

Time Weighted/Integrated Real Time LBMP- Generator

		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										09/05/2024			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1	24138	23.23	17.61	22.10	18.62	18.57	17.84	21.61	26.05	24.75	25.18	26.60	26.54	26.13	26.97	26.08	26.76	28.79	34.02	40.58	40.75	33.38	28.03	28.33	26.51
		0.81	0.57	0.69	0.67	0.66	0.63	0.87	1.16	1.17	1.19	1.34	1.34	1.43	1.52	1.64	1.96	2.11	2.53	2.65	2.47	1.99	1.64	1.42	1.15
		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	0.09	0.02	0.00	0.00	0.00
74TH STREET_GT_1	24260	23.25	17.64	22.14	18.65	18.59	17.87	21.63	26.08	24.78	25.19	26.64	26.58	26.17	27.01	26.11	26.80	28.83	34.06	40.64	40.84	33.47	28.11	28.43	26.59
		0.84	0.60	0.74	0.70	0.69	0.65	0.89	1.18	1.19	1.20	1.37	1.39	1.47	1.55	1.68	1.99	2.16	2.58	2.71	2.56	2.08	1.71	1.52	1.23
		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	0.09	0.02	0.00	0.00	0.00
74TH STREET_GT_2	24261	23.25	17.64	22.14	18.65	18.59	17.87	21.63	26.08	24.78	25.19	26.64	26.58	26.17	27.01	26.11	26.80	28.83	34.06	40.64	40.84	33.47	28.11	28.43	26.59
		0.84	0.60	0.74	0.70	0.69	0.65	0.89	1.18	1.19	1.20	1.37	1.39	1.47	1.55	1.68	1.99	2.16	2.58	2.71	2.56	2.08	1.71	1.52	1.23
		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	0.09	0.02	0.00	0.00	0.00
ADK HUDSON___FALLS	24011	23.88	18.02	22.75	19.13	19.10	18.39	22.26	26.76	25.21	25.43	26.49	26.26	25.63	26.38	25.40	26.05	28.27	33.53	40.93	41.56	34.20	28.69	29.10	27.20
		1.46	0.99	1.35	1.18	1.20	1.18	1.52	1.86	1.62	1.44	1.23	1.07	0.93	0.93	0.96	1.24	1.60	2.05	3.00	3.19	2.79	2.30	2.18	1.84
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23798	24.08	18.10	22.86	19.23	19.21	18.49	22.43	26.98	25.41	25.60	26.64	26.35	25.71	26.46	25.48	26.19	28.46	33.72	41.23	41.81	34.47	28.95	29.37	27.40
		1.66	1.06	1.45	1.28	1.30	1.28	1.69	2.09	1.83	1.61	1.37	1.16	1.01	1.01	1.05	1.38	1.79	2.24	3.30	3.51	3.07	2.55	2.46	2.05
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.01	0.00	0.00	0.00
ADK S GLENS___FALLS	24028	23.88	18.02	22.75	19.13	19.10	18.39	22.26	26.76	25.21	25.43	26.49	26.26	25.63	26.38	25.40	26.05	28.27	33.53	40.93	41.56	34.20	28.69	29.10	27.20
		1.46	0.99	1.35	1.18	1.20	1.18	1.52	1.86	1.62	1.44	1.23	1.07	0.93	0.93	0.96	1.24	1.60	2.05	3.00	3.19	2.79	2.30	2.18	1.84
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23527	23.32	17.79	22.52	18.94	18.90	18.16	21.76	26.09	24.69	25.01	26.17	25.93	25.35	26.04	24.99	25.37	27.45	32.47	39.37	40.26	33.10	27.80	28.29	26.54
		0.91	0.75	1.12	0.99	0.99	0.94	1.02	1.20	1.10	1.02	0.91	0.74	0.65	0.59	0.56	0.55	0.78	0.99	1.45	1.96	1.71	1.41	1.38	1.18
		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	0.07	0.01	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24190	22.45	17.24	21.71	18.29	18.24	17.50	20.91	25.07	23.76	24.11	25.35	25.20	24.67	25.33	24.39	24.89	26.88	31.76	38.30	38.80	31.84	26.74	27.17	25.56
		0.04	0.21	0.31	0.34	0.33	0.29	0.18	0.18	0.17	0.12	0.09	0.00	-0.03	-0.12	-0.04	0.08	0.20	0.28	0.37	0.50	0.45	0.35	0.26	0.20
		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	0.07	0.01	0.00	0.00	0.00
AKWESSNE_115KV_BK	355683	22.68	17.20	21.53	17.99	17.93	17.24	20.80	25.05	23.74	24.21	25.49	25.39	24.89	25.64	24.50	24.71	26.47	31.06	37.50	38.02	31.23	26.28	26.99	25.42
		0.27	0.16	0.12	0.04	0.03	0.02	0.07	0.16	0.15	0.21	0.23	0.20	0.19	0.18	0.07	-0.10	-0.21	-0.42	-0.43	-0.35	-0.18	-0.11	0.07	0.06
		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	22.98	17.57	22.16	18.64	18.58	17.83	21.37	25.55	24.13	24.29	25.46	25.29	24.76	25.47	24.52	25.03	27.12	32.22	39.08	39.68	32.59	27.36	27.78	26.11
		0.57	0.54	0.76	0.69	0.68	0.62	0.63	0.65	0.55	0.30	0.19	0.10	0.06	0.01	0.08	0.22	0.45	0.74	1.15	1.39	1.19	0.96	0.87	0.75
		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	0.07	0.01	0.00	0.00	0.00
ALBANY_2_SOLAR	323834	22.98	17.57	22.15	18.64	18.58	17.83	21.37	25.55	24.13	24.29	25.45	25.29	24.76	25.47	24.52	25.03	27.11	32.21	39.08	39.67	32.58	27.34	27.77	26.11
		0.56	0.54	0.75	0.68	0.67	0.61	0.63	0.65	0.54	0.29	0.19	0.09	0.06	0.01	0.08	0.22	0.44	0.73	1.15	1.37	1.19	0.95	0.86	0.75
		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	0.07	0.01	0.00	0.00	0.00
ALBANY___1	23571	22.45	17.24	21.71	18.29	18.24	17.50	20.91	25.07	23.76	24.11	25.35	25.20	24.67	25.33	24.39	24.89	26.88	31.76	38.30	38.80	31.84	26.74	27.17	25.56
		0.04	0.21	0.31	0.34	0.33	0.29	0.18	0.18	0.17	0.12	0.09	0.00	-0.03	-0.12	-0.04	0.08	0.20	0.28	0.37	0.50	0.45	0.35	0.26	0.20
		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	0.07	0.01	0.00	0.00	0.00

ALBANY___2 23572	22.45 0.04 0.00	17.24 0.21 0.00	21.71 0.31 0.00	18.29 0.34 0.00	18.24 0.33 0.00	17.50 0.29 0.00	20.91 0.18 0.00	25.07 0.18 0.00	23.76 0.17 0.00	24.11 0.12 0.00	25.35 0.09 0.00	25.20 0.00 0.00	24.67 -0.03 0.00	25.33 -0.12 0.00	24.39 -0.04 0.00	24.89 0.08 0.00	26.88 0.20 0.00	31.76 0.28 0.00	38.30 0.37 0.00	38.80 0.50 0.07	31.84 0.45 0.01	26.74 0.35 0.00	27.17 0.26 0.00	25.56 0.20 0.00
ALBANY___3 23573	22.45 0.04 0.00	17.24 0.21 0.00	21.71 0.31 0.00	18.29 0.34 0.00	18.24 0.33 0.00	17.50 0.29 0.00	20.91 0.18 0.00	25.07 0.18 0.00	23.76 0.17 0.00	24.11 0.12 0.00	25.35 0.09 0.00	25.20 0.00 0.00	24.67 -0.03 0.00	25.33 -0.12 0.00	24.39 -0.04 0.00	24.89 0.08 0.00	26.88 0.20 0.00	31.76 0.28 0.00	38.30 0.37 0.00	38.80 0.50 0.07	31.84 0.45 0.01	26.74 0.35 0.00	27.17 0.26 0.00	25.56 0.20 0.00
ALBANY___4 23574	22.45 0.04 0.00	17.24 0.21 0.00	21.71 0.31 0.00	18.29 0.34 0.00	18.24 0.33 0.00	17.50 0.29 0.00	20.91 0.18 0.00	25.07 0.18 0.00	23.76 0.17 0.00	24.11 0.12 0.00	25.35 0.09 0.00	25.20 0.00 0.00	24.67 -0.03 0.00	25.33 -0.12 0.00	24.39 -0.04 0.00	24.89 0.08 0.00	26.88 0.20 0.00	31.76 0.28 0.00	38.30 0.37 0.00	38.80 0.50 0.07	31.84 0.45 0.01	26.74 0.35 0.00	27.17 0.26 0.00	25.56 0.20 0.00
ALBANY___LFGE 323615	22.69 0.28 0.00	17.39 0.35 0.00	21.90 0.49 0.00	18.43 0.48 0.00	18.38 0.48 0.00	17.65 0.44 0.00	21.13 0.39 0.00	25.33 0.43 0.00	24.00 0.42 0.00	24.36 0.36 0.00	25.61 0.35 0.00	25.46 0.27 0.00	24.93 0.23 0.00	25.63 0.17 0.00	24.68 0.25 0.00	25.19 0.38 0.00	27.21 0.54 0.00	32.18 0.70 0.00	38.80 0.87 0.00	39.29 0.99 0.07	32.24 0.84 0.01	27.05 0.66 0.00	27.47 0.56 0.00	25.83 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	22.80 0.39 0.00	17.28 0.25 0.00	21.63 0.23 0.00	18.08 0.12 0.00	18.01 0.11 0.00	17.32 0.10 0.00	20.92 0.18 0.00	25.18 0.28 0.00	23.84 0.25 0.00	24.30 0.31 0.00	25.58 0.32 0.00	25.48 0.29 0.00	24.97 0.27 0.00	25.73 0.28 0.00	24.57 0.14 0.00	24.77 -0.04 0.00	26.51 -0.16 0.00	31.04 -0.44 0.00	37.50 -0.43 0.00	38.17 -0.20 0.00	31.37 -0.04 0.00	26.41 0.02 0.00	27.14 0.22 0.00	25.54 0.19 0.00
ALCOA_RYNLDS___DRP 24188	22.80 0.39 0.00	17.28 0.25 0.00	21.63 0.23 0.00	18.08 0.12 0.00	18.01 0.11 0.00	17.32 0.10 0.00	20.92 0.18 0.00	25.18 0.28 0.00	23.84 0.25 0.00	24.30 0.31 0.00	25.58 0.32 0.00	25.48 0.29 0.00	24.97 0.27 0.00	25.73 0.28 0.00	24.57 0.14 0.00	24.77 -0.04 0.00	26.51 -0.16 0.00	31.04 -0.44 0.00	37.50 -0.43 0.00	38.17 -0.20 0.00	31.37 -0.04 0.00	26.41 0.02 0.00	27.14 0.22 0.00	25.54 0.19 0.00
ALCOA___DSASP 323711	22.80 0.39 0.00	17.28 0.25 0.00	21.63 0.23 0.00	18.08 0.13 0.00	18.01 0.11 0.00	17.32 0.10 0.00	20.92 0.18 0.00	25.18 0.29 0.00	23.84 0.26 0.00	24.30 0.31 0.00	25.58 0.32 0.00	25.48 0.29 0.00	24.98 0.28 0.00	25.73 0.28 0.00	24.57 0.14 0.00	24.77 -0.04 0.00	26.51 -0.16 0.00	31.04 -0.44 0.00	37.50 -0.43 0.00	38.17 -0.20 0.00	31.37 -0.04 0.00	26.41 0.02 0.00	27.14 0.22 0.00	25.54 0.19 0.00
ALLEGHENY___COGEN 23514	21.44 -0.33 0.65	16.74 -0.30 0.00	18.41 -0.53 2.46	15.78 -0.54 1.63	15.33 -0.52 2.05	15.44 -0.40 1.37	19.95 -0.32 0.46	24.04 -0.22 0.63	20.95 -0.40 2.24	23.36 -0.63 0.00	24.83 -0.43 0.00	25.14 -0.05 0.00	24.69 0.00 0.00	25.49 0.04 0.00	24.19 -0.24 0.00	24.84 0.03 0.00	26.65 -0.02 0.00	31.58 0.10 0.00	38.30 0.37 0.00	38.05 0.52 0.83	31.49 0.23 0.14	26.36 -0.03 0.00	21.81 -0.43 4.67	12.20 -0.52 12.64
ALTAMONT_115KV_TB 2 55880	22.71 0.29 0.00	17.31 0.27 0.00	21.81 0.41 0.00	18.34 0.39 0.00	18.29 0.39 0.00	17.57 0.36 0.00	21.11 0.38 0.00	25.33 0.44 0.00	23.98 0.40 0.00	24.33 0.34 0.00	25.57 0.31 0.00	25.45 0.25 0.00	24.94 0.24 0.00	25.66 0.21 0.00	24.70 0.27 0.00	25.21 0.40 0.00	27.20 0.53 0.00	32.16 0.68 0.00	38.77 0.84 0.00	39.32 0.95 0.00	32.22 0.82 0.00	27.05 0.66 0.00	27.48 0.57 0.00	25.81 0.45 0.00
ALTONA_WT_PWR 323606	23.18 0.76 0.00	17.41 0.38 0.00	21.82 0.42 0.00	18.31 0.36 0.00	18.19 0.29 0.00	17.47 0.25 0.00	20.93 0.20 0.00	25.15 0.25 0.00	23.89 0.31 0.00	24.37 0.38 0.00	25.66 0.39 0.00	25.57 0.38 0.00	25.13 0.43 0.00	25.88 0.43 0.00	24.77 0.34 0.00	25.19 0.37 0.00	26.93 0.26 0.00	31.23 -0.25 0.00	37.62 -0.31 0.00	38.21 -0.16 0.00	31.13 -0.28 0.00	25.86 -0.54 0.00	26.54 -0.37 0.00	25.13 -0.22 0.00
AMERICAN_REF_FUEL 24010	19.97 -1.98 0.46	15.53 -1.51 0.00	17.61 -2.04 1.75	14.95 -1.84 1.16	14.63 -1.82 1.46	14.54 -1.70 0.98	18.41 -2.00 0.33	22.12 -2.32 0.46	19.89 -2.09 1.61	22.09 -1.90 0.00	23.67 -1.59 0.00	23.98 -1.21 0.00	23.51 -1.19 0.00	28.05 -0.84 -3.44	23.57 -1.63 -0.76	23.48 -1.33 0.00	24.98 -1.70 0.00	29.43 -2.05 0.00	35.32 -2.61 0.00	31.59 -3.56 3.22	27.74 -3.12 0.55	23.93 -2.46 0.00	20.96 -2.59 3.36	13.99 -2.27 9.10
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.81 -2.02 0.58	15.55 -1.49 0.00	17.06 -2.13 2.21	14.53 -1.96 1.47	14.10 -1.96 1.84	14.17 -1.81 1.23	18.27 -2.05 0.42	22.12 -2.20 0.57	19.56 -1.99 2.03	22.64 -1.35 0.00	24.54 -0.73 0.00	25.11 -0.09 0.00	24.75 0.05 0.00	24.69 0.35 1.12	24.28 -0.15 0.00	25.06 0.25 0.00	26.74 0.07 0.00	31.56 0.08 0.00	37.69 -0.24 0.00	34.27 -1.09 3.01	29.26 -1.64 0.51	24.64 -1.76 0.00	20.19 -2.45 4.27	11.35 -2.47 11.54
ARTHUR KILL_GT_1 23520	24.38 0.70 -1.26	17.54 0.50 0.00	22.00 0.60 0.00	18.55 0.59 0.00	18.48 0.58 0.00	17.76 0.55 0.00	21.48 0.74 -0.01	25.87 0.96 -0.02	24.57 0.98 -0.01	26.65 0.95 -1.70	38.12 1.13 -11.72	26.32 1.12 -0.01	37.99 1.21 -12.07	39.34 1.30 -12.59	40.08 1.49 -14.16	46.61 1.81 -20.00	40.65 1.95 -12.03	39.94 2.28 -6.18	40.60 2.36 -0.31	40.54 2.26 0.09	40.80 1.84 -7.55	36.34 1.54 -8.40	30.46 1.40 -2.16	30.36 1.17 -3.84
ARTHUR_KILL_2 23512	24.32 0.65 -1.26	17.49 0.45 0.00	21.95 0.55 0.00	18.50 0.55 0.00	18.44 0.53 0.00	17.71 0.50 0.00	21.42 0.68 -0.01	25.80 0.89 -0.02	24.51 0.91 -0.01	26.58 1.06 -1.70	38.05 1.06 -11.72	26.26 1.06 -0.01	37.93 1.16 -12.07	39.28 1.23 -12.59	40.01 1.43 -14.16	46.54 1.73 -20.00	40.57 1.87 -12.03	39.84 2.18 -6.18	40.49 2.25 -0.31	40.41 2.13 0.09	40.70 1.74 -7.55	36.25 1.46 -8.40	30.38 1.31 -2.16	30.29 1.09 -3.84
ARTHUR_KILL_3 23513	24.29 0.62 -1.26	17.47 0.43 0.00	21.92 0.52 0.00	18.47 0.52 0.00	18.39 0.49 0.00	17.65 0.44 0.00	21.36 0.62 0.00	25.75 0.85 -0.01	24.45 0.86 -0.01	26.53 0.84 -1.70	38.01 0.98 -11.76	26.21 1.01 0.00	37.86 1.09 -12.08	39.21 1.16 -12.60	39.91 1.31 -14.16	46.47 1.65 -20.01	40.50 1.79 -12.04	39.83 2.18 -6.17	40.48 2.24 -0.31	40.37 2.10 0.09	40.63 1.67 -7.55	35.22 1.41 -7.42	29.62 1.20 -1.52	29.04 0.98 -2.70

ARTHUR_KILL_COGEN 323718	24.38 0.70 -1.26	17.54 0.50 0.00	22.00 0.60 0.00	18.55 0.59 0.00	18.48 0.58 0.00	17.76 0.55 0.00	21.48 0.74 -0.01	25.87 0.96 -0.02	24.57 0.98 -0.01	26.65 0.95 -1.70	38.12 1.13 -11.72	26.32 1.12 -0.01	37.99 1.21 -12.07	39.34 1.30 -12.59	40.08 1.49 -14.16	46.61 1.81 -20.00	40.65 1.95 -12.03	39.94 2.28 -6.18	40.60 2.36 -0.31	40.54 2.26 0.09	40.80 1.84 -7.55	36.34 1.54 -8.40	30.46 1.40 -2.16	30.36 1.17 -3.84
ASHOKAN____ 23654	22.97 0.55 0.00	17.50 0.46 0.00	22.03 0.63 0.00	18.53 0.58 0.00	18.48 0.58 0.00	17.78 0.56 0.00	21.41 0.67 0.00	25.74 0.85 0.00	24.34 0.75 0.00	24.58 0.59 0.00	25.76 0.50 0.00	25.58 0.39 0.00	25.05 0.35 0.00	25.79 0.34 0.00	24.87 0.44 0.00	25.48 0.67 0.00	27.62 0.95 0.00	32.84 1.36 0.00	39.76 1.84 0.00	40.31 2.02 0.08	33.04 1.65 0.01	27.67 1.28 0.00	27.99 1.08 0.00	26.20 0.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.11 0.70 0.00	17.54 0.50 0.00	22.02 0.62 0.00	18.55 0.59 0.00	18.50 0.60 0.00	17.78 0.56 0.00	21.49 0.75 0.00	25.86 0.97 0.00	24.61 1.03 0.00	25.00 1.01 0.00	26.45 1.19 0.00	26.38 1.19 0.00	25.94 1.24 0.00	26.79 1.33 0.00	25.91 1.47 -0.01	26.58 1.77 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.23 2.30 0.00	40.49 2.22 0.09	33.22 1.83 0.02	27.91 1.52 0.00	28.22 1.31 0.00	26.43 1.07 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.11 0.70 0.00	17.54 0.50 0.00	22.02 0.62 0.00	18.55 0.59 0.00	18.50 0.59 0.00	17.78 0.56 0.00	21.49 0.75 0.00	25.86 0.97 0.00	24.61 1.03 0.00	25.00 1.01 0.00	26.45 1.19 0.00	26.38 1.19 0.00	25.94 1.24 0.00	26.79 1.33 0.00	25.91 1.47 -0.01	26.58 1.77 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.23 2.30 0.00	40.49 2.22 0.09	33.22 1.83 0.02	27.91 1.52 0.00	28.22 1.31 0.00	26.43 1.07 0.00
ASTORIA_GT2_1 24094	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
ASTORIA_GT2_2 24095	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
ASTORIA_GT2_3 24096	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
ASTORIA_GT2_4 24097	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
ASTORIA_GT3_1 24098	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
ASTORIA_GT3_2 24099	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
ASTORIA_GT3_3 24100	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
ASTORIA_GT3_4 24101	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
ASTORIA_GT4_1 24102	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
ASTORIA_GT4_2 24103	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
ASTORIA_GT4_3 24104	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00

ASTORIA_GT4_4 24105	23.13 0.72 0.00	17.54 0.50 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.63 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.25 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
ASTORIA_GT_1 23523	23.16 0.75 0.00	17.58 0.54 0.00	22.05 0.65 0.00	18.58 0.63 0.00	18.53 0.62 0.00	17.80 0.59 0.00	21.53 0.79 0.00	25.92 1.02 0.00	24.67 1.09 0.00	25.06 1.07 0.00	26.52 1.25 0.00	26.45 1.25 0.00	26.01 1.31 0.00	26.86 1.40 0.00	25.99 1.55 -0.01	26.66 1.84 0.00	28.63 1.95 0.00	33.84 2.36 0.00	40.33 2.40 0.00	40.60 2.32 0.09	33.30 1.91 0.02	27.98 1.58 0.00	28.29 1.37 0.00	26.48 1.13 0.00
ASTORIA_GT_10 24110	23.13 0.72 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.79 0.57 0.00	21.52 0.78 0.00	25.89 1.00 0.00	24.62 1.04 0.00	25.01 1.02 0.00	26.48 1.22 0.00	26.43 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.98 1.53 -0.01	26.74 1.83 -0.10	28.65 1.97 0.00	33.82 2.34 0.00	40.34 2.42 0.00	40.58 2.30 0.09	33.27 1.88 0.02	27.93 1.54 0.00	28.26 1.34 0.00	26.44 1.08 0.00
ASTORIA_GT_11 24225	23.13 0.72 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.79 0.57 0.00	21.52 0.78 0.00	25.89 1.00 0.00	24.62 1.04 0.00	25.01 1.02 0.00	26.48 1.22 0.00	26.43 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.98 1.53 -0.01	26.74 1.83 -0.10	28.65 1.97 0.00	33.82 2.34 0.00	40.34 2.42 0.00	40.58 2.30 0.09	33.27 1.88 0.02	27.93 1.54 0.00	28.26 1.34 0.00	26.44 1.08 0.00
ASTORIA_GT_12 24226	23.13 0.72 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.79 0.57 0.00	21.52 0.78 0.00	25.89 1.00 0.00	24.62 1.04 0.00	25.01 1.02 0.00	26.48 1.22 0.00	26.43 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.98 1.53 -0.01	26.74 1.83 -0.10	28.65 1.97 0.00	33.82 2.34 0.00	40.34 2.42 0.00	40.58 2.30 0.09	33.27 1.88 0.02	27.93 1.54 0.00	28.26 1.34 0.00	26.44 1.08 0.00
ASTORIA_GT_13 24227	23.13 0.72 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.79 0.57 0.00	21.52 0.78 0.00	25.89 1.00 0.00	24.62 1.04 0.00	25.01 1.02 0.00	26.48 1.22 0.00	26.43 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.98 1.53 -0.01	26.74 1.83 -0.10	28.65 1.97 0.00	33.82 2.34 0.00	40.34 2.42 0.00	40.58 2.30 0.09	33.27 1.88 0.02	27.93 1.54 0.00	28.26 1.34 0.00	26.44 1.08 0.00
ASTORIA_GT_5 24106	23.16 0.75 0.00	17.57 0.54 0.00	22.07 0.67 0.00	18.58 0.63 0.00	18.53 0.63 0.00	17.81 0.59 0.00	21.53 0.79 0.00	25.92 1.02 0.00	24.67 1.09 0.00	25.06 1.07 0.00	26.52 1.25 0.00	26.45 1.25 0.00	26.01 1.31 0.00	26.86 1.41 0.00	25.99 1.55 -0.01	26.66 1.84 0.00	28.63 1.96 0.00	33.84 2.36 0.00	40.33 2.40 0.00	40.60 2.32 0.09	33.31 1.92 0.02	27.97 1.57 0.00	28.28 1.37 0.00	26.47 1.12 0.00
ASTORIA_GT_7 24107	23.16 0.75 0.00	17.57 0.54 0.00	22.07 0.67 0.00	18.58 0.63 0.00	18.53 0.63 0.00	17.81 0.59 0.00	21.53 0.79 0.00	25.92 1.02 0.00	24.67 1.09 0.00	25.06 1.07 0.00	26.52 1.25 0.00	26.45 1.25 0.00	26.01 1.31 0.00	26.86 1.41 0.00	25.99 1.55 -0.01	26.66 1.84 0.00	28.63 1.96 0.00	33.84 2.36 0.00	40.33 2.40 0.00	40.60 2.32 0.09	33.31 1.92 0.02	27.97 1.57 0.00	28.28 1.37 0.00	26.47 1.12 0.00
ASTORIA_GT_8 24108	23.16 0.75 0.00	17.57 0.54 0.00	22.07 0.67 0.00	18.58 0.63 0.00	18.53 0.63 0.00	17.81 0.59 0.00	21.53 0.79 0.00	25.92 1.02 0.00	24.67 1.09 0.00	25.06 1.07 0.00	26.52 1.25 0.00	26.45 1.25 0.00	26.01 1.31 0.00	26.86 1.41 0.00	25.99 1.55 -0.01	26.66 1.84 0.00	28.63 1.96 0.00	33.84 2.36 0.00	40.33 2.40 0.00	40.60 2.32 0.09	33.31 1.92 0.02	27.97 1.57 0.00	28.28 1.37 0.00	26.47 1.12 0.00
ASTORIA___2 24149	23.12 0.71 0.00	17.54 0.50 0.00	22.02 0.62 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.49 0.76 0.00	25.87 0.98 0.00	24.62 1.04 0.00	25.01 1.01 0.00	26.46 1.20 0.00	26.39 1.20 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.94 1.50 -0.01	26.60 1.78 0.00	28.57 1.90 0.00	33.77 2.29 0.00	40.25 2.32 0.00	40.51 2.23 0.09	33.24 1.85 0.02	27.93 1.53 0.00	28.23 1.32 0.00	26.45 1.09 0.00
ASTORIA___3 23516	23.13 0.71 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.52 0.78 0.00	25.89 1.00 0.00	24.62 1.04 0.00	25.01 1.02 0.00	26.48 1.22 0.00	26.43 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.98 1.53 -0.01	26.74 1.83 -0.10	28.64 1.97 0.00	33.82 2.33 0.00	40.34 2.41 0.00	40.58 2.30 0.09	33.26 1.87 0.02	27.94 1.54 0.00	28.26 1.34 0.00	26.46 1.10 0.00
ASTORIA___4 23517	23.13 0.72 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.79 0.57 0.00	21.52 0.78 0.00	25.89 1.00 0.00	24.62 1.04 0.00	25.01 1.02 0.00	26.48 1.22 0.00	26.43 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.98 1.53 -0.01	26.74 1.83 -0.10	28.65 1.97 0.00	33.82 2.34 0.00	40.34 2.42 0.00	40.58 2.30 0.09	33.27 1.88 0.02	27.93 1.54 0.00	28.26 1.34 0.00	26.44 1.08 0.00
ASTORIA___5 23518	23.13 0.71 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.52 0.78 0.00	25.89 1.00 0.00	24.62 1.04 0.00	25.01 1.02 0.00	26.48 1.22 0.00	26.43 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.98 1.53 -0.01	26.74 1.83 -0.10	28.64 1.97 0.00	33.82 2.33 0.00	40.34 2.41 0.00	40.57 2.29 0.09	33.26 1.87 0.02	27.94 1.54 0.00	28.26 1.34 0.00	26.46 1.10 0.00
AST_ENERGY_2_CC3 323677	23.07 0.65 0.00	17.51 0.47 0.00	21.97 0.56 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.73 0.51 0.00	21.44 0.70 0.00	25.83 0.93 0.00	24.53 0.95 0.00	24.94 0.94 0.00	26.36 1.10 0.00	26.31 1.11 0.00	25.89 1.20 0.00	26.72 1.26 0.00	25.84 1.41 0.00	26.52 1.71 0.00	28.52 1.85 0.00	33.71 2.23 0.00	40.23 2.30 0.00	40.43 2.16 0.09	33.14 1.75 0.02	27.85 1.46 0.00	28.17 1.26 0.00	26.38 1.02 0.00
AST_ENERGY_2_CC4 323678	23.07 0.65 0.00	17.51 0.47 0.00	21.97 0.56 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.73 0.51 0.00	21.44 0.70 0.00	25.83 0.93 0.00	24.53 0.95 0.00	24.94 0.94 0.00	26.36 1.10 0.00	26.31 1.11 0.00	25.89 1.20 0.00	26.72 1.26 0.00	25.84 1.41 0.00	26.52 1.71 0.00	28.52 1.85 0.00	33.71 2.23 0.00	40.23 2.30 0.00	40.43 2.16 0.09	33.14 1.75 0.02	27.85 1.46 0.00	28.17 1.26 0.00	26.38 1.02 0.00

ATHENS_STG_1 23668	22.69 0.28 0.00	17.27 0.23 0.00	21.75 0.35 0.00	18.30 0.35 0.00	18.24 0.34 0.00	17.53 0.31 0.00	21.10 0.37 0.00	25.34 0.44 0.00	24.02 0.43 0.00	24.38 0.39 0.00	25.68 0.42 0.00	25.59 0.40 0.00	25.11 0.41 0.00	25.87 0.41 0.00	24.93 0.49 0.00	25.48 0.67 0.00	27.46 0.78 0.00	32.42 0.94 0.00	38.95 1.02 0.00	39.35 1.07 0.09	32.28 0.89 0.01	27.13 0.73 0.00	27.52 0.61 0.00	25.82 0.46 0.00
ATHENS_STG_2 23670	22.69 0.28 0.00	17.27 0.23 0.00	21.75 0.35 0.00	18.30 0.35 0.00	18.24 0.34 0.00	17.53 0.31 0.00	21.10 0.37 0.00	25.34 0.44 0.00	24.02 0.43 0.00	24.38 0.39 0.00	25.68 0.42 0.00	25.59 0.40 0.00	25.11 0.41 0.00	25.87 0.41 0.00	24.93 0.49 0.00	25.48 0.67 0.00	27.46 0.78 0.00	32.42 0.94 0.00	38.95 1.02 0.00	39.35 1.07 0.09	32.28 0.89 0.01	27.13 0.73 0.00	27.52 0.61 0.00	25.82 0.46 0.00
ATHENS_STG_3 23677	22.69 0.28 0.00	17.27 0.23 0.00	21.75 0.35 0.00	18.30 0.35 0.00	18.24 0.34 0.00	17.53 0.31 0.00	21.10 0.37 0.00	25.34 0.44 0.00	24.02 0.43 0.00	24.38 0.39 0.00	25.68 0.42 0.00	25.59 0.40 0.00	25.11 0.41 0.00	25.87 0.41 0.00	24.93 0.49 0.00	25.48 0.67 0.00	27.46 0.78 0.00	32.42 0.94 0.00	38.95 1.02 0.00	39.35 1.07 0.09	32.28 0.89 0.01	27.13 0.73 0.00	27.52 0.61 0.00	25.82 0.46 0.00
AUBURN___LFGE 323710	22.07 -0.19 0.15	16.96 -0.07 0.00	20.65 -0.19 0.56	17.41 -0.17 0.37	17.35 -0.09 0.46	16.77 -0.13 0.31	20.51 -0.12 0.10	24.56 -0.19 0.15	22.86 -0.21 0.51	23.78 -0.21 0.00	25.08 -0.19 0.00	25.09 -0.10 0.00	24.64 -0.07 0.00	25.37 -0.09 0.00	24.36 -0.07 0.00	24.88 0.07 0.00	26.82 0.15 0.00	31.70 0.22 0.00	38.24 0.31 0.00	38.78 0.32 0.00	31.54 0.12 0.00	26.42 0.03 0.00	25.49 -0.27 0.16	22.01 -0.22 3.13
BABYLON_RES_REC 323704	23.35 0.93 0.00	17.71 0.67 0.00	22.21 0.80 0.00	18.73 0.78 0.00	18.67 0.76 0.00	17.99 0.78 0.00	23.73 1.16 -1.83	29.38 1.52 -2.97	24.97 1.39 0.00	25.25 1.25 0.00	26.65 1.39 0.00	26.54 1.35 0.00	26.14 1.44 0.00	26.88 1.43 0.00	25.93 1.49 0.00	26.48 1.67 0.00	28.37 1.69 0.00	33.43 1.95 0.00	39.84 1.91 0.00	40.11 1.83 0.09	33.05 1.66 0.02	27.93 1.53 0.00	28.60 1.69 0.00	26.70 1.35 0.00
BABYLON__69_KV_BK2 356345	23.55 1.14 0.00	17.85 0.81 0.00	22.39 0.99 0.00	18.89 0.94 0.00	18.82 0.92 0.00	18.15 0.94 0.00	23.93 1.36 -1.83	29.63 1.76 -2.97	25.21 1.63 0.00	25.48 1.49 0.00	26.89 1.62 0.00	26.79 1.59 0.00	26.41 1.71 0.00	27.30 1.85 0.00	26.41 1.98 0.00	27.03 2.22 0.00	29.00 2.33 0.00	34.19 2.71 0.00	40.71 2.79 0.00	41.00 2.72 0.09	33.83 2.44 0.02	28.42 2.03 0.00	28.91 1.99 0.00	26.95 1.60 0.00
BALL_HILL_WT_PWR 323825	20.17 -1.71 0.54	15.77 -1.27 0.00	17.59 -1.77 2.04	15.00 -1.61 1.35	14.62 -1.59 1.70	14.60 -1.48 1.14	18.65 -1.71 0.38	22.51 -1.85 0.53	20.03 -1.68 1.87	22.67 -1.33 0.00	24.34 -0.93 0.00	24.78 -0.41 0.00	24.37 -0.33 0.00	23.94 -0.04 1.48	23.87 -0.57 0.00	24.60 -0.22 0.00	26.24 -0.44 0.00	30.95 -0.53 0.00	37.01 -0.92 0.00	33.52 -1.71 3.14	29.05 -1.82 0.54	24.73 -1.66 0.00	20.89 -2.10 3.92	12.75 -2.01 10.60
BARON_WINDS___WT_PWR 323822	20.28 -1.29 0.84	16.05 -0.99 0.00	16.82 -1.38 3.21	14.59 -1.23 2.12	14.02 -1.21 2.67	14.34 -1.09 1.79	18.93 -1.21 0.61	22.78 -1.28 0.83	19.44 -1.21 2.94	23.01 -0.98 0.00	24.55 -0.71 0.00	24.86 -0.34 0.00	24.47 -0.23 0.00	23.62 -0.11 1.73	24.00 -0.43 0.00	24.69 -0.12 0.00	26.40 -0.27 0.00	31.14 -0.35 0.00	37.23 -0.70 0.00	35.44 -1.23 1.71	29.61 -1.50 0.29	24.88 -1.52 0.00	18.94 -1.92 6.06	7.13 -1.85 16.38
BARRETT_IC_1 23704	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BARRETT_IC_10 23701	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BARRETT_IC_11 23702	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BARRETT_IC_12 23703	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BARRETT_IC_2 23705	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BARRETT_IC_3 23706	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BARRETT_IC_4 23707	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00

BARRETT_IC_5 23708	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BARRETT_IC_6 23709	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BARRETT_IC_7 23710	23.19 0.77 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.65 0.00	18.53 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.54 1.27 0.00	26.47 1.27 0.00	26.06 1.37 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.16 1.89 0.09	33.01 1.62 0.02	27.87 1.48 0.00	28.37 1.46 0.00	26.52 1.16 0.00
BARRETT_IC_8 23711	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BARRETT_IC_9 23700	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BARRETT___1 23545	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BARRETT___2 23546	23.19 0.78 0.00	17.59 0.55 0.00	22.05 0.65 0.00	18.60 0.64 0.00	18.54 0.63 0.00	17.85 0.64 0.00	23.51 0.94 -1.83	29.06 1.19 -2.97	24.69 1.10 0.00	25.02 1.03 0.00	26.53 1.27 0.00	26.47 1.27 0.00	26.06 1.36 0.00	26.89 1.43 0.00	25.96 1.52 0.00	26.48 1.67 0.00	28.40 1.73 0.00	33.48 2.00 0.00	39.92 1.99 0.00	40.17 1.90 0.09	33.01 1.62 0.02	27.88 1.48 0.00	28.37 1.46 0.00	26.53 1.17 0.00
BATAVIA___115KV_TB1 55881	21.07 -0.94 0.40	16.30 -0.73 0.00	18.80 -1.07 1.53	15.92 -1.02 1.01	15.65 -0.99 1.27	15.47 -0.89 0.85	19.49 -0.96 0.29	23.45 -1.04 0.40	21.20 -0.98 1.40	23.04 -0.95 0.00	24.50 -0.77 0.00	24.73 -0.46 0.00	24.27 -0.43 0.00	36.02 0.98 -9.59	25.96 -0.62 -2.15	24.60 -0.21 0.00	26.14 -0.54 0.00	30.96 -0.52 0.00	37.43 -0.50 0.00	35.44 -1.14 1.79	29.95 -1.15 0.30	25.52 -0.87 0.00	22.89 -1.10 2.93	16.46 -0.99 7.91
BAYONEEC___CTG1 323682	23.08 0.67 0.00	17.51 0.48 0.00	21.98 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.72 0.51 0.00	21.45 0.71 0.00	25.84 0.95 0.00	24.54 0.95 0.00	24.95 0.96 0.00	26.37 1.11 0.00	26.32 1.13 0.00	25.91 1.21 0.00	26.73 1.28 0.00	25.86 1.42 0.00	26.54 1.73 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.27 2.34 0.00	40.47 2.19 0.09	33.17 1.78 0.02	27.89 1.49 0.00	28.20 1.29 0.00	26.41 1.05 0.00
BAYONEEC___CTG10 323750	23.08 0.67 0.00	17.51 0.48 0.00	21.98 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.72 0.51 0.00	21.45 0.71 0.00	25.84 0.95 0.00	24.54 0.95 0.00	24.95 0.96 0.00	26.37 1.11 0.00	26.32 1.13 0.00	25.91 1.21 0.00	26.73 1.28 0.00	25.86 1.42 0.00	26.54 1.73 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.27 2.34 0.00	40.47 2.19 0.09	33.17 1.78 0.02	27.89 1.49 0.00	28.20 1.29 0.00	26.41 1.05 0.00
BAYONEEC___CTG2 323683	23.08 0.67 0.00	17.51 0.48 0.00	21.98 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.72 0.51 0.00	21.45 0.71 0.00	25.84 0.95 0.00	24.54 0.95 0.00	24.95 0.96 0.00	26.37 1.11 0.00	26.32 1.13 0.00	25.91 1.21 0.00	26.73 1.28 0.00	25.86 1.42 0.00	26.54 1.73 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.27 2.34 0.00	40.47 2.19 0.09	33.17 1.78 0.02	27.89 1.49 0.00	28.20 1.29 0.00	26.41 1.05 0.00
BAYONEEC___CTG3 323684	23.08 0.67 0.00	17.51 0.48 0.00	21.98 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.72 0.51 0.00	21.45 0.71 0.00	25.84 0.95 0.00	24.54 0.95 0.00	24.95 0.96 0.00	26.37 1.11 0.00	26.32 1.13 0.00	25.91 1.21 0.00	26.73 1.28 0.00	25.86 1.42 0.00	26.54 1.73 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.27 2.34 0.00	40.47 2.19 0.09	33.17 1.78 0.02	27.89 1.49 0.00	28.20 1.29 0.00	26.41 1.05 0.00
BAYONEEC___CTG4 323685	23.08 0.67 0.00	17.51 0.48 0.00	21.98 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.72 0.51 0.00	21.45 0.71 0.00	25.84 0.95 0.00	24.54 0.95 0.00	24.95 0.96 0.00	26.37 1.11 0.00	26.32 1.13 0.00	25.91 1.21 0.00	26.73 1.28 0.00	25.86 1.42 0.00	26.54 1.73 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.27 2.34 0.00	40.47 2.19 0.09	33.17 1.78 0.02	27.89 1.49 0.00	28.20 1.29 0.00	26.41 1.05 0.00
BAYONEEC___CTG5 323686	23.08 0.67 0.00	17.51 0.48 0.00	21.98 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.72 0.51 0.00	21.45 0.71 0.00	25.84 0.95 0.00	24.54 0.95 0.00	24.95 0.96 0.00	26.37 1.11 0.00	26.32 1.13 0.00	25.91 1.21 0.00	26.73 1.28 0.00	25.86 1.42 0.00	26.54 1.73 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.27 2.34 0.00	40.47 2.19 0.09	33.17 1.78 0.02	27.89 1.49 0.00	28.20 1.29 0.00	26.41 1.05 0.00
BAYONEEC___CTG6 323687	23.08 0.67 0.00	17.51 0.48 0.00	21.98 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.72 0.51 0.00	21.45 0.71 0.00	25.84 0.95 0.00	24.54 0.95 0.00	24.95 0.96 0.00	26.37 1.11 0.00	26.32 1.13 0.00	25.91 1.21 0.00	26.73 1.28 0.00	25.86 1.42 0.00	26.54 1.73 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.27 2.34 0.00	40.47 2.19 0.09	33.17 1.78 0.02	27.89 1.49 0.00	28.20 1.29 0.00	26.41 1.05 0.00

