	41.49 1.11 -0.59	43.87 1.04 -1.12	44.17 1.13 -1.08	51.55 1.02 -1.96	52.49 0.94 -1.97	53.31 0.92 -1.54	56.87 1.30 -1.27	61.37 1.47 -0.96	61.28 1.31 -0.62	58.55 1.20 -0.36	53.75 1.00 0.00	50.67 0.85 0.00	41.99 0.66 -0.18	37.77 0.59 -0.45
PLSNTVLE_13_KV_13.8KVDIST 80602	33.69 1.20 0.00	30.20 0.99 0.00	29.12 0.88 0.00	28.27 0.82 0.00	28.68 0.86 0.00	30.14 0.91 0.00	36.96 1.46 0.00	41.71 1.53 0.00	41.68 1.79 -0.10	42.96 1.72 -0.38	41.92 1.59 -0.53	44.27 1.54 -1.02	44.62 1.68 -0.98	51.95 1.60 -1.78	52.90 1.54 -1.78	53.83 1.58 -1.40	57.46 2.01 -1.15	62.05 2.24 -0.87	61.93 2.02 -0.56	59.14 1.82 -0.32	54.33 1.58 0.00	51.17 1.35 0.00	42.42 1.11 -0.17	38.10 0.96 -0.41
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.69 1.20 0.00	30.20 0.99 0.00	29.12 0.88 0.00	28.27 0.82 0.00	28.68 0.86 0.00	30.14 0.91 0.00	36.96 1.46 0.00	41.71 1.53 0.00	41.68 1.79 -0.10	42.96 1.72 -0.38	41.92 1.59 -0.53	44.27 1.54 -1.02	44.62 1.68 -0.98	51.95 1.60 -1.78	52.90 1.54 -1.78	53.83 1.58 -1.40	57.46 2.01 -1.15	62.05 2.24 -0.87	61.93 2.02 -0.56	59.14 1.82 -0.32	54.33 1.58 0.00	51.17 1.35 0.00	42.42 1.11 -0.17	38.10 0.96 -0.41
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.52 1.04 0.00	30.08 0.88 0.00	29.06 0.82 0.00	28.21 0.77 0.00	28.62 0.81 0.00	30.05 0.82 0.00	36.75 1.24 0.00	41.43 1.25 0.00	41.26 1.47 0.00	42.17 1.31 0.00	40.95 1.15 0.00	42.83 1.13 0.00	43.22 1.26 0.00	49.78 1.21 0.00	50.72 1.14 0.00	51.98 1.12 0.00	55.82 1.52 0.00	60.77 1.83 0.00	61.07 1.72 0.00	58.53 1.54 0.00	54.07 1.32 0.00	50.91 1.10 0.00	42.05 0.91 0.00	37.51 0.77 0.00
POLETTI____ 23519	33.78 1.30 0.00	30.25 1.05 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.70 0.89 0.00	30.20 0.96 0.00	37.13 1.63 0.02	41.90 1.73 0.02	41.94 2.07 -0.08	43.13 1.92 -0.35	42.08 1.79 -0.50	44.47 1.79 -0.97	44.82 1.93 -0.93	52.02 1.75 -1.70	52.97 1.69 -1.71	53.87 1.68 -1.33	57.62 2.23 -1.10	62.24 2.48 -0.82	62.08 2.20 -0.53	59.23 1.94 -0.30	54.31 1.58 0.02	51.25 1.44 0.01	42.52 1.23 -0.14	38.16 1.03 -0.39
POMONA___ESR 323819	33.62 1.14 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.21 0.77 0.00	28.59 0.78 0.00	30.05 0.82 0.00	36.79 1.28 0.00	41.55 1.37 0.00	41.46 1.59 -0.08	42.65 1.47 -0.32	41.56 1.31 -0.45	43.86 1.29 -0.87	44.18 1.38 -0.83	51.44 1.36 -1.51	52.43 1.34 -1.52	53.36 1.32 -1.19	57.02 1.74 -0.98	61.69 2.01 -0.74	61.61 1.78 -0.48	58.86 1.59 -0.27	54.12 1.37 0.00	50.87 1.05 0.00	42.23 0.95 -0.14	37.89 0.81 -0.35
PORT_JEFF_3 23555	34.43 1.95 0.00	30.69 1.49 0.00	29.57 1.33 0.00	28.62 1.18 0.00	29.01 1.20 0.00	30.69 1.46 0.00	37.60 2.09 0.00	41.99 1.81 0.00	42.15 2.27 -0.10	42.98 1.76 -0.36	41.74 1.43 -0.51	43.43 0.75 -0.98	41.68 0.76 1.04	43.06 0.49 5.99	45.64 0.50 4.44	49.21 0.40 2.06	50.18 0.82 4.93	60.89 1.12 -0.83	60.71 0.83 -0.53	58.38 1.08 -0.30	53.96 1.21 0.00	50.42 0.60 0.00	41.33 0.04 -0.14	38.30 1.18 -0.39
PORT_JEFF_4 23616	34.43 1.95 0.00	30.69 1.49 0.00	29.57 1.33 0.00	28.62 1.18 0.00	29.01 1.20 0.00	30.69 1.46 0.00	37.60 2.09 0.00	41.99 1.81 0.00	42.15 2.27 -0.10	42.98 1.76 -0.36	41.74 1.43 -0.51	43.43 0.75 -0.98	41.68 0.76 1.04	43.06 0.49 5.99	45.64 0.50 4.44	49.21 0.40 2.06	50.18 0.82 4.93	60.89 1.12 -0.83	60.71 0.83 -0.53	58.38 1.08 -0.30	53.96 1.21 0.00	50.42 0.60 0.00	41.33 0.04 -0.14	38.30 1.18 -0.39

PORT_JEFF_IC 23713	34.47 1.98 0.00	30.69 1.49 0.00	29.57 1.33 0.00	28.65 1.21 0.00	29.34 1.53 0.00	30.69 1.46 0.00	37.64 2.13 0.00	42.15 1.97 0.00	42.23 2.35 -0.10	43.19 1.96 -0.36	41.98 1.67 -0.51	43.47 0.79 -0.98	41.78 0.84 1.03	43.14 0.53 5.96	45.61 0.45 4.41	49.27 0.46 2.04	50.26 0.87 4.91	60.66 0.88 -0.83	60.42 0.53 -0.53	58.55 1.25 -0.30	54.17 1.42 0.00	51.02 1.20 0.00	41.46 0.16 -0.14	38.52 1.40 -0.39
PPL PILGRIM_ST_GT1 24216	34.72 2.24 0.00	30.92 1.72 0.00	29.76 1.52 0.00	28.84 1.40 0.00	29.23 1.42 0.00	30.93 1.69 0.00	37.89 2.38 0.00	42.19 2.01 0.00	42.35 2.47 -0.10	43.19 1.96 -0.36	41.86 1.55 -0.51	43.64 0.96 -0.98	41.85 0.88 1.00	43.35 0.63 5.84	45.90 0.64 4.32	49.52 0.66 1.99	50.51 1.03 4.82	61.37 1.59 -0.83	61.19 1.30 -0.53	58.67 1.37 -0.30	54.17 1.42 0.00	50.67 0.85 0.00	41.66 0.37 -0.15	38.60 1.47 -0.39
PPL PILGRIM_ST_GT2 24217	34.72 2.24 0.00	30.92 1.72 0.00	29.76 1.52 0.00	28.84 1.40 0.00	29.23 1.42 0.00	30.93 1.69 0.00	37.89 2.38 0.00	42.19 2.01 0.00	42.35 2.47 -0.10	43.19 1.96 -0.36	41.86 1.55 -0.51	43.64 0.96 -0.98	41.85 0.88 1.00	43.35 0.63 5.84	45.90 0.64 4.32	49.52 0.66 1.99	50.51 1.03 4.82	61.37 1.59 -0.83	61.19 1.30 -0.53	58.67 1.37 -0.30	54.17 1.42 0.00	50.67 0.85 0.00	41.66 0.37 -0.15	38.60 1.47 -0.39
PPL_SHRM_GT3 24213	34.08 1.59 0.00	30.34 1.14 0.00	29.26 1.02 0.00	28.35 0.90 0.00	28.70 0.89 0.00	30.37 1.14 0.00	37.21 1.70 0.00	41.55 1.37 0.00	41.75 1.87 -0.10	42.57 1.35 -0.36	41.34 1.03 -0.51	42.98 0.29 -0.98	41.23 0.30 1.03	42.59 0.00 5.98	45.15 0.00 4.43	48.70 -0.10 2.05	49.65 0.27 4.92	60.72 0.94 -0.83	60.24 0.36 -0.53	58.16 0.86 -0.30	53.96 1.21 0.00	50.42 0.60 0.00	40.84 -0.45 -0.14	37.86 0.73 -0.39
PPL_SHRM_GT4 24214	34.08 1.59 0.00	30.34 1.14 0.00	29.26 1.02 0.00	28.35 0.90 0.00	28.70 0.89 0.00	30.37 1.14 0.00	37.21 1.70 0.00	41.55 1.37 0.00	41.75 1.87 -0.10	42.57 1.35 -0.36	41.34 1.03 -0.51	42.98 0.29 -0.98	41.23 0.30 1.03	42.59 0.00 5.98	45.15 0.00 4.43	48.70 -0.10 2.05	49.65 0.27 4.92	60.72 0.94 -0.83	60.24 0.36 -0.53	58.16 0.86 -0.30	53.96 1.21 0.00	50.42 0.60 0.00	40.84 -0.45 -0.14	37.86 0.73 -0.39
PROJECT___ORANGE 1 24174	32.09 -0.39 0.00	28.85 -0.35 0.00	27.93 -0.31 0.00	27.11 -0.33 0.00	27.51 -0.31 0.00	28.88 -0.35 0.00	35.05 -0.46 0.00	39.78 -0.40 0.00	39.31 -0.48 0.00	40.54 -0.33 0.00	39.55 -0.24 0.00	41.58 -0.13 0.00	41.88 -0.08 0.00	48.52 -0.05 0.00	49.53 -0.05 0.00	50.76 -0.10 0.00	54.03 -0.27 0.00	58.53 -0.41 0.00	58.88 -0.47 0.00	56.60 -0.40 0.00	52.32 -0.42 0.00	49.47 -0.35 0.00	41.02 -0.12 0.00	36.52 -0.22 0.00
PROJECT___ORANGE 2 24166	32.09 -0.39 0.00	28.85 -0.35 0.00	27.93 -0.31 0.00	27.11 -0.33 0.00	27.51 -0.31 0.00	28.88 -0.35 0.00	35.05 -0.46 0.00	39.78 -0.40 0.00	39.31 -0.48 0.00	40.54 -0.33 0.00	39.55 -0.24 0.00	41.58 -0.13 0.00	41.88 -0.08 0.00	48.52 -0.05 0.00	49.53 -0.05 0.00	50.76 -0.10 0.00	54.03 -0.27 0.00	58.53 -0.41 0.00	58.88 -0.47 0.00	56.60 -0.40 0.00	52.32 -0.42 0.00	49.47 -0.35 0.00	41.02 -0.12 0.00	36.52 -0.22 0.00
PUCKETT___SOLAR 323809	33.00 0.52 0.00	29.67 0.47 0.00	28.69 0.45 0.00	27.88 0.44 0.00	28.29 0.47 0.00	29.73 0.50 0.00	36.08 0.57 0.00	40.99 0.80 0.00	40.54 0.75 0.00	41.80 0.94 0.00	40.79 1.00 0.00	42.87 1.17 0.00	43.14 1.17 0.00	50.02 1.46 0.00	51.02 1.44 0.00	52.44 1.58 0.00	55.98 1.69 0.00	60.59 1.65 0.00	61.19 1.84 0.00	58.76 1.77 0.00	54.38 1.64 0.00	51.46 1.64 0.00	42.55 1.40 0.00	37.88 1.14 0.00
PYRITES___HYD 24023	34.14 1.66 0.00	30.75 1.55 0.00	29.65 1.41 0.00	28.87 1.43 0.00	29.20 1.39 0.00	30.78 1.55 0.00	37.50 1.99 0.00	42.59 2.41 0.00	41.94 2.15 0.00	42.86 2.00 0.00	41.74 1.95 0.00	43.58 1.88 0.00	43.60 1.64 0.00	50.66 2.09 0.00	51.71 2.13 0.00	53.09 2.24 0.00	56.31 2.01 0.00	60.83 1.89 0.00	61.79 2.43 0.00	59.62 2.62 0.00	55.38 2.64 0.00	52.61 2.79 0.00	43.45 2.30 0.00	38.90 2.17 0.00
QUAKERRD_115KV_BK1 80622	31.80 -0.68 0.00	28.59 -0.61 0.00	27.68 -0.56 0.00	26.81 -0.63 0.00	27.23 -0.58 0.00	28.56 -0.67 0.00	34.41 -1.10 0.00	39.14 -1.04 0.00	38.39 -1.39 0.00	40.00 -0.86 0.00	39.16 -0.64 0.00	41.33 -0.38 0.00	41.59 -0.38 0.00	48.28 -0.29 0.00	49.43 -0.15 0.00	50.86 0.00 0.00	53.97 -0.33 0.00	58.30 -0.65 0.00	58.52 -0.83 0.00	56.20 -0.80 0.00	52.06 -0.69 0.00	49.52 -0.30 0.00	41.15 0.00 0.00	36.59 -0.15 0.00
QUENSBRY_115KV_TB8 356137	33.62 1.14 0.00	30.11 0.91 0.00	29.14 0.90 0.00	28.27 0.82 0.00	28.70 0.89 0.00	30.23 0.99 0.00	36.72 1.21 0.00	41.35 1.17 0.00	41.03 1.31 0.07	41.65 1.06 0.28	39.84 0.44 0.39	41.29 0.33 0.75	41.67 0.42 0.71	47.65 0.39 1.30	48.42 0.15 1.31	50.14 0.31 1.02	53.84 0.38 0.84	58.90 0.59 0.64	60.48 1.54 0.41	58.24 1.48 0.24	54.33 1.58 0.00	50.96 1.15 0.00	42.05 1.03 0.12	37.43 0.99 0.30
RAMAPO___LBMP 323565	33.46 0.97 0.00	29.99 0.79 0.00	28.95 0.71 0.00	28.10 0.66 0.00	28.51 0.70 0.00	29.96 0.73 0.00	36.68 1.17 0.00	41.39 1.21 0.00	41.30 1.43 -0.08	42.48 1.31 -0.31	41.42 1.19 -0.44	43.67 1.13 -0.84	44.03 1.26 -0.80	51.20 1.17 -1.46	52.09 1.04 -1.47	53.02 1.02 -1.15	56.71 1.47 -0.95	61.37 1.71 -0.71	61.30 1.48 -0.46	58.63 1.37 -0.27	53.91 1.16 0.00	50.82 1.00 0.00	42.10 0.82 -0.14	37.77 0.70 -0.33
RANKINE____ 23646	32.26 -0.23 0.00	29.14 -0.06 0.00	28.21 -0.03 0.00	27.44 0.00 0.00	27.81 0.00 0.00	29.06 -0.18 0.00	34.69 -0.82 0.00	39.50 -0.68 0.00	38.31 -1.47 0.00	40.54 -0.33 0.00	39.79 0.00 0.00	42.25 0.54 0.00	42.64 0.67 0.00	49.54 0.97 0.00	50.72 1.14 0.00	52.59 1.73 0.00	55.44 1.14 0.00	59.59 0.65 0.00	59.89 0.53 0.00	57.45 0.46 0.00	53.17 0.42 0.00	50.86 1.05 0.00	42.71 1.56 0.00	38.06 1.32 0.00