BAYONEEC___CTG7 323688	23.08 0.67 0.00	17.51 0.48 0.00	21.98 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.72 0.51 0.00	21.45 0.71 0.00	25.84 0.95 0.00	24.54 0.95 0.00	24.95 0.96 0.00	26.37 1.11 0.00	26.32 1.13 0.00	25.91 1.21 0.00	26.73 1.28 0.00	25.86 1.42 0.00	26.54 1.73 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.27 2.34 0.00	40.47 2.19 0.09	33.17 1.78 0.02	27.89 1.49 0.00	28.20 1.29 0.00	26.41 1.05 0.00
BAYONEEC___CTG8 323689	23.08 0.67 0.00	17.51 0.48 0.00	21.98 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.72 0.51 0.00	21.45 0.71 0.00	25.84 0.95 0.00	24.54 0.95 0.00	24.95 0.96 0.00	26.37 1.11 0.00	26.32 1.13 0.00	25.91 1.21 0.00	26.73 1.28 0.00	25.86 1.42 0.00	26.54 1.73 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.27 2.34 0.00	40.47 2.19 0.09	33.17 1.78 0.02	27.89 1.49 0.00	28.20 1.29 0.00	26.41 1.05 0.00
BAYONEEC___CTG9 323749	23.08 0.67 0.00	17.51 0.48 0.00	21.98 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.72 0.51 0.00	21.45 0.71 0.00	25.84 0.95 0.00	24.54 0.95 0.00	24.95 0.96 0.00	26.37 1.11 0.00	26.32 1.13 0.00	25.91 1.21 0.00	26.73 1.28 0.00	25.86 1.42 0.00	26.54 1.73 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.27 2.34 0.00	40.47 2.19 0.09	33.17 1.78 0.02	27.89 1.49 0.00	28.20 1.29 0.00	26.41 1.05 0.00
BEACON___LESR 323632	22.72 0.30 0.00	17.40 0.37 0.00	21.85 0.45 0.00	18.42 0.47 0.00	18.38 0.47 0.00	17.67 0.46 0.00	21.20 0.46 0.00	25.41 0.52 0.00	24.06 0.48 0.00	24.43 0.43 0.00	25.66 0.40 0.00	25.47 0.28 0.00	24.98 0.28 0.00	25.65 0.19 0.00	24.72 0.28 0.00	25.25 0.43 0.00	27.34 0.66 0.00	32.34 0.86 0.00	38.96 1.03 0.00	39.46 1.16 0.07	32.36 0.96 0.01	27.17 0.77 0.00	27.58 0.67 0.00	25.89 0.53 0.00
BEAVER RIVER___HYD 24048	22.07 -0.34 0.00	16.85 -0.19 0.00	21.22 -0.18 0.00	17.78 -0.17 0.00	17.72 -0.19 0.00	16.92 -0.29 0.00	20.60 -0.14 0.00	24.59 -0.31 0.00	23.19 -0.39 0.00	23.67 -0.33 0.00	24.87 -0.39 0.00	24.71 -0.48 0.00	24.20 -0.51 0.00	24.94 -0.52 0.00	23.82 -0.61 0.00	24.07 -0.74 0.00	25.93 -0.74 0.00	30.92 -0.57 0.00	38.02 0.09 0.00	39.10 0.73 0.00	31.52 0.12 0.00	26.17 -0.22 0.00	26.75 -0.16 0.00	25.21 -0.15 0.00
BEEBEE_GT_13 23619	21.28 -0.82 0.31	16.40 -0.63 0.00	19.32 -0.90 1.17	16.33 -0.84 0.78	16.11 -0.81 0.98	15.81 -0.75 0.65	19.67 -0.85 0.22	23.63 -0.96 0.30	21.63 -0.87 1.08	23.23 -0.76 0.00	24.65 -0.61 0.00	24.87 -0.33 0.00	24.40 -0.30 0.00	26.42 -0.35 -1.31	24.23 -0.45 -0.24	24.56 -0.25 0.00	26.37 -0.31 0.00	31.25 -0.24 0.00	37.64 -0.28 0.00	37.93 -0.87 -0.42	30.59 -0.89 -0.07	25.63 -0.77 0.00	23.67 -1.01 2.23	18.41 -0.92 6.02
BENSHRST_27_KV_BENSHRST_1 355998	24.60 0.93 -1.26	17.70 0.66 0.00	22.20 0.80 0.00	18.70 0.75 0.00	18.64 0.73 0.00	17.92 0.71 0.00	21.70 0.95 -0.01	26.14 1.24 -0.02	24.85 1.26 -0.01	26.96 1.26 -1.70	38.46 1.47 -11.72	26.69 1.49 -0.01	38.35 1.58 -12.07	39.73 1.68 -12.59	40.41 1.82 -14.16	46.94 2.13 -20.00	41.02 2.32 -12.03	40.40 2.74 -6.18	41.13 2.90 -0.31	41.03 2.75 0.09	41.20 2.24 -7.55	36.62 1.82 -8.40	30.71 1.65 -2.16	30.56 1.37 -3.84
BETHLEHEM___GRP 23843	22.45 0.04 0.00	17.24 0.21 0.00	21.71 0.31 0.00	18.29 0.34 0.00	18.24 0.33 0.00	17.50 0.29 0.00	20.91 0.18 0.00	25.07 0.18 0.00	23.76 0.17 0.00	24.11 0.12 0.00	25.35 0.09 0.00	25.20 0.00 0.00	24.67 -0.03 0.00	25.33 -0.12 0.00	24.39 -0.04 0.00	24.89 0.08 0.00	26.88 0.20 0.00	31.76 0.28 0.00	38.30 0.37 0.00	38.80 0.50 0.07	31.84 0.45 0.01	26.74 0.35 0.00	27.17 0.26 0.00	25.56 0.20 0.00
BETHLEHEM___GS1 323560	22.46 0.04 0.00	17.24 0.21 0.00	21.71 0.31 0.00	18.29 0.33 0.00	18.24 0.33 0.00	17.50 0.29 0.00	20.91 0.18 0.00	25.07 0.18 0.00	23.76 0.17 0.00	24.11 0.12 0.00	25.35 0.09 0.00	25.20 0.00 0.00	24.67 -0.03 0.00	25.33 -0.13 0.00	24.39 -0.04 0.00	24.89 0.08 0.00	26.87 0.20 0.00	31.76 0.28 0.00	38.30 0.37 0.00	38.80 0.50 0.07	31.84 0.45 0.01	26.74 0.34 0.00	27.17 0.26 0.00	25.56 0.20 0.00
BETHLEHEM___GS2 323561	22.46 0.04 0.00	17.24 0.21 0.00	21.71 0.31 0.00	18.29 0.33 0.00	18.24 0.33 0.00	17.50 0.29 0.00	20.91 0.18 0.00	25.07 0.18 0.00	23.76 0.17 0.00	24.11 0.12 0.00	25.35 0.09 0.00	25.20 0.00 0.00	24.67 -0.03 0.00	25.33 -0.13 0.00	24.39 -0.04 0.00	24.89 0.08 0.00	26.87 0.20 0.00	31.76 0.28 0.00	38.30 0.37 0.00	38.80 0.50 0.07	31.84 0.45 0.01	26.74 0.34 0.00	27.17 0.26 0.00	25.56 0.20 0.00
BETHLEHEM___GS3 323562	22.46 0.04 0.00	17.24 0.21 0.00	21.71 0.31 0.00	18.29 0.33 0.00	18.24 0.33 0.00	17.50 0.29 0.00	20.91 0.18 0.00	25.07 0.18 0.00	23.76 0.17 0.00	24.11 0.12 0.00	25.35 0.09 0.00	25.20 0.00 0.00	24.67 -0.03 0.00	25.33 -0.13 0.00	24.39 -0.04 0.00	24.89 0.08 0.00	26.87 0.20 0.00	31.76 0.28 0.00	38.30 0.37 0.00	38.80 0.50 0.07	31.84 0.45 0.01	26.74 0.34 0.00	27.17 0.26 0.00	25.56 0.20 0.00
BETHLEHEM___STEEL 23779	20.33 -1.56 0.52	15.85 -1.18 0.00	17.76 -1.65 1.99	15.12 -1.51 1.32	14.76 -1.48 1.66	14.72 -1.38 1.11	18.78 -1.59 0.37	22.61 -1.77 0.52	20.19 -1.57 1.83	22.69 -1.30 0.00	24.29 -0.97 0.00	24.69 -0.51 0.00	24.24 -0.46 0.00	25.15 -0.13 0.17	23.68 -0.76 0.00	24.38 -0.43 0.00	25.99 -0.68 0.00	30.67 -0.82 0.00	36.74 -1.19 0.00	33.16 -2.06 3.15	28.85 -2.02 0.54	24.70 -1.70 0.00	21.10 -1.99 3.82	13.21 -1.82 10.33
BETHLHEM_115KV_TB1 79974	22.50 0.09 0.00	17.25 0.22 0.00	21.73 0.33 0.00	18.30 0.34 0.00	18.24 0.34 0.00	17.51 0.30 0.00	20.95 0.21 0.00	25.12 0.22 0.00	23.80 0.22 0.00	24.16 0.17 0.00	25.40 0.14 0.00	25.26 0.06 0.00	24.73 0.03 0.00	25.40 -0.05 0.00	24.46 0.03 0.00	24.96 0.15 0.00	26.95 0.28 0.00	31.85 0.36 0.00	38.39 0.46 0.00	38.96 0.59 0.00	31.92 0.52 0.00	26.80 0.40 0.00	27.23 0.32 0.00	25.60 0.24 0.00
BETHPAGE_CC_5 323564	23.35 0.93 0.00	17.71 0.67 0.00	22.20 0.79 0.00	18.72 0.77 0.00	18.66 0.76 0.00	17.98 0.77 0.00	23.70 1.13 -1.83	29.34 1.48 -2.97	24.96 1.37 0.00	25.26 1.27 0.00	26.70 1.44 0.00	26.55 1.36 0.00	26.13 1.43 0.00	26.98 1.53 0.00	26.07 1.63 0.00	26.64 1.83 0.00	28.53 1.86 0.00	33.63 2.15 0.00	40.07 2.14 0.00	40.32 2.04 0.09	33.18 1.79 0.02	27.94 1.55 0.00	28.50 1.59 0.00	26.64 1.28 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.36 -1.52 0.54	15.88 -1.16 0.00	17.76 -1.61 2.03	15.13 -1.47 1.34	14.77 -1.45 1.69	14.74 -1.34 1.13	18.81 -1.54 0.38	22.66 -1.70 0.53	20.22 -1.50 1.87	22.76 -1.24 0.00	24.36 -0.90 0.00	24.76 -0.43 0.00	24.31 -0.39 0.00	25.23 -0.06 0.17	23.77 -0.67 0.00	24.48 -0.33 0.00	26.10 -0.57 0.00	30.80 -0.69 0.00	36.89 -1.04 3.11	33.37 -1.89 0.53	28.98 -1.90 0.00	24.78 -1.62 0.00	21.09 -1.91 3.91	13.04 -1.76 10.57

BINGHAMTON___COGEN 23790	21.98 -0.26 0.17	16.84 -0.20 0.00	20.50 -0.26 0.64	17.32 -0.21 0.42	17.17 -0.20 0.53	16.69 -0.16 0.36	20.46 -0.16 0.12	24.69 -0.20 0.00	23.34 -0.25 0.00	23.77 -0.22 0.00	25.14 -0.13 0.00	25.22 0.03 0.00	24.78 0.08 0.00	25.57 0.11 0.00	24.54 0.10 0.00	25.14 0.32 0.00	27.02 0.35 0.00	31.89 0.41 0.00	38.24 0.31 0.00	37.83 0.17 0.70	31.28 0.00 0.12	26.30 -0.10 0.00	25.27 -0.34 1.30	21.46 -0.38 3.52
BIXINCNT_115KV_LOAD 355685	20.16 -1.65 0.60	15.72 -1.31 0.00	17.44 -1.67 2.29	14.88 -1.55 1.52	14.42 -1.57 1.91	14.45 -1.49 1.28	18.57 -1.74 0.43	22.48 -1.82 0.59	20.01 -1.48 2.10	22.86 -1.13 0.00	24.45 -0.81 0.00	24.89 -0.30 0.00	24.53 -0.17 0.00	24.95 0.18 0.68	24.08 -0.35 0.00	24.81 0.00 0.00	26.46 -0.22 0.00	31.25 -0.23 0.00	37.38 -0.55 0.00	33.99 -1.46 2.92	29.17 -1.74 0.50	24.72 -1.67 0.00	20.38 -2.12 4.41	11.39 -2.04 11.93
BLACK RIVER___HYD 24047	22.19 -0.22 0.00	16.90 -0.14 0.00	21.23 -0.17 0.00	17.83 -0.12 0.00	17.80 -0.10 0.00	17.01 -0.20 0.00	20.72 -0.01 0.00	24.69 -0.20 0.00	23.28 -0.30 0.00	23.76 -0.24 0.00	24.91 -0.35 0.00	24.76 -0.43 0.00	24.23 -0.47 0.00	25.00 -0.46 0.00	23.88 -0.55 0.00	24.15 -0.66 0.00	26.04 -0.63 0.00	31.20 -0.29 0.00	38.50 0.58 0.00	39.71 1.34 0.00	31.96 0.55 0.00	26.48 0.08 0.00	27.00 0.09 0.00	25.49 0.13 0.00
BLACKRVR_115KV_TB2 79977	22.19 -0.22 0.00	16.90 -0.14 0.00	21.23 -0.17 0.00	17.83 -0.12 0.00	17.80 -0.10 0.00	17.01 -0.20 0.00	20.72 -0.01 0.00	24.69 -0.20 0.00	23.28 -0.30 0.00	23.76 -0.24 0.00	24.91 -0.35 0.00	24.77 -0.43 0.00	24.23 -0.47 0.00	25.00 -0.46 0.00	23.88 -0.55 0.00	24.15 -0.66 0.00	26.04 -0.63 0.00	31.20 -0.29 0.00	38.50 0.58 0.00	39.71 1.34 0.00	31.96 0.55 0.00	26.48 0.08 0.00	27.00 0.09 0.00	25.50 0.14 0.00
BLISS_WT_PWR 323608	20.08 -1.73 0.60	15.65 -1.39 0.00	17.37 -1.74 2.29	14.80 -1.63 1.52	14.33 -1.67 1.91	14.36 -1.58 1.28	18.45 -1.86 0.43	22.37 -1.93 0.59	19.93 -1.55 2.10	22.84 -1.15 0.00	24.43 -0.83 0.00	24.89 -0.30 0.00	24.55 -0.15 0.00	24.97 0.20 0.68	24.09 -0.34 0.00	24.83 0.01 0.00	26.47 -0.20 0.00	31.26 -0.22 0.00	37.39 -0.54 0.00	33.95 -1.50 2.92	29.08 -1.83 0.50	24.60 -1.79 0.00	20.22 -2.28 4.41	11.21 -2.22 11.93
BLUESTONE___WT_PWR 323821	23.35 0.53 -0.41	17.16 0.12 0.00	23.36 0.40 -1.56	19.29 0.31 -1.03	19.52 0.32 -1.30	18.57 0.49 -0.87	21.77 0.74 -0.29	26.26 0.96 -0.41	25.80 0.78 -1.44	24.70 0.71 0.00	25.98 0.72 0.00	25.90 0.70 0.00	25.40 0.70 0.00	26.20 0.75 0.00	25.05 0.62 0.00	25.56 0.74 0.00	27.65 0.98 0.00	32.69 1.21 0.00	39.54 1.61 0.00	39.23 1.38 0.52	31.59 0.27 0.09	26.15 -0.24 0.00	29.27 -0.51 -2.87	32.85 -0.28 -7.77
BLUE_CIRC_CHEM_DRP 24182	22.82 0.40 0.00	17.44 0.40 0.00	21.99 0.58 0.00	18.50 0.54 0.00	18.44 0.54 0.00	17.70 0.49 0.00	21.22 0.48 0.00	25.40 0.50 0.00	24.02 0.43 0.00	24.28 0.28 0.00	25.48 0.22 0.00	25.33 0.14 0.00	24.81 0.11 0.00	25.51 0.05 0.00	24.56 0.12 0.00	25.05 0.24 0.00	27.08 0.41 0.00	32.08 0.60 0.00	38.80 0.87 0.00	39.34 1.05 0.07	32.30 0.90 0.01	27.13 0.74 0.00	27.57 0.66 0.00	25.91 0.56 0.00
BOC_GAS_DRP 24189	22.61 0.19 0.00	17.25 0.21 0.00	21.73 0.33 0.00	18.28 0.33 0.00	18.23 0.32 0.00	17.50 0.29 0.00	21.02 0.28 0.00	25.21 0.32 0.00	23.90 0.31 0.00	24.26 0.26 0.00	25.52 0.25 0.00	25.40 0.21 0.00	24.89 0.19 0.00	25.61 0.15 0.00	24.66 0.22 0.00	25.15 0.34 0.00	27.12 0.45 0.00	32.04 0.55 0.00	38.58 0.65 0.00	39.11 0.74 0.00	32.05 0.64 0.00	26.91 0.52 0.00	27.34 0.43 0.00	25.70 0.34 0.00
BOONVILLE_115KV_TB1 79983	22.54 0.13 0.00	17.17 0.14 0.00	21.63 0.23 0.00	18.14 0.19 0.00	18.08 0.18 0.00	17.34 0.13 0.00	21.02 0.28 0.00	25.15 0.26 0.00	23.76 0.18 0.00	24.17 0.18 0.00	25.42 0.15 0.00	25.30 0.11 0.00	24.80 0.10 0.00	25.59 0.13 0.00	24.51 0.07 0.00	24.90 0.09 0.00	26.85 0.18 0.00	31.89 0.41 0.00	38.84 0.91 0.00	39.56 1.19 0.00	32.09 0.68 0.00	26.78 0.39 0.00	27.25 0.34 0.00	25.64 0.28 0.00
BORALEX_4TH_BRANCH 23824	23.32 0.91 0.00	17.79 0.75 0.00	22.52 1.12 0.00	18.94 0.99 0.00	18.90 0.99 0.00	18.16 0.94 0.00	21.76 1.02 0.00	26.09 1.20 0.00	24.68 1.10 0.00	25.01 1.02 0.00	26.17 0.91 0.00	25.93 0.74 0.00	25.35 0.65 0.00	26.05 0.59 0.00	24.99 0.56 0.00	25.37 0.55 0.00	27.45 0.78 0.00	32.47 0.99 0.00	39.38 1.45 0.00	40.26 1.97 0.07	33.10 1.71 0.01	27.81 1.41 0.00	28.29 1.38 0.00	26.54 1.18 0.00
BOWLINE___1 23526	22.88 0.47 0.00	17.37 0.33 0.00	21.81 0.41 0.00	18.37 0.42 0.00	18.31 0.41 0.00	17.60 0.39 0.00	21.28 0.55 0.00	25.65 0.75 0.00	24.33 0.74 0.00	24.72 0.72 0.00	26.12 0.86 0.00	26.07 0.88 0.00	25.63 0.93 0.00	26.44 0.99 0.00	25.58 1.14 0.00	26.24 1.43 0.00	28.24 1.57 0.00	33.40 1.92 0.00	39.94 2.02 0.00	40.20 1.92 0.10	32.91 1.52 0.02	27.66 1.26 0.00	27.98 1.07 0.00	26.22 0.86 0.00
BOWLINE___2 23595	22.88 0.47 0.00	17.37 0.33 0.00	21.81 0.41 0.00	18.37 0.42 0.00	18.31 0.41 0.00	17.60 0.39 0.00	21.28 0.55 0.00	25.65 0.75 0.00	24.33 0.74 0.00	24.72 0.72 0.00	26.12 0.86 0.00	26.07 0.88 0.00	25.63 0.93 0.00	26.44 0.99 0.00	25.58 1.14 0.00	26.24 1.43 0.00	28.24 1.57 0.00	33.40 1.92 0.00	39.94 2.02 0.00	40.20 1.92 0.10	32.91 1.52 0.02	27.66 1.26 0.00	27.98 1.07 0.00	26.22 0.86 0.00
BRADY___115KV_TB2 356060	22.87 0.46 0.00	17.33 0.29 0.00	21.67 0.27 0.00	18.10 0.14 0.00	18.05 0.14 0.00	17.35 0.14 0.00	21.00 0.27 0.00	25.29 0.39 0.00	23.82 0.23 0.00	24.19 0.20 0.00	25.45 0.18 0.00	25.33 0.13 0.00	24.81 0.11 0.00	25.57 0.12 0.00	24.40 -0.04 0.00	24.56 -0.25 0.00	26.29 -0.38 0.00	30.82 -0.66 0.00	37.45 -0.47 0.00	38.40 0.03 0.00	31.58 0.18 0.00	26.52 0.13 0.00	27.24 0.33 0.00	25.62 0.26 0.00
BRANSCOMB___SOLAR 323811	23.47 1.05 0.00	17.80 0.76 0.00	22.46 1.06 0.00	18.88 0.93 0.00	18.84 0.94 0.00	18.13 0.92 0.00	21.86 1.12 0.00	26.24 1.35 0.00	24.73 1.14 0.00	24.97 0.98 0.00	26.11 0.85 0.00	25.91 0.72 0.00	25.33 0.63 0.00	26.07 0.62 0.00	25.09 0.65 0.00	25.67 0.86 0.00	27.82 1.15 0.00	33.01 1.52 0.00	40.13 2.20 0.00	40.79 2.42 0.00	33.49 2.09 0.00	28.10 1.70 0.00	28.52 1.61 0.00	26.71 1.35 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.44 1.03 0.00	17.77 0.73 0.00	22.29 0.89 0.00	18.82 0.87 0.00	18.75 0.85 0.00	18.08 0.87 0.00	23.86 1.29 -1.83	29.53 1.67 -2.97	25.10 1.51 0.00	25.36 1.37 0.00	26.77 1.50 0.00	26.65 1.46 0.00	26.27 1.57 0.00	27.20 1.74 0.00	26.32 1.88 0.00	26.91 2.10 0.00	28.86 2.18 0.00	33.97 2.49 0.00	40.43 2.51 0.00	40.76 2.49 0.09	33.70 2.31 0.02	28.29 1.90 0.00	28.74 1.83 0.00	26.81 1.45 0.00

BRISTLHL_115KV_TB1 79998	22.02 -0.40 0.00	16.74 -0.30 0.00	21.02 -0.39 0.00	17.63 -0.33 0.00	17.58 -0.32 0.00	16.92 -0.30 0.00	20.39 -0.35 0.00	24.40 -0.49 0.00	23.11 -0.47 0.00	23.49 -0.51 0.00	24.70 -0.56 0.00	24.68 -0.52 0.00	24.19 -0.51 0.00	24.95 -0.51 0.00	23.95 -0.49 0.00	24.41 -0.40 0.00	26.30 -0.38 0.00	31.16 -0.32 0.00	37.56 -0.37 0.00	37.94 -0.43 0.00	30.99 -0.42 0.00	25.98 -0.41 0.00	26.35 -0.56 0.00	24.95 -0.41 0.00
BROOKHAVEN___DRP 24191	23.27 0.85 0.00	17.63 0.59 0.00	22.11 0.70 0.00	18.67 0.72 0.00	18.60 0.70 0.00	17.95 0.73 0.00	23.67 1.10 -1.83	29.27 1.41 -2.97	24.85 1.27 0.00	25.09 1.09 0.00	26.43 1.17 0.00	26.27 1.07 0.00	25.96 1.26 0.00	26.92 1.46 0.00	26.05 1.61 0.00	26.65 1.84 0.00	28.63 1.96 0.00	33.65 2.17 0.00	39.97 2.05 0.00	40.36 2.08 0.09	33.31 1.92 0.02	27.96 1.57 0.00	28.48 1.56 0.00	26.54 1.18 0.00
BROOKLYN_NAVY_YARD 23515	23.08 0.66 0.00	17.51 0.47 0.00	21.97 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.73 0.52 0.00	21.46 0.72 0.00	25.86 0.96 0.00	24.56 0.98 0.00	24.97 0.98 0.00	26.39 1.13 0.00	26.35 1.16 0.00	25.92 1.22 0.00	26.76 1.31 0.00	25.88 1.45 0.00	26.56 1.75 0.00	28.56 1.89 0.00	33.76 2.28 0.00	40.27 2.35 0.00	40.50 2.22 0.09	33.18 1.79 0.02	27.88 1.48 0.00	28.20 1.28 0.00	26.40 1.04 0.00
BROOKLYN___ARMY_DRP 323595	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
BROOKVLE_69_KV_TB1 55790	23.38 0.97 0.00	17.74 0.70 0.00	22.23 0.83 0.00	18.74 0.79 0.00	18.68 0.78 0.00	18.00 0.79 0.00	23.70 1.13 -1.83	29.35 1.49 -2.97	25.00 1.41 0.00	25.34 1.34 0.00	26.81 1.55 0.00	26.74 1.55 0.00	26.35 1.65 0.00	27.24 1.78 0.00	26.34 1.90 0.00	26.90 2.09 0.00	28.88 2.21 0.00	33.99 2.51 0.00	40.51 2.58 0.00	40.71 2.43 0.09	33.46 2.07 0.02	28.10 1.70 0.00	28.54 1.63 0.00	26.75 1.39 0.00
BROOME_2_LFGE 323671	21.98 -0.27 0.17	16.84 -0.20 0.00	20.50 -0.26 0.64	17.32 -0.21 0.42	17.17 -0.20 0.53	16.69 -0.16 0.36	20.46 -0.16 0.12	24.69 -0.20 0.00	23.34 -0.25 0.00	23.77 -0.22 0.00	25.14 -0.13 0.00	25.22 0.03 0.00	24.78 0.08 0.00	25.57 0.11 0.00	24.54 0.10 0.00	25.14 0.33 0.00	27.02 0.35 0.00	31.89 0.41 0.00	38.24 0.31 0.00	37.83 0.17 0.70	31.28 -0.01 0.12	26.30 -0.10 0.00	25.26 -0.35 1.30	21.45 -0.39 3.52
BROOME___LFGE 323600	21.98 -0.27 0.17	16.84 -0.20 0.00	20.50 -0.26 0.64	17.32 -0.21 0.42	17.17 -0.20 0.53	16.69 -0.16 0.36	20.46 -0.16 0.12	24.69 -0.20 0.00	23.34 -0.25 0.00	23.77 -0.22 0.00	25.14 -0.13 0.00	25.22 0.03 0.00	24.78 0.08 0.00	25.57 0.11 0.00	24.54 0.10 0.00	25.14 0.33 0.00	27.02 0.35 0.00	31.89 0.41 0.00	38.24 0.31 0.00	37.83 0.17 0.70	31.28 -0.01 0.12	26.30 -0.10 0.00	25.26 -0.35 1.30	21.45 -0.39 3.52
BROWNFLS_115KV_TB 3_5 80003	22.06 -0.35 0.00	16.78 -0.26 0.00	21.07 -0.33 0.00	17.64 -0.31 0.00	17.57 -0.33 0.00	16.82 -0.39 0.00	20.43 -0.31 0.00	24.47 -0.43 0.00	23.05 -0.53 0.00	23.48 -0.51 0.00	24.76 -0.51 0.00	24.60 -0.60 0.00	24.08 -0.62 0.00	24.81 -0.65 0.00	23.67 -0.76 0.00	23.89 -0.93 0.00	25.67 -1.00 0.00	30.41 -1.07 0.00	37.22 -0.70 0.00	38.23 -0.15 0.00	31.03 -0.38 0.00	25.86 -0.54 0.00	26.51 -0.40 0.00	24.98 -0.38 0.00
BROWNSV1_27_KV_LOAD 356125	23.30 0.89 0.00	17.67 0.63 0.00	22.16 0.76 0.00	18.67 0.72 0.00	18.62 0.71 0.00	17.88 0.67 0.00	21.66 0.92 0.00	26.12 1.22 0.00	24.81 1.22 0.00	25.22 1.23 0.00	26.67 1.40 0.00	26.62 1.43 0.00	26.21 1.51 0.00	27.06 1.60 0.00	26.16 1.72 0.00	26.85 2.04 0.00	28.89 2.22 0.00	34.14 2.66 0.00	40.74 2.81 0.00	40.94 2.66 0.09	33.56 2.17 0.02	28.19 1.79 0.00	28.50 1.59 0.00	26.65 1.29 0.00
BURROWS___LYONSDAL 23803	22.41 -0.01 0.00	17.09 0.06 0.00	21.55 0.15 0.00	18.06 0.11 0.00	18.00 0.09 0.00	17.23 0.02 0.00	20.91 0.17 0.00	25.01 0.11 0.00	23.63 0.04 0.00	24.07 0.07 0.00	25.30 0.04 0.00	25.17 -0.02 0.00	24.67 -0.03 0.00	25.44 -0.01 0.00	24.35 -0.08 0.00	24.70 -0.11 0.00	26.63 -0.04 0.00	31.67 0.19 0.00	38.66 0.73 0.00	39.48 1.11 0.00	31.94 0.54 0.00	26.62 0.23 0.00	27.12 0.21 0.00	25.53 0.17 0.00
CAITHNESS_CC_1 323624	23.25 0.83 0.00	17.61 0.57 0.00	22.09 0.69 0.00	18.65 0.70 0.00	18.59 0.69 0.00	17.93 0.71 0.00	23.65 1.08 -1.83	29.25 1.38 -2.97	24.83 1.25 0.00	25.08 1.08 0.00	26.43 1.17 0.00	26.28 1.08 0.00	25.95 1.25 0.00	26.90 1.45 0.00	26.04 1.60 0.00	26.63 1.82 0.00	28.60 1.93 0.00	33.62 2.14 0.00	39.94 2.02 0.00	40.30 2.02 0.09	33.28 1.89 0.02	27.95 1.56 0.00	28.45 1.54 0.00	26.55 1.19 0.00
CALPINE BETH_PAGE_GT4 24209	23.35 0.93 0.00	17.70 0.67 0.00	22.20 0.80 0.00	18.72 0.77 0.00	18.66 0.76 0.00	17.98 0.77 0.00	23.70 1.13 -1.83	29.34 1.47 -2.97	24.96 1.37 0.00	25.26 1.27 0.00	26.71 1.44 0.00	26.58 1.39 0.00	26.13 1.43 0.00	26.98 1.52 0.00	26.07 1.63 0.00	26.65 1.83 0.00	28.51 1.83 0.00	33.61 2.12 0.00	40.04 2.11 0.00	40.29 2.01 0.09	33.15 1.76 0.02	27.90 1.51 0.00	28.53 1.62 0.00	26.66 1.31 0.00
CALPINE_BETH_PAGE_GT_4 323586	23.35 0.93 0.00	17.71 0.67 0.00	22.20 0.80 0.00	18.72 0.77 0.00	18.66 0.76 0.00	17.98 0.77 0.00	23.70 1.13 -1.83	29.33 1.47 -2.97	24.95 1.37 0.00	25.26 1.27 0.00	26.70 1.44 0.00	26.58 1.39 0.00	26.13 1.43 0.00	26.98 1.52 0.00	26.07 1.63 0.00	26.65 1.84 0.00	28.51 1.83 0.00	33.60 2.12 0.00	40.04 2.11 0.00	40.29 2.01 0.09	33.14 1.75 0.02	27.91 1.51 0.00	28.53 1.62 0.00	26.68 1.32 0.00
CALPINE_BP_GT1 23823	23.35 0.93 0.00	17.71 0.67 0.00	22.20 0.80 0.00	18.72 0.77 0.00	18.66 0.76 0.00	17.98 0.77 0.00	23.70 1.13 -1.83	29.33 1.47 -2.97	24.95 1.37 0.00	25.26 1.27 0.00	26.70 1.44 0.00	26.58 1.39 0.00	26.13 1.43 0.00	26.98 1.52 0.00	26.07 1.63 0.00	26.65 1.84 0.00	28.51 1.83 0.00	33.60 2.12 0.00	40.04 2.11 0.00	40.29 2.01 0.09	33.14 1.75 0.02	27.91 1.51 0.00	28.53 1.62 0.00	26.68 1.32 0.00
CALSPAN___DRP 24200	20.33 -1.56 0.52	15.85 -1.18 0.00	17.76 -1.65 1.99	15.12 -1.51 1.32	14.76 -1.48 1.66	14.72 -1.38 1.11	18.78 -1.59 0.37	22.61 -1.77 0.52	20.19 -1.57 1.83	22.69 -1.30 0.00	24.29 -0.97 0.00	24.69 -0.51 0.00	24.24 -0.46 0.00	25.15 -0.13 0.17	23.68 -0.76 0.00	24.38 -0.43 0.00	25.99 -0.68 0.00	30.67 -0.82 0.00	36.74 -1.19 0.00	33.16 -2.06 3.15	28.85 -2.02 0.54	24.70 -1.70 0.00	21.10 -1.99 3.82	13.21 -1.82 10.33

CALVERTON___SOLAR 323806	23.31 0.90 0.00	17.66 0.62 0.00	22.14 0.74 0.00	18.70 0.75 0.00	18.64 0.73 0.00	17.98 0.77 0.00	23.72 1.15 -1.83	29.33 1.46 -2.97	24.88 1.29 0.00	25.12 1.13 0.00	26.46 1.19 0.00	26.29 1.09 0.00	25.99 1.29 0.00	26.95 1.50 0.00	26.07 1.64 0.00	26.68 1.87 0.00	28.68 2.01 0.00	33.71 2.23 0.00	40.04 2.11 0.00	40.41 2.14 0.09	33.37 1.98 0.02	28.01 1.61 0.00	28.52 1.61 0.00	26.58 1.23 0.00
CANDIGU_WT_PWR 323617	20.28 -1.29 0.84	16.05 -0.99 0.00	16.82 -1.38 3.21	14.59 -1.23 2.12	14.02 -1.21 2.67	14.34 -1.09 1.79	18.93 -1.21 0.61	22.78 -1.28 0.83	19.44 -1.21 2.94	23.01 -0.98 0.00	24.55 -0.71 0.00	24.86 -0.34 0.00	24.47 -0.23 0.00	23.62 -0.11 1.73	24.00 -0.43 0.00	24.69 -0.12 0.00	26.40 -0.27 0.00	31.14 -0.35 0.00	37.23 -0.70 0.00	35.44 -1.23 1.71	29.61 -1.50 0.29	24.88 -1.52 0.00	18.94 -1.92 6.06	7.13 -1.85 16.38
CARR STREET_E_SYR 24060	22.12 -0.30 0.00	16.81 -0.23 0.00	21.10 -0.30 0.00	17.69 -0.27 0.00	17.65 -0.25 0.00	16.99 -0.22 0.00	20.47 -0.27 0.00	24.52 -0.38 0.00	23.23 -0.35 0.00	23.65 -0.35 0.00	24.91 -0.35 0.00	24.91 -0.28 0.00	24.42 -0.28 0.00	25.21 -0.25 0.00	24.18 -0.25 0.00	24.66 -0.15 0.00	26.56 -0.11 0.00	31.50 0.02 0.00	37.95 0.02 0.00	38.25 -0.12 0.00	31.20 -0.20 0.00	26.15 -0.24 0.00	26.51 -0.40 0.00	25.07 -0.29 0.00
CARTHAGE___PAPER 23857	22.27 -0.15 0.00	16.97 -0.07 0.00	21.36 -0.04 0.00	17.91 -0.04 0.00	17.86 -0.04 0.00	17.07 -0.14 0.00	20.79 0.06 0.00	24.80 -0.09 0.00	23.37 -0.21 0.00	23.81 -0.18 0.00	24.98 -0.28 0.00	24.81 -0.39 0.00	24.28 -0.42 0.00	25.04 -0.42 0.00	23.91 -0.52 0.00	24.16 -0.65 0.00	26.06 -0.61 0.00	31.16 -0.32 0.00	38.45 0.53 0.00	39.64 1.27 0.00	31.93 0.53 0.00	26.49 0.09 0.00	27.05 0.14 0.00	25.50 0.14 0.00
CASSADAGA_WT_PWR 323784	19.83 -1.98 0.59	15.55 -1.49 0.00	17.01 -2.13 2.26	14.49 -1.97 1.49	14.04 -1.98 1.88	14.14 -1.81 1.26	18.29 -2.02 0.42	22.18 -2.13 0.59	19.61 -1.90 2.07	22.80 -1.20 0.00	24.74 -0.52 0.00	25.30 0.11 0.00	24.95 0.25 0.00	24.95 0.58 1.09	24.54 0.11 0.00	25.32 0.51 0.00	27.02 0.35 0.00	31.91 0.43 0.00	38.11 0.18 0.00	34.68 -0.71 2.98	29.49 -1.41 0.51	24.75 -1.65 0.00	20.18 -2.39 4.35	11.12 -2.48 11.76
CE_DUNWOOD___DRP 24194	23.03 0.61 0.00	17.47 0.44 0.00	21.95 0.54 0.00	18.49 0.54 0.00	18.43 0.53 0.00	17.71 0.50 0.00	21.42 0.68 0.00	25.81 0.91 0.00	24.49 0.91 0.00	24.88 0.89 0.00	26.30 1.03 0.00	26.23 1.04 0.00	25.80 1.10 0.00	26.63 1.17 0.00	25.74 1.30 0.00	26.40 1.59 0.00	28.40 1.73 0.00	33.57 2.09 0.00	40.14 2.21 0.00	40.37 2.10 0.09	33.09 1.70 0.02	27.80 1.40 0.00	28.12 1.21 0.00	26.33 0.97 0.00
CE_MILLWOOD___DRP 24193	22.99 0.57 0.00	17.45 0.41 0.00	21.91 0.51 0.00	18.46 0.51 0.00	18.40 0.50 0.00	17.68 0.47 0.00	21.38 0.64 0.00	25.76 0.87 0.00	24.45 0.86 0.00	24.83 0.84 0.00	26.24 0.98 0.00	26.18 0.98 0.00	25.74 1.05 0.00	26.56 1.11 0.00	25.68 1.24 0.00	26.34 1.53 0.00	28.34 1.67 0.00	33.50 2.02 0.00	40.07 2.14 0.00	40.31 2.04 0.09	33.03 1.64 0.02	27.75 1.35 0.00	28.08 1.17 0.00	26.29 0.93 0.00
CE_NYC2_DRP 24202	23.14 0.73 0.00	17.56 0.53 0.00	22.04 0.64 0.00	18.57 0.62 0.00	18.52 0.61 0.00	17.79 0.58 0.00	21.53 0.79 0.00	25.92 1.02 0.00	24.64 1.06 0.00	25.04 1.05 0.00	26.50 1.24 0.00	26.46 1.26 0.00	26.03 1.33 0.00	26.87 1.42 0.00	26.00 1.56 -0.01	26.77 1.85 -0.10	28.67 2.00 0.00	33.86 2.37 0.00	40.39 2.46 0.00	40.61 2.34 0.09	33.29 1.90 0.02	27.96 1.56 0.00	28.28 1.37 0.00	26.47 1.11 0.00
CE_NYC_DRP 24195	23.12 0.70 0.00	17.54 0.50 0.00	22.01 0.61 0.00	18.54 0.59 0.00	18.49 0.59 0.00	17.76 0.54 0.00	21.48 0.74 0.00	25.89 1.00 0.00	24.59 1.00 0.00	25.00 1.00 0.00	26.42 1.16 0.00	26.38 1.18 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.91 1.48 0.00	26.59 1.79 0.00	28.61 1.94 0.00	33.80 2.32 0.00	40.34 2.41 0.00	40.55 2.27 0.09	33.23 1.84 0.02	27.92 1.52 0.00	28.24 1.33 0.00	26.43 1.07 0.00
CHAFFEE___LFGE 323603	20.37 -1.48 0.56	15.91 -1.12 0.00	17.69 -1.57 2.14	15.09 -1.45 1.42	14.71 -1.41 1.78	14.71 -1.31 1.19	18.84 -1.50 0.40	22.71 -1.63 0.56	20.17 -1.45 1.97	22.79 -1.20 0.00	24.39 -0.88 0.00	24.79 -0.41 0.00	24.34 -0.36 0.00	24.78 -0.03 0.65	23.79 -0.65 0.00	24.51 -0.30 0.00	26.13 -0.54 0.00	30.83 -0.65 0.00	36.93 -1.00 0.00	33.48 -1.85 3.03	29.06 -1.83 0.52	24.84 -1.56 0.00	20.95 -1.84 4.12	12.51 -1.70 11.15
CHATEAUG_35_KV_LOAD 355732	22.91 0.50 0.00	17.21 0.17 0.00	21.51 0.11 0.00	18.03 0.08 0.00	17.91 0.01 0.00	17.21 -0.01 0.00	20.64 -0.09 0.00	24.91 0.02 0.00	23.70 0.12 0.00	24.20 0.20 0.00	25.48 0.22 0.00	25.40 0.21 0.00	24.95 0.25 0.00	25.71 0.25 0.00	24.58 0.14 0.00	24.88 0.07 0.00	26.60 -0.07 0.00	31.00 -0.48 0.00	37.49 -0.44 0.00	38.11 -0.26 0.00	31.04 -0.36 0.00	25.82 -0.57 0.00	26.53 -0.38 0.00	25.10 -0.26 0.00
CHATEAUG_WT_PWR 323614	22.86 0.45 0.00	17.17 0.14 0.00	21.46 0.05 0.00	17.98 0.03 0.00	17.88 -0.03 0.00	17.18 -0.03 0.00	20.60 -0.14 0.00	24.84 -0.05 0.00	23.67 0.08 0.00	24.18 0.19 0.00	25.46 0.19 0.00	25.39 0.20 0.00	24.94 0.24 0.00	25.70 0.24 0.00	24.58 0.15 0.00	24.90 0.09 0.00	26.64 -0.03 0.00	31.04 -0.44 0.00	37.50 -0.43 0.00	38.11 -0.25 0.00	31.03 -0.38 0.00	25.79 -0.61 0.00	26.48 -0.43 0.00	25.06 -0.30 0.00
CHAT_HIGH_FALL_HYD 323578	22.91 0.50 0.00	17.21 0.17 0.00	21.51 0.11 0.00	18.03 0.08 0.00	17.91 0.01 0.00	17.21 -0.01 0.00	20.64 -0.09 0.00	24.91 0.02 0.00	23.70 0.12 0.00	24.20 0.20 0.00	25.48 0.22 0.00	25.40 0.21 0.00	24.95 0.25 0.00	25.71 0.25 0.00	24.58 0.14 0.00	24.88 0.07 0.00	26.60 -0.07 0.00	31.00 -0.48 0.00	37.49 -0.44 0.00	38.11 -0.26 0.00	31.04 -0.36 0.00	25.82 -0.57 0.00	26.53 -0.38 0.00	25.10 -0.26 0.00
CHAUTAUQUA___LFGE 323629	20.09 -1.76 0.56	15.74 -1.30 0.00	17.44 -1.84 2.12	14.88 -1.67 1.40	14.48 -1.66 1.77	14.49 -1.54 1.18	18.58 -1.76 0.40	22.49 -1.86 0.55	19.92 -1.72 1.95	22.75 -1.24 0.00	24.51 -0.75 0.00	25.02 -0.17 0.00	24.64 -0.06 0.00	24.49 0.22 1.19	24.17 -0.27 0.00	24.93 0.12 0.00	26.60 -0.07 0.00	31.39 -0.09 0.00	37.49 -0.44 0.00	34.11 -1.20 3.07	29.34 -1.54 0.52	24.86 -1.54 0.00	20.72 -2.11 4.09	12.21 -2.09 11.05
CHERRYST_13_KV_LD 356241	23.17 0.76 0.00	17.58 0.54 0.00	22.06 0.65 0.00	18.59 0.64 0.00	18.53 0.63 0.00	17.80 0.59 0.00	21.55 0.81 0.00	25.97 1.08 0.00	24.68 1.10 0.00	25.09 1.10 0.00	26.53 1.27 0.00	26.48 1.29 0.00	26.07 1.37 0.00	26.91 1.45 0.00	26.02 1.58 0.00	26.71 1.89 0.00	28.73 2.05 0.00	33.95 2.47 0.00	40.48 2.56 0.00	40.68 2.40 0.09	33.33 1.94 0.02	28.00 1.61 0.00	28.32 1.41 0.00	26.49 1.14 0.00

CHESTROR_138KV_BK263 355645	22.81 0.40 0.00	17.33 0.29 0.00	21.76 0.36 0.00	18.33 0.38 0.00	18.27 0.36 0.00	17.56 0.35 0.00	21.21 0.47 0.00	25.54 0.65 0.00	24.21 0.62 0.00	24.58 0.59 0.00	25.95 0.68 0.00	25.89 0.70 0.00	25.44 0.74 0.00	26.24 0.79 0.00	25.35 0.91 0.00	25.98 1.17 0.00	27.98 1.31 0.00	33.09 1.61 0.00	39.66 1.73 0.00	39.93 1.66 0.10	32.72 1.33 0.02	27.48 1.09 0.00	27.82 0.91 0.00	26.08 0.72 0.00
CH_MIDHUDSON___DRP 24192	23.00 0.59 0.00	17.46 0.43 0.00	21.95 0.55 0.00	18.49 0.54 0.00	18.43 0.52 0.00	17.72 0.51 0.00	21.40 0.66 0.00	25.76 0.87 0.00	24.43 0.85 0.00	24.81 0.81 0.00	26.16 0.90 0.00	26.09 0.90 0.00	25.62 0.92 0.00	26.43 0.97 0.00	25.50 1.07 0.00	26.15 1.34 0.00	28.18 1.51 0.00	33.32 1.84 0.00	39.97 2.04 0.00	40.29 2.01 0.09	33.03 1.63 0.02	27.72 1.33 0.00	28.05 1.14 0.00	26.26 0.90 0.00
CH_MISC_IPPS 23765	23.11 0.69 0.00	17.54 0.50 0.00	22.03 0.63 0.00	18.55 0.60 0.00	18.49 0.58 0.00	17.78 0.57 0.00	21.49 0.76 0.00	25.89 0.99 0.00	24.54 0.95 0.00	24.91 0.92 0.00	26.29 1.03 0.00	26.22 1.03 0.00	25.77 1.06 0.00	26.59 1.13 0.00	25.67 1.24 0.00	26.35 1.53 0.00	28.39 1.72 0.00	33.60 2.12 0.00	40.28 2.35 0.00	40.57 2.29 0.09	33.23 1.84 0.02	27.90 1.50 0.00	28.20 1.29 0.00	26.40 1.04 0.00
CH_RES_BVR_FALLS 23983	22.30 -0.12 0.00	16.95 -0.09 0.00	21.29 -0.12 0.00	17.82 -0.14 0.00	17.77 -0.14 0.00	17.08 -0.13 0.00	20.61 -0.13 0.00	24.78 -0.11 0.00	23.51 -0.08 0.00	23.99 0.00 0.00	25.24 -0.02 0.00	25.15 -0.04 0.00	24.64 -0.07 0.00	25.38 -0.07 0.00	24.29 -0.14 0.00	24.57 -0.24 0.00	26.33 -0.34 0.00	30.99 -0.49 0.00	37.45 -0.48 0.00	37.96 -0.41 0.00	30.99 -0.41 0.00	25.99 -0.41 0.00	26.49 -0.42 0.00	24.87 -0.49 0.00
CH_RES_NIAGARA 23895	19.90 -2.06 0.45	15.47 -1.57 0.00	17.57 -2.12 1.71	14.91 -1.90 1.14	14.60 -1.88 1.43	14.53 -1.73 0.96	18.36 -2.05 0.32	22.02 -2.43 0.45	19.84 -2.16 1.58	22.03 -1.96 0.00	23.56 -1.70 0.00	23.94 -1.25 0.00	23.45 -1.25 0.00	24.47 -0.98 0.00	22.77 -1.66 0.00	23.42 -1.40 0.00	24.92 -1.75 0.00	29.36 -2.13 0.00	35.23 -2.70 0.00	31.09 -3.72 3.56	27.59 -3.21 0.61	23.84 -2.55 0.00	20.93 -2.69 3.29	14.11 -2.34 8.91
CH_RES_SYRACUSE 23985	22.25 -0.16 0.00	16.92 -0.12 0.00	21.23 -0.16 0.00	17.81 -0.14 0.00	17.78 -0.12 0.00	17.10 -0.11 0.00	20.62 -0.11 0.00	24.71 -0.18 0.00	23.38 -0.20 0.00	23.79 -0.20 0.00	25.07 -0.19 0.00	25.06 -0.13 0.00	24.58 -0.12 0.00	25.36 -0.09 0.00	24.36 -0.07 0.00	24.85 0.05 0.00	26.78 0.11 0.00	31.69 0.21 0.00	38.17 0.24 0.00	38.51 0.14 0.00	31.40 -0.01 0.00	26.32 -0.07 0.00	26.66 -0.25 0.00	25.19 -0.16 0.00
CLINTON_WT_PWR 323605	22.86 0.45 0.00	17.17 0.14 0.00	21.46 0.05 0.00	17.98 0.03 0.00	17.88 -0.03 0.00	17.18 -0.03 0.00	20.60 -0.14 0.00	24.84 -0.05 0.00	23.67 0.08 0.00	24.18 0.19 0.00	25.46 0.19 0.00	25.39 0.20 0.00	24.94 0.24 0.00	25.70 0.24 0.00	24.58 0.15 0.00	24.90 0.09 0.00	26.64 -0.03 0.00	31.04 -0.44 0.00	37.50 -0.43 0.00	38.11 -0.25 0.00	31.03 -0.38 0.00	25.79 -0.61 0.00	26.48 -0.43 0.00	25.06 -0.30 0.00
CLINTON___LFGE 323618	23.33 0.91 0.00	17.52 0.48 0.00	21.96 0.56 0.00	18.42 0.47 0.00	18.31 0.41 0.00	17.58 0.37 0.00	21.10 0.36 0.00	25.34 0.45 0.00	24.04 0.45 0.00	24.48 0.48 0.00	25.77 0.51 0.00	25.67 0.48 0.00	25.23 0.53 0.00	25.99 0.54 0.00	24.87 0.44 0.00	25.31 0.49 0.00	27.08 0.41 0.00	31.41 -0.07 0.00	37.87 -0.06 0.00	38.50 0.13 0.00	31.39 -0.02 0.00	26.08 -0.32 0.00	26.75 -0.16 0.00	25.30 -0.06 0.00
COBBLENY_34_KV_TB1 80064	20.38 -1.48 0.56	15.91 -1.12 0.00	17.69 -1.58 2.14	15.09 -1.44 1.42	14.71 -1.40 1.78	14.71 -1.31 1.19	18.84 -1.50 0.40	22.71 -1.63 0.56	20.18 -1.44 1.97	22.79 -1.20 0.00	24.39 -0.88 0.00	24.79 -0.41 0.00	24.34 -0.36 0.00	24.76 -0.04 0.65	23.79 -0.65 0.00	24.51 -0.30 0.00	26.13 -0.54 0.00	30.83 -0.65 0.00	36.93 -1.00 0.00	33.49 -1.85 3.03	29.05 -1.84 0.52	24.84 -1.56 0.00	20.96 -1.82 4.12	12.54 -1.68 11.15
COFFEEN___115KV_TB3 355620	22.35 -0.06 0.00	17.01 -0.02 0.00	21.38 -0.02 0.00	17.95 -0.01 0.00	17.92 0.02 0.00	17.14 -0.07 0.00	20.89 0.15 0.00	24.90 0.00 0.00	23.49 -0.09 0.00	23.93 -0.06 0.00	25.05 -0.21 0.00	24.88 -0.31 0.00	24.34 -0.36 0.00	25.09 -0.36 0.00	23.94 -0.49 0.00	24.21 -0.61 0.00	26.13 -0.54 0.00	31.36 -0.12 0.00	38.78 0.85 0.00	40.07 1.70 0.00	32.30 0.89 0.00	26.76 0.36 0.00	27.24 0.33 0.00	25.69 0.33 0.00
COLDSPRG_115KV_BK1 355956	20.36 -1.40 0.65	16.00 -1.04 0.00	17.46 -1.48 2.47	14.98 -1.34 1.63	14.52 -1.33 2.06	14.63 -1.21 1.37	18.98 -1.30 0.46	22.97 -1.28 0.64	20.22 -1.11 2.26	23.29 -0.71 0.00	25.00 -0.26 0.00	25.47 0.27 0.00	25.07 0.37 0.00	25.27 0.74 0.93	24.73 0.30 0.00	25.49 0.68 0.00	27.17 0.50 0.00	32.12 0.64 0.00	38.38 0.45 0.00	35.29 -0.24 2.84	30.15 -0.77 0.48	25.47 -0.93 0.00	20.66 -1.49 4.76	10.94 -1.54 12.87
COLONIE_LFGE___ 323577	23.06 0.65 0.00	17.56 0.52 0.00	22.17 0.77 0.00	18.63 0.68 0.00	18.59 0.69 0.00	17.86 0.65 0.00	21.47 0.73 0.00	25.76 0.87 0.00	24.37 0.78 0.00	24.70 0.71 0.00	25.90 0.64 0.00	25.72 0.53 0.00	25.18 0.48 0.00	25.90 0.44 0.00	24.90 0.46 0.00	25.39 0.58 0.00	27.46 0.79 0.00	32.49 1.00 0.00	39.31 1.38 0.00	39.97 1.60 0.00	32.78 1.37 0.00	27.51 1.12 0.00	27.96 1.05 0.00	26.24 0.88 0.00
COOPERNY_115KV_TB1 80082	22.64 0.23 0.00	17.21 0.17 0.00	21.60 0.21 0.00	18.18 0.23 0.00	18.12 0.22 0.00	17.43 0.22 0.00	21.04 0.30 0.00	25.31 0.41 0.00	23.98 0.40 0.00	24.37 0.37 0.00	25.71 0.45 0.00	25.65 0.46 0.00	25.20 0.50 0.00	25.99 0.54 0.00	25.06 0.63 0.00	25.65 0.84 0.00	27.60 0.92 0.00	32.61 1.13 0.00	39.11 1.18 0.00	39.39 1.14 0.11	32.29 0.90 0.02	27.14 0.74 0.00	27.50 0.59 0.00	25.81 0.45 0.00
COPENHAGEN_WT_PWR 323753	22.01 -0.40 0.00	16.76 -0.28 0.00	21.06 -0.34 0.00	17.71 -0.24 0.00	17.68 -0.22 0.00	16.87 -0.34 0.00	20.55 -0.18 0.00	24.46 -0.44 0.00	23.12 -0.47 0.00	23.67 -0.32 0.00	24.85 -0.41 0.00	24.71 -0.48 0.00	24.18 -0.52 0.00	24.96 -0.50 0.00	23.84 -0.59 0.00	24.09 -0.72 0.00	25.95 -0.72 0.00	31.07 -0.41 0.00	38.31 0.39 0.00	39.49 1.12 0.00	31.69 0.28 0.00	26.23 -0.16 0.00	26.78 -0.13 0.00	25.35 -0.01 0.00
CORNELL_____ 23752	25.41 0.14 -2.86	17.12 0.08 0.00	32.32 0.08 -10.83	25.19 0.06 -7.17	27.00 0.07 -9.02	23.38 0.13 -6.04	23.01 0.23 -2.04	27.77 0.34 -2.53	32.72 0.21 -8.92	24.11 0.12 0.00	25.37 0.11 0.00	25.35 0.16 0.00	24.87 0.18 0.00	25.66 0.21 0.00	24.60 0.16 0.00	25.17 0.36 0.00	27.16 0.49 0.00	32.18 0.70 0.00	38.95 1.02 0.00	38.80 1.02 0.59	31.98 0.67 0.10	26.79 0.40 0.00	47.63 0.14 -20.58	81.09 0.09 -55.64

CORONA__69_KV_TB1 355595	23.32 0.90 0.00	17.68 0.64 0.00	22.17 0.77 0.00	18.69 0.74 0.00	18.63 0.72 0.00	17.94 0.73 0.00	23.61 1.04 -1.83	29.21 1.35 -2.97	24.84 1.26 0.00	25.18 1.19 0.00	26.67 1.41 0.00	26.60 1.41 0.00	26.20 1.50 0.00	27.07 1.61 0.00	26.16 1.73 0.00	26.76 1.95 0.00	28.74 2.08 0.00	33.91 2.43 0.00	40.45 2.52 0.00	40.69 2.41 0.09	33.42 2.03 0.02	28.13 1.73 0.00	28.55 1.64 0.00	26.69 1.33 0.00
CORTLAND__115KV_TB3 80093	23.22 -0.01 -0.81	17.02 -0.02 0.00	24.45 -0.03 -3.08	19.97 -0.02 -2.04	20.46 -0.01 -2.56	18.95 0.03 -1.72	21.40 0.08 -0.58	25.74 0.12 -0.72	26.18 0.04 -2.55	23.98 -0.01 0.00	25.27 0.01 0.00	25.27 0.07 0.00	24.79 0.09 0.00	25.58 0.12 0.00	24.54 0.10 0.00	25.09 0.28 0.00	27.03 0.36 0.00	31.97 0.49 0.00	38.56 0.64 0.00	38.70 0.61 0.28	31.74 0.38 0.05	26.60 0.20 0.00	32.64 -0.01 -5.73	40.83 -0.02 -15.49
COXSACKIE__GT 23611	23.60 1.18 0.00	18.07 1.03 0.00	22.77 1.37 0.00	19.15 1.20 0.00	19.11 1.21 0.00	18.38 1.17 0.00	22.06 1.32 0.00	26.44 1.55 0.00	24.89 1.31 0.00	24.91 0.92 0.00	25.96 0.70 0.00	25.70 0.50 0.00	25.12 0.42 0.00	25.84 0.38 0.00	24.86 0.42 0.00	25.40 0.59 0.00	27.69 1.02 0.00	33.09 1.60 0.00	40.43 2.50 0.00	41.32 3.03 0.08	33.88 2.49 0.01	28.33 1.94 0.00	28.67 1.76 0.00	26.87 1.51 0.00
CPV_VALLEY__CC1 323721	22.67 0.26 0.00	17.24 0.20 0.00	21.63 0.23 0.00	18.23 0.28 0.00	18.16 0.26 0.00	17.47 0.25 0.00	21.08 0.34 0.00	25.38 0.48 0.00	24.06 0.47 0.00	24.44 0.44 0.00	25.79 0.53 0.00	25.74 0.55 0.00	25.29 0.59 0.00	26.09 0.63 0.00	25.19 0.76 0.00	25.80 0.99 0.00	27.77 1.10 0.00	32.82 1.33 0.00	39.32 1.39 0.00	39.60 1.33 0.10	32.45 1.06 0.02	27.28 0.88 0.00	27.63 0.72 0.00	25.91 0.55 0.00
CPV_VALLEY__CC2 323722	22.67 0.26 0.00	17.24 0.20 0.00	21.63 0.23 0.00	18.23 0.28 0.00	18.16 0.26 0.00	17.47 0.25 0.00	21.08 0.34 0.00	25.38 0.48 0.00	24.06 0.47 0.00	24.44 0.44 0.00	25.79 0.53 0.00	25.74 0.55 0.00	25.29 0.59 0.00	26.09 0.63 0.00	25.19 0.76 0.00	25.80 0.99 0.00	27.77 1.10 0.00	32.82 1.33 0.00	39.32 1.39 0.00	39.60 1.33 0.10	32.45 1.06 0.02	27.28 0.88 0.00	27.63 0.72 0.00	25.91 0.55 0.00
CRESCENT__HYD 24018	23.06 0.65 0.00	17.56 0.52 0.00	22.17 0.77 0.00	18.63 0.68 0.00	18.59 0.69 0.00	17.86 0.65 0.00	21.47 0.73 0.00	25.76 0.87 0.00	24.37 0.78 0.00	24.70 0.71 0.00	25.90 0.64 0.00	25.72 0.53 0.00	25.18 0.48 0.00	25.90 0.44 0.00	24.90 0.46 0.00	25.39 0.58 0.00	27.46 0.79 0.00	32.49 1.00 0.00	39.31 1.38 0.00	39.97 1.60 0.00	32.78 1.37 0.00	27.51 1.12 0.00	27.96 1.05 0.00	26.24 0.88 0.00
CRICKET__VALLEY_CC1 323756	22.85 0.43 0.00	17.35 0.31 0.00	21.84 0.44 0.00	18.40 0.45 0.00	18.34 0.44 0.00	17.63 0.42 0.00	21.25 0.52 0.00	25.57 0.68 0.00	24.26 0.67 0.00	24.64 0.65 0.00	25.97 0.70 0.00	25.86 0.66 0.00	25.35 0.66 0.00	26.11 0.65 0.00	25.17 0.73 0.00	25.80 0.99 0.00	27.79 1.12 0.00	32.85 1.36 0.00	39.50 1.57 0.00	39.91 1.62 0.09	32.72 1.32 0.02	27.47 1.07 0.00	27.82 0.90 0.00	26.08 0.72 0.00
CRICKET__VALLEY_CC2 323757	22.85 0.43 0.00	17.35 0.31 0.00	21.84 0.44 0.00	18.40 0.45 0.00	18.34 0.44 0.00	17.63 0.42 0.00	21.25 0.52 0.00	25.57 0.68 0.00	24.26 0.67 0.00	24.64 0.65 0.00	25.97 0.70 0.00	25.86 0.66 0.00	25.35 0.66 0.00	26.11 0.65 0.00	25.17 0.73 0.00	25.80 0.99 0.00	27.79 1.12 0.00	32.85 1.36 0.00	39.50 1.57 0.00	39.91 1.62 0.09	32.72 1.32 0.02	27.47 1.07 0.00	27.82 0.90 0.00	26.08 0.72 0.00
CRICKET__VALLEY_CC3 323758	22.85 0.43 0.00	17.35 0.31 0.00	21.84 0.44 0.00	18.40 0.45 0.00	18.34 0.44 0.00	17.63 0.42 0.00	21.25 0.52 0.00	25.57 0.68 0.00	24.26 0.67 0.00	24.64 0.65 0.00	25.97 0.70 0.00	25.86 0.66 0.00	25.35 0.66 0.00	26.11 0.65 0.00	25.17 0.73 0.00	25.80 0.99 0.00	27.79 1.12 0.00	32.85 1.36 0.00	39.50 1.57 0.00	39.91 1.62 0.09	32.72 1.32 0.02	27.47 1.07 0.00	27.82 0.90 0.00	26.08 0.72 0.00
CRUCIBLE_METL_DRP 24180	22.25 -0.16 0.00	16.92 -0.12 0.00	21.24 -0.16 0.00	17.81 -0.14 0.00	17.78 -0.12 0.00	17.10 -0.11 0.00	20.62 -0.11 0.00	24.71 -0.18 0.00	23.38 -0.20 0.00	23.79 -0.20 0.00	25.07 -0.19 0.00	25.06 -0.13 0.00	24.58 -0.12 0.00	25.36 -0.09 0.00	24.36 -0.07 0.00	24.85 0.04 0.00	26.78 0.11 0.00	31.68 0.20 0.00	38.17 0.24 0.00	38.51 0.14 0.00	31.40 -0.01 0.00	26.32 -0.08 0.00	26.66 -0.25 0.00	25.20 -0.16 0.00
DAHOWA__HYDRO 323763	23.61 1.19 0.00	17.89 0.85 0.00	22.58 1.18 0.00	18.98 1.03 0.00	18.95 1.05 0.00	18.23 1.02 0.00	22.01 1.28 0.00	26.43 1.54 0.00	24.89 1.31 0.00	25.13 1.14 0.00	26.26 1.00 0.00	26.04 0.85 0.00	25.46 0.76 0.00	26.20 0.75 0.00	25.22 0.79 0.00	25.82 1.01 0.00	27.99 1.32 0.00	33.21 1.73 0.00	40.43 2.50 0.00	41.07 2.70 0.00	33.75 2.34 0.00	28.30 1.91 0.00	28.72 1.81 0.00	26.88 1.52 0.00
DANC__LFGE 323619	22.02 -0.39 0.00	16.76 -0.27 0.00	21.05 -0.35 0.00	17.68 -0.27 0.00	17.65 -0.26 0.00	16.89 -0.33 0.00	20.49 -0.25 0.00	24.44 -0.46 0.00	23.11 -0.47 0.00	23.60 -0.40 0.00	24.79 -0.47 0.00	24.71 -0.49 0.00	24.19 -0.51 0.00	24.96 -0.49 0.00	23.89 -0.55 0.00	24.18 -0.63 0.00	26.04 -0.63 0.00	31.07 -0.41 0.00	38.00 0.07 0.00	38.87 0.49 0.00	31.42 0.01 0.00	26.15 -0.24 0.00	26.65 -0.27 0.00	25.20 -0.16 0.00
DANSKAMMER__1 23586	23.11 0.69 0.00	17.54 0.50 0.00	22.03 0.63 0.00	18.55 0.60 0.00	18.49 0.58 0.00	17.78 0.57 0.00	21.49 0.76 0.00	25.89 0.99 0.00	24.54 0.95 0.00	24.91 0.92 0.00	26.29 1.03 0.00	26.22 1.03 0.00	25.77 1.06 0.00	26.59 1.13 0.00	25.67 1.24 0.00	26.35 1.53 0.00	28.39 1.72 0.00	33.60 2.12 0.00	40.28 2.35 0.00	40.57 2.29 0.09	33.23 1.84 0.02	27.90 1.50 0.00	28.20 1.29 0.00	26.40 1.04 0.00
DANSKAMMER__2 23589	23.11 0.69 0.00	17.54 0.50 0.00	22.03 0.63 0.00	18.55 0.60 0.00	18.49 0.58 0.00	17.78 0.57 0.00	21.49 0.76 0.00	25.89 0.99 0.00	24.54 0.95 0.00	24.91 0.92 0.00	26.29 1.03 0.00	26.22 1.03 0.00	25.77 1.06 0.00	26.59 1.13 0.00	25.67 1.24 0.00	26.35 1.53 0.00	28.39 1.72 0.00	33.60 2.12 0.00	40.28 2.35 0.00	40.57 2.29 0.09	33.23 1.84 0.02	27.90 1.50 0.00	28.20 1.29 0.00	26.40 1.04 0.00
DANSKAMMER__3 23590	23.11 0.69 0.00	17.54 0.50 0.00	22.03 0.63 0.00	18.55 0.60 0.00	18.49 0.58 0.00	17.78 0.57 0.00	21.49 0.76 0.00	25.89 0.99 0.00	24.54 0.95 0.00	24.91 0.92 0.00	26.29 1.03 0.00	26.22 1.03 0.00	25.77 1.06 0.00	26.59 1.13 0.00	25.67 1.24 0.00	26.35 1.53 0.00	28.39 1.72 0.00	33.60 2.12 0.00	40.28 2.35 0.00	40.57 2.29 0.09	33.23 1.84 0.02	27.90 1.50 0.00	28.20 1.29 0.00	26.40 1.04 0.00

DANSKAMMER___4 23591	23.11 0.69 0.00	17.54 0.50 0.00	22.03 0.63 0.00	18.55 0.60 0.00	18.49 0.58 0.00	17.78 0.57 0.00	21.49 0.76 0.00	25.89 0.99 0.00	24.54 0.95 0.00	24.91 0.92 0.00	26.29 1.03 0.00	26.22 1.03 0.00	25.77 1.06 0.00	26.59 1.13 0.00	25.67 1.24 0.00	26.35 1.53 0.00	28.39 1.72 0.00	33.60 2.12 0.00	40.28 2.35 0.00	40.57 2.29 0.09	33.23 1.84 0.02	27.90 1.50 0.00	28.20 1.29 0.00	26.40 1.04 0.00
DANSKAMMER___DIESEL 23592	23.11 0.69 0.00	17.54 0.50 0.00	22.03 0.63 0.00	18.55 0.60 0.00	18.49 0.59 0.00	17.78 0.57 0.00	21.49 0.76 0.00	25.89 0.99 0.00	24.54 0.95 0.00	24.91 0.92 0.00	26.29 1.03 0.00	26.22 1.03 0.00	25.77 1.06 0.00	26.59 1.13 0.00	25.67 1.24 0.00	26.35 1.53 0.00	28.40 1.72 0.00	33.60 2.12 0.00	40.28 2.35 0.00	40.57 2.29 0.09	33.24 1.85 0.02	27.89 1.50 0.00	28.20 1.29 0.00	26.39 1.03 0.00
DARBY___SOLAR 323810	23.49 1.07 0.00	17.81 0.77 0.00	22.47 1.07 0.00	18.89 0.94 0.00	18.85 0.95 0.00	18.14 0.93 0.00	21.88 1.14 0.00	26.26 1.37 0.00	24.76 1.17 0.00	25.00 1.01 0.00	26.13 0.87 0.00	25.92 0.72 0.00	25.34 0.64 0.00	26.07 0.62 0.00	25.10 0.66 0.00	25.70 0.89 0.00	27.85 1.18 0.00	33.04 1.56 0.00	40.18 2.25 0.00	40.82 2.45 0.00	33.53 2.12 0.00	28.13 1.73 0.00	28.55 1.64 0.00	26.73 1.38 0.00
DASHVILLE___HYD 23610	22.76 0.35 0.00	17.25 0.22 0.00	21.68 0.27 0.00	18.25 0.30 0.00	18.19 0.28 0.00	17.49 0.28 0.00	21.16 0.42 0.00	25.49 0.60 0.00	24.20 0.62 0.00	24.61 0.61 0.00	25.98 0.72 0.00	25.94 0.75 0.00	25.50 0.80 0.00	26.32 0.86 0.00	25.42 0.99 0.00	26.09 1.27 0.00	28.08 1.40 0.00	33.17 1.69 0.00	39.69 1.75 0.00	39.91 1.63 0.09	32.69 1.30 0.02	27.46 1.06 0.00	27.78 0.87 0.00	26.00 0.65 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.60 1.19 0.00	17.87 0.83 0.00	22.43 1.03 0.00	18.95 1.00 0.00	18.90 1.00 0.00	18.26 1.05 0.00	24.07 1.50 -1.83	29.72 1.85 -2.97	25.24 1.66 0.00	25.51 1.52 0.00	26.83 1.57 0.00	26.65 1.45 0.00	26.42 1.72 0.00	27.39 1.94 0.00	26.47 2.04 0.00	27.11 2.30 0.00	29.12 2.45 0.00	34.15 2.67 0.00	40.47 2.54 0.00	40.82 2.55 0.09	33.68 2.29 0.02	28.20 1.81 0.00	28.73 1.82 0.00	26.72 1.36 0.00
DELAWARE___LFGE 323621	22.80 0.28 -0.10	17.23 0.19 0.00	22.07 0.27 -0.40	18.47 0.25 -0.26	18.49 0.25 -0.33	17.69 0.26 -0.22	21.16 0.35 -0.08	25.45 0.43 -0.12	24.40 0.39 -0.42	24.37 0.37 0.00	25.70 0.44 0.00	25.66 0.47 0.00	25.20 0.50 0.00	26.00 0.54 0.00	25.00 0.56 0.00	25.54 0.73 0.00	27.49 0.82 0.00	32.47 0.99 0.00	39.02 1.09 0.00	39.07 1.02 0.32	32.11 0.76 0.05	26.98 0.58 0.00	27.34 0.43 0.00	25.70 0.34 0.00
DERFIELD_115KV_TB7 355931	22.40 -0.01 0.00	17.04 0.00 0.00	21.42 0.02 0.00	17.99 0.04 0.00	17.94 0.04 0.00	17.25 0.04 0.00	20.77 0.03 0.00	24.92 0.03 0.00	23.59 0.01 0.00	23.99 0.00 0.00	25.25 -0.02 0.00	25.18 -0.02 0.00	24.67 -0.03 0.00	25.43 -0.02 0.00	24.44 0.00 0.00	24.85 0.04 0.00	26.74 0.07 0.00	31.58 0.09 0.00	38.06 0.13 0.00	38.53 0.16 0.00	31.51 0.10 0.00	26.47 0.08 0.00	26.94 0.03 0.00	25.38 0.03 0.00
DOGLEVILLE___HYD 23807	22.21 -0.21 0.00	16.99 -0.05 0.00	21.45 0.05 0.00	18.14 0.18 0.00	18.10 0.19 0.00	17.44 0.23 0.00	20.93 0.19 0.00	24.98 0.09 0.00	23.19 -0.40 0.00	23.15 -0.84 0.00	24.27 -0.99 0.00	24.08 -1.11 0.00	23.62 -1.08 0.00	24.29 -1.17 0.00	23.56 -0.88 0.00	24.09 -0.72 0.00	26.26 -0.41 0.00	31.20 -0.28 0.00	38.21 0.27 0.00	39.35 0.98 0.00	32.29 0.88 0.00	27.13 0.73 0.00	27.33 0.42 0.00	25.48 0.12 0.00
DUNKIRK___115KV_TB_200 55889	20.12 -1.73 0.56	15.76 -1.28 0.00	17.49 -1.81 2.11	14.92 -1.63 1.40	14.53 -1.62 1.76	14.52 -1.51 1.18	18.62 -1.72 0.40	22.52 -1.82 0.55	19.97 -1.68 1.94	22.75 -1.24 0.00	24.49 -0.77 0.00	24.99 -0.20 0.00	24.60 -0.10 0.00	24.42 0.17 1.20	24.13 -0.31 0.00	24.88 0.07 0.00	26.56 -0.12 0.00	31.33 -0.16 0.00	37.41 -0.52 0.00	34.02 -1.27 3.08	29.31 -1.58 0.53	24.87 -1.53 0.00	20.79 -2.06 4.06	12.36 -2.01 10.98
DUNKIRK___1 23563	20.12 -1.73 0.56	15.76 -1.28 0.00	17.49 -1.81 2.11	14.92 -1.63 1.40	14.53 -1.62 1.76	14.52 -1.51 1.18	18.62 -1.72 0.40	22.52 -1.82 0.55	19.97 -1.68 1.94	22.75 -1.24 0.00	24.49 -0.77 0.00	24.99 -0.20 0.00	24.60 -0.10 0.00	24.42 0.17 1.20	24.13 -0.31 0.00	24.88 0.07 0.00	26.56 -0.12 0.00	31.33 -0.16 0.00	37.41 -0.52 0.00	34.02 -1.27 3.08	29.31 -1.58 0.53	24.87 -1.53 0.00	20.79 -2.06 4.06	12.36 -2.01 10.98
DUNKIRK___2 23564	20.12 -1.73 0.56	15.76 -1.28 0.00	17.49 -1.81 2.11	14.92 -1.63 1.40	14.53 -1.62 1.76	14.52 -1.51 1.18	18.62 -1.72 0.40	22.52 -1.82 0.55	19.97 -1.68 1.94	22.75 -1.24 0.00	24.49 -0.77 0.00	24.99 -0.20 0.00	24.60 -0.10 0.00	24.42 0.17 1.20	24.13 -0.31 0.00	24.88 0.07 0.00	26.56 -0.12 0.00	31.33 -0.16 0.00	37.41 -0.52 0.00	34.02 -1.27 3.08	29.31 -1.58 0.53	24.87 -1.53 0.00	20.79 -2.06 4.06	12.36 -2.01 10.98
DUNKIRK___3 23565	20.18 -1.69 0.54	15.78 -1.25 0.00	17.59 -1.75 2.06	15.01 -1.57 1.36	14.63 -1.56 1.72	14.61 -1.46 1.15	18.68 -1.67 0.39	22.57 -1.79 0.54	20.05 -1.64 1.89	22.71 -1.29 0.00	24.39 -0.87 0.00	24.85 -0.34 0.00	24.44 -0.26 0.00	24.07 0.03 1.41	23.96 -0.47 0.00	24.71 -0.10 0.00	26.36 -0.31 0.00	31.10 -0.38 0.00	37.15 -0.78 0.00	33.73 -1.53 3.11	29.18 -1.70 0.53	24.83 -1.57 0.00	20.92 -2.02 3.97	12.68 -1.93 10.74
DUNKIRK___4 23566	20.18 -1.69 0.54	15.78 -1.25 0.00	17.59 -1.75 2.06	15.01 -1.57 1.36	14.63 -1.56 1.72	14.61 -1.46 1.15	18.68 -1.67 0.39	22.57 -1.79 0.54	20.05 -1.64 1.89	22.71 -1.29 0.00	24.39 -0.87 0.00	24.85 -0.34 0.00	24.44 -0.26 0.00	24.07 0.03 1.41	23.96 -0.47 0.00	24.71 -0.10 0.00	26.36 -0.31 0.00	31.10 -0.38 0.00	37.15 -0.78 0.00	33.73 -1.53 3.11	29.18 -1.70 0.53	24.83 -1.57 0.00	20.92 -2.02 3.97	12.68 -1.93 10.74
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.07 0.66 0.00	17.51 0.47 0.00	21.98 0.57 0.00	18.52 0.57 0.00	18.46 0.55 0.00	17.74 0.53 0.00	21.46 0.72 0.00	25.85 0.96 0.00	24.54 0.95 0.00	24.93 0.94 0.00	26.35 1.09 0.00	26.29 1.10 0.00	25.86 1.16 0.00	26.69 1.23 0.00	25.80 1.36 0.00	26.46 1.65 0.00	28.46 1.79 0.00	33.63 2.15 0.00	40.20 2.27 0.00	40.44 2.16 0.09	33.14 1.75 0.02	27.84 1.45 0.00	28.17 1.26 0.00	26.37 1.01 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.92 0.51 0.00	17.40 0.37 0.00	21.86 0.46 0.00	18.41 0.46 0.00	18.35 0.44 0.00	17.64 0.43 0.00	21.32 0.58 0.00	25.68 0.78 0.00	24.34 0.76 0.00	24.72 0.72 0.00	26.09 0.82 0.00	26.03 0.83 0.00	25.57 0.87 0.00	26.39 0.94 0.00	25.49 1.06 0.00	26.15 1.34 0.00	28.17 1.49 0.00	33.32 1.84 0.00	39.94 2.01 0.00	40.22 1.94 0.09	32.95 1.55 0.02	27.66 1.27 0.00	27.99 1.08 0.00	26.21 0.85 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.10 0.69 0.00	17.52 0.48 0.00	22.02 0.61 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.76 0.55 0.00	21.47 0.73 0.00	25.86 0.97 0.00	24.60 1.01 0.00	24.97 0.98 0.00	26.42 1.16 0.00	26.35 1.15 0.00	25.90 1.20 0.00	26.75 1.29 0.00	25.87 1.43 -0.01	26.53 1.72 0.00	28.54 1.87 0.00	33.72 2.24 0.00	40.24 2.31 0.00	40.51 2.23 0.09	33.24 1.85 0.02	27.90 1.50 0.00	28.22 1.31 0.00	26.43 1.07 0.00
E179THST_13_KV_LOAD 356214	23.20 0.79 0.00	17.59 0.56 0.00	22.10 0.70 0.00	18.61 0.65 0.00	18.55 0.64 0.00	17.83 0.62 0.00	21.56 0.82 0.00	25.98 1.08 0.00	24.71 1.12 0.00	25.09 1.10 0.00	26.55 1.28 0.00	26.48 1.28 0.00	26.03 1.33 0.00	26.89 1.43 0.00	25.99 1.56 -0.01	26.67 1.85 0.00	28.69 2.02 0.00	33.90 2.42 0.00	40.44 2.51 0.00	40.71 2.43 0.09	33.40 2.01 0.02	28.03 1.64 0.00	28.35 1.44 0.00	26.54 1.18 0.00
EAST HAMPTON___GT 23717	23.73 1.32 0.00	17.97 0.94 0.00	22.56 1.16 0.00	19.09 1.14 0.00	19.04 1.13 0.00	18.42 1.21 0.00	24.26 1.69 -1.83	29.90 2.04 -2.97	25.41 1.82 0.00	25.69 1.70 0.00	26.96 1.70 0.00	26.74 1.55 0.00	26.59 1.89 0.00	27.54 2.08 0.00	26.58 2.15 0.00	27.21 2.40 0.00	29.22 2.55 0.00	34.17 2.69 0.00	40.44 2.51 0.00	40.81 2.54 0.09	33.65 2.26 0.02	28.18 1.79 0.00	28.71 1.80 0.00	26.68 1.32 0.00
EAST RIVER___6 23660	23.16 0.75 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.57 0.62 0.00	18.51 0.61 0.00	17.79 0.58 0.00	21.51 0.77 0.00	25.92 1.03 0.00	24.61 1.03 0.00	25.03 1.03 0.00	26.46 1.20 0.00	26.42 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.96 1.53 0.00	26.65 1.84 0.00	28.66 1.99 0.00	33.87 2.39 0.00	40.39 2.47 0.00	40.62 2.34 0.09	33.28 1.89 0.02	27.97 1.58 0.00	28.28 1.37 0.00	26.48 1.13 0.00
EAST RIVER___7 23524	23.16 0.75 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.57 0.62 0.00	18.51 0.61 0.00	17.79 0.58 0.00	21.51 0.77 0.00	25.92 1.03 0.00	24.61 1.03 0.00	25.03 1.03 0.00	26.46 1.20 0.00	26.42 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.96 1.53 0.00	26.65 1.84 0.00	28.66 1.99 0.00	33.87 2.39 0.00	40.39 2.47 0.00	40.62 2.34 0.09	33.28 1.89 0.02	27.97 1.58 0.00	28.28 1.37 0.00	26.48 1.13 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.03 0.61 0.00	17.47 0.44 0.00	21.95 0.54 0.00	18.49 0.54 0.00	18.43 0.53 0.00	17.71 0.50 0.00	21.42 0.68 0.00	25.81 0.91 0.00	24.49 0.91 0.00	24.88 0.89 0.00	26.30 1.03 0.00	26.23 1.04 0.00	25.80 1.10 0.00	26.63 1.17 0.00	25.74 1.30 0.00	26.40 1.59 0.00	28.40 1.73 0.00	33.57 2.09 0.00	40.14 2.21 0.00	40.37 2.10 0.09	33.09 1.70 0.02	27.80 1.40 0.00	28.12 1.21 0.00	26.33 0.97 0.00
EAST_HAMPTON___DIESEL 23722	23.73 1.32 0.00	17.96 0.93 0.00	22.56 1.16 0.00	19.09 1.14 0.00	19.03 1.13 0.00	18.42 1.20 0.00	24.26 1.69 -1.83	29.90 2.03 -2.97	25.39 1.81 0.00	25.68 1.69 0.00	26.95 1.69 0.00	26.72 1.53 0.00	26.58 1.88 0.00	27.52 2.06 0.00	26.55 2.12 0.00	27.18 2.37 0.00	29.19 2.51 0.00	34.12 2.64 0.00	40.36 2.43 0.00	40.74 2.47 0.09	33.60 2.20 0.02	28.14 1.74 0.00	28.68 1.76 0.00	26.64 1.29 0.00
EAST_POINT___SOLAR 323840	23.66 1.25 0.00	17.90 0.87 0.00	22.45 1.05 0.00	18.81 0.86 0.00	18.77 0.87 0.00	18.10 0.89 0.00	21.98 1.24 0.00	25.99 1.10 0.00	23.76 0.17 0.00	23.78 -0.21 0.00	25.17 -0.09 0.00	25.12 -0.08 0.00	24.79 0.09 0.00	25.91 0.45 0.00	25.24 0.81 0.00	25.90 1.09 0.00	27.87 1.20 0.00	33.04 1.56 0.00	40.42 2.50 0.00	41.13 2.87 0.11	33.70 2.31 0.02	28.29 1.89 0.00	28.62 1.71 0.00	26.86 1.50 0.00
EAST_PULASKI___ESR 323781	22.07 -0.34 0.00	16.78 -0.26 0.00	21.08 -0.33 0.00	17.68 -0.27 0.00	17.64 -0.26 0.00	16.93 -0.28 0.00	20.46 -0.27 0.00	24.46 -0.43 0.00	23.15 -0.43 0.00	23.57 -0.42 0.00	24.79 -0.48 0.00	24.75 -0.44 0.00	24.25 -0.45 0.00	25.02 -0.44 0.00	23.98 -0.45 0.00	24.35 -0.46 0.00	26.22 -0.45 0.00	31.13 -0.35 0.00	37.78 -0.15 0.00	38.36 -0.01 0.00	31.22 -0.19 0.00	26.12 -0.27 0.00	26.54 -0.37 0.00	25.10 -0.26 0.00
EAST_RIVER___1 323558	23.12 0.71 0.00	17.54 0.50 0.00	22.01 0.61 0.00	18.54 0.59 0.00	18.49 0.59 0.00	17.76 0.54 0.00	21.48 0.74 0.00	25.89 1.00 0.00	24.59 1.00 0.00	25.00 1.00 0.00	26.42 1.16 0.00	26.37 1.18 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.91 1.48 0.00	26.59 1.78 0.00	28.60 1.93 0.00	33.80 2.32 0.00	40.34 2.41 0.00	40.55 2.27 0.09	33.23 1.84 0.02	27.93 1.53 0.00	28.24 1.33 0.00	26.43 1.08 0.00
EAST_RIVER___2 323559	23.16 0.75 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.57 0.62 0.00	18.51 0.61 0.00	17.79 0.58 0.00	21.51 0.77 0.00	25.92 1.03 0.00	24.61 1.03 0.00	25.03 1.03 0.00	26.46 1.20 0.00	26.42 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.96 1.53 0.00	26.65 1.84 0.00	28.66 1.99 0.00	33.87 2.39 0.00	40.39 2.47 0.00	40.62 2.34 0.09	33.28 1.89 0.02	27.97 1.58 0.00	28.28 1.37 0.00	26.48 1.13 0.00
EAST___DELAWARE_HYD 23607	22.32 -0.09 0.00	16.93 -0.11 0.00	21.25 -0.16 0.00	17.90 -0.06 0.00	17.83 -0.07 0.00	17.17 -0.05 0.00	20.76 0.02 0.00	25.01 0.12 0.00	23.68 0.10 0.00	24.00 0.01 0.00	25.29 0.02 0.00	25.20 0.00 0.00	24.76 0.06 0.00	25.54 0.09 0.00	24.68 0.24 0.00	25.31 0.50 0.00	27.30 0.63 0.00	32.36 0.87 0.00	38.85 0.92 0.00	39.16 0.89 0.10	32.09 0.70 0.02	26.92 0.53 0.00	27.22 0.31 0.00	25.49 0.13 0.00
EIGHT_POINT___WT_PWR 323820	19.29 -1.55 1.57	15.82 -1.22 0.00	13.76 -1.69 5.96	12.39 -1.62 3.95	11.14 -1.80 4.96	12.28 -1.61 3.32	17.73 -1.89 1.12	21.26 -2.14 1.49	16.85 -1.49 5.25	23.23 -0.76 0.00	24.41 -0.86 0.00	25.04 -0.15 0.00	24.85 0.15 0.00	25.07 0.30 0.69	24.36 -0.07 0.00	25.02 0.20 0.00	26.69 0.02 0.00	31.60 0.12 0.00	38.22 0.29 0.00	36.94 0.28 1.70	30.17 -0.95 0.29	24.42 -1.98 0.00	12.79 -2.72 11.40	-8.21 -2.75 30.82
ELBRIDGE_115KV_TB2 80188	22.12 -0.30 0.00	16.84 -0.20 0.00	21.11 -0.29 0.00	17.71 -0.24 0.00	17.69 -0.21 0.00	17.00 -0.21 0.00	20.50 -0.24 0.00	24.57 -0.33 0.00	23.25 -0.33 0.00	23.67 -0.33 0.00	24.94 -0.32 0.00	24.94 -0.25 0.00	24.47 -0.23 0.00	25.22 -0.23 0.00	24.22 -0.21 0.00	24.73 -0.08 0.00	26.63 -0.04 0.00	31.43 -0.05 0.00	37.86 -0.07 0.00	38.23 -0.14 0.00	31.19 -0.22 0.00	26.15 -0.25 0.00	26.47 -0.44 0.00	25.02 -0.34 0.00
ELEC_TRO_TEK 24086	23.22 0.81 0.00	17.61 0.57 0.00	22.08 0.68 0.00	18.63 0.68 0.00	18.57 0.66 0.00	17.88 0.67 0.00	23.54 0.97 -1.83	29.14 1.27 -2.97	24.78 1.19 0.00	25.12 1.13 0.00	26.57 1.31 0.00	26.49 1.30 0.00	26.08 1.39 0.00	26.96 1.50 0.00	26.06 1.62 0.00	26.64 1.83 0.00	28.61 1.94 0.00	33.74 2.26 0.00	40.23 2.30 0.00	40.47 2.19 0.09	33.25 1.86 0.02	27.97 1.58 0.00	28.40 1.49 0.00	26.56 1.20 0.00

ELLENBURG_WT_PWR 323604	22.86 0.45 0.00	17.17 0.14 0.00	21.46 0.05 0.00	17.98 0.03 0.00	17.88 -0.03 0.00	17.18 -0.03 0.00	20.60 -0.14 0.00	24.84 -0.05 0.00	23.67 0.08 0.00	24.18 0.19 0.00	25.46 0.19 0.00	25.39 0.20 0.00	24.94 0.24 0.00	25.70 0.24 0.00	24.58 0.15 0.00	24.90 0.09 0.00	26.64 -0.03 0.00	31.04 -0.44 0.00	37.50 -0.43 0.00	38.11 -0.25 0.00	31.03 -0.38 0.00	25.79 -0.61 0.00	26.48 -0.43 0.00	25.06 -0.30 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.26 -1.65 0.50	15.79 -1.25 0.00	17.76 -1.73 1.91	15.11 -1.58 1.26	14.77 -1.55 1.59	14.71 -1.44 1.06	18.71 -1.67 0.36	22.51 -1.88 0.50	20.16 -1.67 1.76	22.58 -1.41 0.00	24.17 -1.09 0.00	24.57 -0.63 0.00	24.10 -0.59 0.00	23.49 -0.28 1.68	23.52 -0.91 0.00	24.21 -0.60 0.00	25.80 -0.87 0.00	30.42 -1.06 0.00	36.48 -1.46 0.00	32.66 -2.35 3.35	28.61 -2.23 0.57	24.55 -1.85 0.00	21.13 -2.11 3.67	13.52 -1.92 9.92
EMPIRE_CC_1 323656	22.73 0.31 0.00	17.33 0.29 0.00	21.88 0.48 0.00	18.40 0.45 0.00	18.36 0.45 0.00	17.63 0.42 0.00	21.15 0.41 0.00	25.38 0.49 0.00	24.04 0.46 0.00	24.40 0.40 0.00	25.62 0.36 0.00	25.46 0.26 0.00	24.89 0.19 0.00	25.55 0.10 0.00	24.58 0.15 0.00	25.05 0.23 0.00	27.05 0.38 0.00	31.89 0.41 0.00	38.50 0.57 0.00	39.07 0.78 0.08	32.11 0.72 0.01	26.99 0.60 0.00	27.52 0.61 0.00	25.86 0.50 0.00
EMPIRE_CC_2 323658	22.73 0.31 0.00	17.33 0.29 0.00	21.88 0.48 0.00	18.40 0.45 0.00	18.36 0.45 0.00	17.63 0.42 0.00	21.15 0.41 0.00	25.38 0.49 0.00	24.04 0.46 0.00	24.40 0.40 0.00	25.62 0.36 0.00	25.46 0.26 0.00	24.89 0.19 0.00	25.55 0.10 0.00	24.58 0.15 0.00	25.05 0.23 0.00	27.05 0.38 0.00	31.89 0.41 0.00	38.50 0.57 0.00	39.07 0.78 0.08	32.11 0.72 0.01	26.99 0.60 0.00	27.52 0.61 0.00	25.86 0.50 0.00
ENORWICH_115KV_TB1 80156	24.35 0.91 -1.03	17.55 0.51 0.00	26.02 0.73 -3.89	21.12 0.59 -2.58	21.77 0.62 -3.24	20.19 0.81 -2.17	22.65 1.18 -0.73	27.31 1.48 -0.94	28.04 1.14 -3.32	24.93 0.93 0.00	26.15 0.89 0.00	26.10 0.90 0.00	25.58 0.88 0.00	26.37 0.91 0.00	25.25 0.82 0.00	25.85 1.04 0.00	28.01 1.34 0.00	33.36 1.88 0.00	40.66 2.73 0.00	40.55 2.71 0.53	33.08 1.77 0.09	27.44 1.05 0.00	34.87 0.64 -7.32	45.72 0.58 -19.78
ERIE_ST_34_KV_TB1-2 80199	20.46 -1.43 0.53	15.94 -1.10 0.00	17.87 -1.52 2.01	15.24 -1.38 1.33	14.87 -1.36 1.67	14.84 -1.25 1.12	18.93 -1.43 0.38	22.80 -1.57 0.52	20.36 -1.38 1.85	22.84 -1.15 0.00	24.43 -0.84 0.00	24.81 -0.39 0.00	24.35 -0.35 0.00	25.55 0.00 -0.10	24.09 -0.58 -0.23	24.58 -0.24 0.00	26.23 -0.45 0.00	30.97 -0.51 0.00	37.11 -0.82 0.00	33.64 -1.63 3.09	29.21 -1.67 0.53	24.97 -1.42 0.00	21.31 -1.72 3.87	13.32 -1.57 10.47
ERIE_WT_PWR 323693	20.34 -1.55 0.52	15.86 -1.17 0.00	17.77 -1.64 1.99	15.13 -1.50 1.32	14.77 -1.47 1.66	14.74 -1.37 1.11	18.79 -1.57 0.37	22.63 -1.75 0.52	20.19 -1.57 1.83	22.70 -1.30 0.00	24.30 -0.96 0.00	24.71 -0.48 0.00	24.25 -0.45 0.00	25.18 -0.11 0.17	23.69 -0.74 0.00	24.39 -0.42 0.00	26.02 -0.66 0.00	30.68 -0.80 0.00	36.76 -1.16 0.00	33.18 -2.04 3.15	28.88 -1.99 0.54	24.71 -1.68 0.00	21.09 -1.99 3.82	13.17 -1.85 10.33
ESPRGFLD_115KV_TB1 80157	23.23 0.82 0.00	17.55 0.51 0.00	21.98 0.58 0.00	18.41 0.46 0.00	18.37 0.46 0.00	17.70 0.49 0.00	21.50 0.76 0.00	25.82 0.92 0.00	24.30 0.72 0.00	24.66 0.66 0.00	26.03 0.77 0.00	26.04 0.84 0.00	25.59 0.89 0.00	26.51 1.06 0.00	25.46 1.03 0.00	25.96 1.14 0.00	27.88 1.21 0.00	32.98 1.50 0.00	39.85 1.92 0.00	40.05 1.85 0.17	32.72 1.35 0.03	27.46 1.06 0.00	27.80 0.89 0.00	26.15 0.79 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.94 0.12 -2.40	17.11 0.07 0.00	30.59 0.07 -9.11	24.04 0.05 -6.03	25.56 0.06 -7.59	22.41 0.12 -5.08	22.68 0.22 -1.72	27.34 0.32 -2.13	31.29 0.19 -7.51	24.09 0.09 0.00	25.34 0.08 0.00	25.32 0.13 0.00	24.85 0.14 0.00	25.63 0.18 0.00	24.57 0.14 0.00	25.14 0.33 0.00	27.12 0.45 0.00	32.13 0.65 0.00	38.88 0.95 0.00	38.78 0.96 0.55	31.94 0.63 0.09	26.76 0.37 0.00	44.28 0.11 -17.26	72.10 0.07 -46.67
ETNA____115KV_TB2 80207	24.94 0.12 -2.40	17.11 0.07 0.00	30.59 0.07 -9.11	24.04 0.05 -6.03	25.56 0.06 -7.59	22.41 0.12 -5.08	22.68 0.22 -1.72	27.34 0.32 -2.13	31.29 0.19 -7.51	24.09 0.09 0.00	25.34 0.08 0.00	25.32 0.13 0.00	24.85 0.14 0.00	25.63 0.18 0.00	24.57 0.14 0.00	25.14 0.33 0.00	27.12 0.45 0.00	32.13 0.65 0.00	38.88 0.95 0.00	38.78 0.96 0.55	31.94 0.63 0.09	26.76 0.37 0.00	44.28 0.11 -17.26	72.10 0.07 -46.67
EUCLID____115KV_TB2 356179	22.04 -0.38 0.00	16.76 -0.28 0.00	21.03 -0.37 0.00	17.63 -0.32 0.00	17.59 -0.31 0.00	16.93 -0.29 0.00	20.40 -0.34 0.00	24.42 -0.48 0.00	23.14 -0.45 0.00	23.55 -0.44 0.00	24.81 -0.45 0.00	24.79 -0.40 0.00	24.31 -0.39 0.00	25.08 -0.37 0.00	24.06 -0.37 0.00	24.53 -0.28 0.00	26.41 -0.26 0.00	31.30 -0.18 0.00	37.71 -0.22 0.00	38.10 -0.34 -0.07	31.05 -0.37 -0.01	26.02 -0.38 0.00	26.40 -0.51 0.00	24.98 -0.38 0.00
E_CANADA_CAP_HY 24051	23.59 1.18 0.00	17.84 0.80 0.00	22.34 0.94 0.00	18.70 0.74 0.00	18.66 0.75 0.00	17.97 0.76 0.00	21.82 1.08 0.00	26.10 1.20 0.00	24.38 0.80 0.00	24.62 0.63 0.00	25.94 0.68 0.00	25.89 0.70 0.00	25.44 0.74 0.00	26.38 0.92 0.00	25.38 0.95 0.00	25.83 1.02 0.00	27.75 1.08 0.00	32.90 1.42 0.00	40.02 2.09 0.00	40.48 2.23 0.12	33.13 1.75 0.02	27.89 1.50 0.00	28.28 1.37 0.00	26.61 1.26 0.00
E_CANADA_MHWK_HY 24050	22.21 -0.21 0.00	16.99 -0.05 0.00	21.45 0.05 0.00	18.14 0.18 0.00	18.10 0.19 0.00	17.44 0.23 0.00	20.93 0.19 0.00	24.98 0.09 0.00	23.19 -0.40 0.00	23.15 -0.84 0.00	24.27 -0.99 0.00	24.08 -1.11 0.00	23.62 -1.08 0.00	24.29 -1.17 0.00	23.56 -0.88 0.00	24.09 -0.72 0.00	26.26 -0.41 0.00	31.20 -0.28 0.00	38.21 0.27 0.00	39.35 0.98 0.00	32.29 0.88 0.00	27.13 0.73 0.00	27.33 0.42 0.00	25.48 0.12 0.00
E_FISHKILL____LBMP 23776	22.91 0.50 0.00	17.40 0.36 0.00	21.87 0.47 0.00	18.42 0.47 0.00	18.36 0.46 0.00	17.65 0.44 0.00	21.31 0.57 0.00	25.65 0.75 0.00	24.33 0.74 0.00	24.71 0.72 0.00	26.07 0.81 0.00	25.99 0.80 0.00	25.54 0.84 0.00	26.33 0.88 0.00	25.41 0.98 0.00	26.05 1.23 0.00	28.04 1.36 0.00	33.14 1.66 0.00	39.72 1.79 0.00	40.04 1.76 0.09	32.82 1.43 0.02	27.57 1.17 0.00	27.92 1.01 0.00	26.16 0.80 0.00
FALCON____SEABRD_CC1 323796	23.39 0.98 0.00	17.58 0.54 0.00	22.05 0.65 0.00	18.51 0.55 0.00	18.39 0.49 0.00	17.65 0.44 0.00	21.15 0.41 0.00	25.33 0.43 0.00	24.02 0.43 0.00	24.45 0.46 0.00	25.75 0.49 0.00	25.66 0.46 0.00	25.22 0.52 0.00	25.97 0.51 0.00	24.87 0.43 0.00	25.33 0.51 0.00	27.09 0.42 0.00	31.28 -0.20 0.00	37.64 -0.29 0.00	38.31 -0.06 0.00	31.25 -0.15 0.00	25.96 -0.43 0.00	26.70 -0.21 0.00	25.28 -0.08 0.00