RAVENSWOOD_GT2_1 24244	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.43 1.69 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT2_2 24245	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.43 1.69 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39

RAVENSWOOD_GT2_3 24246	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.57 1.88 -0.98	44.92 2.01 -0.94	52.18 1.89 -1.72	53.14 1.83 -1.72	54.04 1.83 -1.35	57.80 2.39 -1.11	62.38 2.59 -0.84	62.21 2.31 -0.54	59.36 2.05 -0.31	54.49 1.74 0.00	51.42 1.59 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT2_4 24247	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.57 1.88 -0.98	44.92 2.01 -0.94	52.18 1.89 -1.72	53.14 1.83 -1.72	54.04 1.83 -1.35	57.80 2.39 -1.11	62.38 2.59 -0.84	62.21 2.31 -0.54	59.36 2.05 -0.31	54.49 1.74 0.00	51.42 1.59 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT3_1 24248	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.43 1.69 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT3_2 24249	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.43 1.69 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT3_3 24250	33.88 1.40 0.00	30.34 1.14 0.00	29.23 0.99 0.00	28.38 0.93 0.00	28.79 0.97 0.00	30.28 1.05 0.00	37.21 1.70 0.00	42.03 1.85 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.26 1.95 -0.51	44.61 1.92 -0.98	44.96 2.06 -0.94	52.23 1.94 -1.72	53.19 1.88 -1.72	54.09 1.88 -1.35	57.86 2.44 -1.11	62.49 2.71 -0.84	62.27 2.37 -0.54	59.47 2.17 -0.31	54.54 1.79 0.00	51.47 1.64 0.00	42.66 1.36 -0.16	38.27 1.14 -0.39
RAVENSWOOD_GT3_4 24251	33.88 1.40 0.00	30.34 1.14 0.00	29.23 0.99 0.00	28.38 0.93 0.00	28.79 0.97 0.00	30.28 1.05 0.00	37.21 1.70 0.00	42.03 1.85 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.26 1.95 -0.51	44.61 1.92 -0.98	44.96 2.06 -0.94	52.23 1.94 -1.72	53.19 1.88 -1.72	54.09 1.88 -1.35	57.86 2.44 -1.11	62.49 2.71 -0.84	62.27 2.37 -0.54	59.47 2.17 -0.31	54.54 1.79 0.00	51.47 1.64 0.00	42.66 1.36 -0.16	38.27 1.14 -0.39
RAVENSWOOD_GT_1 23729	33.85 1.36 0.00	30.31 1.11 0.00	29.17 0.93 0.00	28.27 0.82 0.00	28.70 0.89 0.00	30.20 0.96 0.00	37.14 1.63 0.00	41.95 1.77 0.00	42.11 2.23 -0.10	43.31 2.08 -0.36	42.34 2.03 -0.51	44.73 2.04 -0.98	45.13 2.22 -0.94	52.28 1.99 -1.72	53.24 1.93 -1.72	54.19 1.98 -1.35	57.91 2.50 -1.11	62.49 2.71 -0.84	62.15 2.26 -0.54	59.25 1.94 -0.31	54.38 1.64 0.00	51.37 1.54 0.00	42.66 1.36 -0.16	38.19 1.07 -0.39
RAVENSWOOD_GT_10 24258	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.49 1.74 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT_11 24259	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.49 1.74 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT_4 24252	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.43 1.69 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT_5 24254	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.43 1.69 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT_6 24253	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.43 1.69 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT_7 24255	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.43 1.69 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.49 1.74 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RAVENSWOOD_GT_9 24257	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.26 1.02 0.00	37.18 1.67 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.23 2.00 -0.36	42.18 1.87 -0.51	44.52 1.84 -0.98	44.88 1.97 -0.94	52.13 1.85 -1.72	53.09 1.78 -1.72	53.99 1.78 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.15 2.26 -0.54	59.36 2.05 -0.31	54.49 1.74 0.00	51.37 1.54 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39

RAVENSWOOD___1 23533	33.82 1.33 0.00	30.28 1.08 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.14 0.91 0.00	37.07 1.56 0.00	41.95 1.77 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.26 1.95 -0.51	44.73 2.04 -0.98	45.10 2.18 -0.95	52.23 1.94 -1.72	53.29 1.99 -1.72	54.29 2.09 -1.35	57.91 2.50 -1.11	62.50 2.71 -0.84	62.15 2.25 -0.54	59.13 1.82 -0.31	54.28 1.53 0.00	51.11 1.29 0.00	42.54 1.23 -0.16	38.16 1.03 -0.39
RAVENSWOOD___2 23534	33.82 1.33 0.00	30.28 1.08 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.14 0.91 0.00	37.03 1.53 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.26 1.95 -0.51	44.73 2.04 -0.98	45.10 2.18 -0.95	52.23 1.94 -1.72	53.29 1.99 -1.72	54.24 2.04 -1.35	57.91 2.50 -1.11	62.50 2.71 -0.84	62.09 2.20 -0.54	59.13 1.82 -0.31	54.28 1.53 0.00	51.11 1.29 0.00	42.54 1.23 -0.16	38.12 0.99 -0.39
RAVENSWOOD___3 23535	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.90 0.00	28.73 0.92 0.00	30.23 0.99 0.00	37.14 1.63 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.19 1.96 -0.36	42.14 1.83 -0.51	44.52 1.83 -0.98	44.84 1.93 -0.94	52.09 1.80 -1.72	53.14 1.84 -1.72	54.09 1.88 -1.35	57.75 2.33 -1.11	62.37 2.59 -0.84	62.15 2.25 -0.54	59.30 1.99 -0.31	54.43 1.69 0.00	51.21 1.39 0.00	42.54 1.23 -0.16	38.19 1.07 -0.39
RAVENSWOOD___4 23820	33.79 1.30 0.00	30.25 1.05 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.62 0.81 0.00	30.14 0.91 0.00	37.03 1.53 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.23 2.00 -0.36	42.26 1.95 -0.51	44.69 2.00 -0.98	45.10 2.18 -0.95	52.23 1.94 -1.72	53.29 1.99 -1.72	54.24 2.04 -1.35	57.91 2.50 -1.11	62.50 2.71 -0.84	62.09 2.20 -0.54	59.13 1.82 -0.31	54.28 1.53 0.00	51.11 1.29 0.00	42.50 1.19 -0.16	38.12 0.99 -0.39
RCPL_TRUST___DRP 24196	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.28 1.05 0.00	37.21 1.70 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.27 2.04 -0.36	42.22 1.91 -0.51	44.57 1.88 -0.98	44.92 2.01 -0.94	52.18 1.89 -1.72	53.13 1.83 -1.72	54.04 1.83 -1.35	57.80 2.39 -1.11	62.43 2.65 -0.84	62.21 2.31 -0.54	59.42 2.11 -0.31	54.49 1.74 0.00	51.42 1.59 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
RED___ROCHESTER 323720	32.88 0.39 0.00	29.52 0.32 0.00	28.58 0.34 0.00	27.66 0.22 0.00	28.09 0.28 0.00	29.49 0.26 0.00	35.44 -0.07 0.00	40.30 0.12 0.00	39.51 -0.28 0.00	41.39 0.53 0.00	40.51 0.72 0.00	42.79 1.08 0.00	43.06 1.09 0.00	50.02 1.46 0.00	51.36 1.78 0.00	52.69 1.83 0.00	55.98 1.69 0.00	60.42 1.47 0.00	60.60 1.25 0.00	58.25 1.25 0.00	53.96 1.21 0.00	51.61 1.79 0.00	42.71 1.56 0.00	37.99 1.25 0.00
REGAN___SOLAR 323812	34.50 2.01 0.00	30.87 1.66 0.00	29.88 1.64 0.00	29.01 1.56 0.00	29.45 1.64 0.00	31.05 1.81 0.00	37.75 2.24 0.00	42.47 2.29 0.00	41.77 2.03 0.05	42.23 1.55 0.18	40.61 1.07 0.26	42.21 1.00 0.50	42.50 1.01 0.48	48.82 1.12 0.87	49.70 0.99 0.87	51.40 1.22 0.68	55.48 1.74 0.56	61.00 2.48 0.42	62.46 3.38 0.27	60.26 3.42 0.16	56.02 3.27 0.00	52.60 2.79 0.00	43.49 2.43 0.08	38.63 2.09 0.20
RENSSELAER___COGEN 23796	32.48 0.00 0.00	29.32 0.12 0.00	28.38 0.14 0.00	27.55 0.11 0.00	27.95 0.14 0.00	29.35 0.12 0.00	35.54 0.04 0.00	40.02 -0.16 0.00	39.72 0.00 0.07	40.40 -0.20 0.26	39.20 -0.24 0.36	40.64 -0.38 0.69	41.01 -0.29 0.66	46.87 -0.49 1.21	47.82 -0.54 1.21	49.35 -0.56 0.95	53.03 -0.49 0.78	57.88 -0.47 0.59	58.56 -0.41 0.38	56.32 -0.46 0.22	52.27 -0.48 0.00	49.17 -0.65 0.00	40.58 -0.45 0.11	36.09 -0.37 0.28
REPUBLIC_115KV_BARTNBK 55605	34.86 2.37 0.00	31.13 1.93 0.00	30.16 1.92 0.00	29.20 1.76 0.00	29.71 1.89 0.00	31.34 2.10 0.00	38.03 2.52 0.00	42.76 2.57 0.00	42.34 2.63 0.07	42.83 2.25 0.28	40.87 1.47 0.39	42.41 1.46 0.76	42.75 1.51 0.72	48.95 1.70 1.32	49.69 1.44 1.32	51.55 1.73 1.04	55.24 1.79 0.85	60.48 2.18 0.64	62.44 3.50 0.42	60.23 3.48 0.24	56.39 3.64 0.00	52.70 2.89 0.00	43.61 2.59 0.12	38.79 2.35 0.30
REVERE_CPPR_DRP 24186	33.46 0.97 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.27 0.82 0.00	28.65 0.83 0.00	30.08 0.85 0.00	36.65 1.14 0.00	41.63 1.45 0.00	41.06 1.27 0.00	42.09 1.23 0.00	41.11 1.31 0.00	43.16 1.46 0.00	43.39 1.43 0.00	50.41 1.85 0.00	51.36 1.78 0.00	52.84 1.98 0.00	56.47 2.17 0.00	61.01 2.06 0.00	61.90 2.55 0.00	59.50 2.51 0.00	55.12 2.37 0.00	52.01 2.19 0.00	42.96 1.81 0.00	38.24 1.51 0.00
REYNLDPA_13_KV_LD 356490	33.17 0.68 0.00	29.84 0.64 0.00	28.83 0.59 0.00	28.02 0.58 0.00	28.37 0.56 0.00	29.90 0.67 0.00	36.33 0.82 0.00	41.27 1.08 0.00	40.86 1.07 0.00	41.93 1.06 0.00	40.87 1.07 0.00	42.75 1.04 0.00	42.85 0.88 0.00	49.69 1.12 0.00	50.72 1.14 0.00	51.98 1.12 0.00	55.33 1.03 0.00	59.95 1.00 0.00	60.36 1.01 0.00	58.02 1.03 0.00	53.75 1.00 0.00	50.86 1.05 0.00	41.93 0.78 0.00	37.58 0.84 0.00