FALCON___SEABRD_CC2 323797	23.39 0.98 0.00	17.58 0.54 0.00	22.05 0.65 0.00	18.51 0.55 0.00	18.39 0.49 0.00	17.65 0.44 0.00	21.15 0.41 0.00	25.33 0.43 0.00	24.02 0.43 0.00	24.45 0.46 0.00	25.75 0.49 0.00	25.66 0.46 0.00	25.22 0.52 0.00	25.97 0.51 0.00	24.87 0.43 0.00	25.33 0.51 0.00	27.09 0.42 0.00	31.28 -0.20 0.00	37.64 -0.29 0.00	38.31 -0.06 0.00	31.25 -0.15 0.00	25.96 -0.43 0.00	26.70 -0.21 0.00	25.28 -0.08 0.00
FAR ROCKAWAY___4 23548	23.47 1.06 0.00	17.80 0.77 0.00	22.31 0.91 0.00	18.81 0.86 0.00	18.74 0.84 0.00	18.05 0.84 0.00	23.75 1.18 -1.83	29.38 1.52 -2.97	25.02 1.44 0.00	25.37 1.38 0.00	26.89 1.62 0.00	26.82 1.63 0.00	26.42 1.71 0.00	27.30 1.85 0.00	26.40 1.96 0.00	27.00 2.19 0.00	29.02 2.35 0.00	34.25 2.76 0.00	40.83 2.90 0.00	41.06 2.78 0.09	33.71 2.32 0.02	28.37 1.98 0.00	28.77 1.86 0.00	26.88 1.52 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.12 0.70 0.00	17.54 0.50 0.00	22.01 0.61 0.00	18.54 0.59 0.00	18.49 0.59 0.00	17.76 0.54 0.00	21.49 0.75 0.00	25.89 1.00 0.00	24.59 1.01 0.00	25.00 1.01 0.00	26.43 1.17 0.00	26.38 1.18 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.91 1.48 0.00	26.59 1.79 0.00	28.61 1.94 0.00	33.80 2.32 0.00	40.35 2.42 0.00	40.55 2.28 0.09	33.24 1.85 0.02	27.92 1.52 0.00	28.24 1.33 0.00	26.43 1.07 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.14 0.72 0.00	17.55 0.51 0.00	22.03 0.62 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.77 0.56 0.00	21.50 0.76 0.00	25.92 1.02 0.00	24.61 1.03 0.00	25.02 1.03 0.00	26.45 1.19 0.00	26.40 1.21 0.00	25.98 1.28 0.00	26.82 1.36 0.00	25.93 1.50 0.00	26.62 1.81 0.00	28.64 1.96 0.00	33.84 2.35 0.00	40.38 2.45 0.00	40.59 2.31 0.09	33.27 1.88 0.02	27.95 1.55 0.00	28.27 1.36 0.00	26.45 1.09 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.12 0.70 0.00	17.54 0.50 0.00	22.01 0.61 0.00	18.54 0.59 0.00	18.49 0.59 0.00	17.76 0.54 0.00	21.49 0.75 0.00	25.89 1.00 0.00	24.59 1.01 0.00	25.00 1.01 0.00	26.43 1.17 0.00	26.38 1.19 0.00	25.96 1.26 0.00	26.80 1.34 0.00	25.91 1.48 0.00	26.60 1.79 0.00	28.61 1.94 0.00	33.81 2.33 0.00	40.35 2.42 0.00	40.54 2.27 0.09	33.23 1.83 0.02	27.91 1.52 0.00	28.24 1.33 0.00	26.42 1.06 0.00
FARRAGUT___LBMP 323566	23.11 0.69 0.00	17.53 0.49 0.00	21.99 0.59 0.00	18.53 0.58 0.00	18.48 0.57 0.00	17.74 0.53 0.00	21.47 0.73 0.00	25.87 0.97 0.00	24.57 0.98 0.00	24.98 0.98 0.00	26.40 1.14 0.00	26.35 1.15 0.00	25.93 1.23 0.00	26.77 1.31 0.00	25.89 1.45 0.00	26.57 1.76 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.30 2.37 0.00	40.51 2.24 0.09	33.20 1.81 0.02	27.90 1.50 0.00	28.22 1.31 0.00	26.40 1.04 0.00
FENNER___WINDPWR 24204	23.02 0.16 -0.45	17.15 0.11 0.00	23.24 0.13 -1.71	19.20 0.12 -1.13	19.47 0.14 -1.42	18.33 0.17 -0.95	21.32 0.26 -0.32	25.59 0.29 -0.40	25.24 0.24 -1.41	24.19 0.19 0.00	25.46 0.20 0.00	25.40 0.20 0.00	24.91 0.20 0.00	25.72 0.26 0.00	24.66 0.22 0.00	25.14 0.32 0.00	27.10 0.43 0.00	32.10 0.62 0.00	38.84 0.91 0.00	39.16 0.93 0.14	32.00 0.61 0.02	26.78 0.38 0.00	30.33 0.22 -3.20	34.16 0.17 -8.64
FIBERTEK___ENERGY 23856	22.25 -0.16 0.00	16.92 -0.12 0.00	21.24 -0.16 0.00	17.81 -0.14 0.00	17.78 -0.12 0.00	17.10 -0.11 0.00	20.62 -0.11 0.00	24.71 -0.18 0.00	23.38 -0.20 0.00	23.79 -0.20 0.00	25.07 -0.19 0.00	25.06 -0.13 0.00	24.58 -0.12 0.00	25.36 -0.09 0.00	24.36 -0.07 0.00	24.85 0.04 0.00	26.78 0.11 0.00	31.68 0.20 0.00	38.17 0.24 0.00	38.51 0.14 0.00	31.40 -0.01 0.00	26.32 -0.08 0.00	26.66 -0.25 0.00	25.20 -0.16 0.00
FITZPATRICK____ 23598	21.86 -0.56 0.00	16.62 -0.42 0.00	20.86 -0.54 0.00	17.49 -0.46 0.00	17.46 -0.45 0.00	16.79 -0.43 0.00	20.20 -0.53 0.00	24.18 -0.71 0.00	22.92 -0.67 0.00	23.32 -0.67 0.00	24.55 -0.71 0.00	24.51 -0.68 0.00	24.02 -0.68 0.00	24.77 -0.68 0.00	23.77 -0.66 0.00	24.21 -0.60 0.00	26.05 -0.62 0.00	30.79 -0.69 0.00	37.10 -0.83 0.00	37.55 -0.92 -0.09	30.61 -0.81 -0.02	25.68 -0.71 0.00	26.09 -0.82 0.00	24.73 -0.63 0.00
FLOWRFLD_69_KV_BK1 356044	23.38 0.97 0.00	17.71 0.67 0.00	22.21 0.80 0.00	18.74 0.79 0.00	18.68 0.78 0.00	18.02 0.81 0.00	23.78 1.21 -1.83	29.42 1.56 -2.97	25.00 1.42 0.00	25.27 1.28 0.00	26.65 1.38 0.00	26.53 1.34 0.00	26.18 1.48 0.00	27.15 1.70 0.00	26.29 1.86 0.00	26.90 2.09 0.00	28.81 2.14 0.00	33.90 2.41 0.00	40.30 2.37 0.00	40.62 2.34 0.09	33.62 2.23 0.02	28.20 1.80 0.00	28.65 1.74 0.00	26.71 1.35 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.14 0.73 0.00	17.57 0.53 0.00	22.07 0.67 0.00	18.58 0.63 0.00	18.52 0.62 0.00	17.82 0.60 0.00	21.53 0.79 0.00	25.93 1.04 0.00	24.58 0.99 0.00	24.96 0.97 0.00	26.34 1.07 0.00	26.27 1.08 0.00	25.81 1.11 0.00	26.64 1.19 0.00	25.72 1.29 0.00	26.40 1.59 0.00	28.45 1.78 0.00	33.66 2.18 0.00	40.36 2.43 0.00	40.64 2.36 0.09	33.29 1.90 0.02	27.94 1.54 0.00	28.25 1.34 0.00	26.43 1.08 0.00
FORT ORANGE____ 23900	22.70 0.28 0.00	17.38 0.35 0.00	21.90 0.50 0.00	18.44 0.49 0.00	18.39 0.48 0.00	17.65 0.44 0.00	21.14 0.40 0.00	25.34 0.44 0.00	23.98 0.40 0.00	24.30 0.30 0.00	25.51 0.25 0.00	25.35 0.15 0.00	24.81 0.11 0.00	25.50 0.04 0.00	24.55 0.11 0.00	25.04 0.23 0.00	27.08 0.41 0.00	32.04 0.56 0.00	38.72 0.79 0.00	39.27 0.98 0.07	32.24 0.85 0.01	27.06 0.66 0.00	27.48 0.57 0.00	25.83 0.47 0.00
FORT_DRUM_COGEN 23780	22.18 -0.24 0.00	16.90 -0.14 0.00	21.23 -0.17 0.00	17.83 -0.12 0.00	17.79 -0.11 0.00	17.00 -0.21 0.00	20.71 -0.02 0.00	24.69 -0.21 0.00	23.28 -0.30 0.00	23.75 -0.24 0.00	24.92 -0.34 0.00	24.77 -0.43 0.00	24.24 -0.46 0.00	25.00 -0.46 0.00	23.88 -0.55 0.00	24.14 -0.67 0.00	26.04 -0.63 0.00	31.17 -0.31 0.00	38.47 0.54 0.00	39.67 1.30 0.00	31.93 0.52 0.00	26.46 0.06 0.00	26.98 0.07 0.00	25.47 0.11 0.00
FOX_HILLS___ESR 323835	24.42 0.75 -1.26	17.57 0.53 0.00	22.05 0.64 0.00	18.57 0.62 0.00	18.51 0.61 0.00	17.79 0.57 0.00	21.52 0.78 -0.01	25.92 1.02 -0.02	24.63 1.04 -0.01	26.72 1.02 -1.70	38.20 1.21 -11.72	26.42 1.22 -0.01	38.08 1.31 -12.07	39.44 1.39 -12.59	40.15 1.56 -14.16	46.67 1.86 -20.00	40.71 2.01 -12.03	40.02 2.36 -6.18	40.70 2.46 -0.31	40.61 2.34 0.09	40.86 1.90 -7.55	36.36 1.57 -8.40	30.48 1.41 -2.16	30.37 1.17 -3.84
FPL FAR_ROCK_GT1 24212	23.47 1.06 0.00	17.80 0.77 0.00	22.31 0.91 0.00	18.81 0.86 0.00	18.74 0.84 0.00	18.05 0.84 0.00	23.75 1.18 -1.83	29.38 1.52 -2.97	25.02 1.44 0.00	25.37 1.38 0.00	26.89 1.62 0.00	26.82 1.63 0.00	26.42 1.71 0.00	27.30 1.85 0.00	26.40 1.96 0.00	27.00 2.19 0.00	29.02 2.35 0.00	34.24 2.76 0.00	40.83 2.90 0.00	41.06 2.79 0.09	33.71 2.32 0.02	28.38 1.98 0.00	28.77 1.87 0.00	26.89 1.53 0.00

FPL_FAR_ROCK_GT2 23815	23.47 1.06 0.00	17.80 0.77 0.00	22.31 0.91 0.00	18.81 0.86 0.00	18.74 0.84 0.00	18.05 0.84 0.00	23.75 1.18 -1.83	29.38 1.52 -2.97	25.02 1.44 0.00	25.37 1.38 0.00	26.89 1.62 0.00	26.82 1.63 0.00	26.42 1.71 0.00	27.30 1.85 0.00	26.40 1.96 0.00	27.00 2.19 0.00	29.02 2.35 0.00	34.24 2.76 0.00	40.83 2.90 0.00	41.06 2.79 0.09	33.71 2.32 0.02	28.38 1.98 0.00	28.77 1.87 0.00	26.89 1.53 0.00
FRANKLIN_FALL_HYD 24054	22.84 0.43 0.00	17.18 0.14 0.00	21.46 0.06 0.00	17.98 0.03 0.00	17.88 -0.02 0.00	17.17 -0.04 0.00	20.67 -0.06 0.00	24.96 0.06 0.00	23.72 0.13 0.00	24.20 0.21 0.00	25.46 0.19 0.00	25.38 0.18 0.00	24.90 0.20 0.00	25.67 0.21 0.00	24.50 0.07 0.00	24.79 -0.02 0.00	26.52 -0.15 0.00	30.97 -0.51 0.00	37.52 -0.41 0.00	38.22 -0.16 0.00	31.17 -0.24 0.00	25.95 -0.45 0.00	26.64 -0.27 0.00	25.15 -0.20 0.00
FREEPORT_EQUS_GT1 23764	23.35 0.93 0.00	17.70 0.66 0.00	22.19 0.78 0.00	18.71 0.76 0.00	18.65 0.74 0.00	17.97 0.76 0.00	23.68 1.10 -1.83	29.30 1.43 -2.97	24.92 1.33 0.00	25.25 1.25 0.00	26.70 1.44 0.00	26.62 1.42 0.00	26.21 1.51 0.00	27.09 1.63 0.00	26.18 1.75 0.00	26.77 1.96 0.00	28.66 1.99 0.00	33.81 2.33 0.00	40.31 2.38 0.00	40.55 2.28 0.09	33.36 1.97 0.02	28.14 1.75 0.00	28.60 1.69 0.00	26.73 1.37 0.00
FREEPORT___CT2 23818	23.35 0.93 0.00	17.70 0.66 0.00	22.19 0.78 0.00	18.71 0.76 0.00	18.65 0.74 0.00	17.97 0.76 0.00	23.68 1.10 -1.83	29.30 1.43 -2.97	24.92 1.33 0.00	25.25 1.25 0.00	26.70 1.44 0.00	26.62 1.42 0.00	26.21 1.51 0.00	27.09 1.63 0.00	26.18 1.75 0.00	26.77 1.96 0.00	28.66 1.99 0.00	33.81 2.33 0.00	40.31 2.38 0.00	40.55 2.28 0.09	33.36 1.97 0.02	28.14 1.75 0.00	28.60 1.69 0.00	26.73 1.37 0.00
FRESHKLS_33_KV_LOAD 356253	24.38 0.71 -1.26	17.54 0.50 0.00	22.01 0.61 0.00	18.55 0.59 0.00	18.48 0.58 0.00	17.76 0.55 0.00	21.48 0.74 -0.01	25.87 0.96 -0.02	24.57 0.98 -0.01	26.65 0.95 -1.70	38.12 1.13 -11.72	26.33 1.13 -0.01	37.99 1.21 -12.07	39.35 1.30 -12.59	40.08 1.49 -14.16	46.61 1.80 -20.00	40.65 1.95 -12.03	39.94 2.28 -6.18	40.60 2.36 -0.31	40.54 2.26 0.09	40.81 1.84 -7.55	36.33 1.54 -8.40	30.46 1.40 -2.16	30.35 1.15 -3.84
FULTON COGEN____ 23766	22.02 -0.40 0.00	16.74 -0.30 0.00	21.02 -0.39 0.00	17.63 -0.33 0.00	17.58 -0.32 0.00	16.92 -0.30 0.00	20.39 -0.35 0.00	24.40 -0.49 0.00	23.11 -0.47 0.00	23.49 -0.51 0.00	24.70 -0.56 0.00	24.68 -0.52 0.00	24.19 -0.51 0.00	24.95 -0.51 0.00	23.95 -0.49 0.00	24.41 -0.40 0.00	26.30 -0.38 0.00	31.16 -0.32 0.00	37.56 -0.37 0.00	37.94 -0.43 0.00	30.99 -0.42 0.00	25.98 -0.41 0.00	26.35 -0.56 0.00	24.95 -0.41 0.00
FULTON___LFGE 323630	23.59 1.17 0.00	17.87 0.83 0.00	22.41 1.01 0.00	18.79 0.83 0.00	18.75 0.85 0.00	18.06 0.85 0.00	21.91 1.17 0.00	26.15 1.25 0.00	24.26 0.67 0.00	24.35 0.36 0.00	25.59 0.32 0.00	25.39 0.20 0.00	24.88 0.18 0.00	25.77 0.32 0.00	24.84 0.40 0.00	25.33 0.52 0.00	27.31 0.64 0.00	32.60 1.12 0.00	40.08 2.15 0.00	40.84 2.57 0.10	33.48 2.09 0.02	28.11 1.72 0.00	28.46 1.55 0.00	26.72 1.36 0.00
G.F.CEMENT___DRP 24184	23.88 1.46 0.00	18.02 0.99 0.00	22.75 1.35 0.00	19.13 1.18 0.00	19.10 1.20 0.00	18.39 1.18 0.00	22.26 1.52 0.00	26.76 1.86 0.00	25.21 1.62 0.00	25.43 1.44 0.00	26.49 1.23 0.00	26.26 1.07 0.00	25.63 0.93 0.00	26.38 0.93 0.00	25.40 0.96 0.00	26.05 1.24 0.00	28.27 1.60 0.00	33.53 2.05 0.00	40.93 3.00 0.00	41.56 3.19 0.00	34.20 2.79 0.00	28.69 2.30 0.00	29.10 2.18 0.00	27.20 1.84 0.00
GARDENVILLE___LBMP 24039	20.27 -1.62 0.52	15.81 -1.23 0.00	17.72 -1.70 1.98	15.09 -1.55 1.31	14.73 -1.52 1.65	14.69 -1.42 1.10	18.73 -1.64 0.37	22.55 -1.83 0.51	20.14 -1.63 1.82	22.63 -1.36 0.00	24.24 -1.03 0.00	24.63 -0.56 0.00	24.18 -0.52 0.00	23.52 -0.20 1.74	23.62 -0.81 0.00	24.33 -0.49 0.00	25.93 -0.74 0.00	30.59 -0.89 0.00	36.65 -1.28 0.00	33.02 -2.14 3.21	28.77 -2.09 0.55	24.63 -1.77 0.00	21.06 -2.05 3.80	13.20 -1.88 10.28
GARDNVLA_35_KV_LD 355827	20.36 -1.53 0.52	15.87 -1.17 0.00	17.79 -1.63 1.99	15.14 -1.49 1.32	14.78 -1.46 1.66	14.74 -1.36 1.11	18.80 -1.57 0.37	22.64 -1.74 0.52	20.22 -1.54 1.83	22.73 -1.27 0.00	24.34 -0.92 0.00	24.74 -0.46 0.00	24.29 -0.41 0.00	25.47 -0.08 -0.09	23.95 -0.70 -0.22	24.44 -0.37 0.00	26.06 -0.61 0.00	30.73 -0.75 0.00	36.83 -1.10 0.00	33.26 -1.98 3.13	28.92 -1.95 0.53	24.75 -1.65 0.00	21.13 -1.95 3.83	13.22 -1.78 10.35
GELCKHM___115KV_LOAD 80723	22.12 -0.29 0.00	16.82 -0.22 0.00	21.11 -0.29 0.00	17.70 -0.25 0.00	17.67 -0.23 0.00	16.99 -0.22 0.00	20.48 -0.25 0.00	24.54 -0.36 0.00	23.23 -0.35 0.00	23.65 -0.34 0.00	24.91 -0.35 0.00	24.90 -0.30 0.00	24.42 -0.28 0.00	25.20 -0.26 0.00	24.18 -0.25 0.00	24.66 -0.15 0.00	26.56 -0.11 0.00	31.46 -0.03 0.00	37.88 -0.05 0.00	38.21 -0.16 0.00	31.18 -0.23 0.00	26.13 -0.26 0.00	26.50 -0.41 0.00	25.06 -0.30 0.00
GENERAL___MILLS 23808	20.33 -1.56 0.52	15.85 -1.18 0.00	17.76 -1.65 1.99	15.12 -1.51 1.32	14.76 -1.48 1.66	14.72 -1.38 1.11	18.78 -1.59 0.37	22.61 -1.77 0.52	20.19 -1.57 1.83	22.69 -1.30 0.00	24.29 -0.97 0.00	24.69 -0.51 0.00	24.24 -0.46 0.00	25.15 -0.13 0.17	23.68 -0.76 0.00	24.38 -0.43 0.00	25.99 -0.68 0.00	30.67 -0.82 0.00	36.74 -1.19 0.00	33.16 -2.06 3.15	28.85 -2.02 0.54	24.70 -1.70 0.00	21.10 -1.99 3.82	13.21 -1.82 10.33
GE_PLASTICS___DRP 24183	22.63 0.22 0.00	17.30 0.26 0.00	21.80 0.39 0.00	18.34 0.39 0.00	18.29 0.39 0.00	17.56 0.35 0.00	21.06 0.32 0.00	25.25 0.35 0.00	23.92 0.34 0.00	24.26 0.27 0.00	25.51 0.25 0.00	25.38 0.18 0.00	24.86 0.16 0.00	25.57 0.11 0.00	24.61 0.18 0.00	25.11 0.30 0.00	27.10 0.43 0.00	32.03 0.55 0.00	38.61 0.68 0.00	39.17 0.80 0.00	32.10 0.70 0.00	26.95 0.56 0.00	27.38 0.47 0.00	25.74 0.38 0.00
GILBOA___1 23756	22.63 0.22 0.00	17.23 0.19 0.00	21.74 0.34 0.00	18.28 0.33 0.00	18.23 0.32 0.00	17.50 0.29 0.00	21.03 0.30 0.00	25.26 0.37 0.00	23.92 0.34 0.00	24.30 0.31 0.00	25.60 0.34 0.00	25.52 0.32 0.00	25.03 0.33 0.00	25.78 0.33 0.00	24.82 0.39 0.00	25.35 0.54 0.00	27.31 0.64 0.00	32.21 0.73 0.00	38.66 0.73 0.00	39.02 0.77 0.11	32.08 0.70 0.02	26.98 0.59 0.00	27.39 0.47 0.00	25.73 0.37 0.00
GILBOA___2 23757	22.63 0.22 0.00	17.23 0.19 0.00	21.74 0.34 0.00	18.28 0.33 0.00	18.23 0.32 0.00	17.50 0.29 0.00	21.03 0.30 0.00	25.26 0.37 0.00	23.92 0.34 0.00	24.30 0.31 0.00	25.60 0.34 0.00	25.52 0.32 0.00	25.03 0.33 0.00	25.78 0.33 0.00	24.82 0.39 0.00	25.35 0.54 0.00	27.31 0.64 0.00	32.21 0.73 0.00	38.66 0.73 0.00	39.02 0.77 0.11	32.08 0.70 0.02	26.98 0.59 0.00	27.39 0.47 0.00	25.73 0.37 0.00

GILBOA___3 23758	22.63 0.22 0.00	17.23 0.19 0.00	21.74 0.34 0.00	18.28 0.33 0.00	18.23 0.32 0.00	17.50 0.29 0.00	21.03 0.30 0.00	25.26 0.37 0.00	23.92 0.34 0.00	24.30 0.31 0.00	25.60 0.34 0.00	25.52 0.32 0.00	25.03 0.33 0.00	25.78 0.33 0.00	24.82 0.39 0.00	25.35 0.54 0.00	27.31 0.64 0.00	32.21 0.73 0.00	38.66 0.73 0.00	39.02 0.77 0.11	32.08 0.70 0.02	26.98 0.59 0.00	27.39 0.47 0.00	25.73 0.37 0.00
GILBOA___4 23759	22.63 0.22 0.00	17.23 0.19 0.00	21.74 0.34 0.00	18.28 0.33 0.00	18.23 0.32 0.00	17.50 0.29 0.00	21.03 0.30 0.00	25.26 0.37 0.00	23.92 0.34 0.00	24.30 0.31 0.00	25.60 0.34 0.00	25.52 0.32 0.00	25.03 0.33 0.00	25.78 0.33 0.00	24.82 0.39 0.00	25.35 0.54 0.00	27.31 0.64 0.00	32.21 0.73 0.00	38.66 0.73 0.00	39.02 0.77 0.11	32.08 0.70 0.02	26.98 0.59 0.00	27.39 0.47 0.00	25.73 0.37 0.00
GILBOA___ 23599	22.63 0.22 0.00	17.23 0.19 0.00	21.74 0.34 0.00	18.28 0.33 0.00	18.23 0.32 0.00	17.50 0.29 0.00	21.04 0.30 0.00	25.26 0.37 0.00	23.92 0.34 0.00	24.31 0.32 0.00	25.60 0.34 0.00	25.52 0.32 0.00	25.03 0.33 0.00	25.78 0.33 0.00	24.82 0.39 0.00	25.35 0.54 0.00	27.31 0.64 0.00	32.21 0.73 0.00	38.66 0.73 0.00	39.03 0.77 0.11	32.08 0.70 0.02	26.99 0.59 0.00	27.38 0.47 0.00	25.72 0.36 0.00
GINNA___ 23603	20.51 -1.61 0.30	15.80 -1.24 0.00	18.61 -1.65 1.14	15.75 -1.45 0.76	15.53 -1.42 0.95	15.25 -1.33 0.64	18.98 -1.55 0.21	22.78 -1.82 0.29	20.84 -1.71 1.04	22.35 -1.64 0.00	23.69 -1.58 0.00	23.84 -1.35 0.00	23.39 -1.31 0.00	24.56 -1.55 -0.66	23.03 -1.40 0.00	23.55 -1.26 0.00	25.36 -1.31 0.00	30.07 -1.41 0.00	36.26 -1.67 0.00	36.64 -2.19 -0.46	29.51 -1.97 -0.08	24.68 -1.71 0.00	22.78 -1.97 2.16	17.69 -1.83 5.84
GLEN PARK___ 23778	22.30 -0.11 0.00	16.97 -0.07 0.00	21.33 -0.08 0.00	17.91 -0.04 0.00	17.88 -0.03 0.00	17.10 -0.11 0.00	20.83 0.10 0.00	24.83 -0.06 0.00	23.46 -0.12 0.00	23.91 -0.08 0.00	25.03 -0.23 0.00	24.87 -0.33 0.00	24.32 -0.38 0.00	25.08 -0.38 0.00	23.91 -0.52 0.00	24.17 -0.64 0.00	26.09 -0.58 0.00	31.30 -0.18 0.00	38.69 0.76 0.00	39.95 1.58 0.00	32.19 0.79 0.00	26.67 0.28 0.00	27.17 0.26 0.00	25.62 0.27 0.00
GLENDALE_27_KV_LOAD 356172	23.23 0.82 0.00	17.63 0.59 0.00	22.12 0.72 0.00	18.63 0.68 0.00	18.58 0.67 0.00	17.86 0.64 0.00	21.61 0.88 0.00	26.04 1.14 0.00	24.76 1.17 0.00	25.16 1.17 0.00	26.63 1.37 0.00	26.59 1.39 0.00	26.16 1.46 0.00	27.01 1.55 0.00	26.13 1.68 -0.01	26.90 1.99 -0.10	28.83 2.15 0.00	34.03 2.55 0.00	40.60 2.67 0.00	40.83 2.55 0.09	33.47 2.07 0.02	28.09 1.70 0.00	28.41 1.50 0.00	26.57 1.22 0.00
GLENWOOD_IC_1_G1 23712	23.31 0.90 0.00	17.68 0.64 0.00	22.17 0.76 0.00	18.69 0.74 0.00	18.63 0.73 0.00	17.95 0.73 0.00	23.64 1.07 -1.83	29.27 1.40 -2.97	24.90 1.32 0.00	25.24 1.25 0.00	26.71 1.44 0.00	26.64 1.45 0.00	26.24 1.54 0.00	27.13 1.67 0.00	26.22 1.78 0.00	26.74 1.93 0.00	28.71 2.04 0.00	33.74 2.26 0.00	40.22 2.29 0.00	40.44 2.16 0.09	33.22 1.83 0.02	27.92 1.52 0.00	28.36 1.45 0.00	26.66 1.31 0.00
GLENWOOD_IC_2_G1 23688	23.26 0.85 0.00	17.64 0.60 0.00	22.12 0.72 0.00	18.65 0.70 0.00	18.59 0.69 0.00	17.91 0.69 0.00	23.58 1.00 -1.83	29.19 1.33 -2.97	24.83 1.25 0.00	25.17 1.18 0.00	26.63 1.37 0.00	26.55 1.36 0.00	26.15 1.45 0.00	27.03 1.57 0.00	26.13 1.69 0.00	26.71 1.90 0.00	28.69 2.02 0.00	33.80 2.32 0.00	40.30 2.37 0.00	40.53 2.25 0.09	33.30 1.91 0.02	28.00 1.60 0.00	28.42 1.51 0.00	26.62 1.26 0.00
GLENWOOD_IC_3_G1 23689	23.26 0.85 0.00	17.64 0.60 0.00	22.12 0.72 0.00	18.65 0.70 0.00	18.59 0.69 0.00	17.91 0.69 0.00	23.58 1.00 -1.83	29.19 1.33 -2.97	24.83 1.25 0.00	25.17 1.18 0.00	26.63 1.37 0.00	26.55 1.36 0.00	26.15 1.45 0.00	27.03 1.57 0.00	26.13 1.69 0.00	26.71 1.90 0.00	28.69 2.02 0.00	33.80 2.32 0.00	40.30 2.37 0.00	40.53 2.25 0.09	33.30 1.91 0.02	28.00 1.60 0.00	28.42 1.51 0.00	26.62 1.26 0.00
GLENWOOD___4 23550	23.31 0.90 0.00	17.68 0.64 0.00	22.17 0.76 0.00	18.69 0.74 0.00	18.63 0.73 0.00	17.95 0.73 0.00	23.64 1.07 -1.83	29.27 1.40 -2.97	24.90 1.32 0.00	25.24 1.25 0.00	26.71 1.44 0.00	26.64 1.45 0.00	26.24 1.54 0.00	27.13 1.67 0.00	26.22 1.79 0.00	26.77 1.96 0.00	28.75 2.08 0.00	33.82 2.34 0.00	40.31 2.38 0.00	40.53 2.25 0.09	33.30 1.91 0.02	27.98 1.58 0.00	28.41 1.51 0.00	26.66 1.31 0.00
GLENWOOD___5 23614	23.31 0.90 0.00	17.68 0.64 0.00	22.17 0.76 0.00	18.69 0.74 0.00	18.63 0.73 0.00	17.95 0.73 0.00	23.64 1.07 -1.83	29.27 1.40 -2.97	24.90 1.32 0.00	25.24 1.25 0.00	26.71 1.44 0.00	26.64 1.45 0.00	26.24 1.54 0.00	27.13 1.67 0.00	26.22 1.79 0.00	26.77 1.96 0.00	28.75 2.08 0.00	33.82 2.34 0.00	40.31 2.38 0.00	40.53 2.25 0.09	33.30 1.91 0.02	27.98 1.58 0.00	28.41 1.51 0.00	26.66 1.31 0.00
GLOBAL GREEN_PORT_GT1 23814	23.73 1.32 0.00	17.97 0.94 0.00	22.56 1.15 0.00	19.07 1.12 0.00	19.02 1.12 0.00	18.39 1.18 0.00	24.23 1.66 -1.83	29.89 2.03 -2.97	25.41 1.82 0.00	25.68 1.69 0.00	26.93 1.67 0.00	26.75 1.56 0.00	26.61 1.91 0.00	27.58 2.12 0.00	26.63 2.20 0.00	27.28 2.47 0.00	29.30 2.63 0.00	34.32 2.84 0.00	40.65 2.72 0.00	41.01 2.74 0.09	33.82 2.43 0.02	28.31 1.92 0.00	28.84 1.93 0.00	26.80 1.44 0.00
GLOBE___DSASP 323697	19.86 -2.11 0.45	15.44 -1.60 0.00	17.54 -2.16 1.71	14.89 -1.93 1.13	14.58 -1.90 1.42	14.51 -1.75 0.95	18.33 -2.09 0.32	21.98 -2.47 0.44	19.81 -2.21 1.57	21.98 -2.01 0.00	23.51 -1.75 0.00	23.89 -1.31 0.00	23.40 -1.30 0.00	24.41 -1.05 0.00	22.72 -1.71 0.00	23.36 -1.45 0.00	24.86 -1.81 0.00	29.28 -2.20 0.00	35.16 -2.78 0.00	30.98 -3.80 3.59	27.52 -3.27 0.61	23.79 -2.61 0.00	20.89 -2.73 3.28	14.10 -2.38 8.88
GOETHSLN___LBMP 323567	23.02 0.61 0.00	17.46 0.42 0.00	21.92 0.52 0.00	18.47 0.52 0.00	18.39 0.48 0.00	17.65 0.43 0.00	21.36 0.62 0.00	25.74 0.85 0.00	24.43 0.85 0.00	24.83 0.84 0.00	26.24 0.98 0.00	26.19 1.00 0.00	25.65 1.08 0.13	26.53 1.14 0.06	25.75 1.31 0.00	26.45 1.64 0.00	28.46 1.78 0.00	33.64 2.16 0.00	40.15 2.22 0.00	40.36 2.09 0.09	33.06 1.67 0.02	27.78 1.39 0.00	28.10 1.19 0.00	26.33 0.97 0.00
GOLAH___69_KV_TB 1_2 80279	21.32 -0.77 0.32	16.43 -0.60 0.00	19.32 -0.88 1.21	16.32 -0.83 0.80	16.10 -0.80 1.01	15.81 -0.73 0.67	19.71 -0.80 0.23	23.69 -0.89 0.31	21.64 -0.84 1.11	23.23 -0.77 0.00	24.64 -0.62 0.00	24.85 -0.35 0.00	24.38 -0.32 0.00	27.38 -0.13 -2.06	24.38 -0.48 -0.42	24.57 -0.24 0.00	26.35 -0.32 0.00	31.24 -0.24 0.00	37.72 -0.21 0.00	37.81 -0.76 -0.20	30.63 -0.81 -0.03	25.70 -0.69 0.00	23.68 -0.93 2.29	18.30 -0.85 6.20

GOODYEAR_LAKE_HYD 323669	22.89 0.48 0.00	17.34 0.31 0.00	21.78 0.38 0.00	18.27 0.32 0.00	18.23 0.32 0.00	17.56 0.35 0.00	21.25 0.52 0.00	25.65 0.66 -0.10	24.50 0.56 -0.35	24.54 0.55 0.00	25.91 0.64 0.00	25.89 0.69 0.00	25.44 0.74 0.00	26.29 0.83 0.00	25.26 0.83 0.00	25.79 0.98 0.00	27.77 1.10 0.00	32.81 1.33 0.00	39.48 1.55 0.00	39.56 1.46 0.27	32.41 1.05 0.05	27.18 0.79 0.00	27.52 0.61 0.00	25.85 0.49 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.96 -0.25 0.19	16.85 -0.19 0.00	20.41 -0.25 0.74	17.26 -0.20 0.49	17.10 -0.19 0.61	16.64 -0.16 0.41	20.45 -0.15 0.14	24.70 -0.19 0.00	23.35 -0.24 0.00	23.78 -0.22 0.00	25.15 -0.12 0.00	25.24 0.05 0.00	24.80 0.10 0.00	25.59 0.13 0.00	24.55 0.12 0.00	25.16 0.35 0.00	27.04 0.37 0.00	31.90 0.42 0.00	38.25 0.32 0.00	37.83 0.19 0.73	31.28 0.00 0.12	26.31 -0.09 0.00	25.09 -0.35 1.48	20.98 -0.38 4.00
GOUDEY___7 23579	21.96 -0.25 0.19	16.85 -0.19 0.00	20.41 -0.25 0.74	17.26 -0.20 0.49	17.10 -0.19 0.61	16.64 -0.16 0.41	20.45 -0.15 0.14	24.70 -0.19 0.00	23.35 -0.24 0.00	23.78 -0.22 0.00	25.15 -0.12 0.00	25.24 0.05 0.00	24.80 0.10 0.00	25.59 0.13 0.00	24.55 0.12 0.00	25.16 0.35 0.00	27.04 0.37 0.00	31.90 0.42 0.00	38.25 0.32 0.00	37.83 0.19 0.73	31.28 0.00 0.12	26.31 -0.09 0.00	25.09 -0.35 1.48	20.98 -0.38 4.00
GOUDEY___8 23580	21.96 -0.25 0.19	16.85 -0.19 0.00	20.41 -0.25 0.74	17.26 -0.20 0.49	17.10 -0.19 0.61	16.64 -0.16 0.41	20.45 -0.15 0.14	24.70 -0.19 0.00	23.35 -0.24 0.00	23.78 -0.22 0.00	25.15 -0.12 0.00	25.24 0.05 0.00	24.80 0.10 0.00	25.59 0.13 0.00	24.55 0.12 0.00	25.16 0.35 0.00	27.04 0.37 0.00	31.90 0.42 0.00	38.25 0.32 0.00	37.83 0.19 0.73	31.28 0.00 0.12	26.31 -0.09 0.00	25.09 -0.35 1.48	20.98 -0.38 4.00
GOWANUS_GT1_1 24077	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT1_2 24078	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT1_3 24079	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT1_4 24080	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT1_5 24084	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT1_6 24111	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT1_7 24112	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT1_8 24113	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT2_1 24114	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT2_2 24115	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT2_3 24116	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84

GOWANUS_GT2_4 24117	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT2_5 24118	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT2_6 24119	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT2_7 24120	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT2_8 24121	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT3_1 24122	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT3_2 24123	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT3_3 24124	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT3_4 24125	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT3_5 24126	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT3_6 24127	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT3_7 24128	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT3_8 24129	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
GOWANUS_GT4_1 24130	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT4_2 24131	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84

GOWANUS_GT4_3 24132	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT4_4 24133	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT4_5 24134	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT4_6 24135	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT4_7 24136	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GOWANUS_GT4_8 24137	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GREENBSH_115KV_TB3 55895	22.56 0.15 0.00	17.29 0.26 0.00	21.79 0.39 0.00	18.35 0.40 0.00	18.30 0.39 0.00	17.56 0.35 0.00	21.01 0.28 0.00	25.20 0.30 0.00	23.87 0.29 0.00	24.22 0.22 0.00	25.46 0.19 0.00	25.30 0.11 0.00	24.78 0.08 0.00	25.45 0.00 0.00	24.50 0.07 0.00	24.99 0.18 0.00	27.00 0.33 0.00	31.90 0.42 0.00	38.49 0.56 0.00	39.00 0.71 0.07	32.00 0.61 0.01	26.88 0.48 0.00	27.31 0.40 0.00	25.68 0.32 0.00
GREENIDGE_115KV_TB5 80291	20.38 -0.60 1.44	16.58 -0.45 0.00	15.29 -0.65 5.46	13.74 -0.60 3.61	12.77 -0.58 4.54	13.66 -0.51 3.04	19.20 -0.51 1.03	23.06 -0.47 1.36	18.28 -0.50 4.80	23.53 -0.46 0.00	24.86 -0.40 0.00	25.03 -0.16 0.00	24.59 -0.11 0.00	25.36 -0.09 0.00	24.22 -0.21 0.00	24.84 0.03 0.00	26.71 0.04 0.00	31.58 0.10 0.00	38.00 0.07 0.00	37.66 0.04 0.75	31.04 -0.24 0.13	25.96 -0.43 0.00	15.69 -0.80 10.43	-3.63 -0.80 28.19
GREENIDGE___3 23582	20.38 -0.60 1.44	16.58 -0.45 0.00	15.29 -0.65 5.46	13.74 -0.60 3.61	12.77 -0.58 4.54	13.66 -0.51 3.04	19.20 -0.51 1.03	23.06 -0.47 1.36	18.28 -0.50 4.80	23.53 -0.46 0.00	24.86 -0.40 0.00	25.03 -0.16 0.00	24.59 -0.11 0.00	25.36 -0.09 0.00	24.22 -0.21 0.00	24.84 0.03 0.00	26.71 0.04 0.00	31.58 0.10 0.00	38.00 0.07 0.00	37.66 0.04 0.75	31.04 -0.24 0.13	25.96 -0.43 0.00	15.69 -0.80 10.43	-3.63 -0.80 28.19
GREENIDGE___4 23583	20.38 -0.60 1.44	16.58 -0.46 0.00	15.29 -0.65 5.46	13.74 -0.60 3.61	12.77 -0.58 4.54	13.67 -0.50 3.04	19.20 -0.51 1.03	23.05 -0.48 1.36	18.28 -0.51 4.80	23.53 -0.46 0.00	24.86 -0.40 0.00	25.03 -0.16 0.00	24.60 -0.11 0.00	25.37 -0.09 0.00	24.23 -0.21 0.00	24.84 0.03 0.00	26.71 0.03 0.00	31.59 0.10 0.00	38.00 0.07 0.00	37.67 0.05 0.75	31.04 -0.24 0.13	25.96 -0.43 0.00	15.68 -0.80 10.43	-3.65 -0.82 28.19
GREENLWN_69_KV_BK 3 55738	23.24 0.83 0.00	17.63 0.60 0.00	22.12 0.72 0.00	18.68 0.72 0.00	18.61 0.71 0.00	17.92 0.71 0.00	23.63 1.06 -1.83	29.26 1.40 -2.97	24.86 1.27 0.00	25.15 1.15 0.00	26.60 1.33 0.00	26.49 1.30 0.00	26.09 1.40 0.00	27.00 1.54 0.00	26.10 1.66 0.00	26.67 1.86 0.00	28.64 1.97 0.00	33.71 2.22 0.00	40.11 2.18 0.00	40.38 2.10 0.09	33.24 1.85 0.02	27.92 1.53 0.00	28.38 1.46 0.00	26.52 1.16 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84
GRISSOM___SOLAR 323813	23.54 1.13 0.00	17.84 0.81 0.00	22.40 1.00 0.00	18.78 0.83 0.00	18.75 0.85 0.00	18.06 0.85 0.00	21.88 1.15 0.00	26.10 1.21 0.00	24.16 0.57 0.00	24.22 0.22 0.00	25.41 0.15 0.00	25.18 -0.01 0.00	24.66 -0.04 0.00	25.51 0.06 0.00	24.60 0.16 0.00	25.10 0.29 0.00	27.07 0.40 0.00	32.38 0.90 0.00	39.94 2.01 0.00	40.77 2.50 0.10	33.44 2.05 0.02	28.07 1.68 0.00	28.43 1.52 0.00	26.69 1.33 0.00
GROVEVILLE___HYD 323602	23.14 0.73 0.00	17.57 0.53 0.00	22.07 0.67 0.00	18.58 0.63 0.00	18.52 0.62 0.00	17.82 0.60 0.00	21.53 0.79 0.00	25.93 1.04 0.00	24.58 0.99 0.00	24.96 0.97 0.00	26.34 1.07 0.00	26.27 1.08 0.00	25.81 1.11 0.00	26.64 1.19 0.00	25.72 1.29 0.00	26.40 1.59 0.00	28.45 1.78 0.00	33.66 2.18 0.00	40.36 2.43 0.00	40.64 2.36 0.09	33.29 1.90 0.02	27.94 1.54 0.00	28.25 1.34 0.00	26.43 1.08 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.25 -0.16 0.00	16.92 -0.12 0.00	21.24 -0.16 0.00	17.81 -0.14 0.00	17.78 -0.12 0.00	17.10 -0.11 0.00	20.62 -0.11 0.00	24.71 -0.18 0.00	23.38 -0.20 0.00	23.79 -0.20 0.00	25.07 -0.19 0.00	25.06 -0.13 0.00	24.58 -0.12 0.00	25.36 -0.09 0.00	24.36 -0.07 0.00	24.85 0.04 0.00	26.78 0.11 0.00	31.68 0.20 0.00	38.17 0.24 0.00	38.51 0.14 0.00	31.40 -0.01 0.00	26.32 -0.08 0.00	26.66 -0.25 0.00	25.20 -0.16 0.00

HAMLTNNY_34_KV_TB 80303	22.23 -0.19 0.00	16.92 -0.12 0.00	21.21 -0.19 0.00	17.79 -0.16 0.00	17.77 -0.13 0.00	17.09 -0.12 0.00	20.61 -0.12 0.00	24.70 -0.19 0.00	23.38 -0.20 0.00	23.79 -0.20 0.00	25.08 -0.19 0.00	25.09 -0.10 0.00	24.60 -0.09 0.00	25.35 -0.11 0.00	24.36 -0.07 0.00	24.89 0.08 0.00	26.80 0.13 0.00	31.68 0.20 0.00	38.17 0.24 0.00	38.59 0.14 -0.08	31.42 0.00 -0.01	26.32 -0.08 0.00	26.62 -0.29 0.00	25.15 -0.21 0.00
HAMPSHIRE___PAPER_HYD 323593	22.06 -0.35 0.00	16.78 -0.26 0.00	21.07 -0.33 0.00	17.64 -0.31 0.00	17.57 -0.33 0.00	16.82 -0.39 0.00	20.43 -0.31 0.00	24.47 -0.43 0.00	23.05 -0.53 0.00	23.48 -0.51 0.00	24.76 -0.51 0.00	24.60 -0.60 0.00	24.08 -0.62 0.00	24.80 -0.65 0.00	23.67 -0.76 0.00	23.89 -0.93 0.00	25.67 -1.00 0.00	30.41 -1.07 0.00	37.22 -0.70 0.00	38.23 -0.15 0.00	31.03 -0.38 0.00	25.86 -0.54 0.00	26.51 -0.40 0.00	24.98 -0.38 0.00
HARDSCRABBLE_WT_PWR 323673	22.52 0.11 0.00	17.09 0.05 0.00	21.50 0.10 0.00	18.10 0.14 0.00	18.08 0.17 0.00	17.40 0.19 0.00	20.95 0.22 0.00	25.14 0.25 0.00	23.79 0.20 0.00	24.21 0.22 0.00	25.48 0.22 0.00	25.40 0.21 0.00	24.88 0.18 0.00	25.63 0.17 0.00	24.53 0.10 0.00	24.91 0.10 0.00	26.72 0.05 0.00	31.40 -0.08 0.00	37.69 -0.23 0.00	38.11 -0.26 0.00	31.08 -0.33 0.00	26.32 -0.08 0.00	26.81 -0.10 0.00	25.12 -0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.97 0.55 0.00	17.44 0.40 0.00	21.89 0.49 0.00	18.44 0.49 0.00	18.38 0.47 0.00	17.68 0.46 0.00	21.37 0.63 0.00	25.74 0.85 0.00	24.41 0.83 0.00	24.80 0.80 0.00	26.20 0.94 0.00	26.15 0.96 0.00	25.72 1.02 0.00	26.54 1.08 0.00	25.66 1.23 0.00	26.34 1.53 0.00	28.38 1.70 0.00	33.57 2.09 0.00	40.18 2.26 0.00	40.43 2.16 0.10	33.10 1.70 0.02	27.78 1.38 0.00	28.09 1.18 0.00	26.30 0.94 0.00
HARSNRAD_115KV_TB1 81005	20.26 -1.71 0.44	15.73 -1.31 0.00	17.91 -1.81 1.68	15.20 -1.64 1.11	14.89 -1.61 1.40	14.77 -1.51 0.94	18.67 -1.75 0.32	22.45 -2.01 0.44	20.21 -1.83 1.54	22.27 -1.72 0.00	23.77 -1.49 0.00	24.05 -1.14 0.00	23.57 -1.13 0.00	-23.89 -0.53 48.81	10.78 -1.50 12.16	23.64 -1.17 0.00	25.13 -1.54 0.00	29.64 -1.84 0.00	35.59 -2.33 0.00	32.43 -3.21 2.73	28.08 -2.86 0.46	24.30 -2.10 0.00	21.47 -2.22 3.22	14.68 -1.97 8.71
HARZA MOOSE___RIVER 24016	22.41 -0.01 0.00	17.09 0.06 0.00	21.55 0.15 0.00	18.06 0.11 0.00	18.00 0.09 0.00	17.23 0.02 0.00	20.91 0.17 0.00	25.01 0.11 0.00	23.63 0.04 0.00	24.07 0.07 0.00	25.30 0.04 0.00	25.17 -0.02 0.00	24.67 -0.03 0.00	25.44 -0.01 0.00	24.35 -0.08 0.00	24.70 -0.11 0.00	26.63 0.19 0.00	31.67 0.73 0.00	38.66 1.11 0.00	39.48 1.11 0.00	31.94 0.54 0.00	26.62 0.23 0.00	27.12 0.21 0.00	25.53 0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.10 -0.31 0.00	16.80 -0.24 0.00	21.09 -0.31 0.00	17.68 -0.27 0.00	17.64 -0.26 0.00	16.98 -0.24 0.00	20.46 -0.28 0.00	24.50 -0.39 0.00	23.21 -0.37 0.00	23.63 -0.36 0.00	24.90 -0.36 0.00	24.89 -0.31 0.00	24.40 -0.30 0.00	25.19 -0.26 0.00	24.16 -0.27 0.00	24.64 -0.17 0.00	26.54 -0.13 0.00	31.49 0.01 0.00	37.92 -0.01 0.00	38.22 -0.15 0.00	31.18 -0.22 0.00	26.13 -0.26 0.00	26.50 -0.41 0.00	25.06 -0.30 0.00
HELLGATE_13_KV_LD 55870	23.14 0.73 0.00	17.56 0.52 0.00	22.05 0.64 0.00	18.56 0.61 0.00	18.51 0.61 0.00	17.79 0.58 0.00	21.52 0.78 0.00	25.91 1.01 0.00	24.64 1.05 0.00	25.03 1.04 0.00	26.49 1.22 0.00	26.44 1.24 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.98 1.53 -0.01	26.74 1.83 -0.10	28.65 1.98 0.00	33.83 2.34 0.00	40.36 2.43 0.00	40.59 2.31 0.09	33.28 1.89 0.02	27.94 1.55 0.00	28.26 1.35 0.00	26.45 1.09 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.14 0.73 0.00	17.56 0.52 0.00	22.05 0.64 0.00	18.56 0.61 0.00	18.51 0.61 0.00	17.79 0.58 0.00	21.52 0.78 0.00	25.91 1.01 0.00	24.64 1.05 0.00	25.03 1.04 0.00	26.49 1.22 0.00	26.44 1.24 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.98 1.53 -0.01	26.74 1.83 -0.10	28.65 1.98 0.00	33.83 2.34 0.00	40.36 2.43 0.00	40.59 2.31 0.09	33.28 1.89 0.02	27.94 1.55 0.00	28.26 1.35 0.00	26.45 1.09 0.00
HEMPSTEAD____ 23647	23.21 0.80 0.00	17.61 0.57 0.00	22.08 0.67 0.00	18.62 0.67 0.00	18.56 0.65 0.00	17.88 0.67 0.00	23.56 0.98 -1.83	29.16 1.29 -2.97	24.80 1.22 0.00	25.13 1.13 0.00	26.58 1.31 0.00	26.49 1.30 0.00	26.09 1.39 0.00	26.96 1.50 0.00	26.06 1.63 0.00	26.63 1.83 0.00	28.57 1.90 0.00	33.67 2.18 0.00	40.13 2.20 0.00	40.36 2.09 0.09	33.18 1.79 0.02	27.92 1.52 0.00	28.38 1.47 0.00	26.56 1.20 0.00
HEWLETT_69_KV_BK3 55828	23.38 0.97 0.00	17.73 0.70 0.00	22.23 0.82 0.00	18.74 0.79 0.00	18.67 0.77 0.00	17.99 0.77 0.00	23.66 1.09 -1.83	29.28 1.41 -2.97	24.91 1.33 0.00	25.26 1.27 0.00	26.76 1.50 0.00	26.70 1.51 0.00	26.29 1.59 0.00	27.17 1.72 0.00	26.26 1.83 0.00	26.86 2.05 0.00	28.86 2.19 0.00	34.06 2.58 0.00	40.61 2.68 0.00	40.85 2.57 0.09	33.54 2.15 0.02	28.24 1.84 0.00	28.64 1.73 0.00	26.76 1.40 0.00
HICKLING___1 23621	20.31 -0.79 1.32	16.45 -0.59 0.00	15.58 -0.82 5.00	13.93 -0.71 3.31	13.03 -0.70 4.17	13.81 -0.62 2.79	19.16 -0.64 0.94	23.03 -0.56 1.30	18.39 -0.60 4.59	23.52 -0.47 0.00	24.98 -0.29 0.00	25.21 0.02 0.00	24.82 0.12 0.00	24.78 0.17 0.85	24.42 -0.01 0.00	25.10 0.29 0.00	26.91 0.24 0.00	31.78 0.30 0.00	37.99 0.06 0.00	36.95 -0.21 1.22	30.67 -0.53 0.21	25.72 -0.68 0.00	16.36 -1.09 9.47	-1.36 -1.12 25.60
HICKLING___2 23622	20.31 -0.79 1.32	16.45 -0.59 0.00	15.58 -0.82 5.00	13.93 -0.71 3.31	13.03 -0.70 4.17	13.81 -0.62 2.79	19.16 -0.64 0.94	23.03 -0.56 1.30	18.39 -0.60 4.59	23.52 -0.47 0.00	24.98 -0.29 0.00	25.21 0.02 0.00	24.82 0.12 0.00	24.78 0.17 0.85	24.42 -0.01 0.00	25.10 0.29 0.00	26.91 0.24 0.00	31.78 0.30 0.00	37.99 0.06 0.00	36.95 -0.21 1.22	30.67 -0.53 0.21	25.72 -0.68 0.00	16.36 -1.09 9.47	-1.36 -1.12 25.60
HIGH FALLS___HY 23754	22.91 0.50 0.00	17.35 0.31 0.00	21.77 0.37 0.00	18.33 0.38 0.00	18.27 0.36 0.00	17.58 0.37 0.00	21.30 0.56 0.00	25.69 0.80 0.00	24.36 0.77 0.00	24.72 0.73 0.00	26.07 0.80 0.00	25.99 0.80 0.00	25.55 0.85 0.00	26.39 0.93 0.00	25.51 1.07 0.00	26.19 1.38 0.00	28.24 1.57 0.00	33.46 1.98 0.00	40.09 2.16 0.00	40.34 2.06 0.09	33.04 1.65 0.02	27.72 1.32 0.00	28.00 1.09 0.00	26.19 0.83 0.00
HIGH_RIVER___SOLAR 323847	23.17 0.76 0.00	17.59 0.55 0.00	22.12 0.72 0.00	18.57 0.62 0.00	18.53 0.62 0.00	17.83 0.62 0.00	21.52 0.79 0.00	25.75 0.86 0.00	24.13 0.55 0.00	24.24 0.25 0.00	25.38 0.12 0.00	25.24 0.05 0.00	24.73 0.03 0.00	25.50 0.04 0.00	24.55 0.11 0.00	25.05 0.24 0.00	27.10 0.43 0.00	32.33 0.85 0.00	39.44 1.51 0.00	40.09 1.80 0.08	32.88 1.48 0.01	27.61 1.22 0.00	28.01 1.10 0.00	26.30 0.94 0.00

HILLBURN___GT 23639	22.91 0.50 0.00	17.39 0.35 0.00	21.84 0.44 0.00	18.40 0.45 0.00	18.33 0.43 0.00	17.62 0.41 0.00	21.32 0.58 0.00	25.71 0.82 0.00	24.39 0.80 0.00	24.77 0.78 0.00	26.19 0.93 0.00	26.15 0.96 0.00	25.71 1.01 0.00	26.54 1.08 0.00	25.67 1.24 0.00	26.35 1.54 0.00	28.37 1.70 0.00	33.55 2.07 0.00	40.10 2.17 0.00	40.34 2.07 0.10	33.02 1.63 0.02	27.74 1.34 0.00	28.05 1.14 0.00	26.28 0.92 0.00
HILLSIDE_115KV_TB1 80332	20.25 -0.92 1.24	16.37 -0.66 0.00	15.81 -0.90 4.69	14.09 -0.75 3.11	13.26 -0.73 3.91	13.92 -0.67 2.62	19.13 -0.72 0.89	22.99 -0.65 1.25	18.47 -0.70 4.41	23.37 -0.62 0.00	24.81 -0.46 0.00	25.01 -0.18 0.00	24.61 -0.09 0.00	24.64 -0.08 0.74	24.24 -0.19 0.00	24.91 0.10 0.00	26.71 0.04 0.00	31.50 0.01 0.00	37.54 -0.39 0.00	36.61 -0.60 1.17	30.46 -0.75 0.20	25.60 -0.79 0.00	16.87 -1.18 8.87	0.16 -1.22 23.98
HISHELDN_WT_PWR 323625	20.11 -1.69 0.61	15.75 -1.28 0.00	17.32 -1.77 2.31	14.81 -1.62 1.53	14.38 -1.60 1.92	14.45 -1.48 1.29	18.59 -1.71 0.43	22.38 -1.91 0.60	19.76 -1.71 2.12	22.57 -1.42 0.00	24.19 -1.08 0.00	24.58 -0.61 0.00	24.16 -0.54 0.00	21.64 -0.26 3.56	23.61 -0.82 0.00	24.30 -0.52 0.00	25.92 -0.75 0.00	30.58 -0.91 0.00	36.63 -1.30 0.00	33.46 -2.13 2.78	28.75 -2.18 0.47	24.47 -1.93 0.00	20.23 -2.28 4.40	11.33 -2.13 11.90
HOLTSVILLE_IC_1 23690	23.28 0.87 0.00	17.64 0.60 0.00	22.12 0.72 0.00	18.68 0.73 0.00	18.61 0.71 0.00	17.95 0.74 0.00	23.68 1.11 -1.83	29.30 1.43 -2.97	24.88 1.29 0.00	25.14 1.15 0.00	26.50 1.23 0.00	26.36 1.17 0.00	26.02 1.32 0.00	26.96 1.51 0.00	26.10 1.66 0.00	26.69 1.88 0.00	28.65 1.98 0.00	33.69 2.21 0.00	40.05 2.12 0.00	40.40 2.13 0.09	33.36 1.97 0.02	28.03 1.63 0.00	28.50 1.59 0.00	26.60 1.24 0.00
HOLTSVILLE_IC_10 23699	23.38 0.97 0.00	17.70 0.66 0.00	22.20 0.80 0.00	18.74 0.79 0.00	18.68 0.77 0.00	18.01 0.80 0.00	23.77 1.20 -1.83	29.41 1.54 -2.97	24.99 1.41 0.00	25.25 1.25 0.00	26.62 1.36 0.00	26.49 1.30 0.00	26.15 1.45 0.00	27.11 1.65 0.00	26.25 1.81 0.00	26.86 2.05 0.00	28.83 2.16 0.00	33.91 2.43 0.00	40.32 2.39 0.00	40.65 2.37 0.09	33.57 2.18 0.02	28.18 1.78 0.00	28.63 1.73 0.00	26.72 1.36 0.00
HOLTSVILLE_IC_2 23691	23.28 0.87 0.00	17.64 0.60 0.00	22.12 0.72 0.00	18.68 0.73 0.00	18.61 0.71 0.00	17.95 0.74 0.00	23.68 1.11 -1.83	29.30 1.43 -2.97	24.88 1.29 0.00	25.14 1.15 0.00	26.50 1.23 0.00	26.36 1.17 0.00	26.02 1.32 0.00	26.96 1.51 0.00	26.10 1.66 0.00	26.69 1.88 0.00	28.65 1.98 0.00	33.69 2.21 0.00	40.05 2.12 0.00	40.40 2.13 0.09	33.36 1.97 0.02	28.03 1.63 0.00	28.50 1.59 0.00	26.60 1.24 0.00
HOLTSVILLE_IC_3 23692	23.28 0.87 0.00	17.64 0.60 0.00	22.12 0.72 0.00	18.68 0.73 0.00	18.61 0.71 0.00	17.95 0.74 0.00	23.68 1.11 -1.83	29.30 1.43 -2.97	24.88 1.29 0.00	25.14 1.15 0.00	26.50 1.23 0.00	26.36 1.17 0.00	26.02 1.32 0.00	26.96 1.51 0.00	26.10 1.66 0.00	26.69 1.88 0.00	28.65 1.98 0.00	33.69 2.21 0.00	40.05 2.12 0.00	40.40 2.13 0.09	33.36 1.97 0.02	28.03 1.63 0.00	28.50 1.59 0.00	26.60 1.24 0.00
HOLTSVILLE_IC_4 23693	23.28 0.87 0.00	17.64 0.60 0.00	22.12 0.72 0.00	18.68 0.73 0.00	18.61 0.71 0.00	17.95 0.74 0.00	23.68 1.11 -1.83	29.30 1.43 -2.97	24.88 1.29 0.00	25.14 1.15 0.00	26.50 1.23 0.00	26.36 1.17 0.00	26.02 1.32 0.00	26.96 1.51 0.00	26.10 1.66 0.00	26.69 1.88 0.00	28.65 1.98 0.00	33.69 2.21 0.00	40.05 2.12 0.00	40.40 2.13 0.09	33.36 1.97 0.02	28.03 1.63 0.00	28.50 1.59 0.00	26.60 1.24 0.00
HOLTSVILLE_IC_5 23694	23.28 0.87 0.00	17.64 0.60 0.00	22.12 0.72 0.00	18.68 0.73 0.00	18.61 0.71 0.00	17.95 0.74 0.00	23.68 1.11 -1.83	29.30 1.43 -2.97	24.88 1.29 0.00	25.14 1.15 0.00	26.50 1.23 0.00	26.36 1.17 0.00	26.02 1.32 0.00	26.96 1.51 0.00	26.10 1.66 0.00	26.69 1.88 0.00	28.65 1.98 0.00	33.69 2.21 0.00	40.05 2.12 0.00	40.40 2.13 0.09	33.36 1.97 0.02	28.03 1.63 0.00	28.50 1.59 0.00	26.60 1.24 0.00
HOLTSVILLE_IC_6 23695	23.38 0.97 0.00	17.70 0.66 0.00	22.20 0.80 0.00	18.74 0.79 0.00	18.68 0.77 0.00	18.01 0.80 0.00	23.77 1.20 -1.83	29.41 1.54 -2.97	24.99 1.41 0.00	25.25 1.25 0.00	26.62 1.36 0.00	26.49 1.30 0.00	26.15 1.45 0.00	27.11 1.65 0.00	26.25 1.81 0.00	26.86 2.05 0.00	28.83 2.16 0.00	33.91 2.43 0.00	40.32 2.39 0.00	40.65 2.37 0.09	33.57 2.18 0.02	28.18 1.78 0.00	28.63 1.73 0.00	26.72 1.36 0.00
HOLTSVILLE_IC_7 23696	23.38 0.97 0.00	17.70 0.66 0.00	22.20 0.80 0.00	18.74 0.79 0.00	18.68 0.77 0.00	18.01 0.80 0.00	23.77 1.20 -1.83	29.41 1.54 -2.97	24.99 1.41 0.00	25.25 1.25 0.00	26.62 1.36 0.00	26.49 1.30 0.00	26.15 1.45 0.00	27.11 1.65 0.00	26.25 1.81 0.00	26.86 2.05 0.00	28.83 2.16 0.00	33.91 2.43 0.00	40.32 2.39 0.00	40.65 2.37 0.09	33.57 2.18 0.02	28.18 1.78 0.00	28.63 1.73 0.00	26.72 1.36 0.00
HOLTSVILLE_IC_8 23697	23.38 0.97 0.00	17.70 0.66 0.00	22.20 0.80 0.00	18.74 0.79 0.00	18.68 0.77 0.00	18.01 0.80 0.00	23.77 1.20 -1.83	29.41 1.54 -2.97	24.99 1.41 0.00	25.25 1.25 0.00	26.62 1.36 0.00	26.49 1.30 0.00	26.15 1.45 0.00	27.11 1.65 0.00	26.25 1.81 0.00	26.86 2.05 0.00	28.83 2.16 0.00	33.91 2.43 0.00	40.32 2.39 0.00	40.65 2.37 0.09	33.57 2.18 0.02	28.18 1.78 0.00	28.63 1.73 0.00	26.72 1.36 0.00
HOLTSVILLE_IC_9 23698	23.38 0.97 0.00	17.70 0.66 0.00	22.20 0.80 0.00	18.74 0.79 0.00	18.68 0.77 0.00	18.01 0.80 0.00	23.77 1.20 -1.83	29.41 1.54 -2.97	24.99 1.41 0.00	25.25 1.25 0.00	26.62 1.36 0.00	26.49 1.30 0.00	26.15 1.45 0.00	27.11 1.65 0.00	26.25 1.81 0.00	26.86 2.05 0.00	28.83 2.16 0.00	33.91 2.43 0.00	40.32 2.39 0.00	40.65 2.37 0.09	33.57 2.18 0.02	28.18 1.78 0.00	28.63 1.73 0.00	26.72 1.36 0.00
HOMER_HL_115KV_TB2 355744	20.19 -1.52 0.70	15.92 -1.12 0.00	17.29 -1.46 2.65	14.93 -1.26 1.76	14.44 -1.25 2.21	14.55 -1.18 1.48	18.90 -1.34 0.50	22.79 -1.42 0.69	19.91 -1.25 2.42	22.90 -1.09 0.00	24.40 -0.87 0.00	24.78 -0.42 0.00	24.38 -0.32 0.00	24.71 0.04 0.79	24.14 -0.29 0.00	24.85 0.04 0.00	26.49 -0.19 0.00	31.34 -0.14 0.00	37.47 -0.46 0.00	34.71 -0.94 2.72	29.77 -1.17 0.46	25.25 -1.15 0.00	20.24 -1.56 5.12	9.96 -1.56 13.84
HOWARD_WT_PWR 323690	19.24 -1.53 1.64	15.83 -1.21 0.00	13.53 -1.66 6.22	12.25 -1.59 4.12	10.97 -1.76 5.18	12.18 -1.57 3.47	17.73 -1.83 1.17	21.28 -2.07 1.55	16.67 -1.44 5.47	23.24 -0.75 0.00	24.44 -0.82 0.00	25.05 -0.14 0.00	24.85 0.15 0.00	25.08 0.31 0.68	24.36 -0.07 0.00	25.02 0.20 0.00	26.69 0.02 0.00	31.60 0.12 0.00	38.22 0.29 0.00	36.99 0.24 1.63	30.17 -0.96 0.28	24.45 -1.95 0.00	12.37 -2.65 11.89	-9.47 -2.67 32.16

HQ_GEN_CEDARS 23644	22.77 0.35 0.00	17.25 0.21 0.00	21.59 0.19 0.00	18.04 0.09 0.00	17.98 0.08 0.00	17.28 0.07 0.00	20.88 0.14 0.00	25.14 0.24 0.00	23.79 0.20 0.00	24.25 0.26 0.00	25.53 0.27 0.00	25.42 0.23 0.00	24.91 0.21 0.00	25.67 0.21 0.00	24.51 0.08 0.00	24.71 -0.10 0.00	26.43 -0.25 0.00	30.92 -0.56 0.00	37.37 -0.56 0.00	38.07 -0.30 0.00	31.30 -0.10 0.00	26.36 -0.04 0.00	27.08 0.17 0.00	25.50 0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	22.77 0.35 0.00	17.25 0.21 0.00	21.59 0.19 0.00	18.04 0.09 0.00	17.98 0.08 0.00	17.28 0.07 0.00	20.88 0.15 0.00	25.14 0.24 0.00	23.79 0.20 0.00	24.25 0.26 0.00	25.53 0.27 0.00	25.42 0.23 0.00	24.91 0.21 0.00	25.67 0.21 0.00	24.52 0.08 0.00	24.71 -0.10 0.00	26.43 -0.25 0.00	30.92 -0.56 0.00	37.37 -0.56 0.00	38.06 -0.31 0.00	31.30 -0.10 0.00	26.36 -0.04 0.00	27.08 0.17 0.00	25.50 0.14 0.00
HQ_GEN_IMPORT 323601	22.55 0.13 0.00	17.11 0.08 0.00	21.47 0.07 0.00	17.97 0.01 0.00	17.91 0.01 0.00	17.22 0.01 0.00	20.77 0.03 0.00	25.92 0.08 -0.95	23.66 0.08 0.00	24.11 0.12 0.00	25.38 0.12 0.00	25.30 0.10 0.00	24.79 0.10 0.00	25.55 0.09 0.00	24.46 0.02 0.00	24.67 -0.14 0.00	26.44 -0.23 0.00	31.11 -0.37 0.00	37.53 -0.40 0.00	38.01 -0.36 0.00	31.17 -0.23 0.00	26.24 -0.16 0.00	26.94 0.03 0.00	25.38 0.02 0.00
HQ_GEN_WHEEL 23651	22.55 0.13 0.00	17.11 0.08 0.00	21.47 0.07 0.00	17.97 0.01 0.00	17.91 0.01 0.00	17.22 0.01 0.00	20.77 0.03 0.00	25.92 0.08 -0.95	23.66 0.08 0.00	24.11 0.12 0.00	25.38 0.12 0.00	25.30 0.10 0.00	24.79 0.10 0.00	25.55 0.09 0.00	24.46 0.02 0.00	24.67 -0.14 0.00	26.44 -0.23 0.00	31.11 -0.37 0.00	37.53 -0.40 0.00	38.01 -0.36 0.00	31.17 -0.23 0.00	26.24 -0.16 0.00	26.94 0.03 0.00	25.38 0.02 0.00
HUDSON AVE_GT_3 23810	23.15 0.74 0.00	17.56 0.52 0.00	22.04 0.63 0.00	18.57 0.62 0.00	18.51 0.61 0.00	17.78 0.57 0.00	21.51 0.77 0.00	25.93 1.04 0.00	24.63 1.05 0.00	25.04 1.05 0.00	26.47 1.21 0.00	26.42 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.96 1.53 0.00	26.65 1.84 0.00	28.66 1.99 0.00	33.87 2.39 0.00	40.41 2.48 0.00	40.62 2.34 0.09	33.29 1.90 0.02	27.96 1.57 0.00	28.29 1.37 0.00	26.47 1.11 0.00
HUDSON AVE_GT_4 23540	23.15 0.74 0.00	17.56 0.52 0.00	22.04 0.63 0.00	18.57 0.62 0.00	18.51 0.61 0.00	17.78 0.57 0.00	21.51 0.77 0.00	25.93 1.04 0.00	24.63 1.05 0.00	25.04 1.05 0.00	26.47 1.21 0.00	26.42 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.96 1.53 0.00	26.65 1.84 0.00	28.66 1.99 0.00	33.87 2.39 0.00	40.41 2.48 0.00	40.62 2.34 0.09	33.29 1.90 0.02	27.96 1.57 0.00	28.29 1.37 0.00	26.47 1.11 0.00
HUDSON AVE_GT_5 23657	23.15 0.74 0.00	17.56 0.52 0.00	22.04 0.63 0.00	18.57 0.62 0.00	18.51 0.61 0.00	17.78 0.57 0.00	21.51 0.77 0.00	25.93 1.04 0.00	24.63 1.05 0.00	25.04 1.05 0.00	26.47 1.21 0.00	26.42 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.96 1.53 0.00	26.65 1.84 0.00	28.66 1.99 0.00	33.87 2.39 0.00	40.41 2.48 0.00	40.62 2.34 0.09	33.29 1.90 0.02	27.96 1.57 0.00	28.29 1.37 0.00	26.47 1.11 0.00
HUDSON_AVE_10 24168	23.08 0.67 0.00	17.51 0.47 0.00	21.97 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.73 0.52 0.00	21.46 0.72 0.00	25.86 0.96 0.00	24.56 0.98 0.00	24.97 0.98 0.00	26.39 1.13 0.00	26.35 1.16 0.00	25.92 1.22 0.00	26.77 1.31 0.00	25.88 1.44 0.00	26.56 1.75 0.00	28.57 1.89 0.00	33.76 2.28 0.00	40.27 2.35 0.00	40.49 2.22 0.09	33.19 1.79 0.02	27.87 1.48 0.00	28.19 1.28 0.00	26.39 1.03 0.00
HUDSON___115KV_TB 4 355613	23.03 0.62 0.00	17.63 0.59 0.00	22.22 0.81 0.00	18.70 0.74 0.00	18.65 0.75 0.00	17.91 0.70 0.00	21.47 0.73 0.00	25.73 0.84 0.00	24.30 0.71 0.00	24.53 0.53 0.00	25.68 0.42 0.00	25.47 0.28 0.00	24.92 0.22 0.00	25.61 0.16 0.00	24.65 0.22 0.00	25.17 0.35 0.00	27.29 0.62 0.00	32.41 0.93 0.00	39.37 1.44 0.00	40.03 1.73 0.08	32.86 1.46 0.01	27.55 1.16 0.00	27.93 1.02 0.00	26.21 0.85 0.00
HUNTER MOUNT___DRP 323613	23.17 0.75 0.00	17.75 0.71 0.00	22.38 0.97 0.00	18.82 0.87 0.00	18.78 0.88 0.00	18.04 0.83 0.00	21.63 0.89 0.00	25.90 1.01 0.00	24.44 0.85 0.00	24.61 0.61 0.00	25.73 0.46 0.00	25.50 0.30 0.00	24.93 0.23 0.00	25.63 0.17 0.00	24.65 0.22 0.00	25.16 0.35 0.00	27.33 0.66 0.00	32.52 1.04 0.00	39.56 1.63 0.00	40.30 2.01 0.08	33.08 1.69 0.01	27.71 1.32 0.00	28.09 1.18 0.00	26.36 1.00 0.00
HUNTINGTON_RES_REC 323705	23.29 0.88 0.00	17.66 0.62 0.00	22.14 0.74 0.00	18.69 0.74 0.00	18.63 0.73 0.00	17.96 0.74 0.00	23.69 1.12 -1.83	29.33 1.46 -2.97	24.91 1.32 0.00	25.19 1.20 0.00	26.59 1.33 0.00	26.48 1.29 0.00	26.10 1.40 0.00	27.05 1.59 0.00	26.18 1.75 0.00	26.77 1.96 0.00	28.74 2.06 0.00	33.82 2.34 0.00	40.23 2.30 0.00	40.52 2.24 0.09	33.43 2.05 0.02	28.06 1.67 0.00	28.50 1.59 0.00	26.61 1.25 0.00
HUNTLEY___63 23557	20.35 -1.60 0.47	15.81 -1.23 0.00	17.93 -1.69 1.78	15.22 -1.55 1.18	14.89 -1.53 1.49	14.81 -1.41 0.99	18.77 -1.63 0.34	22.56 -1.87 0.46	20.31 -1.64 1.64	22.57 -1.43 0.00	24.15 -1.12 0.00	24.51 -0.68 0.00	24.03 -0.67 0.00	29.05 -0.22 -3.82	24.33 -1.01 -0.91	24.12 -0.69 0.00	25.70 -0.98 0.00	30.31 -1.17 0.00	36.35 -1.58 0.00	32.70 -2.54 3.13	28.55 -2.32 0.53	24.54 -1.86 0.00	21.46 -2.03 3.42	14.31 -1.79 9.25
HUNTLEY___64 23558	20.35 -1.60 0.47	15.81 -1.23 0.00	17.93 -1.69 1.78	15.22 -1.55 1.18	14.89 -1.53 1.49	14.81 -1.41 0.99	18.77 -1.63 0.34	22.56 -1.87 0.46	20.31 -1.64 1.64	22.57 -1.43 0.00	24.15 -1.12 0.00	24.51 -0.68 0.00	24.03 -0.67 0.00	29.05 -0.22 -3.82	24.33 -1.01 -0.91	24.12 -0.69 0.00	25.70 -0.98 0.00	30.31 -1.17 0.00	36.35 -1.58 0.00	32.70 -2.54 3.13	28.55 -2.32 0.53	24.54 -1.86 0.00	21.46 -2.03 3.42	14.31 -1.79 9.25
HUNTLEY___65 23559	20.35 -1.60 0.47	15.81 -1.23 0.00	17.93 -1.69 1.78	15.22 -1.55 1.18	14.89 -1.53 1.49	14.81 -1.41 0.99	18.77 -1.63 0.34	22.56 -1.87 0.46	20.31 -1.64 1.64	22.57 -1.43 0.00	24.15 -1.12 0.00	24.51 -0.68 0.00	24.03 -0.67 0.00	29.05 -0.22 -3.82	24.33 -1.01 -0.91	24.12 -0.69 0.00	25.70 -0.98 0.00	30.31 -1.17 0.00	36.35 -1.58 0.00	32.70 -2.54 3.13	28.55 -2.32 0.53	24.54 -1.86 0.00	21.46 -2.03 3.42	14.31 -1.79 9.25
HUNTLEY___66 23560	20.35 -1.60 0.47	15.81 -1.23 0.00	17.93 -1.69 1.78	15.22 -1.55 1.18	14.89 -1.53 1.49	14.81 -1.41 0.99	18.77 -1.63 0.34	22.56 -1.87 0.46	20.31 -1.64 1.64	22.57 -1.43 0.00	24.15 -1.12 0.00	24.51 -0.68 0.00	24.03 -0.67 0.00	29.05 -0.22 -3.82	24.33 -1.01 -0.91	24.12 -0.69 0.00	25.70 -0.98 0.00	30.31 -1.17 0.00	36.35 -1.58 0.00	32.70 -2.54 3.13	28.55 -2.32 0.53	24.54 -1.86 0.00	21.46 -2.03 3.42	14.31 -1.79 9.25

HUNTLEY___67 23561	20.17 -1.76 0.49	15.71 -1.33 0.00	17.73 -1.84 1.84	15.07 -1.66 1.22	14.74 -1.63 1.53	14.65 -1.53 1.03	18.61 -1.79 0.35	22.38 -2.04 0.48	20.07 -1.82 1.69	22.43 -1.57 0.00	23.99 -1.27 0.00	24.37 -0.82 0.00	23.90 -0.79 0.00	23.14 -0.50 1.82	23.00 -1.13 0.30	23.97 -0.84 0.00	25.53 -1.14 0.00	30.10 -1.38 0.00	36.10 -1.83 0.00	32.15 -2.74 3.48	28.30 -2.51 0.59	24.35 -2.04 0.00	21.09 -2.28 3.54	13.73 -2.05 9.57
HUNTLEY___68 23562	20.17 -1.76 0.49	15.71 -1.33 0.00	17.73 -1.84 1.84	15.07 -1.66 1.22	14.74 -1.63 1.53	14.65 -1.53 1.03	18.61 -1.79 0.35	22.38 -2.04 0.48	20.07 -1.82 1.69	22.43 -1.57 0.00	23.99 -1.27 0.00	24.37 -0.82 0.00	23.90 -0.79 0.00	23.14 -0.50 1.82	23.00 -1.13 0.30	23.97 -0.84 0.00	25.53 -1.14 0.00	30.10 -1.38 0.00	36.10 -1.83 0.00	32.15 -2.74 3.48	28.30 -2.51 0.59	24.35 -2.04 0.00	21.09 -2.28 3.54	13.73 -2.05 9.57
HYLAND___LFGE 323620	21.51 -0.25 0.65	16.79 -0.25 0.00	18.48 -0.46 2.46	15.82 -0.50 1.63	15.38 -0.47 2.05	15.49 -0.35 1.37	20.03 -0.25 0.46	24.15 -0.11 0.63	21.01 -0.33 2.24	23.34 -0.65 0.00	24.79 -0.47 0.00	25.11 -0.08 0.00	24.67 -0.03 0.00	25.46 0.00 0.00	24.16 -0.27 0.00	24.80 -0.01 0.00	26.62 -0.05 0.00	31.53 0.05 0.00	38.30 0.37 0.00	38.19 0.66 0.83	31.64 0.37 0.14	26.47 0.08 0.00	21.90 -0.33 4.67	12.29 -0.43 12.64
INDECK___CORINTH 23802	23.79 1.37 0.00	17.97 0.93 0.00	22.68 1.28 0.00	19.07 1.12 0.00	19.03 1.13 0.00	18.32 1.11 0.00	22.17 1.43 0.00	26.65 1.76 0.00	25.13 1.54 0.00	25.35 1.36 0.00	26.39 1.13 0.00	26.17 0.98 0.00	25.53 0.83 0.00	26.28 0.83 0.00	25.30 0.87 0.00	25.96 1.14 0.00	28.15 1.48 0.00	33.40 1.92 0.00	40.79 2.86 0.00	41.32 3.03 0.07	34.08 2.69 0.01	28.60 2.20 0.00	28.99 2.08 0.00	27.10 1.75 0.00
INDECK___ILION 23567	22.35 -0.06 0.00	17.04 0.00 0.00	21.46 0.06 0.00	18.06 0.11 0.00	18.02 0.12 0.00	17.34 0.13 0.00	20.86 0.12 0.00	24.98 0.09 0.00	23.47 -0.12 0.00	23.70 -0.29 0.00	24.91 -0.35 0.00	24.79 -0.41 0.00	24.31 -0.39 0.00	25.03 -0.42 0.00	24.14 -0.30 0.00	24.60 -0.21 0.00	26.61 -0.06 0.00	31.52 0.04 0.00	38.22 0.29 0.00	38.95 0.58 0.00	31.90 0.49 0.00	26.79 0.39 0.00	27.14 0.23 0.00	25.45 0.10 0.00
INDECK___OLEAN 23982	20.19 -1.53 0.70	15.92 -1.12 0.00	17.29 -1.46 2.65	14.92 -1.27 1.76	14.43 -1.26 2.21	14.56 -1.18 1.48	18.89 -1.35 0.50	22.78 -1.42 0.69	19.90 -1.26 2.42	22.90 -1.09 0.00	24.40 -0.86 0.00	24.78 -0.42 0.00	24.38 -0.32 0.00	24.72 0.05 0.79	24.14 -0.30 0.00	24.85 0.04 0.00	26.49 -0.19 0.00	31.34 -0.14 0.00	37.47 -0.46 0.00	34.70 -0.95 2.72	29.78 -1.16 0.46	25.24 -1.15 0.00	20.22 -1.57 5.12	9.93 -1.59 13.84
INDECK___OSWEGO 23783	21.96 -0.45 0.00	16.70 -0.34 0.00	20.97 -0.43 0.00	17.59 -0.36 0.00	17.55 -0.35 0.00	16.88 -0.34 0.00	20.33 -0.40 0.00	24.33 -0.57 0.00	23.04 -0.54 0.00	23.44 -0.55 0.00	24.66 -0.61 0.00	24.63 -0.56 0.00	24.14 -0.56 0.00	24.88 -0.58 0.00	23.90 -0.54 0.00	24.33 -0.48 0.00	26.19 -0.48 0.00	31.01 -0.48 0.00	37.42 -0.51 0.00	37.82 -0.54 0.00	30.87 -0.54 0.00	25.88 -0.52 0.00	26.28 -0.64 0.00	24.89 -0.47 0.00
INDECK___YERKES 23781	20.37 -1.57 0.47	15.83 -1.21 0.00	17.96 -1.66 1.78	15.24 -1.54 1.18	14.91 -1.51 1.49	14.83 -1.39 0.99	18.79 -1.61 0.34	22.59 -1.84 0.46	20.33 -1.62 1.64	22.59 -1.40 0.00	24.18 -1.09 0.00	24.54 -0.65 0.00	24.06 -0.64 0.00	29.09 -0.19 -3.82	24.36 -0.98 -0.91	24.15 -0.66 0.00	25.73 -0.94 0.00	30.35 -1.13 0.00	36.39 -1.53 0.00	32.73 -2.51 3.13	28.59 -2.28 0.53	24.57 -1.83 0.00	21.48 -2.02 3.42	14.31 -1.80 9.25
INDIAN POINT_GT_1 24139	22.96 0.54 0.00	17.42 0.39 0.00	21.88 0.48 0.00	18.44 0.48 0.00	18.37 0.47 0.00	17.66 0.45 0.00	21.35 0.62 0.00	25.73 0.84 0.00	24.41 0.82 0.00	24.79 0.80 0.00	26.20 0.94 0.00	26.15 0.96 0.00	25.71 1.01 0.00	26.53 1.07 0.00	25.65 1.22 0.00	26.30 1.49 0.00	28.31 1.64 0.00	33.47 1.99 0.00	40.03 2.10 0.00	40.28 2.00 0.09	33.00 1.61 0.02	27.72 1.33 0.00	28.04 1.13 0.00	26.26 0.90 0.00
INDIAN POINT_GT_2 23659	22.96 0.54 0.00	17.42 0.39 0.00	21.88 0.48 0.00	18.44 0.48 0.00	18.37 0.47 0.00	17.66 0.45 0.00	21.35 0.62 0.00	25.73 0.84 0.00	24.41 0.82 0.00	24.79 0.80 0.00	26.20 0.94 0.00	26.15 0.96 0.00	25.71 1.01 0.00	26.53 1.07 0.00	25.65 1.22 0.00	26.30 1.49 0.00	28.31 1.64 0.00	33.47 1.99 0.00	40.03 2.10 0.00	40.28 2.00 0.09	33.00 1.61 0.02	27.72 1.33 0.00	28.04 1.13 0.00	26.26 0.90 0.00
INDIAN POINT_GT_3 24019	22.96 0.54 0.00	17.42 0.39 0.00	21.88 0.48 0.00	18.44 0.48 0.00	18.37 0.47 0.00	17.66 0.45 0.00	21.35 0.62 0.00	25.73 0.84 0.00	24.41 0.82 0.00	24.79 0.80 0.00	26.20 0.94 0.00	26.15 0.96 0.00	25.71 1.01 0.00	26.53 1.07 0.00	25.65 1.22 0.00	26.30 1.49 0.00	28.31 1.64 0.00	33.47 1.99 0.00	40.03 2.10 0.00	40.28 2.00 0.09	33.00 1.61 0.02	27.72 1.33 0.00	28.04 1.13 0.00	26.26 0.90 0.00
INDIAN POINT___2 23530	22.92 0.51 0.00	17.39 0.36 0.00	21.84 0.44 0.00	18.40 0.45 0.00	18.34 0.44 0.00	17.63 0.42 0.00	21.32 0.58 0.00	25.69 0.79 0.00	24.37 0.79 0.00	24.76 0.77 0.00	26.16 0.90 0.00	26.12 0.93 0.00	25.68 0.98 0.00	26.50 1.04 0.00	25.62 1.19 0.00	26.28 1.47 0.00	28.28 1.61 0.00	33.45 1.96 0.00	39.99 2.06 0.00	40.23 1.96 0.09	32.96 1.57 0.02	27.69 1.30 0.00	28.02 1.10 0.00	26.25 0.89 0.00
INDIAN POINT___3 23531	22.94 0.53 0.00	17.41 0.38 0.00	21.87 0.47 0.00	18.42 0.47 0.00	18.37 0.46 0.00	17.65 0.43 0.00	21.34 0.60 0.00	25.71 0.82 0.00	24.39 0.81 0.00	24.78 0.79 0.00	26.18 0.92 0.00	26.13 0.93 0.00	25.69 0.99 0.00	26.51 1.05 0.00	25.62 1.19 0.00	26.29 1.48 0.00	28.29 1.62 0.00	33.44 1.96 0.00	39.99 2.06 0.00	40.25 1.97 0.09	32.97 1.58 0.02	27.70 1.30 0.00	28.03 1.12 0.00	26.25 0.89 0.00
INGHAM_C_115KV_TB7 356103	22.21 -0.21 0.00	16.99 -0.05 0.00	21.45 0.05 0.00	18.14 0.18 0.00	18.10 0.20 0.00	17.44 0.23 0.00	20.93 0.19 0.00	24.99 0.09 0.00	23.19 -0.40 0.00	23.15 -0.84 0.00	24.27 -0.99 0.00	24.08 -1.11 0.00	23.62 -1.08 0.00	24.29 -1.17 0.00	23.56 -0.88 0.00	24.09 -0.72 0.00	26.26 -0.41 0.00	31.20 -0.28 0.00	38.20 0.27 0.00	39.35 0.98 0.00	32.29 0.88 0.00	27.13 0.73 0.00	27.33 0.42 0.00	25.48 0.12 0.00
IP CORINTH___1 23988	23.79 1.37 0.00	17.97 0.93 0.00	22.68 1.28 0.00	19.07 1.12 0.00	19.03 1.13 0.00	18.32 1.11 0.00	22.17 1.43 0.00	26.65 1.76 0.00	25.13 1.54 0.00	25.35 1.36 0.00	26.39 1.13 0.00	26.17 0.98 0.00	25.53 0.83 0.00	26.28 0.83 0.00	25.30 0.87 0.00	25.96 1.14 0.00	28.15 1.48 0.00	33.40 1.92 0.00	40.79 2.86 0.00	41.32 3.03 0.07	34.08 2.69 0.01	28.60 2.20 0.00	28.99 2.08 0.00	27.10 1.74 0.00