REYNOLDS_115KV_TB3 80639	32.78 0.29 0.00	29.55 0.35 0.00	28.58 0.34 0.00	27.77 0.33 0.00	28.15 0.33 0.00	29.55 0.32 0.00	35.83 0.32 0.00	40.34 0.16 0.00	40.02 0.32 0.08	40.72 0.16 0.31	39.44 0.08 0.43	40.88 0.00 0.82	41.22 0.04 0.79	47.03 -0.10 1.44	47.93 -0.20 1.45	49.52 -0.20 1.13	53.31 -0.05 0.93	58.24 0.00 0.70	58.90 0.00 0.46	56.68 -0.06 0.26	52.69 -0.05 0.00	49.62 -0.20 0.00	40.89 -0.12 0.13	36.33 -0.07 0.33
RIVERBAY____ 323610	34.21 1.72 0.00	30.63 1.43 0.00	29.48 1.24 0.00	28.57 1.13 0.00	28.98 1.17 0.00	30.49 1.26 0.00	37.53 2.02 0.00	42.39 2.21 0.00	42.55 2.67 -0.10	43.68 2.45 -0.36	42.73 2.43 -0.51	45.15 2.46 -0.98	45.54 2.64 -0.93	52.77 2.48 -1.72	53.73 2.43 -1.72	54.70 2.49 -1.35	58.51 3.10 -1.11	63.14 3.36 -0.84	62.80 2.91 -0.54	59.82 2.51 -0.31	54.91 2.16 0.00	51.86 2.04 0.00	43.08 1.77 -0.16	38.60 1.47 -0.39
RIVERSDE_115KV_TB3 55908	32.65 0.16 0.00	29.47 0.26 0.00	28.49 0.25 0.00	27.69 0.25 0.00	28.06 0.25 0.00	29.50 0.26 0.00	35.72 0.21 0.00	40.22 0.04 0.00	39.91 0.20 0.07	40.62 0.04 0.28	39.32 -0.08 0.40	40.82 -0.13 0.76	41.15 -0.08 0.73	46.99 -0.24 1.33	47.90 -0.35 1.34	49.46 -0.36 1.05	53.22 -0.22 0.86	58.12 -0.18 0.65	58.81 -0.12 0.42	56.53 -0.23 0.24	52.54 -0.21 0.00	49.47 -0.35 0.00	40.77 -0.25 0.12	36.25 -0.18 0.30
ROARING___BROOK_WT_PWR 323790	32.29 -0.19 0.00	29.03 -0.17 0.00	28.07 -0.17 0.00	27.28 -0.16 0.00	27.65 -0.17 0.00	29.06 -0.17 0.00	35.30 -0.21 0.00	39.94 -0.24 0.00	39.55 -0.24 0.00	40.58 -0.28 0.00	39.56 -0.24 0.00	41.46 -0.25 0.00	41.72 -0.25 0.00	48.33 -0.24 0.00	49.38 -0.20 0.00	50.70 -0.15 0.00	54.14 -0.16 0.00	58.83 -0.12 0.00	59.23 -0.12 0.00	56.88 -0.11 0.00	52.64 -0.11 0.00	49.72 -0.10 0.00	41.06 -0.08 0.00	36.70 -0.04 0.00

ROCHESRG_115KV_T4 355643	32.52 0.03 0.00	29.23 0.03 0.00	28.33 0.08 0.00	27.41 -0.03 0.00	27.84 0.03 0.00	29.17 -0.06 0.00	35.08 -0.43 0.00	39.90 -0.28 0.00	39.03 -0.76 0.00	40.78 -0.08 0.00	39.91 0.12 0.00	42.21 0.50 0.00	42.51 0.55 0.00	49.35 0.78 0.00	50.52 0.94 0.00	52.08 1.22 0.00	55.17 0.87 0.00	59.53 0.59 0.00	59.83 0.47 0.00	57.45 0.46 0.00	53.22 0.47 0.00	50.71 0.90 0.00	42.22 1.07 0.00	37.51 0.77 0.00
ROCHESTER_9_IC 23652	32.68 0.19 0.00	29.38 0.18 0.00	28.44 0.20 0.00	27.52 0.08 0.00	27.95 0.14 0.00	29.29 0.06 0.00	35.22 -0.28 0.00	40.10 -0.08 0.00	39.23 -0.56 0.00	41.03 0.16 0.00	40.19 0.40 0.00	42.50 0.79 0.00	42.76 0.80 0.00	49.69 1.12 0.00	50.87 1.29 0.00	52.43 1.58 0.00	55.55 1.25 0.00	59.95 1.00 0.00	60.18 0.83 0.00	57.79 0.80 0.00	53.54 0.79 0.00	51.01 1.20 0.00	42.42 1.28 0.00	37.69 0.96 0.00
ROCKVIEW_13_KV_LD 356306	33.85 1.36 0.00	30.34 1.14 0.00	29.26 1.02 0.00	28.38 0.93 0.00	28.79 0.97 0.00	30.28 1.05 0.00	37.14 1.63 0.00	41.91 1.73 0.00	41.91 2.03 -0.10	43.19 1.96 -0.36	42.14 1.83 -0.51	44.48 1.79 -0.98	44.84 1.93 -0.94	52.18 1.89 -1.72	53.14 1.83 -1.72	54.04 1.83 -1.35	57.75 2.33 -1.11	62.38 2.59 -0.84	62.27 2.37 -0.54	59.47 2.17 -0.31	54.65 1.90 0.00	51.47 1.64 0.00	42.62 1.32 -0.16	38.27 1.14 -0.39
ROME____115KV_TB2 80656	33.46 0.97 0.00	30.11 0.91 0.00	29.06 0.82 0.00	28.27 0.82 0.00	28.65 0.83 0.00	30.08 0.85 0.00	36.65 1.14 0.00	41.63 1.45 0.00	41.06 1.27 0.00	42.09 1.23 0.00	41.11 1.31 0.00	43.16 1.46 0.00	43.39 1.43 0.00	50.41 1.85 0.00	51.36 1.78 0.00	52.84 1.98 0.00	56.47 2.17 0.00	61.01 2.06 0.00	61.90 2.55 0.00	59.50 2.51 0.00	55.12 2.37 0.00	52.01 2.19 0.00	42.96 1.81 0.00	38.24 1.51 0.00
ROSETON___1 23587	33.20 0.71 0.00	29.79 0.58 0.00	28.78 0.54 0.00	27.94 0.49 0.00	28.31 0.50 0.00	29.76 0.53 0.00	36.33 0.82 0.00	41.03 0.85 0.00	40.84 1.00 -0.06	41.96 0.86 -0.23	40.88 0.75 -0.33	43.09 0.75 -0.63	43.37 0.80 -0.61	50.40 0.73 -1.11	51.38 0.69 -1.11	52.44 0.71 -0.87	55.99 0.98 -0.72	60.66 1.18 -0.54	60.71 1.01 -0.35	58.11 0.91 -0.20	53.48 0.74 0.00	50.37 0.55 0.00	41.74 0.50 -0.10	37.43 0.44 -0.25
ROSETON___2 23588	33.20 0.71 0.00	29.79 0.58 0.00	28.78 0.54 0.00	27.94 0.49 0.00	28.31 0.50 0.00	29.76 0.53 0.00	36.33 0.82 0.00	41.03 0.85 0.00	40.84 1.00 -0.06	41.96 0.86 -0.23	40.88 0.75 -0.33	43.09 0.75 -0.63	43.37 0.80 -0.61	50.40 0.73 -1.11	51.38 0.69 -1.11	52.44 0.71 -0.87	55.99 0.98 -0.72	60.66 1.18 -0.54	60.71 1.01 -0.35	58.11 0.91 -0.20	53.48 0.74 0.00	50.37 0.55 0.00	41.74 0.50 -0.10	37.43 0.44 -0.25
ROTTTRDAM_115KV_TB3 80664	33.07 0.58 0.00	29.73 0.53 0.00	28.75 0.51 0.00	27.94 0.49 0.00	28.34 0.53 0.00	29.76 0.53 0.00	36.15 0.64 0.00	40.83 0.64 0.00	40.41 0.68 0.06	41.22 0.57 0.21	39.93 0.44 0.30	41.55 0.42 0.57	41.88 0.46 0.55	48.01 0.44 1.00	48.93 0.35 1.00	50.48 0.41 0.78	54.20 0.54 0.64	59.17 0.71 0.49	59.87 0.83 0.32	57.61 0.80 0.18	53.49 0.74 0.00	50.41 0.60 0.00	41.59 0.53 0.09	36.99 0.48 0.23
RUSSELL___1 23602	32.84 0.36 0.00	29.52 0.32 0.00	28.58 0.34 0.00	27.66 0.22 0.00	28.09 0.28 0.00	29.44 0.20 0.00	35.40 -0.11 0.00	40.30 0.12 0.00	39.51 -0.28 0.00	41.31 0.45 0.00	40.47 0.68 0.00	42.79 1.08 0.00	43.10 1.13 0.00	50.07 1.51 0.00	51.31 1.74 0.00	52.84 1.98 0.00	55.98 1.68 0.00	60.42 1.47 0.00	60.60 1.25 0.00	58.25 1.25 0.00	53.96 1.21 0.00	51.36 1.54 0.00	42.71 1.56 0.00	37.91 1.18 0.00
RUSSELL___2 23532	32.84 0.36 0.00	29.52 0.32 0.00	28.58 0.34 0.00	27.66 0.22 0.00	28.09 0.28 0.00	29.44 0.20 0.00	35.40 -0.11 0.00	40.30 0.12 0.00	39.51 -0.28 0.00	41.31 0.45 0.00	40.47 0.68 0.00	42.79 1.08 0.00	43.10 1.13 0.00	50.07 1.51 0.00	51.31 1.74 0.00	52.84 1.98 0.00	55.98 1.68 0.00	60.42 1.47 0.00	60.60 1.25 0.00	58.25 1.25 0.00	53.96 1.21 0.00	51.36 1.54 0.00	42.71 1.56 0.00	37.91 1.18 0.00
RUSSELL___3 23549	32.84 0.36 0.00	29.52 0.32 0.00	28.58 0.34 0.00	27.66 0.22 0.00	28.09 0.28 0.00	29.44 0.20 0.00	35.40 -0.11 0.00	40.30 0.12 0.00	39.51 -0.28 0.00	41.31 0.45 0.00	40.47 0.68 0.00	42.79 1.08 0.00	43.10 1.13 0.00	50.07 1.51 0.00	51.31 1.74 0.00	52.84 1.98 0.00	55.98 1.68 0.00	60.42 1.47 0.00	60.60 1.25 0.00	58.25 1.25 0.00	53.96 1.21 0.00	51.36 1.54 0.00	42.71 1.56 0.00	37.91 1.18 0.00
RUSSELL___4 23556	32.84 0.36 0.00	29.52 0.32 0.00	28.58 0.34 0.00	27.66 0.22 0.00	28.09 0.28 0.00	29.44 0.20 0.00	35.40 -0.11 0.00	40.30 0.12 0.00	39.51 -0.28 0.00	41.31 0.45 0.00	40.47 0.68 0.00	42.79 1.08 0.00	43.10 1.13 0.00	50.07 1.51 0.00	51.31 1.74 0.00	52.84 1.98 0.00	55.98 1.68 0.00	60.42 1.47 0.00	60.60 1.25 0.00	58.25 1.25 0.00	53.96 1.21 0.00	51.36 1.54 0.00	42.71 1.56 0.00	37.91 1.18 0.00
RUSSELL___STATION 23914	32.84 0.36 0.00	29.52 0.32 0.00	28.58 0.34 0.00	27.66 0.22 0.00	28.09 0.28 0.00	29.44 0.20 0.00	35.40 -0.11 0.00	40.30 0.12 0.00	39.51 -0.28 0.00	41.31 0.45 0.00	40.47 0.68 0.00	42.79 1.08 0.00	43.10 1.13 0.00	50.07 1.51 0.00	51.31 1.74 0.00	52.84 1.98 0.00	55.98 1.68 0.00	60.42 1.47 0.00	60.60 1.25 0.00	58.25 1.25 0.00	53.96 1.21 0.00	51.36 1.54 0.00	42.71 1.56 0.00	37.91 1.18 0.00
S SALMON___HYD 24043	32.48 0.00 0.00	29.20 0.00 0.00	28.21 -0.03 0.00	27.44 0.00 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.51 0.00 0.00	40.30 0.12 0.00	39.75 -0.04 0.00	40.82 -0.04 0.00	39.79 0.00 0.00	41.75 0.04 0.00	42.01 0.04 0.00	48.67 0.10 0.00	49.53 -0.05 0.00	50.86 0.00 0.00	54.08 -0.22 0.00	58.65 -0.29 0.00	59.35 0.00 0.00	57.17 0.17 0.00	52.96 0.21 0.00	50.21 0.40 0.00	41.64 0.50 0.00	37.07 0.33 0.00
S.PERRY__115KV_TB1 80734	33.39 0.91 0.00	30.02 0.82 0.00	29.09 0.85 0.00	28.21 0.77 0.00	28.65 0.83 0.00	30.14 0.91 0.00	36.25 0.75 0.00	41.19 1.00 0.00	40.03 0.24 0.00	41.64 0.78 0.00	40.67 0.88 0.00	43.04 1.33 0.00	43.48 1.51 0.00	48.91 0.34 0.00	50.02 0.45 0.00	51.67 0.81 0.00	54.79 0.49 0.00	59.42 0.47 0.00	60.00 0.65 0.00	58.08 1.08 0.00	53.96 1.21 0.00	51.46 1.64 0.00	44.11 2.96 0.00	39.05 2.31 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.19 -0.29 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.33 -0.11 0.00	27.73 -0.08 0.00	28.94 -0.29 0.00	34.51 -0.99 0.00	39.22 -0.96 0.00	38.00 -1.79 0.00	40.21 -0.65 0.00	39.43 -0.36 0.00	41.91 0.21 0.00	42.26 0.29 0.00	49.05 0.49 0.00	50.27 0.69 0.00	52.08 1.22 0.00	54.95 0.65 0.00	59.06 0.12 0.00	59.35 0.00 0.00	56.94 -0.06 0.00	52.75 0.00 0.00	50.52 0.70 0.00	42.46 1.32 0.00	37.84 1.10 0.00

SAWYER___23_KV_LOAD 55526	32.19 -0.29 0.00	29.09 -0.12 0.00	28.16 -0.08 0.00	27.33 -0.11 0.00	27.73 -0.08 0.00	28.94 -0.29 0.00	34.51 -0.99 0.00	39.22 -0.96 0.00	38.00 -1.79 0.00	40.21 -0.65 0.00	39.43 -0.36 0.00	41.91 0.21 0.00	42.26 0.29 0.00	49.05 0.49 0.00	50.27 0.69 0.00	52.08 1.22 0.00	54.95 0.65 0.00	59.06 0.12 0.00	59.35 0.00 0.00	56.94 -0.06 0.00	52.75 0.00 0.00	50.52 0.70 0.00	42.46 1.32 0.00	37.84 1.10 0.00
SELKIRK___I 23801	32.88 0.39 0.00	29.58 0.38 0.00	28.66 0.42 0.00	27.83 0.38 0.00	28.23 0.42 0.00	29.64 0.41 0.00	35.90 0.39 0.00	40.47 0.28 0.00	40.15 0.40 0.04	40.93 0.21 0.14	39.71 0.12 0.20	41.37 0.04 0.38	41.69 0.08 0.36	47.86 -0.05 0.66	48.86 -0.05 0.67	50.29 -0.05 0.52	53.92 0.05 0.43	58.80 0.18 0.32	59.38 0.24 0.21	57.05 0.17 0.12	52.85 0.11 0.00	49.82 0.00 0.00	41.21 0.12 0.06	36.73 0.15 0.15