IP___TICONDEROGA 23804	24.96 2.55 0.00	18.53 1.50 0.00	23.45 2.05 0.00	19.75 1.80 0.00	19.73 1.83 0.00	19.02 1.81 0.00	23.18 2.45 0.00	27.95 3.06 0.00	26.27 2.68 0.00	26.39 2.40 0.00	27.43 2.17 0.00	27.03 1.84 0.00	26.36 1.66 0.00	27.11 1.65 0.00	26.10 1.67 0.00	27.00 2.19 0.00	29.44 2.77 0.00	34.75 3.27 0.00	42.59 4.67 0.00	43.29 4.99 0.07	35.72 4.32 0.01	30.01 3.62 0.00	30.49 3.58 0.00	28.31 2.96 0.00
ISLIP_RES_REC 323679	23.46 1.05 0.00	17.75 0.72 0.00	22.28 0.87 0.00	18.80 0.85 0.00	18.73 0.82 0.00	18.07 0.86 0.00	23.84 1.27 -1.83	29.50 1.64 -2.97	25.09 1.51 0.00	25.36 1.36 0.00	26.73 1.46 0.00	26.60 1.41 0.00	26.27 1.57 0.00	27.24 1.79 0.00	26.38 1.95 0.00	27.01 2.20 0.00	29.00 2.33 0.00	34.12 2.64 0.00	40.55 2.62 0.00	40.87 2.60 0.09	33.75 2.36 0.02	28.31 1.92 0.00	28.76 1.85 0.00	26.81 1.46 0.00
JAMAICA__27_KV_LOAD 355505	23.25 0.83 0.00	17.64 0.60 0.00	22.14 0.74 0.00	18.66 0.71 0.00	18.59 0.69 0.00	17.89 0.67 0.00	21.65 0.91 0.00	26.05 1.16 0.00	24.75 1.17 0.00	25.18 1.18 0.00	26.59 1.33 0.00	26.57 1.38 0.00	26.11 1.41 0.00	26.98 1.52 0.00	26.08 1.65 0.00	26.77 1.96 0.00	28.77 2.10 0.00	34.01 2.53 0.00	40.56 2.63 0.00	40.83 2.55 0.09	33.46 2.07 0.02	28.08 1.68 0.00	28.41 1.50 0.00	26.60 1.24 0.00
JANIS___SOLAR 323808	24.57 0.51 -1.65	17.33 0.29 0.00	28.03 0.39 -6.24	22.38 0.30 -4.13	23.42 0.33 -5.20	21.14 0.45 -3.48	22.60 0.69 -1.18	27.23 0.86 -1.47	29.33 0.54 -5.21	24.28 0.29 0.00	25.48 0.21 0.00	25.44 0.24 0.00	24.95 0.25 0.00	25.73 0.27 0.00	24.65 0.22 0.00	25.24 0.43 0.00	27.33 0.66 0.00	32.53 1.05 0.00	39.67 1.75 0.00	39.68 1.85 0.54	32.56 1.24 0.09	27.14 0.74 0.00	39.11 0.40 -11.79	57.57 0.33 -31.89
JARVIS____ 23743	22.40 -0.01 0.00	17.04 0.00 0.00	21.42 0.02 0.00	17.99 0.04 0.00	17.94 0.04 0.00	17.25 0.04 0.00	20.77 0.03 0.00	24.92 0.03 0.00	23.59 0.01 0.00	23.99 0.00 0.00	25.25 -0.02 0.00	25.18 -0.02 0.00	24.67 -0.03 0.00	25.43 -0.02 0.00	24.44 0.00 0.00	24.85 0.04 0.00	26.74 0.07 0.00	31.58 0.09 0.00	38.07 0.14 0.00	38.53 0.16 0.00	31.51 0.10 0.00	26.48 0.08 0.00	26.94 0.03 0.00	25.38 0.03 0.00
JENNISON___1 23625	23.32 0.49 -0.41	17.24 0.20 0.00	23.35 0.39 -1.56	19.29 0.31 -1.03	19.53 0.33 -1.30	18.54 0.46 -0.87	21.72 0.69 -0.29	26.18 0.88 -0.41	25.72 0.69 -1.44	24.60 0.61 0.00	25.88 0.62 0.00	25.84 0.65 0.00	25.36 0.66 0.00	26.16 0.71 0.00	25.05 0.61 0.00	25.61 0.80 0.00	27.67 1.00 0.00	32.77 1.29 0.00	39.63 1.70 0.00	39.40 1.55 0.52	32.04 0.72 0.09	26.65 0.26 0.00	29.77 -0.02 -2.87	33.18 0.05 -7.77
JENNISON___2 23626	23.32 0.49 -0.41	17.24 0.20 0.00	23.35 0.39 -1.56	19.29 0.31 -1.03	19.53 0.33 -1.30	18.54 0.46 -0.87	21.72 0.69 -0.29	26.18 0.88 -0.41	25.72 0.69 -1.44	24.60 0.61 0.00	25.88 0.62 0.00	25.84 0.65 0.00	25.36 0.66 0.00	26.16 0.71 0.00	25.05 0.61 0.00	25.61 0.80 0.00	27.67 1.00 0.00	32.77 1.29 0.00	39.63 1.70 0.00	39.40 1.55 0.52	32.04 0.72 0.09	26.65 0.26 0.00	29.77 -0.02 -2.87	33.18 0.05 -7.77
JERICHO_RISE_WT_PWR 323719	22.86 0.44 0.00	17.18 0.14 0.00	21.46 0.05 0.00	17.99 0.04 0.00	17.87 -0.03 0.00	17.17 -0.04 0.00	20.60 -0.14 0.00	24.85 -0.05 0.00	23.67 0.09 0.00	24.19 0.20 0.00	25.48 0.21 0.00	25.40 0.21 0.00	24.94 0.25 0.00	25.70 0.25 0.00	24.57 0.14 0.00	24.88 0.07 0.00	26.60 -0.07 0.00	30.98 -0.50 0.00	37.43 -0.50 0.00	38.01 -0.37 0.00	30.93 -0.48 0.00	25.73 -0.66 0.00	26.45 -0.46 0.00	25.03 -0.33 0.00
KATONAH__115KV_46KV_TB4 355592	23.12 0.70 0.00	17.54 0.50 0.00	22.02 0.62 0.00	18.55 0.60 0.00	18.50 0.60 0.00	17.79 0.58 0.00	21.52 0.78 0.00	25.92 1.03 0.00	24.60 1.01 0.00	24.99 1.00 0.00	26.39 1.13 0.00	26.33 1.14 0.00	25.89 1.19 0.00	26.72 1.26 0.00	25.81 1.37 0.00	26.47 1.66 0.00	28.49 1.82 0.00	33.68 2.20 0.00	40.32 2.39 0.00	40.58 2.30 0.09	33.25 1.86 0.02	27.91 1.52 0.00	28.23 1.32 0.00	26.40 1.05 0.00
KCE_NY_1 323755	23.42 1.01 0.00	17.79 0.75 0.00	22.47 1.07 0.00	18.85 0.90 0.00	18.82 0.91 0.00	18.11 0.89 0.00	21.85 1.11 0.00	26.24 1.35 0.00	24.72 1.14 0.00	25.03 1.04 0.00	26.19 0.92 0.00	26.00 0.81 0.00	25.47 0.77 0.00	26.20 0.74 0.00	25.21 0.78 0.00	25.82 1.01 0.00	27.94 1.27 0.00	33.13 1.65 0.00	40.21 2.28 0.00	40.75 2.38 0.00	33.46 2.05 0.00	28.07 1.68 0.00	28.48 1.57 0.00	26.68 1.32 0.00
KCE_NY_6_ESR 323823	20.34 -1.55 0.52	15.86 -1.17 0.00	17.77 -1.64 1.99	15.13 -1.50 1.32	14.77 -1.47 1.66	14.74 -1.37 1.11	18.79 -1.57 0.37	22.63 -1.75 0.52	20.19 -1.57 1.83	22.70 -1.30 0.00	24.30 -0.96 0.00	24.71 -0.48 0.00	24.25 -0.45 0.00	25.18 -0.11 0.17	23.69 -0.74 0.00	24.39 -0.42 0.00	26.02 -0.66 0.00	30.68 -0.80 0.00	36.76 -1.16 0.00	33.18 -2.04 3.15	28.88 -1.99 0.54	24.71 -1.68 0.00	21.09 -1.99 3.82	13.17 -1.85 10.33
KEDC_PORT_JEFF_GT2 24210	23.35 0.94 0.00	17.68 0.64 0.00	22.17 0.77 0.00	18.72 0.77 0.00	18.66 0.75 0.00	17.99 0.78 0.00	23.74 1.17 -1.83	29.38 1.51 -2.97	24.95 1.37 0.00	25.22 1.23 0.00	26.59 1.33 0.00	26.46 1.27 0.00	26.12 1.42 0.00	27.08 1.62 0.00	26.22 1.78 0.00	26.81 2.00 0.00	28.65 1.98 0.00	33.70 2.22 0.00	40.06 2.13 0.00	40.40 2.13 0.09	33.52 2.13 0.02	28.14 1.74 0.00	28.59 1.68 0.00	26.68 1.32 0.00
KEDC_PORT_JEFF_GT3 24211	23.35 0.94 0.00	17.68 0.64 0.00	22.17 0.77 0.00	18.72 0.77 0.00	18.66 0.75 0.00	17.99 0.78 0.00	23.74 1.17 -1.83	29.38 1.51 -2.97	24.95 1.37 0.00	25.22 1.23 0.00	26.59 1.33 0.00	26.46 1.27 0.00	26.12 1.42 0.00	27.08 1.62 0.00	26.22 1.78 0.00	26.81 2.00 0.00	28.65 1.98 0.00	33.70 2.22 0.00	40.06 2.13 0.00	40.40 2.13 0.09	33.52 2.13 0.02	28.14 1.74 0.00	28.59 1.68 0.00	26.68 1.32 0.00
KEDC_GLWD_GT4 24219	23.31 0.90 0.00	17.68 0.64 0.00	22.16 0.76 0.00	18.69 0.74 0.00	18.63 0.72 0.00	17.95 0.73 0.00	23.64 1.06 -1.83	29.27 1.40 -2.97	24.90 1.32 0.00	25.24 1.25 0.00	26.71 1.44 0.00	26.64 1.45 0.00	26.24 1.55 0.00	27.13 1.67 0.00	26.22 1.78 0.00	26.74 1.93 0.00	28.71 2.04 0.00	33.74 2.26 0.00	40.22 2.29 0.00	40.44 2.16 0.09	33.22 1.83 0.02	27.92 1.53 0.00	28.36 1.45 0.00	26.68 1.32 0.00
KEDC_GLWD_GT5 24220	23.31 0.90 0.00	17.68 0.64 0.00	22.16 0.76 0.00	18.69 0.74 0.00	18.63 0.72 0.00	17.95 0.73 0.00	23.64 1.06 -1.83	29.27 1.40 -2.97	24.90 1.32 0.00	25.24 1.25 0.00	26.71 1.44 0.00	26.64 1.45 0.00	26.24 1.55 0.00	27.13 1.67 0.00	26.22 1.78 0.00	26.74 1.93 0.00	28.71 2.04 0.00	33.74 2.26 0.00	40.22 2.29 0.00	40.44 2.16 0.09	33.22 1.83 0.02	27.92 1.53 0.00	28.36 1.45 0.00	26.68 1.32 0.00

KENSICO____ 23655	23.03 0.61 0.00	17.47 0.44 0.00	21.95 0.54 0.00	18.49 0.54 0.00	18.43 0.53 0.00	17.71 0.50 0.00	21.42 0.68 0.00	25.81 0.91 0.00	24.49 0.91 0.00	24.88 0.89 0.00	26.30 1.03 0.00	26.23 1.04 0.00	25.80 1.10 0.00	26.63 1.17 0.00	25.74 1.30 0.00	26.40 1.59 0.00	28.40 1.73 0.00	33.57 2.09 0.00	40.14 2.21 0.00	40.37 2.10 0.09	33.09 1.70 0.02	27.80 1.40 0.00	28.12 1.21 0.00	26.33 0.97 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.92 0.51 0.00	17.38 0.34 0.00	21.81 0.41 0.00	18.36 0.41 0.00	18.30 0.40 0.00	17.62 0.40 0.00	21.32 0.59 0.00	25.71 0.81 0.00	24.35 0.77 0.00	24.69 0.70 0.00	26.02 0.75 0.00	25.93 0.73 0.00	25.48 0.78 0.00	26.29 0.84 0.00	25.41 0.98 0.00	26.08 1.27 0.00	28.13 1.46 0.00	33.35 1.87 0.00	40.04 2.10 0.00	40.33 2.06 0.10	33.03 1.64 0.02	27.71 1.31 0.00	27.99 1.08 0.00	26.20 0.84 0.00
KIAC_JFK_GT1 23816	23.12 0.70 0.00	17.55 0.51 0.00	22.02 0.62 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.79 0.58 0.00	21.53 0.79 0.00	25.91 1.01 0.00	24.62 1.03 0.00	25.03 1.04 0.00	26.44 1.18 0.00	26.42 1.22 0.00	25.96 1.26 0.00	26.82 1.36 0.00	25.93 1.50 0.00	26.58 1.77 0.00	28.50 1.82 0.00	33.67 2.19 0.00	40.17 2.24 0.00	40.43 2.15 0.09	33.14 1.75 0.02	27.81 1.42 0.00	28.22 1.31 0.00	26.44 1.08 0.00
KIAC_JFK_GT2 23817	23.12 0.70 0.00	17.55 0.51 0.00	22.02 0.62 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.79 0.58 0.00	21.53 0.79 0.00	25.91 1.01 0.00	24.62 1.03 0.00	25.03 1.04 0.00	26.44 1.18 0.00	26.42 1.22 0.00	25.96 1.26 0.00	26.82 1.36 0.00	25.93 1.50 0.00	26.58 1.77 0.00	28.50 1.82 0.00	33.67 2.19 0.00	40.17 2.24 0.00	40.43 2.15 0.09	33.14 1.75 0.02	27.81 1.42 0.00	28.22 1.31 0.00	26.44 1.08 0.00
KIAC_JFK____ 323774	23.12 0.70 0.00	17.55 0.51 0.00	22.02 0.61 0.00	18.56 0.61 0.00	18.49 0.59 0.00	17.79 0.58 0.00	21.53 0.79 0.00	25.91 1.01 0.00	24.62 1.03 0.00	25.03 1.04 0.00	26.44 1.18 0.00	26.42 1.22 0.00	25.96 1.26 0.00	26.82 1.37 0.00	25.93 1.50 0.00	26.58 1.77 0.00	28.49 1.82 0.00	33.67 2.19 0.00	40.17 2.24 0.00	40.43 2.16 0.09	33.14 1.75 0.02	27.82 1.42 0.00	28.22 1.31 0.00	26.46 1.10 0.00
KINTIGH____ 23543	20.51 -1.53 0.37	15.88 -1.16 0.00	18.40 -1.59 1.42	15.58 -1.43 0.94	15.32 -1.40 1.18	15.11 -1.32 0.79	18.93 -1.54 0.27	22.74 -1.78 0.37	20.69 -1.59 1.30	22.58 -1.41 0.00	24.07 -1.19 0.00	24.38 -0.82 0.00	23.90 -0.79 0.00	23.72 -0.61 1.12	22.97 -1.06 0.40	23.98 -0.83 0.00	25.61 -1.07 0.00	30.24 -1.24 0.00	36.32 -1.61 0.00	37.86 -2.41 -1.90	29.57 -2.16 -0.32	24.64 -1.76 0.00	22.22 -1.97 2.71	16.24 -1.78 7.34
KNTFSRNC_46_KV_46KV_LOAD 80397	23.33 0.91 0.00	17.52 0.48 0.00	21.96 0.56 0.00	18.42 0.47 0.00	18.31 0.41 0.00	17.58 0.37 0.00	21.09 0.36 0.00	25.34 0.45 0.00	24.04 0.45 0.00	24.48 0.48 0.00	25.77 0.51 0.00	25.67 0.48 0.00	25.23 0.53 0.00	25.99 0.54 0.00	24.88 0.44 0.00	25.31 0.49 0.00	27.08 0.41 0.00	31.41 -0.07 0.00	37.87 -0.06 0.00	38.50 0.13 0.00	31.39 -0.02 0.00	26.08 -0.32 0.00	26.75 -0.16 0.00	25.30 -0.06 0.00
LACHUTE__HYDRO 323717	24.96 2.55 0.00	18.53 1.50 0.00	23.46 2.05 0.00	19.75 1.80 0.00	19.73 1.83 0.00	19.02 1.81 0.00	23.18 2.44 0.00	27.94 3.05 0.00	26.27 2.68 0.00	26.40 2.40 0.00	27.43 2.17 0.00	27.03 1.84 0.00	26.36 1.66 0.00	27.11 1.65 0.00	26.10 1.67 0.00	27.00 2.19 0.00	29.44 2.77 0.00	34.75 3.27 0.00	42.59 4.66 0.00	43.29 4.99 0.07	35.72 4.32 0.01	30.01 3.62 0.00	30.49 3.58 0.00	28.31 2.96 0.00
LAWRNCV_115KV_TB1 80681	22.27 -0.15 0.00	16.86 -0.18 0.00	21.10 -0.30 0.00	17.63 -0.32 0.00	17.57 -0.33 0.00	16.87 -0.34 0.00	20.42 -0.31 0.00	24.56 -0.33 0.00	23.20 -0.39 0.00	23.62 -0.37 0.00	24.87 -0.39 0.00	24.73 -0.46 0.00	24.23 -0.47 0.00	24.96 -0.49 0.00	23.80 -0.64 0.00	23.96 -0.85 0.00	25.65 -1.02 0.00	30.09 -1.39 0.00	36.56 -1.37 0.00	37.43 -0.94 0.00	30.68 -0.73 0.00	25.72 -0.67 0.00	26.47 -0.44 0.00	24.93 -0.42 0.00
LEDERLE____ 23769	22.99 0.58 0.00	17.45 0.41 0.00	21.91 0.50 0.00	18.46 0.50 0.00	18.39 0.48 0.00	17.68 0.47 0.00	21.39 0.65 0.00	25.79 0.89 0.00	24.46 0.88 0.00	24.86 0.87 0.00	26.28 1.02 0.00	26.24 1.05 0.00	25.80 1.10 0.00	26.63 1.17 0.00	25.76 1.32 0.00	26.44 1.63 0.00	28.47 1.80 0.00	33.67 2.19 0.00	40.26 2.33 0.10	40.49 2.21 0.00	33.14 1.75 0.02	27.83 1.43 0.00	28.14 1.23 0.00	26.35 1.00 0.00
LIGHTHSE_115KV_TB6 355974	22.07 -0.34 0.00	16.79 -0.25 0.00	21.08 -0.33 0.00	17.69 -0.27 0.00	17.65 -0.25 0.00	16.92 -0.29 0.00	20.47 -0.27 0.00	24.46 -0.43 0.00	23.14 -0.44 0.00	23.57 -0.42 0.00	24.78 -0.48 0.00	24.75 -0.45 0.00	24.25 -0.46 0.00	25.01 -0.45 0.00	23.96 -0.47 0.00	24.30 -0.51 0.00	26.16 -0.51 0.00	31.12 -0.36 0.00	37.81 -0.11 0.00	38.44 0.07 0.00	31.26 -0.15 0.00	26.13 -0.26 0.00	26.58 -0.33 0.00	25.14 -0.22 0.00
LINDEN COGEN____ 23786	23.01 0.60 0.00	17.46 0.42 0.00	21.91 0.51 0.00	18.46 0.51 0.00	18.38 0.47 0.00	17.63 0.42 0.00	21.34 0.60 0.00	25.72 0.83 0.00	24.42 0.84 0.00	24.81 0.82 0.00	26.22 0.96 0.00	26.18 0.98 0.00	25.63 1.06 0.13	26.52 1.13 0.06	25.73 1.29 0.00	26.44 1.63 0.00	28.44 1.77 0.00	33.63 2.15 0.00	40.13 2.21 0.00	40.34 2.06 0.09	33.03 1.64 0.02	27.78 1.39 0.00	28.09 1.18 0.00	26.33 0.97 0.00
LINDHRST_69_KV_BK1 356055	23.48 1.06 0.00	17.79 0.75 0.00	22.31 0.91 0.00	18.82 0.87 0.00	18.76 0.85 0.00	18.08 0.87 0.00	23.84 1.27 -1.83	29.50 1.64 -2.97	25.12 1.53 0.00	25.39 1.40 0.00	26.82 1.55 0.00	26.71 1.52 0.00	26.32 1.62 0.00	27.21 1.75 0.00	26.31 1.87 0.00	26.93 2.12 0.00	28.89 2.22 0.00	34.06 2.58 0.00	40.57 2.64 0.00	40.84 2.56 0.09	33.64 2.25 0.02	28.29 1.89 0.00	28.78 1.87 0.00	26.84 1.48 0.00
LIPA_MISC_IPP 23656	23.27 0.85 0.00	17.63 0.59 0.00	22.11 0.70 0.00	18.67 0.72 0.00	18.60 0.70 0.00	17.95 0.73 0.00	23.67 1.10 -1.83	29.27 1.41 -2.97	24.85 1.27 0.00	25.09 1.09 0.00	26.43 1.17 0.00	26.27 1.07 0.00	25.96 1.26 0.00	26.92 1.46 0.00	26.05 1.61 0.00	26.65 1.84 0.00	28.63 1.96 0.00	33.65 2.17 0.00	39.97 2.05 0.00	40.36 2.08 0.09	33.31 1.92 0.02	27.96 1.57 0.00	28.48 1.56 0.00	26.54 1.18 0.00
LISF__SOLAR 323691	23.31 0.90 0.00	17.65 0.61 0.00	22.13 0.73 0.00	18.69 0.74 0.00	18.63 0.73 0.00	17.97 0.76 0.00	23.71 1.14 -1.83	29.31 1.45 -2.97	24.88 1.29 0.00	25.10 1.11 0.00	26.44 1.17 0.00	26.27 1.08 0.00	25.96 1.26 0.00	26.93 1.47 0.00	26.06 1.63 0.00	26.67 1.86 0.00	28.67 2.00 0.00	33.71 2.23 0.00	40.06 2.13 0.00	40.44 2.16 0.09	33.38 1.99 0.02	28.03 1.64 0.00	28.53 1.62 0.00	26.61 1.25 0.00

LITTLE FALLS___HYD 24013	22.21 -0.21 0.00	16.99 -0.05 0.00	21.45 0.05 0.00	18.14 0.18 0.00	18.10 0.20 0.00	17.44 0.23 0.00	20.93 0.19 0.00	24.99 0.09 0.00	23.19 -0.40 0.00	23.15 -0.84 0.00	24.27 -0.99 0.00	24.08 -1.11 0.00	23.62 -1.08 0.00	24.29 -1.17 0.00	23.56 -0.88 0.00	24.09 -0.72 0.00	26.26 -0.41 0.00	31.20 -0.28 0.00	38.20 0.27 0.00	39.35 0.98 0.00	32.29 0.88 0.00	27.13 0.73 0.00	27.33 0.42 0.00	25.48 0.12 0.00
LITTLRIV_115KV_TB1 356100	22.56 0.14 0.00	17.08 0.04 0.00	21.35 -0.05 0.00	17.83 -0.13 0.00	17.77 -0.13 0.00	17.08 -0.13 0.00	20.70 -0.04 0.00	24.89 -0.01 0.00	23.42 -0.17 0.00	23.78 -0.21 0.00	25.04 -0.22 0.00	24.88 -0.31 0.00	24.37 -0.33 0.00	25.12 -0.34 0.00	23.93 -0.50 0.00	24.05 -0.76 0.00	25.77 -0.90 0.00	30.26 -1.22 0.00	36.94 -0.99 0.00	37.98 -0.38 0.00	31.18 -0.22 0.00	26.11 -0.28 0.00	26.85 -0.06 0.00	25.26 -0.10 0.00
LI_NEWBRDGE___DRP 323616	23.15 0.73 0.00	17.56 0.52 0.00	22.02 0.62 0.00	18.58 0.62 0.00	18.51 0.61 0.00	17.83 0.61 0.00	23.48 0.91 -1.83	29.07 1.20 -2.97	24.70 1.12 0.00	25.02 1.03 0.00	26.46 1.19 0.00	26.37 1.18 0.00	25.97 1.27 0.00	26.84 1.38 0.00	25.95 1.51 0.00	26.53 1.72 0.00	28.50 1.83 0.00	33.60 2.11 0.00	40.03 2.11 0.00	40.30 2.02 0.09	33.13 1.74 0.02	27.86 1.47 0.00	28.30 1.39 0.00	26.45 1.09 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.29 -1.69 0.44	15.75 -1.29 0.00	17.97 -1.78 1.66	15.24 -1.62 1.10	14.93 -1.59 1.38	14.80 -1.48 0.92	18.70 -1.72 0.31	22.49 -1.97 0.43	20.28 -1.78 1.52	22.34 -1.65 0.00	23.86 -1.40 0.00	24.14 -1.05 0.00	23.68 -1.02 0.00	37.74 -0.34 -12.62	25.88 -1.39 -2.84	23.76 -1.05 0.00	25.25 -1.42 0.00	29.79 -1.69 0.00	35.79 -2.14 0.00	32.76 -3.02 2.59	28.26 -2.71 0.44	24.36 -2.03 0.00	21.58 -2.16 3.18	14.86 -1.90 8.60
LOCKPORT___CC1 323769	20.26 -1.71 0.44	15.73 -1.31 0.00	17.92 -1.81 1.68	15.20 -1.64 1.11	14.89 -1.61 1.40	14.77 -1.50 0.94	18.67 -1.75 0.32	22.45 -2.01 0.44	20.21 -1.83 1.54	22.27 -1.72 0.00	23.77 -1.49 0.00	24.05 -1.14 0.00	23.58 -1.12 0.00	-23.88 -0.52 48.81	10.78 -1.50 12.16	23.64 -1.17 0.00	25.13 -1.54 0.00	29.64 -1.84 0.00	35.59 -2.34 0.00	32.43 -3.21 2.73	28.09 -2.85 0.46	24.30 -2.10 0.00	21.47 -2.22 3.22	14.66 -1.99 8.71
LOCKPORT___CC2 323770	20.26 -1.71 0.44	15.73 -1.31 0.00	17.92 -1.81 1.68	15.20 -1.64 1.11	14.89 -1.61 1.40	14.77 -1.50 0.94	18.67 -1.75 0.32	22.45 -2.01 0.44	20.21 -1.83 1.54	22.27 -1.72 0.00	23.77 -1.49 0.00	24.05 -1.14 0.00	23.58 -1.12 0.00	-23.88 -0.52 48.81	10.78 -1.50 12.16	23.64 -1.17 0.00	25.13 -1.54 0.00	29.64 -1.84 0.00	35.59 -2.34 0.00	32.43 -3.21 2.73	28.09 -2.85 0.46	24.30 -2.10 0.00	21.47 -2.22 3.22	14.66 -1.99 8.71
LOCKPORT___CC3 323771	20.26 -1.71 0.44	15.73 -1.31 0.00	17.92 -1.81 1.68	15.20 -1.64 1.11	14.89 -1.61 1.40	14.77 -1.50 0.94	18.67 -1.75 0.32	22.45 -2.01 0.44	20.21 -1.83 1.54	22.27 -1.72 0.00	23.77 -1.49 0.00	24.05 -1.14 0.00	23.58 -1.12 0.00	-23.88 -0.52 48.81	10.78 -1.50 12.16	23.64 -1.17 0.00	25.13 -1.54 0.00	29.64 -1.84 0.00	35.59 -2.34 0.00	32.43 -3.21 2.73	28.09 -2.85 0.46	24.30 -2.10 0.00	21.47 -2.22 3.22	14.66 -1.99 8.71
LONG_LAKE_PHOENIX 24014	22.02 -0.40 0.00	16.74 -0.30 0.00	21.02 -0.39 0.00	17.63 -0.33 0.00	17.58 -0.32 0.00	16.92 -0.30 0.00	20.39 -0.35 0.00	24.40 -0.49 0.00	23.11 -0.47 0.00	23.49 -0.51 0.00	24.70 -0.56 0.00	24.68 -0.52 0.00	24.19 -0.51 0.00	24.95 -0.51 0.00	23.95 -0.49 0.00	24.41 -0.40 0.00	26.30 -0.38 0.00	31.16 -0.32 0.00	37.56 -0.37 0.00	37.94 -0.43 0.00	30.99 -0.42 0.00	25.98 -0.41 0.00	26.35 -0.56 0.00	24.95 -0.41 0.00
LOVETT___3 23632	22.89 0.48 0.00	17.38 0.34 0.00	21.82 0.42 0.00	18.38 0.43 0.00	18.32 0.41 0.00	17.61 0.40 0.00	21.29 0.55 0.00	25.66 0.77 0.00	24.34 0.76 0.00	24.73 0.74 0.00	26.14 0.87 0.00	26.10 0.90 0.00	25.66 0.96 0.00	26.47 1.02 0.00	25.61 1.18 0.00	26.28 1.47 0.00	28.28 1.61 0.00	33.45 1.97 0.00	39.98 2.06 0.00	40.23 1.96 0.10	32.94 1.55 0.02	27.67 1.28 0.00	28.00 1.09 0.00	26.23 0.87 0.00
LOVETT___4 23642	22.89 0.48 0.00	17.38 0.34 0.00	21.82 0.42 0.00	18.38 0.43 0.00	18.32 0.41 0.00	17.61 0.40 0.00	21.29 0.55 0.00	25.66 0.77 0.00	24.34 0.76 0.00	24.73 0.74 0.00	26.14 0.87 0.00	26.10 0.90 0.00	25.66 0.96 0.00	26.47 1.02 0.00	25.61 1.18 0.00	26.28 1.47 0.00	28.28 1.61 0.00	33.45 1.97 0.00	39.98 2.06 0.00	40.23 1.96 0.10	32.94 1.55 0.02	27.67 1.28 0.00	28.00 1.09 0.00	26.23 0.87 0.00
LOVETT___5 23593	22.89 0.48 0.00	17.38 0.34 0.00	21.82 0.42 0.00	18.38 0.43 0.00	18.32 0.41 0.00	17.61 0.40 0.00	21.29 0.55 0.00	25.66 0.77 0.00	24.34 0.76 0.00	24.73 0.74 0.00	26.14 0.87 0.00	26.10 0.90 0.00	25.66 0.96 0.00	26.47 1.02 0.00	25.61 1.18 0.00	26.28 1.47 0.00	28.28 1.61 0.00	33.45 1.97 0.00	39.98 2.06 0.00	40.23 1.96 0.10	32.94 1.55 0.02	27.67 1.28 0.00	28.00 1.09 0.00	26.23 0.87 0.00
LOWER RAQUET___HYD 24057	22.10 -0.31 0.00	16.73 -0.31 0.00	20.94 -0.47 0.00	17.50 -0.45 0.00	17.43 -0.47 0.00	16.74 -0.48 0.00	20.27 -0.47 0.00	24.38 -0.52 0.00	23.01 -0.58 0.00	23.42 -0.57 0.00	24.66 -0.60 0.00	24.51 -0.68 0.00	24.00 -0.69 0.00	24.73 -0.73 0.00	23.56 -0.88 0.00	23.71 -1.10 0.00	25.40 -1.27 0.00	29.83 -1.66 0.00	36.31 -1.62 0.00	37.22 -1.15 0.00	30.48 -0.93 0.00	25.52 -0.88 0.00	26.27 -0.64 0.00	24.75 -0.61 0.00
LOWER___HUDSON 24059	23.06 0.65 0.00	17.56 0.52 0.00	22.17 0.77 0.00	18.63 0.68 0.00	18.59 0.69 0.00	17.86 0.65 0.00	21.47 0.73 0.00	25.76 0.87 0.00	24.37 0.78 0.00	24.70 0.71 0.00	25.90 0.64 0.00	25.72 0.53 0.00	25.18 0.48 0.00	25.90 0.44 0.00	24.90 0.46 0.00	25.39 0.58 0.00	27.46 0.79 0.00	32.49 1.00 0.00	39.31 1.38 0.00	39.97 1.60 0.00	32.78 1.37 0.00	27.51 1.12 0.00	27.96 1.05 0.00	26.24 0.88 0.00
LOWVILLE_115KV_TB2 356335	22.18 -0.24 0.00	16.96 -0.08 0.00	21.42 0.02 0.00	17.94 -0.01 0.00	17.86 -0.05 0.00	17.04 -0.17 0.00	20.74 0.00 0.00	24.76 -0.14 0.00	23.37 -0.21 0.00	23.86 -0.13 0.00	25.08 -0.18 0.00	24.92 -0.28 0.00	24.42 -0.28 0.00	25.17 -0.29 0.00	24.05 -0.38 0.00	24.32 -0.49 0.00	26.21 -0.46 0.00	31.23 -0.25 0.00	38.37 0.44 0.00	39.41 1.04 0.00	31.72 0.31 0.00	26.33 -0.06 0.00	26.90 -0.02 0.00	25.33 -0.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.43 1.02 0.00	17.79 0.75 0.00	22.44 1.04 0.00	18.85 0.90 0.00	18.82 0.91 0.00	18.11 0.89 0.00	21.83 1.10 0.00	26.21 1.32 0.00	24.72 1.14 0.00	25.01 1.02 0.00	26.19 0.92 0.00	26.00 0.81 0.00	25.45 0.75 0.00	26.20 0.74 0.00	25.21 0.77 0.00	25.80 0.98 0.00	27.92 1.25 0.00	33.10 1.62 0.00	40.17 2.24 0.00	40.76 2.39 0.00	33.45 2.04 0.00	28.06 1.66 0.00	28.46 1.56 0.00	26.67 1.32 0.00

LUTHERNY_35_KV_BK2 355980	23.42 1.01 0.00	17.79 0.75 0.00	22.47 1.07 0.00	18.85 0.90 0.00	18.82 0.91 0.00	18.11 0.90 0.00	21.85 1.11 0.00	26.25 1.35 0.00	24.72 1.14 0.00	25.03 1.04 0.00	26.19 0.92 0.00	26.00 0.81 0.00	25.47 0.77 0.00	26.20 0.74 0.00	25.21 0.78 0.00	25.82 1.01 0.00	27.94 1.27 0.00	33.13 1.65 0.00	40.21 2.28 0.00	40.75 2.38 0.00	33.46 2.05 0.00	28.07 1.68 0.00	28.48 1.57 0.00	26.68 1.32 0.00
LWR___OSWEGATCHIE_HYD 23850	22.06 -0.35 0.00	16.78 -0.26 0.00	21.07 -0.33 0.00	17.64 -0.31 0.00	17.57 -0.33 0.00	16.82 -0.39 0.00	20.43 -0.31 0.00	24.47 -0.43 0.00	23.05 -0.53 0.00	23.48 -0.51 0.00	24.76 -0.51 0.00	24.60 -0.60 0.00	24.08 -0.62 0.00	24.81 -0.65 0.00	23.67 -0.76 0.00	23.89 -0.93 0.00	25.67 -1.00 0.00	30.41 -1.07 0.00	37.22 -0.70 0.00	38.23 -0.15 0.00	31.03 -0.38 0.00	25.86 -0.54 0.00	26.51 -0.40 0.00	24.98 -0.38 0.00
LYONS_FALL_HYD 23570	22.41 -0.01 0.00	17.09 0.06 0.00	21.55 0.15 0.00	18.06 0.11 0.00	18.00 0.09 0.00	17.23 0.02 0.00	20.91 0.17 0.00	25.01 0.11 0.00	23.63 0.04 0.00	24.07 0.07 0.00	25.30 0.04 0.00	25.17 -0.02 0.00	24.67 -0.03 0.00	25.44 -0.01 0.00	24.35 -0.08 0.00	24.70 -0.11 0.00	26.63 -0.04 0.00	31.67 0.19 0.00	38.66 0.73 0.00	39.48 1.11 0.00	31.94 0.54 0.00	26.62 0.22 0.00	27.12 0.21 0.00	25.53 0.17 0.00
MADISON___COUNTY_LFGE 323628	22.75 0.34 0.00	17.29 0.25 0.00	21.73 0.32 0.00	18.22 0.27 0.00	18.19 0.28 0.00	17.51 0.30 0.00	21.17 0.43 0.00	25.38 0.48 0.00	23.97 0.39 0.00	24.31 0.32 0.00	25.56 0.30 0.00	25.49 0.29 0.00	25.00 0.30 0.00	25.82 0.37 0.00	24.77 0.33 0.00	25.24 0.43 0.00	27.24 0.57 0.00	32.31 0.82 0.00	39.14 1.21 0.00	39.69 1.32 0.00	32.34 0.93 0.00	27.05 0.66 0.00	27.42 0.51 0.00	25.79 0.43 0.00
MALONE___115KV_TB1 356076	22.84 0.43 0.00	17.18 0.14 0.00	21.46 0.06 0.00	17.98 0.03 0.00	17.88 -0.02 0.00	17.17 -0.04 0.00	20.67 -0.06 0.00	24.96 0.06 0.00	23.72 0.13 0.00	24.20 0.21 0.00	25.46 0.19 0.00	25.38 0.18 0.00	24.90 0.20 0.00	25.67 0.21 0.00	24.50 0.07 0.00	24.79 -0.02 0.00	26.52 -0.15 0.00	30.97 -0.51 0.00	37.52 -0.41 0.00	38.22 -0.16 0.00	31.17 -0.24 0.00	25.95 -0.45 0.00	26.64 -0.27 0.00	25.15 -0.20 0.00
MAPLEWOD_115KV_TB3 80458	22.86 0.44 0.00	17.46 0.43 0.00	22.01 0.61 0.00	18.52 0.57 0.00	18.47 0.57 0.00	17.74 0.53 0.00	21.28 0.54 0.00	25.53 0.63 0.00	24.17 0.59 0.00	24.52 0.52 0.00	25.76 0.49 0.00	25.60 0.41 0.00	25.07 0.37 0.00	25.77 0.32 0.00	24.81 0.38 0.00	25.32 0.50 0.00	27.37 0.69 0.00	32.37 0.89 0.00	39.08 1.15 0.00	39.60 1.30 0.07	32.50 1.11 0.01	27.28 0.89 0.00	27.70 0.79 0.00	26.02 0.66 0.00
MAPLE_RIDGE_WT_1 323574	22.16 -0.25 0.00	16.87 -0.17 0.00	21.20 -0.20 0.00	17.74 -0.21 0.00	17.70 -0.21 0.00	17.01 -0.20 0.00	20.54 -0.20 0.00	24.69 -0.20 0.00	23.45 -0.14 0.00	23.97 -0.02 0.00	25.21 -0.06 0.00	25.12 -0.07 0.00	24.59 -0.11 0.00	25.33 -0.13 0.00	24.22 -0.21 0.00	24.49 -0.32 0.00	26.23 -0.44 0.00	30.88 -0.60 0.00	37.37 -0.56 0.00	37.87 -0.50 0.00	30.83 -0.58 0.00	25.79 -0.61 0.00	26.21 -0.70 0.00	24.53 -0.82 0.00
MAPLE_RIDGE_WT_2 323611	22.16 -0.25 0.00	16.87 -0.17 0.00	21.20 -0.20 0.00	17.74 -0.21 0.00	17.70 -0.21 0.00	17.01 -0.20 0.00	20.54 -0.20 0.00	24.69 -0.20 0.00	23.45 -0.14 0.00	23.97 -0.02 0.00	25.21 -0.06 0.00	25.12 -0.07 0.00	24.59 -0.11 0.00	25.33 -0.13 0.00	24.22 -0.21 0.00	24.49 -0.32 0.00	26.23 -0.44 0.00	30.88 -0.60 0.00	37.37 -0.56 0.00	37.87 -0.50 0.00	30.83 -0.58 0.00	25.79 -0.61 0.00	26.21 -0.70 0.00	24.53 -0.82 0.00
MARBLE_RIVER_WT_PWR 323696	22.98 0.56 0.00	17.27 0.23 0.00	21.60 0.20 0.00	18.11 0.16 0.00	18.01 0.10 0.00	17.29 0.08 0.00	20.73 -0.01 0.00	24.96 0.07 0.00	23.75 0.17 0.00	24.25 0.25 0.00	25.54 0.27 0.00	25.46 0.27 0.00	25.01 0.31 0.00	25.77 0.31 0.00	24.65 0.22 0.00	25.01 0.20 0.00	26.75 0.07 0.00	31.10 -0.39 0.00	37.51 -0.42 0.00	38.08 -0.29 0.00	31.02 -0.39 0.00	25.78 -0.62 0.00	26.46 -0.45 0.00	25.06 -0.29 0.00
MARSHVLE_115KV_TB1 80742	23.61 1.19 0.00	17.85 0.82 0.00	22.37 0.97 0.00	18.73 0.77 0.00	18.69 0.78 0.00	18.00 0.79 0.00	21.86 1.12 0.00	26.11 1.22 0.00	24.33 0.75 0.00	24.53 0.54 0.00	25.85 0.59 0.00	25.79 0.59 0.00	25.33 0.63 0.00	26.28 0.83 0.00	25.32 0.89 0.00	25.80 0.99 0.00	27.74 1.07 0.00	32.91 1.43 0.00	40.11 2.18 0.00	40.62 2.37 0.12	33.25 1.87 0.02	27.97 1.58 0.00	28.35 1.44 0.00	26.66 1.30 0.00
MARSH_HILL_WT_PWR 323713	19.29 -1.55 1.57	15.82 -1.22 0.00	13.76 -1.69 5.96	12.39 -1.62 3.95	11.14 -1.80 4.96	12.28 -1.61 3.32	17.73 -1.89 1.12	21.26 -2.14 1.49	16.84 -1.49 5.25	23.23 -0.76 0.00	24.41 -0.86 0.00	25.04 -0.15 0.00	24.85 0.15 0.00	25.07 0.30 0.69	24.36 -0.07 0.00	25.02 0.20 0.00	26.69 0.02 0.00	31.60 0.12 0.00	38.22 0.29 0.00	36.94 0.28 1.70	30.17 -0.95 0.29	24.42 -1.98 0.00	12.79 -2.72 11.40	-8.22 -2.75 30.82
MCINTYRE_115KV_TB2 80467	22.94 0.52 0.00	17.36 0.33 0.00	21.70 0.29 0.00	18.10 0.15 0.00	18.06 0.15 0.00	17.37 0.15 0.00	21.05 0.31 0.00	25.37 0.47 0.00	23.82 0.23 0.00	24.12 0.13 0.00	25.36 0.09 0.00	25.21 0.02 0.00	24.69 -0.01 0.00	25.44 -0.02 0.00	24.25 -0.18 0.00	24.37 -0.44 0.00	26.08 -0.59 0.00	30.59 -0.89 0.00	37.36 -0.57 0.00	38.49 0.12 0.00	31.69 0.29 0.00	26.56 0.17 0.00	27.31 0.40 0.00	25.66 0.31 0.00
MECO_____69_KV_BK1 80468	23.74 1.32 0.00	17.98 0.94 0.00	22.56 1.16 0.00	18.90 0.95 0.00	18.87 0.97 0.00	18.19 0.97 0.00	22.06 1.32 0.00	26.38 1.49 0.00	24.59 1.00 0.00	24.67 0.67 0.00	25.88 0.62 0.00	25.59 0.39 0.00	24.93 0.24 0.00	25.78 0.32 0.00	24.82 0.38 0.00	25.32 0.50 0.00	27.33 0.66 0.00	32.77 1.29 0.00	40.39 2.47 0.00	41.23 2.96 0.10	33.79 2.40 0.02	28.36 1.96 0.00	28.67 1.77 0.00	26.91 1.55 0.00
MENANDS___115KV_TB5 355628	22.71 0.30 0.00	17.38 0.34 0.00	21.90 0.50 0.00	18.44 0.49 0.00	18.39 0.48 0.00	17.66 0.44 0.00	21.15 0.41 0.00	25.36 0.47 0.00	24.03 0.45 0.00	24.38 0.39 0.00	25.63 0.37 0.00	25.48 0.28 0.00	24.94 0.24 0.00	25.63 0.17 0.00	24.67 0.24 0.00	25.17 0.35 0.00	27.19 0.52 0.00	32.14 0.66 0.00	38.76 0.84 0.00	39.28 0.98 0.07	32.25 0.85 0.01	27.07 0.68 0.00	27.51 0.59 0.00	25.84 0.48 0.00
MG INDUSTRY___DRP 24185	22.82 0.40 0.00	17.44 0.40 0.00	21.99 0.58 0.00	18.50 0.54 0.00	18.44 0.54 0.00	17.70 0.49 0.00	21.22 0.48 0.00	25.40 0.50 0.00	24.02 0.43 0.00	24.28 0.28 0.00	25.48 0.22 0.00	25.33 0.14 0.00	24.81 0.11 0.00	25.51 0.05 0.00	24.56 0.12 0.00	25.05 0.24 0.00	27.08 0.41 0.00	32.08 0.60 0.00	38.80 0.87 0.00	39.34 1.05 0.07	32.30 0.90 0.01	27.13 0.74 0.00	27.57 0.66 0.00	25.91 0.56 0.00