SELKIRK___II 23799	32.68 0.20 0.00	29.43 0.23 0.00	28.49 0.25 0.00	27.66 0.22 0.00	28.06 0.25 0.00	29.46 0.23 0.00	35.72 0.21 0.00	40.26 0.08 0.00	39.98 0.24 0.04	40.77 0.08 0.17	39.59 0.04 0.24	41.20 -0.04 0.46	41.52 0.00 0.44	47.62 -0.15 0.81	48.62 -0.15 0.81	50.02 -0.20 0.63	53.67 -0.11 0.52	58.55 0.00 0.39	59.10 0.00 0.25	56.79 -0.06 0.15	52.59 -0.16 0.00	49.52 -0.30 0.00	40.95 -0.12 0.07	36.48 -0.07 0.18
SENECA OSWGO___HYD 24041	31.90 -0.58 0.00	28.68 -0.52 0.00	27.73 -0.51 0.00	26.95 -0.49 0.00	27.34 -0.47 0.00	28.71 -0.53 0.00	34.83 -0.68 0.00	39.50 -0.68 0.00	39.03 -0.76 0.00	40.21 -0.66 0.00	39.20 -0.60 0.00	41.16 -0.54 0.00	41.46 -0.50 0.00	47.99 -0.58 0.00	48.93 -0.65 0.00	50.19 -0.66 0.00	53.49 -0.81 0.00	58.06 -0.88 0.00	58.40 -0.95 0.00	56.14 -0.85 0.00	51.96 -0.79 0.00	49.12 -0.70 0.00	40.69 -0.45 0.00	36.26 -0.48 0.00
SENECA___115KV_TB3 355854	32.29 -0.19 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.47 0.03 0.00	27.84 0.03 0.00	29.09 -0.15 0.00	34.73 -0.78 0.00	39.58 -0.60 0.00	38.39 -1.39 0.00	40.62 -0.25 0.00	39.87 0.08 0.00	42.33 0.63 0.00	42.72 0.76 0.00	49.64 1.07 0.00	50.82 1.24 0.00	52.69 1.83 0.00	55.55 1.25 0.00	59.71 0.77 0.00	60.00 0.65 0.00	57.57 0.57 0.00	53.27 0.53 0.00	50.91 1.10 0.00	42.79 1.65 0.00	38.10 1.36 0.00
SENECA___ENERGY 23797	32.42 -0.06 0.00	29.11 -0.09 0.00	28.16 -0.08 0.00	27.33 -0.11 0.00	27.76 -0.06 0.00	29.17 -0.06 0.00	35.37 -0.14 0.00	40.22 0.04 0.00	39.59 -0.20 0.00	40.99 0.12 0.00	40.03 0.24 0.00	42.12 0.42 0.00	42.43 0.46 0.00	49.10 0.54 0.00	50.17 0.60 0.00	51.52 0.66 0.00	54.84 0.54 0.00	59.41 0.47 0.00	59.77 0.42 0.00	57.51 0.51 0.00	53.17 0.42 0.00	50.42 0.60 0.00	41.76 0.62 0.00	37.18 0.44 0.00
SHOEMAKER___GT 23640	33.23 0.75 0.00	29.82 0.61 0.00	28.80 0.56 0.00	27.96 0.52 0.00	28.34 0.53 0.00	29.79 0.55 0.00	36.36 0.85 0.00	41.03 0.85 0.00	40.85 1.00 -0.07	41.99 0.86 -0.27	40.89 0.72 -0.38	43.13 0.71 -0.72	43.41 0.76 -0.69	50.56 0.73 -1.26	51.53 0.69 -1.26	52.56 0.71 -0.99	56.14 1.03 -0.81	60.74 1.18 -0.61	60.87 1.12 -0.40	58.25 1.03 -0.23	53.59 0.84 0.00	50.42 0.60 0.00	41.84 0.58 -0.12	37.54 0.51 -0.29
SHOEMAKR_138KV_BK 111 55601	33.23 0.75 0.00	29.82 0.61 0.00	28.78 0.54 0.00	27.96 0.52 0.00	28.34 0.53 0.00	29.79 0.56 0.00	36.36 0.85 0.00	41.03 0.84 0.00	40.85 0.99 -0.07	42.02 0.90 -0.26	40.92 0.76 -0.37	43.12 0.71 -0.71	43.48 0.84 -0.68	50.58 0.78 -1.24	51.51 0.69 -1.24	52.49 0.66 -0.97	56.13 1.03 -0.80	60.79 1.24 -0.60	60.87 1.13 -0.39	58.25 1.03 -0.22	53.64 0.90 0.00	50.52 0.70 0.00	41.88 0.62 -0.12	37.53 0.51 -0.28
SHOREHAM_IC_1 23715	34.08 1.59 0.00	30.34 1.14 0.00	29.26 1.02 0.00	28.35 0.90 0.00	28.70 0.89 0.00	30.37 1.14 0.00	37.21 1.70 0.00	41.55 1.37 0.00	41.75 1.87 -0.10	42.57 1.35 -0.36	41.34 1.03 -0.51	42.98 0.29 -0.98	41.23 0.30 1.03	42.59 0.00 5.98	45.15 0.00 4.43	48.70 -0.10 2.05	49.65 0.27 4.92	60.72 0.94 -0.83	60.24 0.36 -0.53	58.16 0.86 -0.30	53.96 1.21 0.00	50.42 0.60 0.00	40.84 -0.45 -0.14	37.86 0.73 -0.39
SHOREHAM_IC_2 23716	34.08 1.59 0.00	30.34 1.14 0.00	29.26 1.02 0.00	28.35 0.91 0.00	29.20 1.39 0.00	30.37 1.14 0.00	37.25 1.74 0.00	41.71 1.53 0.00	41.79 1.91 -0.10	42.70 1.47 -0.36	41.54 1.23 -0.51	42.97 0.29 -0.98	41.27 0.34 1.03	42.54 -0.05 5.98	45.00 -0.15 4.43	48.65 -0.15 2.05	49.59 0.22 4.92	60.66 0.88 -0.83	60.18 0.30 -0.53	58.27 0.97 -0.30	54.12 1.37 0.00	51.07 1.25 0.00	40.96 -0.33 -0.14	38.05 0.92 -0.39
SISSONVILLE____ 23735	33.65 1.17 0.00	30.28 1.08 0.00	29.23 0.99 0.00	28.43 0.99 0.00	28.79 0.97 0.00	30.34 1.11 0.00	36.93 1.42 0.00	41.95 1.77 0.00	41.46 1.67 0.00	42.46 1.59 0.00	41.34 1.55 0.00	43.25 1.54 0.00	43.31 1.34 0.00	50.27 1.70 0.00	51.31 1.74 0.00	52.69 1.83 0.00	55.77 1.47 0.00	60.06 1.12 0.00	60.78 1.42 0.00	58.53 1.54 0.00	54.28 1.53 0.00	51.71 1.89 0.00	42.79 1.65 0.00	38.32 1.58 0.00
SITHE_IND_GS1 24169	31.48 -1.01 0.00	28.30 -0.91 0.00	27.39 -0.85 0.00	26.62 -0.82 0.00	26.98 -0.83 0.00	28.33 -0.91 0.00	34.34 -1.17 0.00	38.90 -1.29 0.00	38.43 -1.35 0.00	39.60 -1.27 0.00	38.60 -1.19 0.00	40.54 -1.17 0.00	40.79 -1.17 0.00	47.21 -1.36 0.00	48.19 -1.39 0.00	49.49 -1.37 0.00	52.72 -1.58 0.00	57.23 -1.71 0.00	57.63 -1.72 0.00	55.34 -1.65 0.00	51.27 -1.48 0.00	48.48 -1.34 0.00	40.08 -1.07 0.00	35.75 -0.99 0.00
SITHE_IND_GS2 24170	31.48 -1.01 0.00	28.30 -0.91 0.00	27.39 -0.85 0.00	26.62 -0.82 0.00	26.98 -0.83 0.00	28.33 -0.91 0.00	34.34 -1.17 0.00	38.90 -1.29 0.00	38.43 -1.35 0.00	39.60 -1.27 0.00	38.60 -1.19 0.00	40.54 -1.17 0.00	40.79 -1.17 0.00	47.21 -1.36 0.00	48.19 -1.39 0.00	49.49 -1.37 0.00	52.72 -1.58 0.00	57.23 -1.71 0.00	57.63 -1.72 0.00	55.34 -1.65 0.00	51.27 -1.48 0.00	48.48 -1.34 0.00	40.08 -1.07 0.00	35.75 -0.99 0.00
SITHE_IND_GS3 24171	31.48 -1.01 0.00	28.30 -0.91 0.00	27.39 -0.85 0.00	26.62 -0.82 0.00	26.98 -0.83 0.00	28.33 -0.91 0.00	34.34 -1.17 0.00	38.90 -1.29 0.00	38.43 -1.35 0.00	39.60 -1.27 0.00	38.60 -1.19 0.00	40.54 -1.17 0.00	40.79 -1.17 0.00	47.21 -1.36 0.00	48.19 -1.39 0.00	49.49 -1.37 0.00	52.72 -1.58 0.00	57.23 -1.71 0.00	57.63 -1.72 0.00	55.34 -1.65 0.00	51.27 -1.48 0.00	48.48 -1.34 0.00	40.08 -1.07 0.00	35.75 -0.99 0.00
SITHE_IND_GS4 24172	31.48 -1.01 0.00	28.30 -0.91 0.00	27.39 -0.85 0.00	26.62 -0.82 0.00	26.98 -0.83 0.00	28.33 -0.91 0.00	34.34 -1.17 0.00	38.90 -1.29 0.00	38.43 -1.35 0.00	39.60 -1.27 0.00	38.60 -1.19 0.00	40.54 -1.17 0.00	40.79 -1.17 0.00	47.21 -1.36 0.00	48.19 -1.39 0.00	49.49 -1.37 0.00	52.72 -1.58 0.00	57.23 -1.71 0.00	57.63 -1.72 0.00	55.34 -1.65 0.00	51.27 -1.48 0.00	48.48 -1.34 0.00	40.08 -1.07 0.00	35.75 -0.99 0.00

SITHE___BATAVIA 24024	33.17 0.68 0.00	29.76 0.55 0.00	28.83 0.59 0.00	27.91 0.47 0.00	28.34 0.53 0.00	29.85 0.61 0.00	35.54 0.04 0.00	40.70 0.52 0.00	39.59 -0.20 0.00	41.64 0.77 0.00	40.71 0.92 0.00	43.12 1.42 0.00	43.39 1.43 0.00	50.46 1.89 0.00	51.91 2.33 0.00	53.35 2.49 0.00	56.58 2.28 0.00	60.95 2.01 0.00	61.25 1.90 0.00	58.93 1.94 0.00	54.70 1.95 0.00	52.66 2.84 0.00	43.61 2.47 0.00	38.94 2.20 0.00
SITHE___INDEPEND 23800	31.48 -1.01 0.00	28.30 -0.91 0.00	27.39 -0.85 0.00	26.62 -0.82 0.00	26.98 -0.83 0.00	28.30 -0.94 0.00	34.34 -1.17 0.00	38.90 -1.29 0.00	38.43 -1.35 0.00	39.60 -1.27 0.00	38.60 -1.19 0.00	40.54 -1.17 0.00	40.79 -1.18 0.00	47.26 -1.31 0.00	48.24 -1.34 0.00	49.48 -1.37 0.00	52.73 -1.57 0.00	57.23 -1.71 0.00	57.63 -1.72 0.00	55.34 -1.65 0.00	51.22 -1.53 0.00	48.42 -1.39 0.00	40.12 -1.03 0.00	35.74 -0.99 0.00
SITHE___MASSENA 23902	33.33 0.84 0.00	29.99 0.79 0.00	28.97 0.73 0.00	28.18 0.74 0.00	28.51 0.70 0.00	30.05 0.82 0.00	36.54 1.03 0.00	41.47 1.29 0.00	41.02 1.23 0.00	42.09 1.22 0.00	41.03 1.23 0.00	42.92 1.21 0.00	43.10 1.13 0.00	49.93 1.36 0.00	50.96 1.39 0.00	52.28 1.42 0.00	55.55 1.25 0.00	60.18 1.24 0.00	60.72 1.37 0.00	58.36 1.37 0.00	54.07 1.32 0.00	51.26 1.45 0.00	42.30 1.15 0.00	37.84 1.10 0.00
SITHE___OGDNSBRG 24021	34.01 1.53 0.00	30.63 1.43 0.00	29.54 1.30 0.00	28.76 1.32 0.00	29.09 1.28 0.00	30.66 1.43 0.00	37.32 1.81 0.00	42.35 2.17 0.00	41.74 1.95 0.00	42.66 1.80 0.00	41.50 1.71 0.00	43.37 1.67 0.00	43.43 1.47 0.00	50.41 1.85 0.00	51.51 1.93 0.00	52.84 1.98 0.00	56.09 1.79 0.00	60.77 1.83 0.00	61.67 2.31 0.00	59.50 2.51 0.00	55.23 2.48 0.00	52.41 2.59 0.00	43.20 2.06 0.00	38.72 1.98 0.00
SITHE___STERLING 23777	33.17 0.68 0.00	29.82 0.61 0.00	28.80 0.56 0.00	27.99 0.55 0.00	28.40 0.59 0.00	29.82 0.58 0.00	36.29 0.78 0.00	41.19 1.01 0.00	40.66 0.87 0.00	41.72 0.86 0.00	40.71 0.92 0.00	42.75 1.04 0.00	42.97 1.01 0.00	49.88 1.31 0.00	50.86 1.29 0.00	52.28 1.42 0.00	55.82 1.52 0.00	60.42 1.47 0.00	61.13 1.78 0.00	58.76 1.77 0.00	54.43 1.69 0.00	51.36 1.55 0.00	42.42 1.28 0.00	37.76 1.03 0.00
SLEIGHT__34_KV_TB1 80719	32.29 -0.19 0.00	29.03 -0.18 0.00	28.10 -0.14 0.00	27.22 -0.22 0.00	27.62 -0.19 0.00	29.00 -0.23 0.00	35.05 -0.46 0.00	39.90 -0.28 0.00	39.19 -0.60 0.00	40.74 -0.12 0.00	39.87 0.08 0.00	42.04 0.33 0.00	42.34 0.38 0.00	49.15 0.58 0.00	50.27 0.69 0.00	51.72 0.86 0.00	54.84 0.54 0.00	59.30 0.35 0.00	59.53 0.18 0.00	57.22 0.23 0.00	53.01 0.26 0.00	50.32 0.50 0.00	41.72 0.58 0.00	37.10 0.37 0.00
SMITHTWN_69_KV_BK 1 55830	34.50 2.01 0.00	30.72 1.52 0.00	29.57 1.33 0.00	28.65 1.21 0.00	29.34 1.53 0.00	30.72 1.49 0.00	37.67 2.17 0.00	42.23 2.05 0.00	42.31 2.43 -0.10	43.31 2.08 -0.36	42.10 1.79 -0.51	43.60 0.92 -0.98	41.95 1.01 1.02	43.41 0.78 5.94	45.88 0.69 4.40	49.54 0.71 2.03	50.55 1.14 4.89	61.07 1.30 -0.83	60.89 1.01 -0.53	58.73 1.42 -0.30	54.28 1.53 0.00	51.07 1.25 0.00	41.62 0.33 -0.15	38.60 1.47 -0.39
SOUTH CAIRO___GT 23612	33.43 0.94 0.00	30.05 0.85 0.00	29.12 0.88 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.08 0.85 0.00	36.43 0.92 0.00	40.99 0.80 0.00	40.84 1.07 0.03	41.50 0.74 0.10	40.01 0.36 0.14	41.77 0.33 0.27	42.13 0.42 0.26	48.64 0.53 0.47	49.61 0.50 0.47	51.05 0.56 0.37	54.81 0.81 0.30	60.01 1.30 0.23	60.98 1.78 0.15	58.68 1.77 0.08	53.91 1.16 0.00	50.56 0.75 0.00	42.17 1.07 0.04	37.62 0.99 0.11
SOUTH HAMPTN___IC 23720	34.57 2.08 0.00	30.81 1.61 0.00	29.71 1.47 0.00	28.79 1.34 0.00	29.15 1.34 0.00	30.87 1.64 0.00	37.82 2.31 0.00	42.23 2.05 0.00	42.43 2.55 -0.10	43.27 2.04 -0.36	42.06 1.75 -0.51	43.76 1.08 -0.98	41.98 1.05 1.04	43.46 0.88 5.99	46.04 0.89 4.44	49.61 0.81 2.06	50.62 1.25 4.93	61.66 1.89 -0.83	61.25 1.37 -0.53	59.01 1.71 -0.30	54.64 1.90 0.00	51.01 1.19 0.00	41.37 0.08 -0.14	38.38 1.25 -0.39
SOUTHDOW_115KV_TB1 355954	32.22 -0.26 0.00	29.11 -0.09 0.00	28.21 -0.03 0.00	27.50 0.05 0.00	27.95 0.14 0.00	29.32 0.09 0.00	35.51 0.00 0.00	40.87 0.68 0.00	39.91 0.12 0.00	42.33 1.47 0.00	41.58 1.79 0.00	43.96 2.25 0.00	44.44 2.48 0.00	51.63 3.06 0.00	52.70 3.12 0.00	54.57 3.71 0.00	57.56 3.26 0.00	61.07 2.12 0.00	61.37 2.02 0.00	58.88 1.88 0.00	54.38 1.64 0.00	51.91 2.09 0.00	43.57 2.43 0.00	38.68 1.95 0.00
SOUTHOLD_69_KV_BK 2 55809	35.05 2.57 0.00	31.25 2.04 0.00	30.16 1.92 0.00	29.25 1.81 0.00	30.09 2.28 0.00	31.40 2.16 0.00	38.46 2.95 0.00	43.08 2.89 0.00	43.15 3.26 -0.10	44.05 2.82 -0.36	42.89 2.59 -0.51	44.39 1.71 -0.98	42.65 1.72 1.04	44.14 1.55 5.99	46.68 1.54 4.44	50.38 1.58 2.06	51.32 1.95 4.93	62.43 2.65 -0.83	62.08 2.20 -0.53	59.81 2.51 -0.30	55.33 2.58 0.00	52.16 2.34 0.00	41.87 0.58 -0.14	38.93 1.80 -0.39
SOUTHOLD___IC 23719	35.05 2.57 0.00	31.25 2.04 0.00	30.16 1.92 0.00	29.25 1.81 0.00	29.65 1.84 0.00	31.40 2.16 0.00	38.42 2.91 0.00	42.92 2.73 0.00	43.10 3.22 -0.10	43.92 2.70 -0.36	42.69 2.39 -0.51	44.39 1.71 -0.98	42.61 1.68 1.04	44.18 1.60 5.99	46.78 1.63 4.44	50.38 1.58 2.06	51.38 2.01 4.93	62.55 2.77 -0.83	62.14 2.25 -0.53	59.75 2.45 -0.30	55.23 2.48 0.00	51.52 1.69 0.00	41.74 0.45 -0.14	38.78 1.65 -0.39
SOUTH_FORK_WT_PWR 323839	35.05 2.57 0.00	31.28 2.07 0.00	30.22 1.98 0.00	29.31 1.87 0.00	29.71 1.89 0.00	31.45 2.22 0.00	38.49 2.98 0.00	42.92 2.73 0.00	43.10 3.22 -0.10	43.84 2.62 -0.36	42.61 2.31 -0.51	44.27 1.58 -0.98	42.48 1.55 1.04	43.99 1.41 5.99	46.53 1.39 4.44	50.18 1.37 2.06	51.11 1.74 4.93	62.25 2.48 -0.83	61.84 1.96 -0.53	59.47 2.17 -0.30	54.86 2.11 0.00	51.17 1.35 0.00	41.46 0.17 -0.14	38.60 1.47 -0.39
SPIERFLS_115KV_TB 1 80737	33.46 0.97 0.00	29.99 0.79 0.00	29.03 0.79 0.00	28.16 0.71 0.00	28.59 0.78 0.00	30.08 0.85 0.00	36.57 1.07 0.00	41.15 0.96 0.00	40.83 1.11 0.07	41.45 0.86 0.27	39.65 0.24 0.38	41.09 0.13 0.74	41.47 0.21 0.71	47.43 0.15 1.29	48.19 -0.10 1.29	49.90 0.05 1.01	53.58 0.11 0.83	58.61 0.29 0.63	60.19 1.25 0.41	57.90 1.14 0.23	54.07 1.32 0.00	50.71 0.90 0.00	41.85 0.82 0.12	37.25 0.81 0.29
ST LAWRENCE____ 23600	32.81 0.32 0.00	29.49 0.29 0.00	28.49 0.25 0.00	27.72 0.27 0.00	28.06 0.25 0.00	29.55 0.32 0.00	35.90 0.39 0.00	40.67 0.48 0.00	40.27 0.48 0.00	41.31 0.45 0.00	40.23 0.44 0.00	42.12 0.42 0.00	42.34 0.38 0.00	49.00 0.44 0.00	50.02 0.45 0.00	51.31 0.46 0.00	54.68 0.38 0.00	59.30 0.36 0.00	59.77 0.42 0.00	57.40 0.40 0.00	53.17 0.42 0.00	50.32 0.50 0.00	41.52 0.37 0.00	37.14 0.40 0.00

STATE_CA_115KV_115_LB 55624	32.68 0.19 0.00	29.47 0.26 0.00	28.52 0.28 0.00	27.69 0.25 0.00	28.09 0.28 0.00	29.52 0.29 0.00	35.72 0.21 0.00	40.26 0.08 0.00	40.00 0.28 0.07	40.68 0.08 0.26	39.38 -0.04 0.37	40.87 -0.13 0.71	41.25 -0.04 0.68	47.14 -0.19 1.24	48.04 -0.30 1.24	49.58 -0.31 0.97	53.28 -0.22 0.80	58.22 -0.12 0.60	58.90 -0.06 0.39	56.66 -0.11 0.22	52.59 -0.16 0.00	49.52 -0.30 0.00	40.87 -0.16 0.12	36.34 -0.11 0.28
STATE_ST_34_KV_LOAD 55959	32.48 0.00 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.20 -0.03 0.00	35.44 -0.07 0.00	40.26 0.08 0.00	39.71 -0.08 0.00	40.94 0.08 0.00	39.99 0.20 0.00	42.04 0.33 0.00	42.34 0.38 0.00	49.05 0.49 0.00	50.07 0.50 0.00	51.47 0.61 0.00	54.73 0.43 0.00	59.36 0.41 0.00	59.77 0.42 0.00	57.51 0.51 0.00	53.22 0.47 0.00	50.32 0.50 0.00	41.68 0.53 0.00	37.07 0.33 0.00
STATION_5_MISC_HYD 23604	32.71 0.23 0.00	29.38 0.18 0.00	28.44 0.20 0.00	27.52 0.08 0.00	27.95 0.14 0.00	29.35 0.12 0.00	35.26 -0.25 0.00	40.10 -0.08 0.00	39.27 -0.52 0.00	41.11 0.25 0.00	40.19 0.40 0.00	42.50 0.79 0.00	42.72 0.76 0.00	49.64 1.07 0.00	50.92 1.34 0.00	52.28 1.42 0.00	55.55 1.25 0.00	59.95 1.00 0.00	60.18 0.83 0.00	57.79 0.80 0.00	53.59 0.84 0.00	51.26 1.45 0.00	42.42 1.28 0.00	37.76 1.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.48 0.00 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.36 -0.08 0.00	27.79 -0.03 0.00	29.17 -0.06 0.00	35.22 -0.28 0.00	40.10 -0.08 0.00	39.39 -0.40 0.00	40.94 0.08 0.00	40.03 0.24 0.00	42.25 0.54 0.00	42.55 0.59 0.00	49.35 0.78 0.00	50.47 0.89 0.00	51.98 1.12 0.00	55.17 0.87 0.00	59.59 0.65 0.00	59.89 0.53 0.00	57.57 0.57 0.00	53.27 0.53 0.00	50.61 0.80 0.00	42.05 0.91 0.00	37.36 0.62 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.45 -0.03 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.33 -0.11 0.00	27.76 -0.06 0.00	29.12 -0.12 0.00	35.01 -0.50 0.00	39.86 -0.32 0.00	39.07 -0.72 0.00	40.82 -0.04 0.00	39.95 0.16 0.00	42.25 0.54 0.00	42.51 0.55 0.00	49.39 0.83 0.00	50.57 0.99 0.00	52.08 1.22 0.00	55.22 0.92 0.00	59.59 0.65 0.00	59.83 0.47 0.00	57.45 0.46 0.00	53.22 0.47 0.00	50.66 0.85 0.00	42.09 0.95 0.00	37.40 0.66 0.00
STA_56___34_KV_BUS2 355983	32.45 -0.03 0.00	29.17 -0.03 0.00	28.24 0.00 0.00	27.33 -0.11 0.00	27.76 -0.06 0.00	29.12 -0.12 0.00	35.01 -0.50 0.00	39.86 -0.32 0.00	39.07 -0.72 0.00	40.82 -0.04 0.00	39.95 0.16 0.00	42.25 0.54 0.00	42.51 0.55 0.00	49.39 0.83 0.00	50.57 0.99 0.00	52.08 1.22 0.00	55.22 0.92 0.00	59.59 0.65 0.00	59.83 0.47 0.00	57.45 0.46 0.00	53.22 0.47 0.00	50.66 0.85 0.00	42.09 0.95 0.00	37.40 0.66 0.00
STA_67___115KV_BK2 355882	32.58 0.10 0.00	29.29 0.09 0.00	28.38 0.14 0.00	27.47 0.03 0.00	27.90 0.08 0.00	29.23 0.00 0.00	35.15 -0.36 0.00	39.98 -0.20 0.00	39.11 -0.68 0.00	40.90 0.04 0.00	40.03 0.24 0.00	42.33 0.63 0.00	42.64 0.67 0.00	49.49 0.92 0.00	50.72 1.14 0.00	52.23 1.37 0.00	55.33 1.03 0.00	59.71 0.77 0.00	59.95 0.59 0.00	57.62 0.63 0.00	53.38 0.63 0.00	50.86 1.05 0.00	42.30 1.15 0.00	37.62 0.88 0.00
STA_7___115KV_9TRANS 80674	32.84 0.36 0.00	29.52 0.32 0.00	28.58 0.34 0.00	27.66 0.22 0.00	28.09 0.28 0.00	29.44 0.20 0.00	35.40 -0.11 0.00	40.30 0.12 0.00	39.51 -0.28 0.00	41.31 0.45 0.00	40.47 0.68 0.00	42.79 1.08 0.00	43.10 1.13 0.00	50.07 1.51 0.00	51.31 1.74 0.00	52.84 1.98 0.00	55.98 1.68 0.00	60.42 1.47 0.00	60.60 1.25 0.00	58.25 1.25 0.00	53.96 1.21 0.00	51.36 1.54 0.00	42.71 1.56 0.00	37.91 1.18 0.00
STA_82___115KV_TB1 80780	32.61 0.13 0.00	29.32 0.12 0.00	28.38 0.14 0.00	27.50 0.05 0.00	27.90 0.08 0.00	29.26 0.03 0.00	35.15 -0.36 0.00	39.98 -0.20 0.00	39.15 -0.64 0.00	40.90 0.04 0.00	40.07 0.28 0.00	42.37 0.67 0.00	42.64 0.67 0.00	49.49 0.92 0.00	50.72 1.14 0.00	52.28 1.42 0.00	55.39 1.09 0.00	59.77 0.83 0.00	60.00 0.65 0.00	57.62 0.63 0.00	53.43 0.69 0.00	50.86 1.05 0.00	42.34 1.19 0.00	37.62 0.88 0.00
STEEL___WIND 323596	32.32 -0.16 0.00	29.14 -0.06 0.00	28.21 -0.03 0.00	27.41 -0.03 0.00	27.81 0.00 0.00	29.14 -0.09 0.00	34.76 -0.75 0.00	39.54 -0.64 0.00	38.39 -1.39 0.00	40.70 -0.16 0.00	39.87 0.08 0.00	42.29 0.58 0.00	42.60 0.63 0.00	49.49 0.92 0.00	50.82 1.24 0.00	52.38 1.52 0.00	55.49 1.19 0.00	59.65 0.71 0.00	59.95 0.59 0.00	57.51 0.51 0.00	53.22 0.47 0.00	51.26 1.45 0.00	42.71 1.56 0.00	38.17 1.43 0.00
STEPHTWN_115KV_BK_2 55603	32.84 0.36 0.00	29.58 0.38 0.00	28.64 0.40 0.00	27.77 0.33 0.00	28.18 0.36 0.00	29.64 0.41 0.00	35.90 0.39 0.00	40.42 0.24 0.00	40.16 0.44 0.07	40.85 0.25 0.26	39.55 0.12 0.36	41.06 0.04 0.69	41.43 0.13 0.66	47.31 -0.05 1.21	48.27 -0.10 1.21	49.81 -0.10 0.95	53.57 0.05 0.78	58.53 0.18 0.59	59.27 0.30 0.38	56.95 0.17 0.22	52.90 0.16 0.00	49.77 -0.05 0.00	41.07 0.04 0.11	36.50 0.04 0.28
STEUBEN_REC_LFGE 323667	32.19 -0.29 0.00	29.00 -0.20 0.00	28.07 -0.17 0.00	27.39 -0.05 0.00	27.84 0.03 0.00	29.26 0.03 0.00	35.37 -0.14 0.00	40.47 0.28 0.00	39.59 -0.20 0.00	41.39 0.53 0.00	40.51 0.72 0.00	42.79 1.08 0.00	43.31 1.34 0.00	50.12 1.55 0.00	51.26 1.69 0.00	52.99 2.14 0.00	56.20 1.90 0.00	60.65 1.71 0.00	61.01 1.66 0.00	58.76 1.77 0.00	54.38 1.64 0.00	51.66 1.84 0.00	43.24 2.10 0.00	38.39 1.65 0.00
STILLWATER___SOLAR 323814	33.55 1.07 0.00	30.14 0.93 0.00	29.17 0.93 0.00	28.32 0.88 0.00	28.73 0.92 0.00	30.20 0.96 0.00	36.68 1.17 0.00	41.35 1.17 0.00	40.94 1.23 0.08	41.58 1.02 0.30	40.08 0.72 0.43	41.55 0.67 0.82	41.89 0.71 0.79	47.86 0.73 1.43	48.78 0.64 1.44	50.50 0.76 1.12	54.24 0.87 0.93	59.36 1.12 0.70	60.44 1.54 0.45	58.16 1.43 0.26	54.12 1.37 0.00	50.91 1.09 0.00	42.00 0.99 0.13	37.33 0.92 0.33