MID___OSWEGATCHIE_HYD 23849	22.06 -0.35 0.00	16.78 -0.26 0.00	21.07 -0.33 0.00	17.64 -0.31 0.00	17.57 -0.33 0.00	16.82 -0.39 0.00	20.43 -0.31 0.00	24.47 -0.43 0.00	23.05 -0.53 0.00	23.48 -0.51 0.00	24.76 -0.51 0.00	24.60 -0.60 0.00	24.08 -0.62 0.00	24.81 -0.65 0.00	23.67 -0.76 0.00	23.89 -0.93 0.00	25.67 -1.00 0.00	30.41 -1.07 0.00	37.22 -0.70 0.00	38.23 -0.15 0.00	31.03 -0.38 0.00	25.86 -0.54 0.00	26.51 -0.40 0.00	24.98 -0.38 0.00
MID___RAQUETTE_HYD 23851	22.10 -0.31 0.00	16.73 -0.31 0.00	20.93 -0.47 0.00	17.50 -0.45 0.00	17.43 -0.47 0.00	16.74 -0.48 0.00	20.27 -0.47 0.00	24.38 -0.52 0.00	23.01 -0.58 0.00	23.42 -0.57 0.00	24.66 -0.60 0.00	24.51 -0.68 0.00	24.00 -0.69 0.00	24.73 -0.73 0.00	23.56 -0.88 0.00	23.71 -1.10 0.00	25.40 -1.27 0.00	29.82 -1.66 0.00	36.31 -1.62 0.00	37.22 -1.15 0.00	30.48 -0.93 0.00	25.52 -0.88 0.00	26.27 -0.64 0.00	24.75 -0.61 0.00
MILLIKEN___1 23584	25.00 0.18 -2.40	17.15 0.11 0.00	30.64 0.12 -9.11	24.09 0.10 -6.03	25.60 0.11 -7.59	22.45 0.16 -5.08	22.73 0.28 -1.72	27.42 0.39 -2.13	31.35 0.25 -7.51	24.13 0.14 0.00	25.38 0.11 0.00	25.34 0.15 0.00	24.86 0.16 0.00	25.65 0.20 0.00	24.59 0.16 0.00	25.16 0.35 0.00	27.16 0.49 0.00	32.21 0.73 0.00	38.99 1.06 0.00	38.91 1.09 0.55	32.06 0.74 0.09	26.86 0.46 0.00	44.37 0.20 -17.26	72.17 0.14 -46.67
MILLIKEN___2 23585	25.00 0.18 -2.40	17.15 0.11 0.00	30.64 0.12 -9.11	24.09 0.10 -6.03	25.60 0.11 -7.59	22.45 0.16 -5.08	22.73 0.28 -1.72	27.42 0.39 -2.13	31.35 0.25 -7.51	24.13 0.14 0.00	25.38 0.11 0.00	25.34 0.15 0.00	24.86 0.16 0.00	25.65 0.20 0.00	24.59 0.16 0.00	25.16 0.35 0.00	27.16 0.49 0.00	32.21 0.73 0.00	38.99 1.06 0.00	38.91 1.09 0.55	32.06 0.74 0.09	26.86 0.46 0.00	44.37 0.20 -17.26	72.17 0.14 -46.67
MILLIKEN___DIESEL 23629	25.00 0.18 -2.40	17.15 0.11 0.00	30.64 0.12 -9.11	24.09 0.10 -6.03	25.60 0.11 -7.59	22.45 0.16 -5.08	22.73 0.28 -1.72	27.42 0.39 -2.13	31.35 0.25 -7.51	24.13 0.14 0.00	25.38 0.11 0.00	25.34 0.15 0.00	24.86 0.16 0.00	25.65 0.20 0.00	24.59 0.16 0.00	25.16 0.35 0.00	27.16 0.49 0.00	32.21 0.73 0.00	38.99 1.06 0.00	38.91 1.09 0.55	32.06 0.74 0.09	26.86 0.46 0.00	44.37 0.20 -17.26	72.17 0.14 -46.67
MILLSEAT___LFGE 323607	20.81 -1.19 0.41	16.12 -0.92 0.00	18.53 -1.31 1.57	15.70 -1.22 1.04	15.41 -1.19 1.30	15.25 -1.08 0.87	19.23 -1.21 0.30	23.14 -1.35 0.41	20.90 -1.24 1.44	22.82 -1.18 0.00	24.29 -0.97 0.00	24.54 -0.65 0.00	24.08 -0.62 0.00	36.46 0.54 -10.47	25.91 -0.87 -2.35	24.32 -0.49 0.00	25.85 -0.82 0.00	30.59 -0.89 0.00	36.91 -1.02 0.00	34.60 -1.74 2.02	29.42 -1.64 0.34	25.15 -1.25 0.00	22.46 -1.46 3.00	15.94 -1.31 8.11
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.99 0.57 0.00	17.45 0.41 0.00	21.91 0.51 0.00	18.46 0.51 0.00	18.40 0.50 0.00	17.68 0.47 0.00	21.38 0.64 0.00	25.76 0.87 0.00	24.45 0.86 0.00	24.83 0.84 0.00	26.24 0.98 0.00	26.18 0.98 0.00	25.74 1.05 0.00	26.56 1.11 0.00	25.68 1.24 0.00	26.34 1.53 0.00	28.34 1.67 0.00	33.50 2.02 0.00	40.07 2.14 0.00	40.31 2.04 0.09	33.03 1.64 0.02	27.75 1.35 0.00	28.08 1.17 0.00	26.29 0.93 0.00
MILLWOOD_13_KV_LOAD 356217	23.03 0.62 0.00	17.48 0.45 0.00	21.95 0.55 0.00	18.49 0.54 0.00	18.44 0.53 0.00	17.72 0.51 0.00	21.43 0.69 0.00	25.83 0.93 0.00	24.51 0.92 0.00	24.89 0.90 0.00	26.30 1.04 0.00	26.25 1.05 0.00	25.81 1.11 0.00	26.64 1.18 0.00	25.74 1.30 0.00	26.40 1.59 0.00	28.42 1.75 0.00	33.61 2.13 0.00	40.18 2.25 0.00	40.43 2.15 0.09	33.13 1.74 0.02	27.82 1.43 0.00	28.14 1.23 0.00	26.34 0.98 0.00
MODEL_CITY_ENERGY 24167	20.07 -1.90 0.45	15.59 -1.45 0.00	17.73 -1.96 1.71	15.05 -1.78 1.13	14.74 -1.75 1.42	14.63 -1.63 0.95	18.50 -1.92 0.32	22.24 -2.21 0.44	20.02 -1.99 1.57	22.15 -1.84 0.00	23.71 -1.55 0.00	24.01 -1.18 0.00	23.55 -1.16 0.00	31.91 -0.68 -7.13	24.45 -1.57 -1.59	23.55 -1.26 0.00	25.05 -1.63 0.00	29.53 -1.96 0.00	35.44 -2.49 0.00	31.98 -3.41 2.98	27.90 -3.00 0.51	24.06 -2.33 0.00	21.18 -2.46 3.28	14.33 -2.16 8.86
MODERN_LFGE___ 323580	20.07 -1.90 0.45	15.59 -1.45 0.00	17.73 -1.96 1.71	15.05 -1.78 1.13	14.74 -1.75 1.42	14.63 -1.63 0.95	18.50 -1.92 0.32	22.24 -2.21 0.44	20.02 -1.99 1.57	22.15 -1.84 0.00	23.71 -1.55 0.00	24.01 -1.18 0.00	23.55 -1.16 0.00	31.91 -0.68 -7.13	24.45 -1.57 -1.59	23.55 -1.26 0.00	25.05 -1.63 0.00	29.53 -1.96 0.00	35.44 -2.49 0.00	31.98 -3.41 2.98	27.90 -3.00 0.51	24.06 -2.33 0.00	21.18 -2.46 3.28	14.33 -2.16 8.86
MOHAWK_PAPER___DRP 24187	22.86 0.44 0.00	17.46 0.43 0.00	22.01 0.61 0.00	18.52 0.57 0.00	18.47 0.57 0.00	17.74 0.53 0.00	21.28 0.54 0.00	25.53 0.63 0.00	24.17 0.59 0.00	24.52 0.52 0.00	25.76 0.49 0.00	25.60 0.41 0.00	25.07 0.37 0.00	25.77 0.32 0.00	24.81 0.38 0.00	25.32 0.50 0.00	27.37 0.69 0.00	32.37 0.89 0.00	39.08 1.15 0.00	39.60 1.30 0.07	32.50 1.11 0.01	27.28 0.89 0.00	27.70 0.79 0.00	26.02 0.66 0.00
MOHICAN___35_KV_115KV_LD 80490	23.88 1.46 0.00	18.02 0.99 0.00	22.75 1.35 0.00	19.13 1.18 0.00	19.10 1.20 0.00	18.39 1.18 0.00	22.26 1.52 0.00	26.76 1.86 0.00	25.21 1.62 0.00	25.43 1.44 0.00	26.49 1.23 0.00	26.26 1.07 0.00	25.63 0.93 0.00	26.38 0.93 0.00	25.40 0.96 0.00	26.05 1.24 0.00	28.27 1.60 0.00	33.53 2.05 0.00	40.93 3.00 0.00	41.56 3.19 0.00	34.20 2.79 0.00	28.69 2.30 0.00	29.10 2.18 0.00	27.20 1.84 0.00
MONGAUP___HYD 23641	23.04 0.62 0.00	17.49 0.46 0.00	21.95 0.55 0.00	18.47 0.52 0.00	18.41 0.51 0.00	17.72 0.50 0.00	21.42 0.68 0.00	25.78 0.89 0.00	24.33 0.75 0.00	24.56 0.57 0.00	25.80 0.53 0.00	25.72 0.53 0.00	25.27 0.57 0.00	26.07 0.61 0.00	25.15 0.72 0.00	25.71 0.90 0.00	27.71 1.04 0.00	32.98 1.50 0.00	39.84 1.92 0.00	40.33 2.06 0.10	33.06 1.67 0.02	27.75 1.35 0.00	28.11 1.20 0.00	26.32 0.96 0.00
MONTAUK___DIESEL 23721	23.74 1.32 0.00	17.98 0.94 0.00	22.57 1.16 0.00	19.10 1.14 0.00	19.04 1.14 0.00	18.42 1.21 0.00	24.26 1.69 -1.83	29.91 2.04 -2.97	25.41 1.82 0.00	25.69 1.70 0.00	26.96 1.70 0.00	26.74 1.55 0.00	26.59 1.89 0.00	27.54 2.08 0.00	26.58 2.15 0.00	27.21 2.40 0.00	29.22 2.55 0.00	34.18 2.70 0.00	40.43 2.51 0.00	40.82 2.54 0.09	33.66 2.26 0.02	28.17 1.78 0.00	28.71 1.80 0.00	26.66 1.31 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.83 -1.98 0.59	15.55 -1.49 0.00	17.02 -2.13 2.26	14.49 -1.97 1.49	14.04 -1.98 1.88	14.14 -1.81 1.26	18.30 -2.02 0.42	22.18 -2.13 0.59	19.62 -1.90 2.07	22.80 -1.20 0.00	24.74 -0.52 0.00	25.30 0.11 0.00	24.96 0.26 0.00	24.94 0.58 1.09	24.54 0.10 0.00	25.32 0.51 0.00	27.02 0.34 0.00	31.91 0.43 0.00	38.11 0.18 0.00	34.68 -0.71 2.98	29.49 -1.41 0.51	24.75 -1.65 0.00	20.19 -2.38 4.35	11.15 -2.45 11.76

MORRIS_RIDGE___SOLAR 323848	20.21 -1.46 0.74	15.92 -1.11 0.00	17.03 -1.55 2.82	14.67 -1.41 1.87	14.16 -1.39 2.35	14.37 -1.26 1.57	18.77 -1.44 0.53	22.61 -1.55 0.73	19.58 -1.42 2.59	22.82 -1.17 0.00	24.40 -0.86 0.00	24.75 -0.44 0.00	24.35 -0.35 0.00	22.84 -0.17 2.45	23.85 -0.59 0.00	24.54 -0.27 0.00	26.21 -0.46 0.00	30.93 -0.55 0.00	37.01 -0.92 0.00	34.68 -1.57 2.12	29.27 -1.78 0.36	24.71 -1.69 0.00	19.49 -2.07 5.35	8.92 -1.96 14.48
MORTIMER_115KV_TB3 55949	21.25 -0.85 0.31	16.39 -0.65 0.00	19.28 -0.93 1.19	16.30 -0.86 0.79	16.08 -0.83 0.99	15.78 -0.77 0.66	19.65 -0.87 0.22	23.59 -1.00 0.31	21.58 -0.91 1.09	23.19 -0.80 0.00	24.61 -0.65 0.00	24.82 -0.37 0.00	24.35 -0.35 0.00	26.67 -0.37 -1.57	24.24 -0.50 -0.31	24.51 -0.31 0.00	26.31 -0.36 0.00	31.16 -0.32 0.00	37.55 -0.38 0.00	37.75 -0.95 -0.32	30.51 -0.96 -0.05	25.57 -0.82 0.00	23.60 -1.06 2.25	18.31 -0.96 6.09
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.11 0.69 0.00	17.53 0.49 0.00	22.01 0.61 0.00	18.54 0.59 0.00	18.48 0.58 0.00	17.76 0.55 0.00	21.49 0.75 0.00	25.89 0.99 0.00	24.58 1.00 0.00	24.98 0.99 0.00	26.42 1.15 0.00	26.36 1.17 0.00	25.94 1.24 0.00	26.77 1.31 0.00	25.88 1.45 0.00	26.55 1.74 0.00	28.57 1.89 0.00	33.75 2.27 0.00	40.30 2.37 0.00	40.52 2.25 0.09	33.22 1.83 0.02	27.90 1.51 0.00	28.23 1.32 0.00	26.42 1.06 0.00
MUNSVILLE_WIND_PWR 323609	24.44 1.00 -1.03	17.61 0.57 0.00	26.09 0.79 -3.89	21.17 0.64 -2.58	21.83 0.68 -3.24	20.28 0.90 -2.17	22.76 1.29 -0.73	27.46 1.63 -0.94	28.17 1.27 -3.32	25.07 1.08 0.00	26.29 1.03 0.00	26.24 1.04 0.00	25.72 1.02 0.00	26.52 1.06 0.00	25.38 0.95 0.00	26.00 1.19 0.00	28.18 1.51 0.00	33.58 2.09 0.00	40.93 3.00 0.00	40.79 2.95 0.53	33.26 1.94 0.09	27.55 1.15 0.00	34.93 0.71 -7.32	45.77 0.63 -19.78
N SALMON___HYD 24042	22.85 0.43 0.00	17.18 0.14 0.00	21.46 0.06 0.00	17.98 0.03 0.00	17.88 -0.02 0.00	17.17 -0.04 0.00	20.68 -0.06 0.00	24.96 0.06 0.00	23.72 0.13 0.00	24.20 0.21 0.00	25.45 0.19 0.00	25.38 0.18 0.00	24.90 0.20 0.00	25.67 0.21 0.00	24.51 0.07 0.00	24.79 -0.02 0.00	26.52 -0.15 0.00	30.97 -0.51 0.00	37.52 -0.41 0.00	38.22 -0.16 0.00	31.17 -0.24 0.00	25.95 -0.45 0.00	26.64 -0.27 0.00	25.15 -0.20 0.00
N.AKRON__115KV_KNAPP 355671	20.68 -1.31 0.42	16.03 -1.01 0.00	18.38 -1.43 1.60	15.57 -1.32 1.06	15.28 -1.29 1.33	15.13 -1.19 0.89	19.10 -1.34 0.30	22.98 -1.50 0.42	20.75 -1.36 1.47	22.73 -1.27 0.00	24.22 -1.04 0.00	24.49 -0.70 0.00	24.03 -0.68 0.00	38.59 1.82 -11.32	26.12 -0.86 -2.54	24.49 -0.33 0.00	25.78 -0.89 0.00	30.42 -1.07 0.00	36.64 -1.29 0.00	34.05 -2.08 2.25	29.10 -1.93 0.38	24.95 -1.45 0.00	22.22 -1.62 3.07	15.62 -1.44 8.30
N.BELMOR_69_KV_BK1 55787	23.32 0.91 0.00	17.68 0.64 0.00	22.17 0.76 0.00	18.69 0.74 0.00	18.63 0.72 0.00	17.95 0.74 0.00	23.64 1.07 -1.83	29.27 1.40 -2.97	24.89 1.31 0.00	25.22 1.23 0.00	26.67 1.41 0.00	26.58 1.39 0.00	26.17 1.47 0.00	27.05 1.60 0.00	26.15 1.72 0.00	26.74 1.93 0.00	28.66 1.99 0.00	33.81 2.33 0.00	40.30 2.37 0.00	40.54 2.26 0.09	33.34 1.95 0.02	28.08 1.69 0.00	28.56 1.65 0.00	26.67 1.32 0.00
N.E_GEN_SANDY PD 24062	23.25 0.51 -0.33	24.03 0.40 -6.60	24.67 0.61 -2.66	21.33 0.57 -2.81	21.52 0.57 -3.05	31.29 0.53 -13.54	31.61 0.61 -10.26	33.55 0.75 -7.91	32.02 0.71 -7.73	25.73 0.68 -1.05	25.93 0.67 0.00	25.77 0.58 0.00	25.25 0.55 0.00	25.98 0.52 0.00	24.99 0.56 0.00	25.52 0.71 0.00	28.13 0.87 -0.58	31.84 1.06 0.70	38.69 1.32 0.56	40.41 1.50 -0.54	33.06 1.27 -0.38	27.57 1.04 -0.13	27.86 0.93 -0.02	26.13 0.77 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.93 0.52 0.00	17.40 0.36 0.00	21.85 0.44 0.00	18.41 0.46 0.00	18.34 0.44 0.00	17.63 0.42 0.00	21.32 0.58 0.00	25.71 0.82 0.00	24.39 0.80 0.00	24.77 0.78 0.00	26.18 0.92 0.00	26.15 0.95 0.00	25.71 1.01 0.00	26.54 1.08 0.00	25.67 1.24 0.00	26.35 1.54 0.00	28.36 1.70 0.00	33.54 2.06 0.00	40.10 2.17 0.00	40.33 2.06 0.10	33.02 1.63 0.02	27.74 1.34 0.00	28.06 1.15 0.00	26.28 0.92 0.00
N.QUEENS_27_KV_LOAD 356247	23.16 0.75 0.00	17.57 0.54 0.00	22.07 0.67 0.00	18.58 0.63 0.00	18.53 0.63 0.00	17.81 0.59 0.00	21.53 0.79 0.00	25.92 1.02 0.00	24.67 1.09 0.00	25.06 1.07 0.00	26.52 1.25 0.00	26.45 1.25 0.00	26.01 1.31 0.00	26.86 1.41 0.00	25.99 1.55 -0.01	26.66 1.84 0.00	28.63 1.96 0.00	33.84 2.36 0.00	40.33 2.40 0.00	40.60 2.32 0.09	33.31 1.92 0.02	27.97 1.57 0.00	28.28 1.37 0.00	26.47 1.12 0.00
N.TROY___115KV_TB1 355778	23.06 0.65 0.00	17.56 0.52 0.00	22.17 0.77 0.00	18.64 0.68 0.00	18.59 0.69 0.00	17.87 0.65 0.00	21.47 0.73 0.00	25.76 0.87 0.00	24.37 0.79 0.00	24.70 0.71 0.00	25.90 0.64 0.00	25.72 0.53 0.00	25.18 0.48 0.00	25.90 0.44 0.00	24.90 0.46 0.00	25.39 0.58 0.00	27.46 0.79 0.00	32.49 1.00 0.00	39.30 1.38 0.00	39.97 1.60 0.00	32.79 1.38 0.00	27.52 1.13 0.00	27.96 1.05 0.00	26.23 0.88 0.00
NARROWS_GT1_1 24228	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT1_2 24229	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT1_3 24230	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT1_4 24231	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84

NARROWS_GT1_5 24232	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT1_6 24233	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT1_7 24234	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT1_8 24235	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT2_1 24236	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT2_2 24237	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT2_3 24238	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT2_4 24239	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT2_5 24240	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT2_6 24241	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT2_7 24242	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NARROWS_GT2_8 24243	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.52 -6.18	40.87 2.63 -0.31	40.78 2.50 0.09	40.99 2.03 -7.55	36.46 1.67 -8.40	30.55 1.48 -2.16	30.44 1.24 -3.84
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.17 0.75 0.00	17.75 0.71 0.00	22.38 0.97 0.00	18.82 0.87 0.00	18.78 0.88 0.00	18.04 0.83 0.00	21.63 0.89 0.00	25.90 1.01 0.00	24.44 0.85 0.00	24.61 0.61 0.00	25.73 0.46 0.00	25.50 0.30 0.00	24.93 0.23 0.00	25.63 0.17 0.00	24.65 0.22 0.00	25.16 0.35 0.00	27.33 0.66 0.00	32.52 1.04 0.00	39.56 1.63 0.00	40.30 2.01 0.08	33.08 1.69 0.01	27.71 1.32 0.00	28.09 1.18 0.00	26.36 1.00 0.00
NCHELSEA_115KV_TR2 355582	23.12 0.70 0.00	17.54 0.51 0.00	22.04 0.64 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.79 0.58 0.00	21.51 0.77 0.00	25.90 1.01 0.00	24.55 0.97 0.00	24.93 0.94 0.00	26.30 1.03 0.00	26.24 1.05 0.00	25.78 1.08 0.00	26.60 1.14 0.00	25.68 1.25 0.00	26.36 1.55 0.00	28.41 1.74 0.00	33.63 2.14 0.00	40.30 2.37 0.00	40.59 2.31 0.09	33.25 1.86 0.02	27.90 1.51 0.00	28.21 1.30 0.00	26.41 1.05 0.00
NEG CAPITAL___MECHNVIL 23645	23.44 1.03 0.00	17.80 0.76 0.00	22.43 1.03 0.00	18.85 0.90 0.00	18.82 0.91 0.00	18.10 0.89 0.00	21.82 1.08 0.00	26.20 1.31 0.00	24.73 1.15 0.00	25.03 1.04 0.00	26.22 0.96 0.00	26.02 0.82 0.00	25.50 0.80 0.00	26.24 0.78 0.00	25.25 0.81 0.00	25.83 1.02 0.00	27.98 1.31 0.00	33.15 1.67 0.00	40.22 2.29 0.00	40.81 2.44 0.00	33.47 2.07 0.00	28.07 1.67 0.00	28.46 1.56 0.00	26.67 1.31 0.00

NEG CENTRAL_HIGH_ACRES 23767	21.08 -1.06 0.28	16.22 -0.81 0.00	19.23 -1.12 1.05	16.25 -1.00 0.70	16.06 -0.97 0.88	15.73 -0.90 0.59	19.51 -1.03 0.20	23.43 -1.19 0.27	21.53 -1.09 0.96	22.97 -1.02 0.00	24.33 -0.93 0.00	24.49 -0.71 0.00	24.02 -0.68 0.00	25.31 -0.78 -0.63	23.65 -0.79 0.00	24.20 -0.61 0.00	26.04 -0.63 0.00	30.88 -0.60 0.00	37.21 -0.72 0.00	37.54 -1.24 -0.41	30.30 -1.17 -0.07	25.35 -1.05 0.00	23.60 -1.30 2.01	18.72 -1.19 5.44
NEG CENTRAL___DRP 24199	21.58 -0.42 0.41	16.73 -0.31 0.00	19.39 -0.46 1.56	16.51 -0.41 1.03	16.23 -0.38 1.30	16.00 -0.34 0.87	20.10 -0.34 0.29	24.13 -0.37 0.39	21.80 -0.39 1.39	23.61 -0.39 0.00	24.93 -0.33 0.00	25.03 -0.16 0.00	24.58 -0.12 0.00	25.32 -0.13 0.00	24.28 -0.15 0.00	24.86 0.05 0.00	26.77 0.09 0.00	31.66 0.18 0.00	38.16 0.23 0.00	38.49 0.12 0.00	31.31 -0.10 0.00	26.16 -0.23 0.00	23.35 -0.53 3.03	16.67 -0.50 8.19
NEG CENTRAL___INDECK 23768	21.29 -0.47 0.65	16.64 -0.40 0.00	18.30 -0.64 2.47	15.68 -0.64 1.63	15.23 -0.62 2.06	15.33 -0.51 1.37	19.80 -0.47 0.46	23.84 -0.42 0.63	20.82 -0.52 2.24	23.41 -0.59 0.00	24.89 -0.37 0.00	25.19 0.00 0.00	24.75 0.04 0.00	25.55 0.10 0.00	24.26 -0.18 0.00	24.90 0.09 0.00	26.72 0.05 0.00	31.65 0.17 0.00	38.33 0.40 0.00	37.77 0.23 0.84	31.21 -0.05 0.14	26.13 -0.26 0.00	21.59 -0.64 4.69	12.01 -0.68 12.67
NEG CENTRAL___SENECA 23627	21.21 -0.53 0.66	16.63 -0.40 0.00	18.30 -0.59 2.51	15.75 -0.54 1.66	15.29 -0.51 2.09	15.37 -0.44 1.40	19.82 -0.44 0.47	23.82 -0.45 0.63	20.88 -0.48 2.23	23.55 -0.44 0.00	24.90 -0.36 0.00	25.06 -0.14 0.00	24.61 -0.09 0.00	25.36 -0.10 0.00	24.28 -0.15 0.00	24.90 0.09 0.00	26.79 0.11 0.00	31.71 0.23 0.00	38.20 0.27 0.00	38.52 0.15 0.00	31.27 -0.13 0.00	26.09 -0.31 0.00	21.44 -0.65 4.82	11.67 -0.66 13.03
NEG CENTRAL___STATE_STREET 24147	22.07 -0.19 0.15	16.96 -0.07 0.00	20.65 -0.19 0.56	17.41 -0.17 0.37	17.35 -0.09 0.46	16.77 -0.13 0.31	20.51 -0.12 0.10	24.56 -0.19 0.15	22.86 -0.21 0.51	23.78 -0.21 0.00	25.08 -0.19 0.00	25.09 -0.10 0.00	24.64 -0.07 0.00	25.37 -0.09 0.00	24.36 -0.07 0.00	24.88 0.07 0.00	26.82 0.15 0.00	31.70 0.22 0.00	38.24 0.31 0.00	38.78 0.32 -0.09	31.54 0.12 -0.02	26.42 0.03 0.00	25.49 -0.27 1.16	22.01 -0.22 3.13
NEG MILLWOOD___DRP 24198	23.17 0.76 0.00	17.59 0.55 0.00	22.08 0.68 0.00	18.60 0.65 0.00	18.54 0.64 0.00	17.84 0.62 0.00	21.57 0.83 0.00	25.99 1.09 0.00	24.65 1.06 0.00	25.03 1.04 0.00	26.42 1.16 0.00	26.36 1.16 0.00	25.90 1.21 0.00	26.74 1.29 0.00	25.82 1.39 0.00	26.49 1.68 0.00	28.55 1.88 0.00	33.78 2.30 0.00	40.47 2.54 0.00	40.74 2.46 0.09	33.38 1.99 0.02	28.01 1.61 0.00	28.31 1.40 0.00	26.47 1.11 0.00
NEG NORTH_FLCN_SEA 23793	23.39 0.98 0.00	17.58 0.54 0.00	22.05 0.65 0.00	18.50 0.55 0.00	18.39 0.49 0.00	17.65 0.44 0.00	21.15 0.41 0.00	25.33 0.43 0.00	24.02 0.43 0.00	24.46 0.46 0.00	25.75 0.48 0.00	25.66 0.46 0.00	25.22 0.52 0.00	25.97 0.51 0.00	24.87 0.43 0.00	25.33 0.51 0.00	27.09 0.42 0.00	31.28 -0.20 0.00	37.64 -0.29 0.00	38.31 -0.06 0.00	31.25 -0.15 0.00	25.96 -0.43 0.00	26.70 -0.21 0.00	25.28 -0.08 0.00
NEG NORTH_KES_CHATEGAY 23792	22.91 0.50 0.00	17.21 0.17 0.00	21.51 0.11 0.00	18.03 0.08 0.00	17.91 0.01 0.00	17.21 -0.01 0.00	20.64 -0.09 0.00	24.91 0.02 0.00	23.70 0.12 0.00	24.20 0.20 0.00	25.48 0.22 0.00	25.40 0.21 0.00	24.95 0.25 0.00	25.71 0.25 0.00	24.58 0.14 0.00	24.88 0.07 0.00	26.60 -0.07 0.00	31.00 -0.48 0.00	37.49 -0.44 0.00	38.11 -0.26 0.00	31.04 -0.36 0.00	25.82 -0.57 0.00	26.53 -0.38 0.00	25.10 -0.26 0.00
NEG NORTH___ALICE_FALLS 23915	23.33 0.91 0.00	17.52 0.48 0.00	21.96 0.56 0.00	18.42 0.47 0.00	18.31 0.41 0.00	17.58 0.37 0.00	21.09 0.36 0.00	25.34 0.45 0.00	24.04 0.45 0.00	24.48 0.48 0.00	25.77 0.51 0.00	25.67 0.48 0.00	25.23 0.53 0.00	25.99 0.54 0.00	24.88 0.44 0.00	25.31 0.49 0.00	27.08 0.41 0.00	31.41 -0.07 0.00	37.87 -0.06 0.00	38.50 0.13 0.00	31.39 -0.02 0.00	26.08 -0.32 0.00	26.75 -0.16 0.00	25.30 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	23.33 0.91 0.00	17.52 0.48 0.00	21.96 0.56 0.00	18.42 0.47 0.00	18.31 0.41 0.00	17.58 0.37 0.00	21.09 0.36 0.00	25.34 0.45 0.00	24.04 0.45 0.00	24.48 0.48 0.00	25.77 0.51 0.00	25.67 0.48 0.00	25.23 0.53 0.00	25.99 0.54 0.00	24.88 0.44 0.00	25.31 0.49 0.00	27.08 0.41 0.00	31.41 -0.07 0.00	37.87 -0.06 0.00	38.50 0.13 0.00	31.39 -0.02 0.00	26.08 -0.32 0.00	26.75 -0.16 0.00	25.30 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	23.33 0.91 0.00	17.52 0.48 0.00	21.96 0.56 0.00	18.42 0.47 0.00	18.31 0.41 0.00	17.58 0.37 0.00	21.10 0.36 0.00	25.34 0.45 0.00	24.04 0.45 0.00	24.48 0.48 0.00	25.77 0.51 0.00	25.67 0.48 0.00	25.23 0.53 0.00	25.99 0.54 0.00	24.87 0.44 0.00	25.31 0.49 0.00	27.08 0.41 0.00	31.41 -0.07 0.00	37.87 -0.06 0.00	38.50 0.13 0.00	31.39 -0.02 0.00	26.08 -0.32 0.00	26.75 -0.16 0.00	25.30 -0.06 0.00
NEG WEST_LEA_LOCKPORT 23791	20.26 -1.71 0.44	15.73 -1.31 0.00	17.91 -1.81 1.68	15.20 -1.64 1.11	14.89 -1.61 1.40	14.77 -1.51 0.94	18.67 -1.75 0.32	22.45 -2.01 0.44	20.21 -1.83 1.54	22.27 -1.72 0.00	23.77 -1.49 0.00	24.05 -1.14 0.00	23.57 -1.13 0.00	-23.89 -0.53 48.81	10.78 -1.50 12.16	23.64 -1.17 0.00	25.13 -1.54 0.00	29.64 -1.84 0.00	35.59 -2.33 0.00	32.43 -3.21 2.73	28.08 -2.86 0.46	24.30 -2.10 0.00	21.47 -2.22 3.22	14.68 -1.97 8.71
NEG WEST___LANCASTR 23811	20.30 -1.55 0.56	15.87 -1.17 0.00	17.68 -1.59 2.13	15.12 -1.42 1.41	14.74 -1.39 1.78	14.72 -1.30 1.19	18.84 -1.50 0.40	22.68 -1.65 0.55	20.14 -1.49 1.96	22.71 -1.28 0.00	24.25 -1.01 0.00	24.63 -0.57 0.00	24.16 -0.54 0.00	25.21 -0.24 0.00	23.68 -0.75 0.00	24.38 -0.43 0.00	26.00 -0.67 0.00	30.68 -0.80 0.00	36.74 -1.19 0.00	33.52 -1.88 2.98	29.04 -1.86 0.51	24.80 -1.60 0.00	20.94 -1.87 4.11	12.56 -1.69 11.11
NEG_PENN_ALLEGHNY 23528	22.02 -0.22 0.17	16.87 -0.16 0.00	20.52 -0.23 0.66	17.34 -0.18 0.43	17.19 -0.17 0.55	16.72 -0.13 0.37	20.50 -0.11 0.12	24.74 -0.16 0.00	23.38 -0.21 0.00	23.82 -0.17 0.00	25.18 -0.08 0.00	25.28 0.09 0.00	24.84 0.14 0.00	25.63 0.18 0.00	24.59 0.15 0.00	25.19 0.38 0.00	27.09 0.41 0.00	31.98 0.49 0.00	38.34 0.41 0.00	37.92 0.26 0.71	31.36 0.07 0.12	26.36 -0.04 0.00	25.28 -0.30 1.33	21.41 -0.35 3.60
NEG___GEN_MONROE 24207	21.32 -0.77 0.32	16.43 -0.60 0.00	19.32 -0.88 1.21	16.32 -0.83 0.80	16.10 -0.80 1.01	15.81 -0.73 0.67	19.71 -0.80 0.23	23.69 -0.89 0.31	21.64 -0.84 1.11	23.23 -0.77 0.00	24.64 -0.62 0.00	24.85 -0.35 0.00	24.38 -0.32 0.00	27.38 -0.13 -2.06	24.38 -0.48 -0.42	24.57 -0.24 0.00	26.35 -0.32 0.00	31.24 -0.24 0.00	37.72 -0.21 0.00	37.81 -0.76 -0.20	30.63 -0.81 -0.03	25.70 -0.69 0.00	23.68 -0.93 2.29	18.30 -0.85 6.20

NEPA__ENERGY 23901	20.16 -1.70 0.56	15.82 -1.22 0.00	17.61 -1.68 2.11	15.09 -1.46 1.40	14.71 -1.44 1.76	14.67 -1.36 1.18	18.78 -1.56 0.40	22.72 -1.63 0.55	20.04 -1.59 1.95	22.72 -1.27 0.00	24.40 -0.87 0.00	24.87 -0.33 0.00	24.49 -0.21 0.00	24.13 0.00 1.33	24.08 -0.36 0.00	24.85 0.04 0.00	26.53 -0.14 0.00	31.28 -0.20 0.00	37.20 -0.73 0.00	34.06 -1.30 3.01	29.41 -1.48 0.51	25.03 -1.37 0.00	20.97 -1.85 4.09	12.47 -1.83 11.06
NEVERSink__HYD 23608	22.53 0.12 0.00	17.09 0.05 0.00	21.45 0.05 0.00	18.07 0.12 0.00	18.00 0.10 0.00	17.33 0.12 0.00	20.96 0.23 0.00	25.25 0.36 0.00	23.92 0.33 0.00	24.23 0.24 0.00	25.54 0.27 0.00	25.46 0.26 0.00	25.02 0.32 0.00	25.81 0.35 0.00	24.92 0.49 0.00	25.56 0.75 0.00	27.56 0.89 0.00	32.67 1.19 0.00	39.23 1.30 0.00	39.53 1.26 0.10	32.39 1.00 0.02	27.18 0.79 0.00	27.47 0.56 0.00	25.74 0.38 0.00
NEWKRMKL_115KV_TB1 55635	22.62 0.20 0.00	17.34 0.31 0.00	21.84 0.43 0.00	18.39 0.44 0.00	18.34 0.44 0.00	17.60 0.39 0.00	21.06 0.32 0.00	25.25 0.35 0.00	23.92 0.34 0.00	24.28 0.29 0.00	25.53 0.27 0.00	25.38 0.18 0.00	24.86 0.16 0.00	25.53 0.07 0.00	24.59 0.16 0.00	25.10 0.28 0.00	27.12 0.44 0.00	32.05 0.57 0.00	38.65 0.72 0.00	39.15 0.85 0.07	32.13 0.73 0.01	26.96 0.57 0.00	27.39 0.48 0.00	25.74 0.38 0.00
NEWTON__FALLS_HYD 23847	22.06 -0.35 0.00	16.78 -0.26 0.00	21.07 -0.33 0.00	17.64 -0.31 0.00	17.57 -0.33 0.00	16.82 -0.39 0.00	20.43 -0.31 0.00	24.47 -0.43 0.00	23.05 -0.53 0.00	23.48 -0.51 0.00	24.76 -0.51 0.00	24.60 -0.60 0.00	24.08 -0.62 0.00	24.81 -0.65 0.00	23.67 -0.76 0.00	23.89 -0.93 0.00	25.67 -1.00 0.00	30.41 -1.07 0.00	37.22 -0.70 0.00	38.23 -0.15 0.00	31.03 -0.38 0.00	25.86 -0.54 0.00	26.51 -0.40 0.00	24.98 -0.38 0.00
NGRID_A1_DSASP 323792	19.90 -2.07 0.45	15.46 -1.57 0.00	17.57 -2.12 1.71	14.91 -1.91 1.14	14.61 -1.87 1.43	14.54 -1.73 0.96	18.36 -2.06 0.32	22.02 -2.43 0.45	19.84 -2.17 1.58	22.03 -1.96 0.00	23.56 -1.71 0.00	23.94 -1.25 0.00	23.45 -1.25 0.00	24.49 -0.97 0.00	22.77 -1.66 0.00	23.42 -1.39 0.00	24.92 -1.75 0.00	29.36 -2.12 0.00	35.23 -2.69 0.00	31.08 -3.73 3.56	27.60 -3.20 0.61	23.84 -2.56 0.00	20.91 -2.71 3.29	14.08 -2.37 8.91
NGRID_A2_DSASP 323793	19.90 -2.07 0.45	15.46 -1.57 0.00	17.57 -2.12 1.71	14.91 -1.91 1.14	14.61 -1.87 1.43	14.54 -1.73 0.96	18.36 -2.06 0.32	22.02 -2.43 0.45	19.84 -2.17 1.58	22.03 -1.96 0.00	23.56 -1.71 0.00	23.94 -1.25 0.00	23.45 -1.25 0.00	24.49 -0.97 0.00	22.77 -1.66 0.00	23.42 -1.39 0.00	24.92 -1.75 0.00	29.36 -2.12 0.00	35.23 -2.69 0.00	31.08 -3.73 3.56	27.60 -3.20 0.61	23.84 -2.56 0.00	20.91 -2.71 3.29	14.08 -2.37 8.91
NGRID_A4_DSASP 323807	19.90 -2.07 0.45	15.46 -1.57 0.00	17.57 -2.12 1.71	14.91 -1.91 1.14	14.61 -1.87 1.43	14.54 -1.73 0.96	18.36 -2.06 0.32	22.02 -2.43 0.45	19.84 -2.17 1.58	22.03 -1.96 0.00	23.56 -1.71 0.00	23.94 -1.25 0.00	23.45 -1.25 0.00	24.49 -0.97 0.00	22.77 -1.66 0.00	23.42 -1.39 0.00	24.92 -1.75 0.00	29.36 -2.12 0.00	35.23 -2.69 0.00	31.08 -3.73 3.56	27.60 -3.20 0.61	23.84 -2.56 0.00	20.91 -2.71 3.29	14.08 -2.37 8.91
NIAGARA_115E_LBMP 323715	19.94 -2.01 0.46	15.51 -1.53 0.00	17.60 -2.07 1.73	14.94 -1.86 1.15	14.63 -1.84 1.44	14.53 -1.72 0.96	18.39 -2.02 0.33	22.09 -2.35 0.45	19.88 -2.12 1.59	22.05 -1.94 0.00	23.64 -1.62 0.00	23.94 -1.26 0.00	23.48 -1.22 0.00	29.04 -0.87 -4.45	23.75 -1.67 -0.98	23.44 -1.37 0.00	24.93 -1.74 0.00	29.38 -2.11 0.00	35.24 -2.69 0.00	31.57 -3.64 3.17	27.69 -3.18 0.54	23.90 -2.50 0.00	20.97 -2.61 3.32	14.07 -2.30 8.99
NIAGARA_115W_LBMP 323714	19.86 -2.11 0.45	15.44 -1.60 0.00	17.54 -2.16 1.71	14.89 -1.93 1.13	14.58 -1.90 1.42	14.51 -1.75 0.95	18.33 -2.09 0.32	21.98 -2.47 0.44	19.81 -2.21 1.57	21.98 -2.01 0.00	23.51 -1.75 0.00	23.89 -1.31 0.00	23.40 -1.30 0.00	24.42 -1.03 0.00	22.72 -1.71 0.00	23.37 -1.44 0.00	24.87 -1.80 0.00	29.29 -2.19 0.00	35.16 -2.77 0.00	30.97 -3.81 3.59	27.54 -3.26 0.61	23.79 -2.61 0.00	20.87 -2.76 3.28	14.08 -2.40 8.88
NIAGARA_230_LBMP 323716	20.05 -1.93 0.44	15.58 -1.46 0.00	17.76 -1.98 1.66	15.06 -1.79 1.10	14.76 -1.76 1.39	14.64 -1.65 0.93	18.47 -1.96 0.31	22.19 -2.27 0.43	20.03 -2.03 1.53	22.18 -1.81 0.00	23.71 -1.56 0.00	24.06 -1.13 0.00	23.58 -1.12 0.00	22.36 -0.85 2.26	22.21 -1.50 0.72	23.57 -1.25 0.00	25.10 -1.57 0.00	29.58 -1.90 0.00	35.50 -2.43 0.00	31.15 -3.37 3.85	27.81 -2.94 0.66	24.04 -2.36 0.00	21.16 -2.55 3.20	14.43 -2.28 8.64
NIAGARA__115KV_198_GIBSON 55903	19.86 -2.11 0.45	15.44 -1.60 0.00	17.54 -2.16 1.71	14.89 -1.93 1.13	14.58 -1.90 1.42	14.51 -1.75 0.95	18.33 -2.09 0.32	21.98 -2.47 0.44	19.81 -2.21 1.57	21.98 -2.01 0.00	23.51 -1.75 0.00	23.89 -1.31 0.00	23.40 -1.30 0.00	24.41 -1.05 0.00	22.72 -1.71 0.00	23.36 -1.45 0.00	24.86 -1.81 0.00	29.28 -2.20 0.00	35.16 -2.78 0.00	30.98 -3.80 3.59	27.52 -3.27 0.61	23.79 -2.61 0.00	20.89 -2.73 3.28	14.10 -2.38 8.88
NIAGARA____ 23760	20.04 -1.93 0.44	15.58 -1.46 0.00	17.74 -1.98 1.68	15.05 -1.79 1.11	14.75 -1.76 1.40	14.63 -1.65 0.93	18.46 -1.96 0.32	22.19 -2.27 0.44	20.01 -2.03 1.54	22.18 -1.81 0.00	23.71 -1.56 0.00	24.06 -1.13 0.00	23.58 -1.12 0.00	24.59 -0.85 0.02	22.80 -1.50 0.13	23.57 -1.25 0.00	25.10 -1.57 0.00	29.58 -1.90 0.00	35.50 -2.43 0.00	31.34 -3.37 3.65	27.85 -2.94 0.62	24.04 -2.36 0.00	21.14 -2.55 3.22	14.35 -2.28 8.73
NINE_MILE_1 23575	21.85 -0.57 0.00	16.61 -0.42 0.00	20.86 -0.55 0.00	17.48 -0.47 0.00	17.45 -0.46 0.00	16.78 -0.43 0.00	20.20 -0.53 0.00	24.18 -0.72 0.00	22.91 -0.67 0.00	23.32 -0.68 0.00	24.54 -0.72 0.00	24.51 -0.68 0.00	24.02 -0.68 0.00	24.76 -0.69 0.00	23.77 -0.67 0.00	24.21 -0.60 0.00	26.05 -0.63 0.00	30.79 -0.69 0.00	37.10 -0.83 0.00	37.54 -0.92 -0.09	30.61 -0.81 -0.02	25.68 -0.72 0.00	26.09 -0.82 0.00	24.72 -0.63 0.00
NINE_MILE_2 23744	21.85 -0.56 0.00	16.61 -0.42 0.00	20.86 -0.54 0.00	17.48 -0.47 0.00	17.45 -0.45 0.00	16.78 -0.43 0.00	20.20 -0.53 0.00	24.18 -0.71 0.00	22.91 -0.67 0.00	23.32 -0.67 0.00	24.55 -0.72 0.00	24.51 -0.68 0.00	24.02 -0.68 0.00	24.77 -0.69 0.00	23.77 -0.66 0.00	24.21 -0.60 0.00	26.05 -0.62 0.00	30.79 -0.69 0.00	37.10 -0.83 0.00	37.54 -0.92 -0.09	30.61 -0.81 -0.02	25.68 -0.72 0.00	26.09 -0.82 0.00	24.72 -0.63 0.00
NM_CAPITAL__DRP 24208	22.64 0.23 0.00	17.35 0.31 0.00	21.86 0.45 0.00	18.40 0.45 0.00	18.35 0.45 0.00	17.62 0.41 0.00	21.09 0.35 0.00	25.28 0.39 0.00	23.96 0.38 0.00	24.32 0.32 0.00	25.56 0.30 0.00	25.41 0.21 0.00	24.88 0.17 0.00	25.55 0.10 0.00	24.61 0.17 0.00	25.11 0.29 0.00	27.12 0.45 0.00	32.05 0.56 0.00	38.65 0.72 0.00	39.16 0.86 0.07	32.14 0.75 0.01	26.99 0.59 0.00	27.42 0.50 0.00	25.77 0.41 0.00