STONY___BROOK 24151	34.50 2.01 0.00	30.75 1.55 0.00	29.60 1.36 0.00	28.68 1.24 0.00	29.04 1.22 0.00	30.72 1.49 0.00	37.68 2.17 0.00	42.07 1.89 0.00	42.27 2.39 -0.10	43.11 1.88 -0.36	41.86 1.55 -0.51	43.56 0.88 -0.98	41.86 0.92 1.03	43.35 0.73 5.95	45.86 0.69 4.41	49.48 0.66 2.04	50.48 1.09 4.90	61.13 1.36 -0.83	60.89 1.01 -0.53	58.61 1.31 -0.30	54.17 1.42 0.00	50.62 0.79 0.00	41.46 0.17 -0.15	38.41 1.29 -0.39
STURGEON_POOL_HYD 23609	33.33 0.84 0.00	29.87 0.67 0.00	28.86 0.62 0.00	28.02 0.58 0.00	28.43 0.61 0.00	29.82 0.58 0.00	36.47 0.96 0.00	41.15 0.96 0.00	41.14 1.31 -0.04	42.22 1.19 -0.17	41.03 0.99 -0.24	43.17 1.00 -0.46	43.50 1.09 -0.44	50.44 1.07 -0.80	51.38 0.99 -0.81	52.45 0.97 -0.63	56.23 1.41 -0.52	61.05 1.71 -0.39	61.15 1.54 -0.25	58.57 1.42 -0.15	53.70 0.95 0.00	50.57 0.75 0.00	42.00 0.78 -0.07	37.58 0.66 -0.18

ST_LAW_115_BK7_LBMP 345037	32.84 0.36 0.00	29.52 0.32 0.00	28.52 0.28 0.00	27.74 0.30 0.00	28.09 0.28 0.00	29.58 0.35 0.00	35.94 0.43 0.00	40.75 0.56 0.00	40.34 0.56 0.00	41.39 0.53 0.00	40.31 0.52 0.00	42.21 0.50 0.00	42.39 0.42 0.00	49.10 0.54 0.00	50.12 0.55 0.00	51.37 0.51 0.00	54.73 0.43 0.00	59.36 0.42 0.00	59.82 0.47 0.00	57.51 0.51 0.00	53.22 0.47 0.00	50.42 0.60 0.00	41.60 0.45 0.00	37.18 0.44 0.00
ST_LAW_115_BK8_LBMP 345038	32.84 0.36 0.00	29.52 0.32 0.00	28.52 0.28 0.00	27.74 0.30 0.00	28.09 0.28 0.00	29.58 0.35 0.00	35.94 0.43 0.00	40.75 0.56 0.00	40.34 0.56 0.00	41.39 0.53 0.00	40.31 0.52 0.00	42.21 0.50 0.00	42.39 0.42 0.00	49.10 0.54 0.00	50.12 0.55 0.00	51.37 0.51 0.00	54.73 0.43 0.00	59.36 0.42 0.00	59.82 0.47 0.00	57.51 0.51 0.00	53.22 0.47 0.00	50.42 0.60 0.00	41.60 0.45 0.00	37.18 0.44 0.00
ST_LAW_230_BK5_LBMP 345035	32.81 0.32 0.00	29.49 0.29 0.00	28.49 0.25 0.00	27.72 0.27 0.00	28.06 0.25 0.00	29.55 0.32 0.00	35.90 0.39 0.00	40.67 0.48 0.00	40.27 0.48 0.00	41.31 0.45 0.00	40.23 0.44 0.00	42.12 0.42 0.00	42.34 0.38 0.00	49.00 0.44 0.00	50.02 0.45 0.00	51.31 0.46 0.00	54.68 0.38 0.00	59.30 0.36 0.00	59.77 0.42 0.00	57.40 0.40 0.00	53.17 0.42 0.00	50.32 0.50 0.00	41.52 0.37 0.00	37.14 0.40 0.00
ST_LAW_230_BK6_LBMP 345036	32.81 0.32 0.00	29.49 0.29 0.00	28.49 0.25 0.00	27.72 0.27 0.00	28.06 0.25 0.00	29.55 0.32 0.00	35.90 0.39 0.00	40.67 0.48 0.00	40.27 0.48 0.00	41.31 0.45 0.00	40.23 0.44 0.00	42.12 0.42 0.00	42.34 0.38 0.00	49.00 0.44 0.00	50.02 0.45 0.00	51.31 0.46 0.00	54.68 0.38 0.00	59.30 0.36 0.00	59.77 0.42 0.00	57.40 0.40 0.00	53.17 0.42 0.00	50.32 0.50 0.00	41.52 0.37 0.00	37.14 0.40 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.36 0.88 0.00	29.90 0.70 0.00	28.86 0.62 0.00	28.05 0.60 0.00	28.43 0.61 0.00	29.88 0.64 0.00	36.54 1.03 0.00	41.23 1.04 0.00	41.09 1.23 -0.07	42.25 1.10 -0.28	41.18 0.99 -0.40	43.38 0.92 -0.76	43.74 1.05 -0.73	50.87 0.97 -1.33	51.80 0.89 -1.33	52.76 0.86 -1.04	56.46 1.30 -0.86	61.06 1.47 -0.65	61.14 1.37 -0.42	58.49 1.25 -0.24	53.80 1.05 0.00	50.67 0.85 0.00	42.01 0.74 -0.12	37.66 0.62 -0.30
SWANROAD_115KV_TB1 355699	31.90 -0.58 0.00	28.85 -0.35 0.00	27.93 -0.31 0.00	27.28 -0.16 0.00	27.65 -0.17 0.00	28.85 -0.38 0.00	34.12 -1.38 0.00	38.74 -1.45 0.00	37.44 -2.35 0.00	39.68 -1.19 0.00	38.88 -0.92 0.00	41.33 -0.38 0.00	41.67 -0.29 0.00	48.33 -0.24 0.00	49.58 0.00 0.00	51.37 0.51 0.00	54.14 -0.16 0.00	58.24 -0.71 0.00	58.52 -0.83 0.00	56.14 -0.85 0.00	52.06 -0.69 0.00	49.92 0.10 0.00	42.01 0.86 0.00	37.65 0.92 0.00
SYNERGY___BIOGAS 323694	33.07 0.58 0.00	29.76 0.55 0.00	28.83 0.59 0.00	27.99 0.55 0.00	28.43 0.61 0.00	29.79 0.56 0.00	35.47 -0.04 0.00	40.71 0.52 0.00	39.55 -0.24 0.00	41.48 0.61 0.00	40.67 0.88 0.00	43.12 1.42 0.00	43.43 1.47 0.00	50.51 1.94 0.00	51.81 2.23 0.00	53.55 2.70 0.00	56.58 2.28 0.00	60.95 2.00 0.00	61.25 1.90 0.00	58.93 1.94 0.00	54.70 1.95 0.00	52.31 2.49 0.00	43.61 2.47 0.00	38.83 2.09 0.00
SYRACUSE___ENERGY_ST1 323597	32.26 -0.23 0.00	29.00 -0.20 0.00	28.04 -0.20 0.00	27.25 -0.19 0.00	27.62 -0.19 0.00	29.00 -0.23 0.00	35.22 -0.28 0.00	39.98 -0.20 0.00	39.47 -0.32 0.00	40.70 -0.16 0.00	39.71 -0.08 0.00	41.71 0.00 0.00	42.01 0.04 0.00	48.67 0.10 0.00	49.68 0.10 0.00	50.96 0.10 0.00	54.25 -0.05 0.00	58.77 -0.18 0.00	59.11 -0.24 0.00	56.82 -0.17 0.00	52.59 -0.16 0.00	49.72 -0.10 0.00	41.19 0.04 0.00	36.66 -0.07 0.00
SYRACUSE___ENERGY_ST2 323598	32.26 -0.23 0.00	29.00 -0.20 0.00	28.04 -0.20 0.00	27.25 -0.19 0.00	27.62 -0.19 0.00	29.00 -0.23 0.00	35.22 -0.28 0.00	39.98 -0.20 0.00	39.47 -0.32 0.00	40.70 -0.16 0.00	39.71 -0.08 0.00	41.71 0.00 0.00	42.01 0.04 0.00	48.67 0.10 0.00	49.68 0.10 0.00	50.96 0.10 0.00	54.25 -0.05 0.00	58.77 -0.18 0.00	59.11 -0.24 0.00	56.82 -0.17 0.00	52.59 -0.16 0.00	49.72 -0.10 0.00	41.19 0.04 0.00	36.66 -0.07 0.00
SYRACUSE___POWER 24017	32.19 -0.29 0.00	28.94 -0.26 0.00	27.99 -0.25 0.00	27.20 -0.25 0.00	27.56 -0.25 0.00	28.94 -0.29 0.00	35.15 -0.36 0.00	39.90 -0.28 0.00	39.43 -0.36 0.00	40.62 -0.25 0.00	39.63 -0.16 0.00	41.66 -0.04 0.00	41.97 0.00 0.00	48.62 0.05 0.00	49.63 0.05 0.00	50.91 0.05 0.00	54.19 -0.11 0.00	58.77 -0.18 0.00	59.11 -0.24 0.00	56.82 -0.17 0.00	52.54 -0.21 0.00	49.67 -0.15 0.00	41.15 0.00 0.00	36.63 -0.11 0.00
TALLMAN___138KV_BK151 55660	33.56 1.07 0.00	30.08 0.88 0.00	29.00 0.76 0.00	28.18 0.74 0.00	28.56 0.75 0.00	30.02 0.79 0.00	36.79 1.28 0.00	41.51 1.33 0.00	41.42 1.55 -0.08	42.60 1.43 -0.31	41.54 1.31 -0.44	43.80 1.25 -0.84	44.15 1.38 -0.80	51.35 1.31 -1.47	52.24 1.19 -1.47	53.23 1.22 -1.15	56.93 1.68 -0.95	61.55 1.89 -0.72	61.48 1.66 -0.46	58.80 1.54 -0.27	54.07 1.32 0.00	50.97 1.15 0.00	42.23 0.95 -0.14	37.88 0.81 -0.34
TEALLAVE_115KV_TB7 355573	32.09 -0.39 0.00	28.85 -0.35 0.00	27.90 -0.34 0.00	27.11 -0.33 0.00	27.48 -0.33 0.00	28.85 -0.38 0.00	35.05 -0.46 0.00	39.74 -0.44 0.00	39.31 -0.48 0.00	40.54 -0.33 0.00	39.55 -0.24 0.00	41.54 -0.17 0.00	41.84 -0.13 0.00	48.47 -0.10 0.00	49.48 -0.10 0.00	50.70 -0.15 0.00	53.97 -0.33 0.00	58.53 -0.41 0.00	58.88 -0.47 0.00	56.54 -0.46 0.00	52.32 -0.42 0.00	49.47 -0.35 0.00	40.98 -0.16 0.00	36.52 -0.22 0.00
TELGRAPH_34_KV_EAST 80808	32.55 0.06 0.00	29.35 0.15 0.00	28.44 0.20 0.00	27.66 0.22 0.00	28.06 0.25 0.00	29.35 0.12 0.00	34.87 -0.64 0.00	39.70 -0.48 0.00	38.51 -1.27 0.00	40.70 -0.16 0.00	39.91 0.12 0.00	42.37 0.67 0.00	42.68 0.71 0.00	49.59 1.02 0.00	50.87 1.29 0.00	52.64 1.78 0.00	55.55 1.25 0.00	59.77 0.83 0.00	60.06 0.71 0.00	57.68 0.68 0.00	53.49 0.74 0.00	51.21 1.39 0.00	42.87 1.73 0.00	38.28 1.54 0.00
TEMPLE___115KV_TB 2 55572	32.09 -0.39 0.00	28.85 -0.35 0.00	27.93 -0.31 0.00	27.11 -0.33 0.00	27.51 -0.31 0.00	28.88 -0.35 0.00	35.05 -0.46 0.00	39.78 -0.40 0.00	39.31 -0.48 0.00	40.54 -0.33 0.00	39.55 -0.24 0.00	41.58 -0.13 0.00	41.88 -0.08 0.00	48.52 -0.05 0.00	49.53 -0.05 0.00	50.76 -0.10 0.00	54.03 -0.27 0.00	58.53 -0.41 0.00	58.88 -0.47 0.00	56.60 -0.40 0.00	52.32 -0.42 0.00	49.47 -0.35 0.00	41.02 -0.12 0.00	36.52 -0.22 0.00
TIANA____69_KV_BK 1 55817	34.47 1.98 0.00	30.72 1.52 0.00	29.60 1.36 0.00	28.68 1.23 0.00	29.51 1.70 0.00	30.75 1.52 0.00	37.71 2.20 0.00	42.23 2.05 0.00	42.35 2.47 -0.10	43.31 2.08 -0.36	42.18 1.87 -0.51	43.64 0.96 -0.98	41.94 1.01 1.04	43.31 0.73 5.99	45.79 0.64 4.44	49.46 0.66 2.06	50.40 1.03 4.93	61.43 1.65 -0.83	61.01 1.13 -0.53	58.95 1.65 -0.30	54.65 1.90 0.00	51.56 1.74 0.00	41.46 0.16 -0.14	38.49 1.36 -0.39

TILDEN___115KV_TB1 80814	32.19 -0.29 0.00	28.94 -0.26 0.00	27.99 -0.25 0.00	27.20 -0.25 0.00	27.56 -0.25 0.00	28.94 -0.29 0.00	35.15 -0.36 0.00	39.90 -0.28 0.00	39.43 -0.36 0.00	40.62 -0.25 0.00	39.63 -0.16 0.00	41.66 -0.04 0.00	41.97 0.00 0.00	48.62 0.05 0.00	49.63 0.05 0.00	50.91 0.05 0.00	54.19 -0.11 0.00	58.77 -0.18 0.00	59.11 -0.24 0.00	56.82 -0.17 0.00	52.54 -0.21 0.00	49.67 -0.15 0.00	41.15 0.00 0.00	36.63 -0.11 0.00
TRIGEN___CC 323695	34.17 1.69 0.00	30.49 1.28 0.00	29.34 1.10 0.00	28.46 1.02 0.00	28.98 1.17 0.00	30.46 1.23 0.00	37.36 1.85 0.00	41.95 1.77 0.00	41.99 2.11 -0.10	43.03 1.80 -0.36	41.94 1.63 -0.51	43.81 1.13 -0.98	43.70 1.26 -0.48	49.51 1.02 0.08	50.81 0.94 -0.29	52.33 0.92 -0.55	55.36 1.36 0.30	61.43 1.65 -0.83	61.25 1.37 -0.54	58.56 1.25 -0.31	53.91 1.16 0.00	50.82 1.00 0.00	41.87 0.58 -0.15	38.27 1.14 -0.39
TRINITY___115KV___4 BK 55933	32.55 0.06 0.00	29.38 0.18 0.00	28.44 0.20 0.00	27.61 0.16 0.00	28.01 0.19 0.00	29.41 0.18 0.00	35.58 0.07 0.00	40.10 -0.08 0.00	39.80 0.08 0.07	40.52 -0.08 0.26	39.23 -0.20 0.37	40.71 -0.29 0.70	41.08 -0.21 0.67	46.95 -0.39 1.23	47.85 -0.50 1.23	49.38 -0.51 0.96	53.07 -0.43 0.80	57.99 -0.35 0.60	58.67 -0.30 0.39	56.37 -0.40 0.22	52.38 -0.37 0.00	49.32 -0.50 0.00	40.66 -0.37 0.11	36.16 -0.29 0.28
UNION___PROCESSING_DRP 323587	32.61 0.13 0.00	29.32 0.12 0.00	28.38 0.14 0.00	27.50 0.05 0.00	27.90 0.08 0.00	29.26 0.03 0.00	35.15 -0.36 0.00	40.02 -0.16 0.00	39.15 -0.64 0.00	40.94 0.08 0.00	40.07 0.28 0.00	42.37 0.67 0.00	42.68 0.71 0.00	49.54 0.97 0.00	50.72 1.14 0.00	52.28 1.42 0.00	55.39 1.09 0.00	59.77 0.83 0.00	60.00 0.65 0.00	57.68 0.68 0.00	53.43 0.69 0.00	50.91 1.10 0.00	42.34 1.19 0.00	37.62 0.88 0.00
UPPER HUDSON___HYD 24058	33.46 0.97 0.00	29.99 0.79 0.00	29.03 0.79 0.00	28.15 0.71 0.00	28.56 0.75 0.00	30.08 0.85 0.00	36.54 1.03 0.00	41.15 0.96 0.00	40.83 1.11 0.07	41.45 0.86 0.27	39.65 0.24 0.38	41.09 0.13 0.74	41.43 0.17 0.71	47.43 0.15 1.29	48.24 -0.05 1.29	49.95 0.10 1.01	53.58 0.11 0.83	58.61 0.30 0.63	60.19 1.25 0.41	57.90 1.14 0.23	53.96 1.21 0.00	50.61 0.79 0.00	41.81 0.78 0.12	37.25 0.81 0.29
UPPER RAQUET___HYD 24056	33.65 1.17 0.00	30.28 1.08 0.00	29.23 0.99 0.00	28.43 0.99 0.00	28.79 0.97 0.00	30.34 1.11 0.00	36.93 1.42 0.00	41.95 1.77 0.00	41.46 1.67 0.00	42.45 1.59 0.00	41.34 1.55 0.00	43.25 1.54 0.00	43.39 1.43 0.00	50.31 1.75 0.00	51.36 1.78 0.00	52.69 1.83 0.00	55.77 1.47 0.00	60.06 1.12 0.00	60.77 1.42 0.00	58.53 1.54 0.00	54.28 1.53 0.00	51.76 1.94 0.00	42.87 1.73 0.00	38.35 1.61 0.00
VALLEY44_115KV_TB2 355964	31.87 -0.62 0.00	28.79 -0.41 0.00	27.85 -0.40 0.00	27.11 -0.33 0.00	27.51 -0.31 0.00	28.76 -0.47 0.00	34.48 -1.03 0.00	39.30 -0.88 0.00	38.20 -1.59 0.00	40.21 -0.65 0.00	39.43 -0.36 0.00	41.75 0.04 0.00	42.18 0.21 0.00	49.01 0.44 0.00	49.97 0.40 0.00	51.82 0.97 0.00	54.95 0.65 0.00	59.00 0.06 0.00	59.29 -0.06 0.00	57.05 0.06 0.00	52.80 0.05 0.00	50.27 0.45 0.00	42.13 0.99 0.00	37.43 0.70 0.00
VALLEY___115KV_TB 1-4 80826	32.29 -0.19 0.00	29.03 -0.18 0.00	28.04 -0.20 0.00	27.25 -0.19 0.00	27.62 -0.19 0.00	29.06 -0.18 0.00	35.37 -0.14 0.00	40.10 -0.08 0.00	39.75 -0.04 0.00	40.82 -0.04 0.00	39.79 0.00 0.00	41.75 0.04 0.00	42.05 0.08 0.00	48.71 0.15 0.00	49.68 0.10 0.00	51.01 0.15 0.00	54.52 0.22 0.00	59.12 0.18 0.00	59.71 0.36 0.00	57.28 0.28 0.00	53.01 0.26 0.00	49.97 0.15 0.00	41.27 0.12 0.00	36.81 0.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.56 1.07 0.00	30.17 0.96 0.00	29.20 0.96 0.00	28.38 0.93 0.00	28.76 0.95 0.00	30.20 0.96 0.00	36.75 1.24 0.00	41.71 1.53 0.00	41.39 1.59 -0.02	42.51 1.59 -0.06	41.51 1.63 -0.08	43.57 1.71 -0.15	43.88 1.76 -0.15	50.83 1.99 -0.27	51.73 1.88 -0.27	53.05 1.98 -0.21	56.65 2.17 -0.18	61.26 2.18 -0.13	61.81 2.37 -0.09	59.21 2.17 -0.05	54.70 1.95 0.00	51.61 1.79 0.00	42.69 1.52 -0.03	38.05 1.25 -0.06
VISCHER___FERRY HYD 24020	33.20 0.71 0.00	29.90 0.70 0.00	28.92 0.68 0.00	28.07 0.63 0.00	28.48 0.67 0.00	29.93 0.70 0.00	36.33 0.82 0.00	40.95 0.76 0.00	40.56 0.87 0.10	41.18 0.69 0.38	39.82 0.56 0.53	41.19 0.50 1.02	41.53 0.54 0.98	47.27 0.49 1.79	48.28 0.50 1.79	49.96 0.51 1.40	53.80 0.65 1.16	58.90 0.82 0.87	59.73 0.95 0.57	57.53 0.86 0.32	53.54 0.79 0.00	50.31 0.50 0.00	41.47 0.50 0.17	36.80 0.48 0.41
V_A_10_SYNC_DSASP 323832	32.19 -0.29 0.00	29.06 -0.15 0.00	28.13 -0.11 0.00	27.25 -0.19 0.00	27.65 -0.17 0.00	28.88 -0.35 0.00	34.55 -0.96 0.00	39.22 -0.96 0.00	38.08 -1.71 0.00	40.09 -0.78 0.00	39.24 -0.56 0.00	41.62 -0.08 0.00	41.92 -0.04 0.00	48.62 0.05 0.00	49.83 0.25 0.00	51.52 0.66 0.00	54.46 0.16 0.00	58.65 -0.29 0.00	58.94 -0.42 0.00	56.60 -0.40 0.00	52.48 -0.26 0.00	50.17 0.35 0.00	42.05 0.91 0.00	37.40 0.66 0.00
V_CMM_10_SYNC_DSASP 323787	33.00 0.52 0.00	29.67 0.47 0.00	28.66 0.42 0.00	27.88 0.44 0.00	28.23 0.42 0.00	29.73 0.50 0.00	36.15 0.64 0.00	41.03 0.85 0.00	40.58 0.80 0.00	41.64 0.77 0.00	40.59 0.80 0.00	42.46 0.75 0.00	42.64 0.67 0.00	49.39 0.82 0.00	50.42 0.84 0.00	51.67 0.81 0.00	55.00 0.70 0.00	59.65 0.71 0.00	60.12 0.77 0.00	57.73 0.74 0.00	53.48 0.74 0.00	50.66 0.85 0.00	41.80 0.66 0.00	37.40 0.66 0.00
V_CMP_10_SYNC_DSASP 323788	33.95 1.46 0.00	30.55 1.34 0.00	29.51 1.27 0.00	28.71 1.26 0.00	29.04 1.22 0.00	30.64 1.40 0.00	37.21 1.70 0.00	42.39 2.21 0.00	41.93 2.15 0.00	43.11 2.25 0.00	42.02 2.23 0.00	43.91 2.21 0.00	44.10 2.14 0.00	50.31 1.75 0.00	50.96 1.39 0.00	52.28 1.42 0.00	55.55 1.25 0.00	60.30 1.36 0.00	60.77 1.42 0.00	58.47 1.48 0.00	54.12 1.37 0.00	51.51 1.69 0.00	43.12 1.97 0.00	38.54 1.80 0.00
V_D_10_SYNC_DSASP 323841	33.33 0.84 0.00	29.99 0.79 0.00	28.97 0.73 0.00	28.15 0.71 0.00	28.51 0.70 0.00	30.05 0.82 0.00	36.50 0.99 0.00	41.47 1.29 0.00	41.02 1.23 0.00	42.09 1.22 0.00	41.03 1.23 0.00	42.92 1.21 0.00	43.06 1.09 0.00	49.93 1.36 0.00	50.96 1.39 0.00	52.23 1.37 0.00	55.55 1.25 0.00	60.18 1.24 0.00	60.66 1.30 0.00	58.36 1.37 0.00	54.07 1.32 0.00	51.21 1.39 0.00	42.30 1.15 0.00	37.84 1.10 0.00
V_E_10_SYNC_DSASP 323830	34.20 1.72 0.00	30.75 1.55 0.00	29.65 1.41 0.00	28.87 1.43 0.00	29.29 1.47 0.00	30.78 1.55 0.00	37.64 2.13 0.00	42.92 2.73 0.00	43.82 4.02 -0.01	45.13 4.21 -0.05	44.32 4.46 -0.08	46.81 4.96 -0.15	46.89 4.78 -0.14	54.89 6.07 -0.25	55.68 5.85 -0.25	57.31 6.25 -0.20	61.03 6.57 -0.16	65.38 6.31 -0.12	66.79 7.36 -0.08	63.88 6.84 -0.05	59.13 6.38 0.00	55.74 5.93 0.00	45.94 4.77 -0.02	40.83 4.04 -0.06

V_F_30_NSYNC___DSASP 323816	33.62 1.14 0.00	30.16 0.96 0.00	29.20 0.96 0.00	28.35 0.90 0.00	28.76 0.95 0.00	30.25 1.02 0.00	36.72 1.21 0.00	41.43 1.25 0.00	41.02 1.31 0.08	41.68 1.10 0.29	40.18 0.80 0.41	41.67 0.75 0.78	42.01 0.80 0.75	48.02 0.82 1.37	49.00 0.79 1.37	50.65 0.86 1.07	54.39 0.98 0.89	59.52 1.24 0.67	60.58 1.66 0.43	58.29 1.54 0.25	54.22 1.47 0.00	50.96 1.15 0.00	42.09 1.07 0.13	37.38 0.95 0.31
V_F_30_SYNC_DSASP 323786	32.68 0.19 0.00	29.47 0.26 0.00	28.52 0.28 0.00	27.69 0.25 0.00	28.09 0.28 0.00	29.52 0.29 0.00	35.72 0.21 0.00	40.26 0.08 0.00	39.96 0.24 0.07	40.68 0.08 0.26	39.38 -0.04 0.37	40.87 -0.13 0.71	41.25 -0.04 0.68	47.14 -0.19 1.24	48.04 -0.30 1.24	49.58 -0.31 0.97	53.28 -0.22 0.80	58.22 -0.12 0.60	58.90 -0.06 0.39	56.66 -0.11 0.22	52.59 -0.16 0.00	49.52 -0.30 0.00	40.87 -0.16 0.12	36.31 -0.15 0.28
V_XM_10_SYNC_DSASP 323789	33.95 1.46 0.00	30.55 1.34 0.00	29.51 1.27 0.00	28.71 1.26 0.00	29.04 1.22 0.00	30.64 1.40 0.00	37.21 1.70 0.00	42.39 2.21 0.00	41.93 2.15 0.00	43.11 2.25 0.00	42.02 2.23 0.00	43.91 2.21 0.00	44.10 2.14 0.00	50.31 1.75 0.00	50.96 1.39 0.00	52.28 1.42 0.00	55.55 1.25 0.00	60.30 1.36 0.00	60.77 1.42 0.00	58.47 1.48 0.00	54.12 1.37 0.00	51.51 1.69 0.00	43.12 1.97 0.00	38.54 1.80 0.00
W.BABYLN_69_KV_BK1 56697	34.79 2.31 0.00	30.98 1.78 0.00	29.82 1.58 0.00	28.90 1.45 0.00	29.51 1.70 0.00	30.99 1.75 0.00	37.89 2.38 0.00	42.43 2.25 0.00	42.47 2.59 -0.10	43.43 2.21 -0.36	42.26 1.95 -0.51	43.89 1.21 -0.98	42.42 1.26 0.81	44.50 1.02 5.08	46.86 0.99 3.71	50.22 1.02 1.66	51.60 1.52 4.22	61.66 1.89 -0.83	61.54 1.66 -0.53	59.01 1.71 -0.31	54.59 1.85 0.00	51.37 1.54 0.00	42.11 0.82 -0.15	38.89 1.76 -0.39
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.72 1.23 0.00	30.22 1.02 0.00	29.14 0.90 0.00	28.29 0.85 0.00	28.70 0.89 0.00	30.17 0.94 0.00	36.93 1.42 0.00	41.67 1.49 0.00	41.62 1.75 -0.08	42.82 1.63 -0.32	41.72 1.47 -0.45	44.03 1.46 -0.87	44.39 1.59 -0.83	51.64 1.55 -1.52	52.54 1.44 -1.52	53.52 1.47 -1.19	57.24 1.95 -0.98	61.92 2.24 -0.74	61.85 2.02 -0.48	59.15 1.88 -0.28	54.38 1.64 0.00	51.17 1.35 0.00	42.44 1.15 -0.14	38.04 0.96 -0.35
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.85 1.36 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.35 0.91 0.00	28.76 0.95 0.00	30.28 1.05 0.00	37.21 1.70 0.00	41.99 1.81 0.00	42.03 2.15 -0.10	43.27 2.04 -0.36	42.22 1.91 -0.51	44.57 1.88 -0.98	44.92 2.01 -0.94	52.18 1.83 -1.72	53.13 1.83 -1.72	54.04 1.83 -1.35	57.80 2.39 -1.11	62.43 2.65 -0.84	62.21 2.31 -0.54	59.42 2.11 -0.31	54.49 1.74 0.00	51.42 1.59 0.00	42.62 1.32 -0.16	38.23 1.10 -0.39
W50THST__13_KV_LOAD 356117	33.98 1.49 0.00	30.43 1.23 0.00	29.31 1.07 0.00	28.43 0.99 0.00	28.87 1.06 0.00	30.40 1.17 0.00	37.39 1.88 0.00	42.23 2.05 0.00	42.27 2.39 -0.10	43.52 2.29 -0.36	42.45 2.15 -0.51	44.82 2.13 -0.98	45.22 2.31 -0.94	52.52 2.23 -1.72	53.48 2.18 -1.72	54.39 2.19 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.57 2.67 -0.54	59.70 2.39 -0.31	54.75 2.00 0.00	51.61 1.79 0.00	42.83 1.52 -0.16	38.38 1.25 -0.39
WADING RIVER_IC_1 23522	34.04 1.56 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.31 1.08 0.00	37.18 1.67 0.00	41.51 1.32 0.00	41.71 1.83 -0.10	42.53 1.31 -0.36	41.30 1.00 -0.51	42.98 0.29 -0.98	41.18 0.25 1.04	42.53 -0.05 5.99	45.09 -0.05 4.44	48.65 -0.15 2.06	49.58 0.22 4.93	60.72 0.94 -0.83	60.12 0.24 -0.53	58.10 0.80 -0.30	53.96 1.21 0.00	50.37 0.55 0.00	40.80 -0.49 -0.14	37.83 0.70 -0.39
WADING RIVER_IC_2 23547	34.04 1.56 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.31 1.08 0.00	37.18 1.67 0.00	41.51 1.32 0.00	41.71 1.83 -0.10	42.53 1.31 -0.36	41.30 1.00 -0.51	42.98 0.29 -0.98	41.18 0.25 1.04	42.53 -0.05 5.99	45.09 -0.05 4.44	48.65 -0.15 2.06	49.58 0.22 4.93	60.72 0.94 -0.83	60.12 0.24 -0.53	58.10 0.80 -0.30	53.96 1.21 0.00	50.37 0.55 0.00	40.80 -0.49 -0.14	37.83 0.70 -0.39
WADING RIVER_IC_3 23601	34.04 1.56 0.00	30.31 1.11 0.00	29.20 0.96 0.00	28.29 0.85 0.00	28.68 0.86 0.00	30.31 1.08 0.00	37.18 1.67 0.00	41.51 1.32 0.00	41.71 1.83 -0.10	42.53 1.31 -0.36	41.30 1.00 -0.51	42.98 0.29 -0.98	41.18 0.25 1.04	42.53 -0.05 5.99	45.09 -0.05 4.44	48.65 -0.15 2.06	49.58 0.22 4.93	60.72 0.94 -0.83	60.12 0.24 -0.53	58.10 0.80 -0.30	53.96 1.21 0.00	50.37 0.55 0.00	40.80 -0.49 -0.14	37.83 0.70 -0.39
WALDENNY_12_KV_BK2 80841	32.32 -0.16 0.00	29.20 0.00 0.00	28.27 0.03 0.00	27.52 0.08 0.00	27.90 0.08 0.00	29.14 -0.09 0.00	34.73 -0.78 0.00	39.58 -0.60 0.00	38.39 -1.39 0.00	40.66 -0.20 0.00	39.91 0.12 0.00	42.41 0.71 0.00	42.81 0.84 0.00	49.73 1.17 0.00	50.92 1.34 0.00	52.79 1.93 0.00	55.66 1.36 0.00	59.77 0.83 0.00	60.06 0.71 0.00	57.62 0.63 0.00	53.33 0.58 0.00	50.96 1.15 0.00	42.83 1.69 0.00	38.17 1.43 0.00
WALDEN___HYDRO 24148	33.46 0.97 0.00	29.99 0.79 0.00	28.97 0.73 0.00	28.13 0.69 0.00	28.54 0.72 0.00	29.96 0.73 0.00	36.65 1.14 0.00	41.35 1.17 0.00	41.21 1.35 -0.07	42.35 1.23 -0.27	41.20 1.03 -0.37	43.47 1.04 -0.72	43.79 1.13 -0.69	50.94 1.12 -1.25	51.83 0.99 -1.26	52.86 1.02 -0.98	56.58 1.47 -0.81	61.26 1.71 -0.61	61.35 1.60 -0.40	58.70 1.48 -0.23	54.01 1.27 0.00	50.82 1.00 0.00	42.13 0.86 -0.12	37.76 0.73 -0.29
WARRENSBURG____ 23737	33.46 0.97 0.00	29.99 0.79 0.00	29.03 0.79 0.00	28.16 0.71 0.00	28.59 0.78 0.00	30.08 0.85 0.00	36.57 1.07 0.00	41.15 0.96 0.00	40.83 1.11 0.07	41.45 0.86 0.27	39.65 0.24 0.38	41.09 0.13 0.74	41.47 0.21 0.71	47.43 0.15 1.29	48.19 -0.10 1.29	49.90 0.05 1.01	53.58 0.11 0.83	58.61 0.29 0.63	60.19 1.25 0.41	57.90 1.14 0.23	54.07 1.32 0.00	50.71 0.90 0.00	41.85 0.82 0.12	37.25 0.81 0.29
WATERSIDE___6 8 9 23538	33.82 1.33 0.00	30.25 1.05 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.14 0.91 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.30 1.99 -0.51	44.69 2.00 -0.98	45.13 2.22 -0.94	52.28 1.99 -1.72	53.24 1.93 -1.72	54.19 1.98 -1.35	57.91 2.50 -1.11	62.49 2.71 -0.84	62.09 2.20 -0.54	59.13 1.82 -0.31	54.28 1.53 0.00	51.27 1.44 0.00	42.58 1.28 -0.16	38.16 1.03 -0.39
WATKINRD_115KV_LN8_ILLION 55919	32.35 -0.13 0.00	29.09 -0.12 0.00	28.10 -0.14 0.00	27.30 -0.14 0.00	27.67 -0.14 0.00	29.12 -0.12 0.00	35.40 -0.11 0.00	40.10 -0.08 0.00	39.71 -0.08 0.00	40.78 -0.08 0.00	39.71 -0.08 0.00	41.66 -0.04 0.00	41.97 0.00 0.00	48.57 0.00 0.00	49.58 0.00 0.00	50.91 0.05 0.00	54.41 0.11 0.00	59.00 0.06 0.00	59.53 0.18 0.00	57.11 0.11 0.00	52.85 0.11 0.00	49.87 0.05 0.00	41.19 0.04 0.00	36.74 0.00 0.00

WDELAWARE___HYD 323627	33.33 0.84 0.00	29.87 0.67 0.00	28.83 0.59 0.00	27.99 0.55 0.00	28.37 0.56 0.00	29.82 0.58 0.00	36.47 0.96 0.00	41.19 1.01 0.00	41.00 1.15 -0.06	42.10 1.02 -0.21	40.93 0.84 -0.30	43.15 0.88 -0.57	43.43 0.92 -0.54	50.53 0.97 -0.99	51.51 0.94 -1.00	52.60 0.96 -0.78	56.30 1.36 -0.64	61.02 1.59 -0.48	61.27 1.60 -0.31	58.60 1.43 -0.18	53.96 1.21 0.00	50.67 0.85 0.00	42.02 0.78 -0.09	37.62 0.66 -0.23
WEST BABYLON___IC 23714	34.79 2.31 0.00	30.98 1.78 0.00	29.82 1.58 0.00	28.90 1.45 0.00	29.51 1.70 0.00	30.99 1.75 0.00	37.89 2.38 0.00	42.43 2.25 0.00	42.47 2.59 -0.10	43.43 2.21 -0.36	42.26 1.95 -0.51	43.89 1.21 -0.98	42.42 1.26 0.81	44.50 1.02 5.08	46.86 0.99 3.71	50.22 1.02 1.66	51.60 1.52 4.22	61.66 1.89 -0.83	61.54 1.66 -0.53	59.01 1.71 -0.31	54.59 1.85 0.00	51.37 1.54 0.00	42.11 0.82 -0.15	38.89 1.76 -0.39
WEST CANADA___HYD 24049	32.42 -0.06 0.00	29.17 -0.03 0.00	28.21 -0.03 0.00	27.41 -0.03 0.00	27.79 -0.03 0.00	29.17 -0.06 0.00	35.47 -0.04 0.00	40.10 -0.08 0.00	39.71 -0.08 0.00	40.78 -0.08 0.00	39.71 -0.08 0.00	41.62 -0.08 0.00	41.88 -0.08 0.00	48.47 -0.10 0.00	49.48 -0.10 0.00	50.76 -0.10 0.00	54.25 -0.05 0.00	58.89 -0.06 0.00	59.35 0.00 0.00	56.94 -0.06 0.00	52.69 -0.05 0.00	49.72 -0.10 0.00	41.06 -0.08 0.00	36.66 -0.07 0.00
WESTERN_NY_WIND 24143	33.00 0.52 0.00	29.73 0.53 0.00	28.81 0.56 0.00	27.99 0.55 0.00	28.40 0.58 0.00	29.76 0.53 0.00	35.44 -0.07 0.00	40.67 0.48 0.00	39.51 -0.28 0.00	41.43 0.57 0.00	40.59 0.80 0.00	43.08 1.38 0.00	43.39 1.43 0.00	50.46 1.89 0.00	51.76 2.18 0.00	53.50 2.64 0.00	56.53 2.23 0.00	60.89 1.95 0.00	61.19 1.84 0.00	58.82 1.82 0.00	54.59 1.85 0.00	52.21 2.39 0.00	43.57 2.43 0.00	38.83 2.09 0.00
WESTOVER___LESR 323668	32.61 0.13 0.00	29.32 0.12 0.00	28.38 0.14 0.00	27.58 0.14 0.00	27.98 0.17 0.00	29.35 0.12 0.00	35.58 0.07 0.00	40.38 0.20 0.00	39.79 0.00 0.00	41.11 0.25 0.00	40.11 0.32 0.00	42.16 0.46 0.00	42.51 0.55 0.00	49.20 0.63 0.00	50.17 0.59 0.00	51.62 0.76 0.00	55.01 0.71 0.00	59.59 0.65 0.00	59.95 0.59 0.00	57.62 0.63 0.00	53.33 0.58 0.00	50.42 0.60 0.00	41.85 0.70 0.00	37.25 0.51 0.00
WETHRSFD_WT_PWR 323626	31.93 -0.55 0.00	28.82 -0.38 0.00	27.87 -0.37 0.00	27.17 -0.27 0.00	27.56 -0.25 0.00	28.91 -0.32 0.00	34.69 -0.82 0.00	39.46 -0.72 0.00	38.51 -1.27 0.00	40.58 -0.28 0.00	39.71 -0.08 0.00	41.96 0.25 0.00	42.30 0.33 0.00	49.10 0.54 0.00	50.37 0.79 0.00	51.87 1.02 0.00	55.06 0.76 0.00	59.30 0.36 0.00	59.59 0.24 0.00	57.28 0.29 0.00	53.06 0.32 0.00	50.87 1.05 0.00	42.38 1.23 0.00	37.84 1.10 0.00
WHAVSTOR_138KV_BK127 55557	33.56 1.07 0.00	30.08 0.88 0.00	29.00 0.76 0.00	28.16 0.71 0.00	28.56 0.75 0.00	30.02 0.79 0.00	36.79 1.28 0.00	41.47 1.29 0.00	41.42 1.55 -0.09	42.62 1.43 -0.32	41.56 1.31 -0.46	43.83 1.25 -0.87	44.19 1.38 -0.84	51.36 1.26 -1.53	52.30 1.19 -1.53	53.22 1.17 -1.20	56.92 1.63 -0.99	61.57 1.89 -0.74	61.50 1.66 -0.48	58.81 1.54 -0.28	54.07 1.32 0.00	50.92 1.10 0.00	42.19 0.91 -0.14	37.86 0.77 -0.35
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.56 1.07 0.00	30.08 0.88 0.00	29.00 0.76 0.00	28.16 0.71 0.00	28.56 0.75 0.00	30.02 0.79 0.00	36.79 1.28 0.00	41.47 1.29 0.00	41.42 1.55 -0.09	42.62 1.43 -0.32	41.56 1.31 -0.46	43.83 1.25 -0.87	44.19 1.38 -0.84	51.36 1.26 -1.53	52.30 1.19 -1.53	53.22 1.17 -1.20	56.92 1.63 -0.99	61.57 1.89 -0.74	61.50 1.66 -0.48	58.81 1.54 -0.28	54.07 1.32 0.00	50.92 1.10 0.00	42.19 0.91 -0.14	37.86 0.77 -0.35
WHITEHAL_115KV_TB1 80871	33.78 1.30 0.00	30.22 1.02 0.00	29.26 1.02 0.00	28.35 0.91 0.00	28.81 1.00 0.00	30.37 1.14 0.00	36.89 1.38 0.00	41.51 1.33 0.00	41.11 1.39 0.07	41.65 1.06 0.28	39.80 0.40 0.39	41.28 0.33 0.76	41.62 0.38 0.72	47.63 0.39 1.32	48.40 0.15 1.32	50.18 0.36 1.04	53.88 0.43 0.85	59.01 0.71 0.64	60.71 1.78 0.42	58.52 1.77 0.24	54.65 1.90 0.00	51.16 1.35 0.00	42.26 1.23 0.12	37.57 1.14 0.30
WHITEPLN_13_KV_LOAD 356215	33.98 1.49 0.00	30.43 1.23 0.00	29.34 1.10 0.00	28.48 1.04 0.00	28.90 1.08 0.00	30.37 1.14 0.00	37.28 1.78 0.00	42.11 1.93 0.00	42.11 2.23 -0.10	43.47 2.25 -0.36	42.41 2.11 -0.51	44.81 2.13 -0.97	45.16 2.27 -0.93	52.60 2.33 -1.70	53.56 2.28 -1.71	54.48 2.29 -1.33	58.17 2.77 -1.10	62.90 3.12 -0.83	62.74 2.85 -0.54	59.87 2.56 -0.31	55.01 2.27 0.00	51.76 1.94 0.00	42.83 1.52 -0.16	38.41 1.29 -0.39
WM_FLOYD_69_KV_BK2 356380	34.37 1.88 0.00	30.60 1.40 0.00	29.48 1.24 0.00	28.57 1.13 0.00	29.37 1.56 0.00	30.64 1.40 0.00	37.57 2.06 0.00	42.07 1.89 0.00	42.15 2.27 -0.10	43.07 1.84 -0.36	41.90 1.59 -0.51	43.35 0.67 -0.98	41.65 0.71 1.03	42.99 0.39 5.97	45.45 0.30 4.42	49.11 0.31 2.05	50.03 0.65 4.92	60.95 1.18 -0.83	60.65 0.77 -0.53	58.55 1.25 -0.30	54.28 1.53 0.00	51.17 1.35 0.00	41.33 0.04 -0.14	38.38 1.25 -0.39
WOODARD___115KV_TB2 355635	32.06 -0.42 0.00	28.79 -0.41 0.00	27.87 -0.37 0.00	27.09 -0.36 0.00	27.45 -0.36 0.00	28.82 -0.41 0.00	34.98 -0.53 0.00	39.70 -0.48 0.00	39.23 -0.56 0.00	40.45 -0.41 0.00	39.47 -0.32 0.00	41.45 -0.25 0.00	41.76 -0.21 0.00	48.33 -0.24 0.00	49.33 -0.25 0.00	50.60 -0.25 0.00	53.87 -0.43 0.00	58.41 -0.53 0.00	58.76 -0.59 0.00	56.48 -0.51 0.00	52.22 -0.53 0.00	49.37 -0.45 0.00	40.90 -0.25 0.00	36.44 -0.29 0.00
WOODMERE_69_KV_BK1 55827	34.60 2.11 0.00	30.84 1.64 0.00	29.68 1.44 0.00	28.76 1.32 0.00	29.32 1.50 0.00	30.81 1.58 0.00	37.78 2.27 0.00	42.43 2.25 0.00	42.51 2.63 -0.10	43.56 2.33 -0.36	42.50 2.19 -0.51	44.39 1.71 -0.98	44.55 1.85 -0.73	51.21 1.70 -0.94	52.31 1.64 -1.10	53.54 1.68 -1.00	56.97 2.17 -0.50	62.31 2.53 -0.83	62.20 2.31 -0.54	59.41 2.11 -0.31	54.70 1.95 0.00	51.51 1.69 0.00	42.49 1.19 -0.15	38.82 1.69 -0.39
YORK___WARBASSE 23770	33.88 1.40 0.00	30.31 1.11 0.00	29.14 0.90 0.00	28.24 0.80 0.00	28.65 0.83 0.00	30.11 0.88 0.00	37.07 1.56 0.00	41.91 1.73 0.00	42.07 2.19 -0.10	43.27 2.04 -0.36	42.34 2.03 -0.51	44.82 2.13 -0.98	45.26 2.35 -0.94	52.43 2.14 -1.72	53.43 2.13 -1.72	54.44 2.24 -1.35	58.18 2.77 -1.11	62.79 3.01 -0.84	62.39 2.49 -0.54	59.42 2.11 -0.31	54.54 1.79 0.00	51.51 1.69 0.00	42.75 1.44 -0.16	38.27 1.14 -0.39