NM_CENTRAL___DRP 24181	22.13 -0.28 0.00	16.83 -0.21 0.00	21.12 -0.28 0.00	17.70 -0.25 0.00	17.66 -0.24 0.00	17.00 -0.21 0.00	20.49 -0.25 0.00	24.54 -0.35 0.00	23.25 -0.33 0.00	23.67 -0.33 0.00	24.94 -0.33 0.00	24.93 -0.26 0.00	24.44 -0.26 0.00	25.24 -0.22 0.00	24.21 -0.22 0.00	24.69 -0.13 0.00	26.59 -0.08 0.00	31.54 0.05 0.00	37.98 0.06 0.00	38.29 -0.08 0.00	31.24 -0.17 0.00	26.18 -0.22 0.00	26.54 -0.37 0.00	25.09 -0.27 0.00
NM_FRONTIER___DRP 24179	19.86 -2.11 0.45	15.44 -1.60 0.00	17.54 -2.16 1.71	14.89 -1.93 1.13	14.58 -1.90 1.42	14.51 -1.75 0.95	18.33 -2.09 0.32	21.98 -2.47 0.44	19.81 -2.21 1.57	21.98 -2.01 0.00	23.51 -1.75 0.00	23.89 -1.31 0.00	23.40 -1.30 0.00	24.41 -1.05 0.00	22.72 -1.71 0.00	23.36 -1.45 0.00	24.86 -1.81 0.00	29.28 -2.20 0.00	35.16 -2.78 0.00	30.98 -3.80 3.59	27.52 -3.27 0.61	23.79 -2.61 0.00	20.89 -2.73 3.28	14.10 -2.38 8.88
NM_ST_REGIS___HYD 24053	22.31 -0.10 0.00	16.86 -0.18 0.00	21.08 -0.32 0.00	17.63 -0.32 0.00	17.55 -0.35 0.00	16.86 -0.35 0.00	20.39 -0.35 0.00	24.54 -0.35 0.00	23.20 -0.38 0.00	23.64 -0.35 0.00	24.89 -0.38 0.00	24.75 -0.44 0.00	24.26 -0.44 0.00	25.00 -0.46 0.00	23.82 -0.62 0.00	24.00 -0.81 0.00	25.70 -0.97 0.00	30.13 -1.35 0.00	36.63 -1.30 0.00	37.48 -0.89 0.00	30.66 -0.75 0.00	25.64 -0.76 0.00	26.37 -0.54 0.00	24.86 -0.49 0.00
NORTHPORT___1 23551	23.24 0.82 0.00	17.63 0.59 0.00	22.11 0.71 0.00	18.69 0.74 0.00	18.61 0.71 0.00	17.94 0.73 0.00	23.68 1.11 -1.83	29.32 1.45 -2.97	24.88 1.29 0.00	25.14 1.15 0.00	26.52 1.26 0.00	26.40 1.21 0.00	26.00 1.30 0.00	26.92 1.46 0.00	26.03 1.60 0.00	26.58 1.77 0.00	28.57 1.90 0.00	33.62 2.13 0.00	40.00 2.07 0.00	40.32 2.05 0.09	33.27 1.87 0.02	27.94 1.55 0.00	28.39 1.48 0.00	26.53 1.17 0.00
NORTHPORT___2 23552	23.24 0.82 0.00	17.63 0.59 0.00	22.11 0.71 0.00	18.69 0.74 0.00	18.61 0.71 0.00	17.94 0.73 0.00	23.68 1.11 -1.83	29.32 1.45 -2.97	24.88 1.29 0.00	25.14 1.15 0.00	26.52 1.26 0.00	26.40 1.21 0.00	26.00 1.30 0.00	26.92 1.46 0.00	26.03 1.60 0.00	26.58 1.77 0.00	28.57 1.90 0.00	33.62 2.13 0.00	40.00 2.07 0.00	40.32 2.05 0.09	33.27 1.87 0.02	27.94 1.55 0.00	28.39 1.48 0.00	26.53 1.17 0.00
NORTHPORT___3 23553	23.22 0.80 0.00	17.62 0.58 0.00	22.10 0.69 0.00	18.66 0.71 0.00	18.59 0.69 0.00	17.90 0.69 0.00	23.62 1.04 -1.83	29.24 1.37 -2.97	24.81 1.23 0.00	25.10 1.10 0.00	26.54 1.27 0.00	26.43 1.23 0.00	26.02 1.32 0.00	26.92 1.47 0.00	26.03 1.60 0.00	26.58 1.77 0.00	28.53 1.85 0.00	33.56 2.08 0.00	39.93 2.00 0.00	40.20 1.93 0.09	33.13 1.74 0.02	27.84 1.44 0.00	28.30 1.39 0.00	26.48 1.12 0.00
NORTHPORT___4 23650	23.22 0.80 0.00	17.62 0.58 0.00	22.10 0.69 0.00	18.66 0.71 0.00	18.59 0.69 0.00	17.90 0.69 0.00	23.62 1.04 -1.83	29.24 1.37 -2.97	24.81 1.23 0.00	25.10 1.10 0.00	26.54 1.27 0.00	26.43 1.23 0.00	26.02 1.32 0.00	26.92 1.47 0.00	26.03 1.60 0.00	26.58 1.77 0.00	28.53 1.85 0.00	33.56 2.08 0.00	39.93 2.00 0.00	40.20 1.93 0.09	33.13 1.74 0.02	27.84 1.44 0.00	28.30 1.39 0.00	26.48 1.12 0.00
NORTHPORT___IC 23718	23.24 0.82 0.00	17.63 0.59 0.00	22.12 0.72 0.00	18.69 0.74 0.00	18.62 0.71 0.00	17.94 0.73 0.00	23.68 1.11 -1.83	29.32 1.45 -2.97	24.88 1.29 0.00	25.14 1.15 0.00	26.52 1.26 0.00	26.40 1.21 0.00	26.00 1.31 0.00	26.92 1.46 0.00	26.03 1.59 0.00	26.58 1.77 0.00	28.57 1.90 0.00	33.62 2.14 0.00	40.00 2.07 0.00	40.32 2.05 0.09	33.27 1.87 0.02	27.94 1.54 0.00	28.40 1.49 0.00	26.51 1.16 0.00
NORTH___COUNTRY_ESR 323785	22.86 0.44 0.00	17.18 0.14 0.00	21.46 0.05 0.00	17.99 0.04 0.00	17.87 -0.03 0.00	17.17 -0.04 0.00	20.60 -0.14 0.00	24.85 -0.05 0.00	23.67 0.09 0.00	24.19 0.20 0.00	25.48 0.21 0.00	25.40 0.21 0.00	24.94 0.25 0.00	25.70 0.25 0.00	24.57 0.14 0.00	24.88 0.07 0.00	26.60 -0.07 0.00	30.98 -0.50 0.00	37.43 -0.50 0.00	38.01 -0.37 0.00	30.93 -0.48 0.00	25.73 -0.66 0.00	26.45 -0.46 0.00	25.03 -0.33 0.00
NPX_GEN_1385_PROXY 323591	23.20 0.79 0.00	17.69 0.65 0.00	22.26 0.86 0.00	18.99 1.04 0.00	18.85 0.95 0.00	18.17 0.95 0.00	24.18 1.61 -1.83	36.23 2.15 -9.19	25.28 1.70 0.00	25.34 1.35 0.00	26.35 1.09 0.00	26.09 0.90 0.00	25.49 0.79 0.00	26.47 1.01 0.00	25.53 1.10 0.00	25.95 1.13 0.00	28.24 1.57 0.00	33.31 1.82 0.00	39.66 1.74 0.00	40.17 1.90 0.09	33.43 2.04 0.02	27.94 1.54 0.00	28.38 1.47 0.00	26.47 1.11 0.00
NPX_GEN_CSC 323557	23.22 0.81 0.00	17.59 0.56 0.00	22.07 0.66 0.00	18.64 0.68 0.00	18.57 0.67 0.00	17.92 0.71 0.00	23.63 1.06 -1.83	29.21 1.35 -2.97	24.77 1.19 0.00	25.00 1.01 0.00	26.33 1.07 0.00	26.15 0.96 0.00	25.87 1.17 0.00	26.85 1.39 0.00	25.96 1.53 0.00	26.56 1.75 0.00	28.55 1.88 0.00	33.55 2.07 0.00	39.82 1.89 0.00	40.22 1.94 0.09	33.22 1.82 0.02	27.90 1.50 0.00	28.42 1.51 0.00	26.50 1.14 0.00
NSINS_S___GLNS_FALLS 23858	23.86 1.45 0.00	18.02 0.98 0.00	22.75 1.35 0.00	19.12 1.17 0.00	19.10 1.19 0.00	18.38 1.17 0.00	22.24 1.51 0.00	26.74 1.85 0.00	25.20 1.62 0.00	25.43 1.43 0.00	26.49 1.23 0.00	26.26 1.07 0.00	25.62 0.92 0.00	26.38 0.93 0.00	25.40 0.96 0.00	26.05 1.24 0.00	28.27 1.60 0.00	33.53 2.05 0.00	40.94 3.01 0.00	41.47 3.18 0.07	34.19 2.79 0.01	28.69 2.29 0.00	29.10 2.18 0.00	27.19 1.83 0.00
NUCOR_STEEL___DRP 24197	22.23 -0.19 0.00	16.97 -0.07 0.00	21.22 -0.18 0.00	17.79 -0.16 0.00	17.83 -0.07 0.00	17.08 -0.13 0.00	20.61 -0.12 0.00	24.60 -0.20 0.09	23.03 -0.22 0.33	23.78 -0.21 0.00	25.07 -0.20 0.00	25.08 -0.11 0.00	24.62 -0.08 0.00	25.35 -0.11 0.00	24.35 -0.08 0.00	24.86 0.05 0.00	26.80 0.13 0.00	31.67 0.19 0.00	38.20 0.28 0.00	38.77 0.29 -0.11	31.53 0.10 -0.02	26.43 0.04 0.00	25.87 -0.27 0.78	23.04 -0.22 2.10
NUMBER_THREE_WT_PWR 323818	22.13 -0.28 0.00	16.93 -0.11 0.00	21.38 -0.02 0.00	17.91 -0.04 0.00	17.83 -0.07 0.00	17.00 -0.21 0.00	20.70 -0.04 0.00	24.70 -0.19 0.00	23.33 -0.26 0.00	23.84 -0.16 0.00	25.05 -0.21 0.00	24.89 -0.30 0.00	24.39 -0.31 0.00	25.13 -0.32 0.00	24.01 -0.42 0.00	24.27 -0.54 0.00	26.15 -0.52 0.00	31.17 -0.31 0.00	38.29 0.36 0.00	39.35 0.97 0.00	31.65 0.24 0.00	26.28 -0.12 0.00	26.84 -0.07 0.00	25.28 -0.08 0.00
NYISO_LBMP_REFERENCE 24008	22.41 0.00 0.00	17.04 0.00 0.00	21.40 0.00 0.00	17.95 0.00 0.00	17.90 0.00 0.00	17.21 0.00 0.00	20.74 0.00 0.00	24.90 0.00 0.00	23.58 0.00 0.00	23.99 0.00 0.00	25.26 0.00 0.00	25.19 0.00 0.00	24.70 0.00 0.00	25.46 0.00 0.00	24.43 0.00 0.00	24.81 0.00 0.00	26.67 0.00 0.00	31.48 0.00 0.00	37.93 0.00 0.00	38.37 0.00 0.00	31.41 0.00 0.00	26.40 0.00 0.00	26.91 0.00 0.00	25.36 0.00 0.00

NYPA_BRENTWD____GT 24164	23.44 1.03 0.00	17.77 0.73 0.00	22.29 0.89 0.00	18.82 0.87 0.00	18.75 0.85 0.00	18.08 0.87 0.00	23.86 1.29 -1.83	29.53 1.67 -2.97	25.10 1.52 0.00	25.36 1.37 0.00	26.77 1.50 0.00	26.65 1.46 0.00	26.27 1.57 0.00	27.20 1.75 0.00	26.32 1.88 0.00	26.91 2.10 0.00	28.85 2.18 0.00	33.97 2.49 0.00	40.43 2.51 0.00	40.76 2.49 0.09	33.70 2.31 0.02	28.30 1.90 0.00	28.74 1.83 0.00	26.83 1.47 0.00
NYPA_GOWANUS____GT5 24156	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.00 1.10 -0.02	24.71 1.12 -0.01	26.81 1.12 -1.70	38.30 1.32 -11.72	26.53 1.33 -0.01	38.18 1.41 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.82 2.12 -12.03	40.16 2.51 -6.18	40.87 2.63 -0.31	40.77 2.49 0.09	40.98 2.02 -7.55	36.45 1.66 -8.40	30.54 1.47 -2.16	30.42 1.22 -3.84
NYPA_GOWANUS____GT6 24157	24.48 0.81 -1.26	17.62 0.58 0.00	22.10 0.70 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.00 1.10 -0.02	24.71 1.12 -0.01	26.81 1.12 -1.70	38.30 1.32 -11.72	26.53 1.33 -0.01	38.18 1.41 -12.07	39.55 1.50 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.82 2.12 -12.03	40.16 2.51 -6.18	40.87 2.63 -0.31	40.77 2.49 0.09	40.98 2.02 -7.55	36.45 1.66 -8.40	30.54 1.47 -2.16	30.42 1.22 -3.84
NYPA_HARLEM__RVR__GT1 24160	23.12 0.70 0.00	17.54 0.50 0.00	22.02 0.62 0.00	18.55 0.59 0.00	18.50 0.59 0.00	17.78 0.56 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.61 1.03 0.00	25.00 1.01 0.00	26.44 1.18 0.00	26.38 1.18 0.00	25.94 1.24 0.00	26.78 1.32 0.00	25.91 1.47 -0.01	26.58 1.76 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.24 2.31 0.00	40.50 2.23 0.09	33.24 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
NYPA_HARLEM__RVR__GT2 24161	23.12 0.70 0.00	17.54 0.50 0.00	22.02 0.62 0.00	18.55 0.59 0.00	18.50 0.59 0.00	17.78 0.56 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.61 1.03 0.00	25.00 1.01 0.00	26.44 1.18 0.00	26.38 1.18 0.00	25.94 1.24 0.00	26.78 1.32 0.00	25.91 1.47 -0.01	26.58 1.76 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.24 2.31 0.00	40.50 2.23 0.09	33.24 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
NYPA_KENT____GT 24152	23.95 0.78 -0.76	17.60 0.56 0.00	22.08 0.68 0.00	18.60 0.65 0.00	18.54 0.64 0.00	17.82 0.61 0.00	21.57 0.83 0.00	25.98 1.07 -0.01	24.68 1.09 0.00	26.10 1.08 -1.02	33.63 1.29 -7.07	26.51 1.31 0.00	33.38 1.39 -7.28	34.53 1.48 -7.60	34.60 1.62 -8.55	38.85 1.92 -12.11	36.00 2.07 -7.26	37.65 2.44 -3.72	40.66 2.55 -0.19	40.69 2.41 0.09	37.92 1.96 -4.55	33.08 1.62 -5.07	29.65 1.44 -1.30	28.86 1.19 -2.32
NYPA_POUCH1____GT 24155	24.42 0.75 -1.26	17.57 0.53 0.00	22.04 0.64 0.00	18.57 0.62 0.00	18.51 0.61 0.00	17.79 0.57 0.00	21.52 0.78 -0.01	25.92 1.02 -0.02	24.63 1.04 -0.01	26.72 1.02 -1.70	38.20 1.21 -11.72	26.42 1.22 -0.01	38.08 1.31 -12.07	39.44 1.39 -12.59	40.15 1.56 -14.16	46.67 1.86 -20.00	40.71 2.01 -12.03	40.02 2.37 -6.18	40.70 2.46 -0.31	40.62 2.34 0.09	40.86 1.90 -7.55	36.37 1.57 -8.40	30.48 1.41 -2.16	30.38 1.19 -3.84
NYPA_VERNON____GT2 24162	23.42 0.75 -0.26	17.58 0.54 0.00	22.06 0.65 0.00	18.58 0.63 0.00	18.53 0.63 0.00	17.80 0.59 0.00	21.55 0.81 0.00	25.95 1.05 0.00	24.67 1.09 0.00	25.42 1.08 -0.35	28.96 1.27 -2.42	26.48 1.28 0.00	28.55 1.36 -2.50	29.50 1.44 -2.61	28.95 1.58 -2.94	30.93 1.89 -4.24	31.18 2.03 -2.49	35.17 2.41 -1.28	40.49 2.50 -0.06	40.64 2.36 0.09	34.88 1.93 -1.55	29.72 1.59 -1.74	28.75 1.39 -0.45	27.29 1.14 -0.79
NYPA_VERNON____GT3 24163	23.42 0.75 -0.26	17.58 0.54 0.00	22.06 0.65 0.00	18.58 0.63 0.00	18.53 0.63 0.00	17.80 0.59 0.00	21.55 0.81 0.00	25.95 1.05 0.00	24.67 1.09 0.00	25.42 1.08 -0.35	28.96 1.27 -2.42	26.48 1.28 0.00	28.55 1.36 -2.50	29.50 1.44 -2.61	28.95 1.58 -2.94	30.93 1.89 -4.24	31.18 2.03 -2.49	35.17 2.41 -1.28	40.49 2.50 -0.06	40.64 2.36 0.09	34.88 1.93 -1.55	29.72 1.59 -1.74	28.75 1.39 -0.45	27.29 1.14 -0.79
NYPA__ASTORIA_CC1 323568	23.13 0.71 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.52 0.78 0.00	25.89 1.00 0.00	24.62 1.04 0.00	25.01 1.02 0.00	26.48 1.22 0.00	26.43 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.98 1.53 -0.01	26.74 1.83 -0.10	28.64 1.97 0.00	33.82 2.33 0.00	40.34 2.41 0.00	40.58 2.30 0.09	33.26 1.87 0.02	27.94 1.54 0.00	28.26 1.34 0.00	26.46 1.10 0.00
NYPA__ASTORIA_CC2 323569	23.13 0.71 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.52 0.78 0.00	25.89 1.00 0.00	24.62 1.04 0.00	25.01 1.02 0.00	26.48 1.22 0.00	26.43 1.23 0.00	26.01 1.31 0.00	26.85 1.39 0.00	25.98 1.53 -0.01	26.74 1.83 -0.10	28.64 1.97 0.00	33.82 2.33 0.00	40.34 2.41 0.00	40.58 2.30 0.09	33.26 1.87 0.02	27.94 1.54 0.00	28.26 1.34 0.00	26.46 1.10 0.00
NYPA__HOLTSVILL 23794	23.28 0.87 0.00	17.63 0.59 0.00	22.12 0.72 0.00	18.67 0.72 0.00	18.61 0.70 0.00	17.95 0.73 0.00	23.68 1.11 -1.83	29.28 1.42 -2.97	24.87 1.29 0.00	25.13 1.14 0.00	26.49 1.23 0.00	26.36 1.17 0.00	26.01 1.31 0.00	26.95 1.50 0.00	26.09 1.66 0.00	26.68 1.87 0.00	28.65 1.98 0.00	33.68 2.20 0.00	40.03 2.10 0.00	40.38 2.10 0.09	33.35 1.96 0.02	28.02 1.63 0.00	28.49 1.58 0.00	26.60 1.24 0.00
NYPA__HELLGATE_GT1 24158	23.12 0.70 0.00	17.54 0.50 0.00	22.02 0.62 0.00	18.55 0.59 0.00	18.50 0.59 0.00	17.78 0.56 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.61 1.03 0.00	25.00 1.01 0.00	26.45 1.18 0.00	26.38 1.18 0.00	25.94 1.24 0.00	26.78 1.32 0.00	25.91 1.47 -0.01	26.58 1.76 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.24 2.31 0.00	40.50 2.23 0.09	33.24 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
NYPA__HELLGATE_GT2 24159	23.12 0.70 0.00	17.54 0.50 0.00	22.02 0.62 0.00	18.55 0.59 0.00	18.50 0.59 0.00	17.78 0.56 0.00	21.49 0.75 0.00	25.87 0.98 0.00	24.61 1.03 0.00	25.00 1.01 0.00	26.45 1.18 0.00	26.38 1.18 0.00	25.94 1.24 0.00	26.78 1.32 0.00	25.91 1.47 -0.01	26.58 1.76 0.00	28.55 1.88 0.00	33.75 2.27 0.00	40.24 2.31 0.00	40.50 2.23 0.09	33.24 1.85 0.02	27.92 1.53 0.00	28.23 1.32 0.00	26.44 1.08 0.00
NYS_BARGE__HYD 23848	20.29 -1.69 0.44	15.75 -1.29 0.00	17.97 -1.77 1.66	15.23 -1.62 1.10	14.94 -1.59 1.38	14.81 -1.48 0.92	18.70 -1.72 0.31	22.49 -1.97 0.43	20.28 -1.78 1.52	22.34 -1.65 0.00	23.86 -1.40 0.00	24.14 -1.06 0.00	23.68 -1.02 0.00	37.75 -0.33 -12.62	25.88 -1.39 -2.84	23.76 -1.05 0.00	25.26 -1.41 0.00	29.80 -1.69 0.00	35.79 -2.14 0.00	32.75 -3.03 2.59	28.27 -2.70 0.44	24.36 -2.03 0.00	21.56 -2.17 3.18	14.83 -1.93 8.60

OAK ORCHARD___HYD 24046	21.25 -0.85 0.31	16.39 -0.65 0.00	19.29 -0.93 1.19	16.30 -0.86 0.79	16.08 -0.83 0.99	15.78 -0.77 0.66	19.64 -0.87 0.22	23.59 -1.00 0.31	21.59 -0.91 1.09	23.19 -0.80 0.00	24.62 -0.65 0.00	24.82 -0.37 0.00	24.35 -0.35 0.00	26.67 -0.36 -1.57	24.24 -0.50 -0.31	24.50 -0.31 0.00	26.32 -0.36 0.00	31.17 -0.32 0.00	37.56 -0.37 0.00	37.75 -0.95 -0.32	30.51 -0.95 -0.05	25.57 -0.82 0.00	23.59 -1.06 2.25	18.29 -0.98 6.09
OAKDALE___35_KV_LOAD 356122	21.87 -0.28 0.26	16.83 -0.21 0.00	20.13 -0.27 1.00	17.07 -0.22 0.66	16.86 -0.21 0.83	16.47 -0.18 0.56	20.37 -0.18 0.19	24.40 -0.24 0.26	22.40 -0.28 0.90	23.73 -0.26 0.00	25.11 -0.16 0.00	25.19 0.00 0.00	24.75 0.05 0.00	25.53 0.08 0.00	24.51 0.07 0.00	25.11 0.30 0.00	26.99 0.31 0.00	31.84 0.36 0.00	38.17 0.24 0.00	37.73 0.11 0.75	31.23 -0.05 0.13	26.26 -0.13 0.00	24.23 -0.36 2.31	18.70 -0.40 6.26
OCC_CHEM___DRP 24175	19.90 -2.06 0.45	15.47 -1.57 0.00	17.57 -2.12 1.71	14.91 -1.90 1.14	14.60 -1.88 1.43	14.53 -1.73 0.96	18.36 -2.05 0.32	22.02 -2.43 0.45	19.84 -2.16 1.58	22.03 -1.96 0.00	23.56 -1.70 0.00	23.94 -1.25 0.00	23.45 -1.25 0.00	24.47 -0.98 0.00	22.77 -1.66 0.00	23.42 -1.40 0.00	24.92 -1.75 0.00	29.36 -2.13 0.00	35.23 -2.70 0.00	31.09 -3.72 3.56	27.59 -3.21 0.61	23.84 -2.55 0.00	20.93 -2.69 3.29	14.11 -2.34 8.91
OH_GEN_PROXY 24063	20.07 -1.90 0.44	15.60 -1.44 0.00	17.80 -1.96 1.65	15.10 -1.76 1.10	14.81 -1.72 1.38	14.67 -1.63 0.92	18.51 -1.92 0.31	22.25 -2.22 0.43	20.08 -1.98 1.52	22.22 -1.77 0.00	23.75 -1.51 0.00	24.10 -1.09 0.00	23.62 -1.08 0.00	22.74 -0.82 1.90	22.40 -1.44 0.60	23.64 -1.17 0.00	25.18 -1.49 0.00	29.68 -1.81 0.00	35.61 -2.32 0.00	31.19 -3.25 3.93	24.90 -2.84 3.67	24.11 -2.28 0.00	21.24 -2.49 3.18	14.51 -2.24 8.60
OLIN_CORP_DRP 24177	19.97 -1.98 0.46	15.53 -1.51 0.00	17.61 -2.04 1.75	14.95 -1.84 1.16	14.63 -1.81 1.46	14.53 -1.71 0.98	18.41 -2.00 0.33	22.12 -2.32 0.46	19.89 -2.09 1.61	22.09 -1.90 0.00	23.67 -1.59 0.00	23.98 -1.21 0.00	23.52 -1.19 0.00	28.04 -0.85 -3.44	23.57 -1.63 -0.76	23.48 -1.34 0.00	24.97 -1.70 0.00	29.43 -2.05 0.00	35.32 -2.61 0.00	31.59 -3.56 3.22	27.73 -3.13 0.55	23.93 -2.47 0.00	20.97 -2.57 3.36	14.01 -2.25 9.10
OLIN_CORP_DSASP 323712	19.90 -2.07 0.45	15.46 -1.57 0.00	17.57 -2.12 1.71	14.91 -1.91 1.14	14.61 -1.87 1.43	14.54 -1.73 0.96	18.36 -2.06 0.32	22.02 -2.43 0.45	19.84 -2.17 1.58	22.03 -1.96 0.00	23.56 -1.71 0.00	23.94 -1.25 0.00	23.45 -1.25 0.00	24.49 -0.97 0.00	22.77 -1.66 0.00	23.42 -1.39 0.00	24.92 -1.75 0.00	29.36 -2.12 0.00	35.23 -2.69 0.00	31.08 -3.73 3.56	27.60 -3.20 0.61	23.84 -2.56 0.00	20.91 -2.71 3.29	14.08 -2.37 8.91
ONEIDA_HERK_LFGE 323681	22.54 0.12 0.00	17.17 0.13 0.00	21.62 0.22 0.00	18.13 0.18 0.00	18.07 0.17 0.00	17.34 0.13 0.00	21.01 0.28 0.00	25.15 0.26 0.00	23.76 0.18 0.00	24.17 0.18 0.00	25.42 0.15 0.00	25.30 0.11 0.00	24.80 0.10 0.00	25.59 0.13 0.00	24.51 0.08 0.00	24.90 0.09 0.00	26.86 0.18 0.00	31.89 0.41 0.00	38.81 0.88 0.00	39.52 1.15 0.00	32.07 0.66 0.00	26.78 0.38 0.00	27.24 0.33 0.00	25.63 0.27 0.00
ONEIDA___115KV_TB4 55905	22.75 0.34 0.00	17.29 0.25 0.00	21.73 0.32 0.00	18.22 0.27 0.00	18.19 0.28 0.00	17.51 0.30 0.00	21.17 0.43 0.00	25.38 0.48 0.00	23.97 0.39 0.00	24.31 0.32 0.00	25.56 0.30 0.00	25.49 0.29 0.00	25.00 0.30 0.00	25.82 0.37 0.00	24.77 0.33 0.00	25.24 0.43 0.00	27.24 0.57 0.00	32.31 0.82 0.00	39.14 1.21 0.00	39.69 1.32 0.00	32.34 0.93 0.00	27.05 0.66 0.00	27.42 0.51 0.00	25.79 0.43 0.00
ONONDAGA_REF_OCCRA 23987	22.38 -0.16 -0.13	16.92 -0.12 0.00	21.73 -0.17 -0.50	18.13 -0.15 -0.33	18.18 -0.14 -0.42	17.37 -0.12 -0.28	20.70 -0.13 -0.09	24.81 -0.19 -0.11	23.78 -0.20 -0.39	23.78 -0.21 0.00	25.06 -0.20 0.00	25.05 -0.14 0.00	24.57 -0.12 0.00	25.37 -0.09 0.00	24.34 -0.10 0.00	24.83 0.02 0.00	26.75 0.08 0.00	31.72 0.23 0.00	38.22 0.29 0.00	38.56 0.19 0.00	31.45 0.04 0.00	26.34 -0.06 0.00	27.68 -0.22 -0.99	27.90 -0.14 -2.68
ONONDAGA___COGEN 23986	22.25 -0.16 0.00	16.92 -0.12 0.00	21.24 -0.16 0.00	17.81 -0.14 0.00	17.78 -0.12 0.00	17.10 -0.11 0.00	20.62 -0.11 0.00	24.71 -0.18 0.00	23.38 -0.20 0.00	23.79 -0.20 0.00	25.07 -0.19 0.00	25.06 -0.13 0.00	24.58 -0.12 0.00	25.36 -0.09 0.00	24.36 -0.07 0.00	24.85 0.04 0.00	26.78 0.11 0.00	31.68 0.20 0.00	38.17 0.24 0.00	38.51 0.14 0.00	31.40 -0.01 0.00	26.32 -0.08 0.00	26.66 -0.25 0.00	25.20 -0.16 0.00
ONTARIO___LFGE 23819	21.22 -0.54 0.66	16.63 -0.40 0.00	18.30 -0.58 2.51	15.75 -0.54 1.66	15.30 -0.51 2.09	15.37 -0.44 1.40	19.82 -0.44 0.47	23.82 -0.45 0.63	20.87 -0.48 2.23	23.55 -0.44 0.00	24.90 -0.36 0.00	25.06 -0.14 0.00	24.61 -0.09 0.00	25.36 -0.10 0.00	24.28 -0.15 0.00	24.90 0.09 0.00	26.79 0.12 0.00	31.71 0.23 0.00	38.20 0.27 0.00	38.52 0.15 0.00	31.27 -0.13 0.00	26.09 -0.31 0.00	21.43 -0.66 4.82	11.65 -0.68 13.03
ORANGEVILLE_WT_PWR 323706	20.10 -1.67 0.65	15.77 -1.26 0.00	17.20 -1.75 2.45	14.73 -1.59 1.62	14.28 -1.58 2.04	14.39 -1.46 1.37	18.59 -1.68 0.46	22.39 -1.87 0.64	19.66 -1.67 2.25	22.61 -1.38 0.00	24.23 -1.04 0.00	24.62 -0.57 0.00	24.21 -0.49 0.00	21.98 -0.23 3.24	23.67 -0.77 0.00	24.36 -0.45 0.00	26.00 -0.67 0.00	30.68 -0.81 0.00	36.73 -1.20 0.00	33.79 -2.00 2.59	28.85 -2.11 0.44	24.49 -1.91 0.00	19.95 -2.29 4.68	10.57 -2.15 12.64
ORANGEVILLE___ESR 323794	20.10 -1.67 0.65	15.77 -1.26 0.00	17.20 -1.75 2.45	14.73 -1.59 1.62	14.28 -1.58 2.04	14.39 -1.46 1.37	18.59 -1.68 0.46	22.39 -1.87 0.64	19.66 -1.67 2.25	22.61 -1.38 0.00	24.23 -1.04 0.00	24.62 -0.57 0.00	24.21 -0.49 0.00	21.98 -0.23 3.24	23.67 -0.77 0.00	24.36 -0.45 0.00	26.00 -0.67 0.00	30.68 -0.81 0.00	36.73 -1.20 0.00	33.79 -2.00 2.59	28.85 -2.11 0.44	24.49 -1.91 0.00	19.95 -2.29 4.68	10.57 -2.15 12.64
OSWEGATCHIE___HYD 24044	22.06 -0.35 0.00	16.78 -0.26 0.00	21.07 -0.33 0.00	17.64 -0.31 0.00	17.57 -0.33 0.00	16.82 -0.39 0.00	20.43 -0.31 0.00	24.47 -0.43 0.00	23.05 -0.53 0.00	23.48 -0.51 0.00	24.76 -0.51 0.00	24.60 -0.60 0.00	24.08 -0.62 0.00	24.80 -0.65 0.00	23.67 -0.76 0.00	23.89 -0.93 0.00	25.67 -1.00 0.00	30.41 -1.07 0.00	37.22 -0.70 0.00	38.23 -0.15 0.00	31.03 -0.38 0.00	25.86 -0.54 0.00	26.51 -0.40 0.00	24.98 -0.38 0.00
OSWEGO___5 23606	21.95 -0.46 0.00	16.70 -0.34 0.00	20.96 -0.44 0.00	17.57 -0.38 0.00	17.53 -0.37 0.00	16.87 -0.35 0.00	20.32 -0.42 0.00	24.33 -0.57 0.00	23.04 -0.54 0.00	23.45 -0.54 0.00	24.70 -0.57 0.00	24.67 -0.52 0.00	24.19 -0.51 0.00	24.94 -0.52 0.00	23.94 -0.50 0.00	24.39 -0.43 0.00	26.24 -0.43 0.00	31.01 -0.47 0.00	37.36 -0.57 0.00	37.71 -0.66 0.00	30.79 -0.61 0.00	25.84 -0.55 0.00	26.24 -0.67 0.00	24.83 -0.53 0.00

OSWEGO___6 23613	21.95 -0.46 0.00	16.70 -0.34 0.00	20.96 -0.44 0.00	17.57 -0.38 0.00	17.53 -0.37 0.00	16.87 -0.35 0.00	20.32 -0.42 0.00	24.33 -0.57 0.00	23.04 -0.54 0.00	23.45 -0.54 0.00	24.70 -0.57 0.00	24.67 -0.52 0.00	24.19 -0.51 0.00	24.94 -0.52 0.00	23.94 -0.50 0.00	24.39 -0.43 0.00	26.24 -0.43 0.00	31.01 -0.47 0.00	37.36 -0.57 0.00	37.71 -0.66 0.00	30.79 -0.61 0.00	25.84 -0.55 0.00	26.24 -0.67 0.00	24.83 -0.53 0.00
OUTOKUMPU-AB___DRP 24206	20.35 -1.60 0.47	15.81 -1.23 0.00	17.93 -1.69 1.78	15.22 -1.55 1.18	14.89 -1.53 1.49	14.81 -1.41 0.99	18.77 -1.63 0.34	22.56 -1.87 0.46	20.31 -1.64 1.64	22.57 -1.43 0.00	24.15 -1.12 0.00	24.51 -0.68 0.00	24.03 -0.67 0.00	29.05 -0.22 -3.82	24.33 -1.01 -0.91	24.12 -0.69 0.00	25.70 -0.98 0.00	30.31 -1.17 0.00	36.35 -1.58 0.00	32.70 -2.54 3.13	28.55 -2.32 0.53	24.54 -1.86 0.00	21.46 -2.03 3.42	14.31 -1.79 9.25
OXBOW___BTM 323836	20.13 -1.82 0.46	15.64 -1.40 0.00	17.76 -1.90 1.75	15.07 -1.73 1.16	14.75 -1.70 1.46	14.67 -1.56 0.97	18.57 -1.84 0.33	22.30 -2.14 0.46	20.09 -1.89 1.61	22.31 -1.68 0.00	23.86 -1.40 0.00	24.24 -0.95 0.00	23.76 -0.94 0.00	26.87 -0.57 -1.99	23.55 -1.31 -0.42	23.80 -1.01 0.00	25.35 -1.33 0.00	29.88 -1.60 0.00	35.86 -2.08 0.00	31.94 -3.09 3.34	28.12 -2.72 0.57	24.22 -2.18 0.00	21.20 -2.35 3.36	14.20 -2.08 9.08
OXBOW____ 24026	20.13 -1.82 0.46	15.64 -1.40 0.00	17.75 -1.90 1.75	15.06 -1.73 1.16	14.75 -1.70 1.46	14.67 -1.57 0.97	18.57 -1.84 0.33	22.30 -2.14 0.46	20.08 -1.89 1.61	22.31 -1.68 0.00	23.86 -1.40 0.00	24.24 -0.95 0.00	23.76 -0.94 0.00	26.87 -0.58 -1.99	23.55 -1.31 -0.42	23.80 -1.01 0.00	25.34 -1.33 0.00	29.88 -1.60 0.00	35.86 -2.08 0.00	31.95 -3.08 3.34	28.11 -2.73 0.57	24.21 -2.18 0.00	21.22 -2.33 3.36	14.23 -2.05 9.08
OXY_CHEM_DSASP 323612	19.90 -2.06 0.45	15.47 -1.57 0.00	17.57 -2.12 1.71	14.91 -1.90 1.14	14.60 -1.88 1.43	14.53 -1.73 0.96	18.36 -2.05 0.32	22.02 -2.43 0.45	19.84 -2.16 1.58	22.03 -1.96 0.00	23.56 -1.70 0.00	23.94 -1.25 0.00	23.45 -1.25 0.00	24.47 -0.98 0.00	22.77 -1.66 0.00	23.42 -1.40 0.00	24.92 -1.75 0.00	29.36 -2.13 0.00	35.23 -2.70 0.00	31.09 -3.72 3.56	27.59 -3.21 0.61	23.84 -2.55 0.00	20.93 -2.69 3.29	14.11 -2.34 8.91
OZONE_PARK_ESR 323760	23.31 0.90 0.00	17.67 0.64 0.00	22.17 0.77 0.00	18.68 0.73 0.00	18.62 0.72 0.00	17.88 0.67 0.00	21.66 0.93 0.00	26.12 1.23 0.00	24.81 1.22 0.00	25.22 1.23 0.00	26.67 1.40 0.00	26.61 1.41 0.00	26.20 1.50 0.00	27.05 1.59 0.00	26.15 1.71 0.00	26.85 2.04 0.00	28.89 2.22 0.00	34.15 2.67 0.00	40.75 2.82 0.00	40.95 2.67 0.09	33.57 2.18 0.02	28.19 1.79 0.00	28.51 1.60 0.00	26.65 1.29 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	19.90 -2.06 0.45	15.47 -1.57 0.00	17.57 -2.12 1.71	14.91 -1.90 1.14	14.60 -1.88 1.43	14.53 -1.73 0.96	18.36 -2.05 0.32	22.02 -2.43 0.45	19.84 -2.16 1.58	22.03 -1.96 0.00	23.56 -1.70 0.00	23.94 -1.25 0.00	23.45 -1.25 0.00	24.47 -0.98 0.00	22.77 -1.66 0.00	23.42 -1.40 0.00	24.92 -1.75 0.00	29.36 -2.13 0.00	35.23 -2.70 0.00	31.09 -3.72 3.56	27.59 -3.21 0.61	23.84 -2.55 0.00	20.93 -2.69 3.29	14.11 -2.34 8.91
PACKARD___115KV_DUPONT_184 80571	19.90 -2.06 0.45	15.47 -1.57 0.00	17.57 -2.12 1.71	14.91 -1.90 1.14	14.60 -1.88 1.43	14.53 -1.73 0.96	18.36 -2.05 0.32	22.02 -2.43 0.45	19.84 -2.16 1.58	22.03 -1.96 0.00	23.56 -1.70 0.00	23.94 -1.25 0.00	23.45 -1.25 0.00	24.47 -0.98 0.00	22.77 -1.66 0.00	23.42 -1.40 0.00	24.92 -1.75 0.00	29.36 -2.13 0.00	35.23 -2.70 0.00	31.09 -3.72 3.56	27.59 -3.21 0.61	23.84 -2.55 0.00	20.93 -2.69 3.29	14.11 -2.34 8.91
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	23.09 0.68 0.00	17.52 0.48 0.00	22.01 0.61 0.00	18.53 0.58 0.00	18.47 0.57 0.00	17.76 0.55 0.00	21.46 0.72 0.00	25.85 0.96 0.00	24.59 1.00 0.00	24.96 0.97 0.00	26.40 1.14 0.00	26.33 1.13 0.00	25.89 1.19 0.00	26.73 1.27 0.00	25.85 1.41 -0.01	26.52 1.70 0.00	28.53 1.85 0.00	33.72 2.23 0.00	40.22 2.29 0.00	40.49 2.22 0.09	33.22 1.83 0.02	27.89 1.50 0.00	28.21 1.30 0.00	26.41 1.06 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	23.17 0.75 0.00	17.58 0.55 0.00	22.10 0.69 0.00	18.60 0.64 0.00	18.54 0.64 0.00	17.83 0.62 0.00	21.56 0.82 0.00	25.96 1.06 0.00	24.71 1.13 0.00	25.06 1.06 0.00	26.49 1.22 0.00	26.40 1.21 0.00	25.97 1.27 0.00	26.79 1.33 0.00	25.92 1.48 -0.01	26.53 1.71 0.00	28.60 1.92 0.00	33.83 2.35 0.00	40.33 2.41 0.00	40.60 2.32 0.09	33.39 2.00 0.02	28.02 1.63 0.00	28.36 1.45 0.00	26.56 1.20 0.00
PATROON___115KV_TB1 80586	22.69 0.28 0.00	17.39 0.35 0.00	21.90 0.49 0.00	18.43 0.48 0.00	18.38 0.48 0.00	17.65 0.44 0.00	21.13 0.39 0.00	25.33 0.44 0.00	24.00 0.42 0.00	24.36 0.36 0.00	25.61 0.35 0.00	25.46 0.27 0.00	24.93 0.23 0.00	25.63 0.17 0.00	24.68 0.25 0.00	25.19 0.38 0.00	27.22 0.54 0.00	32.18 0.70 0.00	38.80 0.87 0.00	39.29 1.00 0.07	32.24 0.84 0.01	27.06 0.66 0.00	27.47 0.56 0.00	25.82 0.47 0.00
PATTRSNVILLE___SOLAR 323815	23.11 0.69 0.00	17.55 0.51 0.00	22.08 0.68 0.00	18.54 0.59 0.00	18.49 0.59 0.00	17.79 0.58 0.00	21.47 0.73 0.00	25.71 0.81 0.00	24.15 0.57 0.00	24.37 0.38 0.00	25.57 0.31 0.00	25.44 0.24 0.00	24.93 0.23 0.00	25.70 0.24 0.00	24.73 0.30 0.00	25.25 0.44 0.00	27.25 0.58 0.00	32.41 0.93 0.00	39.39 1.46 0.00	39.97 1.68 0.08	32.78 1.39 0.01	27.54 1.14 0.00	27.94 1.03 0.00	26.24 0.88 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	20.38 -1.50 0.54	15.90 -1.14 0.00	17.80 -1.57 2.04	15.18 -1.42 1.35	14.82 -1.39 1.70	14.78 -1.30 1.14	18.87 -1.48 0.38	22.73 -1.63 0.53	20.26 -1.45 1.88	22.76 -1.23 0.00	24.33 -0.93 0.00	24.71 -0.48 0.00	24.26 -0.44 0.00	25.42 -0.12 -0.09	23.96 -0.68 -0.21	24.47 -0.34 0.00	26.10 -0.57 0.00	30.81 -0.67 0.00	36.92 -1.01 0.00	33.52 -1.78 3.07	29.09 -1.80 0.52	24.87 -1.53 0.00	21.17 -1.81 3.93	13.09 -1.65 10.62
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	23.17 0.76 0.00	17.59 0.55 0.00	22.08 0.68 0.00	18.60 0.65 0.00	18.54 0.64 0.00	17.84 0.62 0.00	21.57 0.83 0.00	25.99 1.09 0.00	24.65 1.06 0.00	25.03 1.04 0.00	26.42 1.16 0.00	26.36 1.16 0.00	25.90 1.21 0.00	26.74 1.29 0.00	25.82 1.39 0.00	26.49 1.68 0.00	28.55 1.88 0.00	33.78 2.30 0.00	40.47 2.54 0.00	40.74 2.46 0.09	33.38 1.99 0.02	28.01 1.61 0.00	28.31 1.40 0.00	26.47 1.11 0.00
PEEKSKILL____ 23653	22.96 0.54 0.00	17.42 0.39 0.00	21.88 0.48 0.00	18.44 0.48 0.00	18.37 0.47 0.00	17.66 0.45 0.00	21.35 0.62 0.00	25.73 0.84 0.00	24.41 0.82 0.00	24.79 0.80 0.00	26.20 0.94 0.00	26.15 0.96 0.00	25.71 1.01 0.00	26.53 1.07 0.00	25.65 1.22 0.00	26.31 1.50 0.00	28.31 1.64 0.00	33.47 1.99 0.00	40.02 2.09 0.00	40.27 2.00 0.09	33.00 1.61 0.02	27.73 1.33 0.00	28.04 1.13 0.00	26.27 0.91 0.00

PGE MADISON___WINDPWR 24146	24.44 1.00 -1.03	17.61 0.57 0.00	26.09 0.79 -3.89	21.17 0.64 -2.58	21.83 0.68 -3.24	20.28 0.90 -2.17	22.76 1.29 -0.73	27.46 1.63 -0.94	28.17 1.27 -3.32	25.07 1.08 0.00	26.29 1.03 0.00	26.24 1.04 0.00	25.72 1.02 0.00	26.52 1.06 0.00	25.38 0.95 0.00	26.00 1.19 0.00	28.18 1.51 0.00	33.58 2.09 0.00	40.93 3.00 0.00	40.79 2.95 0.53	33.26 1.94 0.09	27.55 1.15 0.00	34.93 0.71 -7.32	45.77 0.63 -19.78
PIERCEFIELD___HYD 23852	22.10 -0.31 0.00	16.73 -0.31 0.00	20.93 -0.47 0.00	17.50 -0.45 0.00	17.43 -0.47 0.00	16.74 -0.48 0.00	20.27 -0.47 0.00	24.38 -0.52 0.00	23.01 -0.58 0.00	23.42 -0.57 0.00	24.66 -0.60 0.00	24.51 -0.68 0.00	24.00 -0.69 0.00	24.73 -0.73 0.00	23.56 -0.88 0.00	23.71 -1.10 0.00	25.40 -1.27 0.00	29.82 -1.66 0.00	36.31 -1.62 0.00	37.22 -1.15 0.00	30.48 -0.93 0.00	25.52 -0.88 0.00	26.27 -0.64 0.00	24.75 -0.61 0.00
PINELAWN_CC_1 323563	23.35 0.93 0.00	17.71 0.67 0.00	22.21 0.80 0.00	18.73 0.78 0.00	18.67 0.76 0.00	17.99 0.78 0.00	23.73 1.16 -1.83	29.38 1.52 -2.97	24.97 1.39 0.00	25.25 1.25 0.00	26.65 1.39 0.00	26.54 1.35 0.00	26.14 1.44 0.00	26.88 1.43 0.00	25.93 1.49 0.00	26.48 1.67 0.00	28.37 1.69 0.00	33.43 1.95 0.00	39.84 1.91 0.00	40.11 1.83 0.09	33.05 1.66 0.02	27.93 1.53 0.00	28.60 1.69 0.00	26.70 1.35 0.00
PJM_GEN_HTP_PROXY 323702	23.09 0.67 0.00	17.51 0.47 0.00	21.97 0.56 0.00	18.51 0.56 0.00	18.47 0.56 0.00	17.73 0.51 0.00	21.45 0.72 0.00	26.79 0.96 -0.95	24.54 0.96 0.00	24.96 0.96 0.00	26.37 1.11 0.00	26.32 1.12 0.00	25.91 1.21 0.00	26.74 1.28 0.00	25.85 1.42 0.00	26.53 1.72 0.00	28.54 1.87 0.00	33.74 2.26 0.00	40.27 2.34 0.00	40.48 2.20 0.09	33.16 1.77 0.02	27.87 1.48 0.00	28.19 1.27 0.00	26.38 1.02 0.00
PJM_GEN_KEystone 24065	21.54 -0.61 0.26	16.59 -0.45 0.00	12.82 -0.61 7.97	10.90 -0.48 6.57	14.31 -0.48 3.11	11.45 -0.45 5.31	20.06 -0.49 0.19	25.13 -0.45 -0.68	22.24 -0.41 0.93	23.63 -0.36 0.00	25.09 -0.18 0.00	25.23 0.04 0.00	24.81 0.12 0.01	25.71 0.26 0.01	24.64 0.21 0.00	25.33 0.52 0.00	27.17 0.49 0.00	32.11 0.62 0.00	38.33 0.40 0.00	37.20 0.11 1.28	31.13 -0.06 0.22	26.31 -0.08 0.00	24.56 -0.36 1.99	19.53 -0.45 5.38
PJM_GEN_NEPTUNE_PROXY 323594	23.13 0.72 0.00	17.54 0.51 0.00	22.00 0.60 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.81 0.60 0.00	22.59 0.90 -0.96	28.61 1.18 -2.53	24.69 1.10 0.00	25.00 1.01 0.00	26.44 1.17 0.00	26.35 1.16 0.00	25.95 1.25 0.00	26.82 1.36 0.00	25.93 1.50 0.00	26.52 1.71 0.00	28.48 1.80 0.00	33.56 2.08 0.00	40.01 2.08 0.00	40.26 1.98 0.09	33.11 1.72 0.02	27.85 1.45 0.00	28.28 1.37 0.00	26.45 1.09 0.00
PJM_GEN_VFT_PROXY 323633	23.01 0.60 0.00	17.46 0.42 0.00	21.91 0.51 0.00	18.46 0.51 0.00	18.38 0.47 0.00	17.63 0.42 0.00	21.34 0.60 0.00	26.67 0.83 -0.95	24.42 0.84 0.00	24.81 0.82 0.00	26.22 0.96 0.00	26.18 0.98 0.00	25.63 1.06 0.13	26.52 1.13 0.06	25.73 1.29 0.00	26.44 1.63 0.00	28.44 1.77 0.00	33.63 2.15 0.00	40.13 2.21 0.00	40.34 2.06 0.09	33.03 1.64 0.02	27.78 1.39 0.00	28.09 1.18 0.00	26.33 0.97 0.00
PLATSBURG_115KV_PMLD1 355749	23.38 0.97 0.00	17.57 0.53 0.00	22.05 0.65 0.00	18.49 0.54 0.00	18.38 0.48 0.00	17.65 0.44 0.00	21.15 0.41 0.00	25.35 0.46 0.00	24.05 0.46 0.00	24.49 0.50 0.00	25.78 0.52 0.00	25.69 0.50 0.00	25.26 0.56 0.00	26.01 0.55 0.00	24.90 0.47 0.00	25.36 0.55 0.00	27.13 0.46 0.00	31.37 -0.11 0.00	37.75 -0.18 0.00	38.37 0.00 0.00	31.29 -0.12 0.00	26.00 -0.40 0.00	26.68 -0.23 0.00	25.26 -0.10 0.00
PLEASANTVLY___LBMP 24000	22.89 0.48 0.00	17.39 0.35 0.00	21.87 0.47 0.00	18.42 0.47 0.00	18.36 0.46 0.00	17.65 0.44 0.00	21.30 0.56 0.00	25.63 0.73 0.00	24.31 0.72 0.00	24.69 0.70 0.00	26.04 0.78 0.00	25.96 0.76 0.00	25.49 0.79 0.00	26.27 0.82 0.00	25.35 0.92 0.00	25.98 1.17 0.00	27.97 1.30 0.00	33.06 1.58 0.00	39.65 1.72 0.00	40.00 1.71 0.09	32.79 1.40 0.02	27.54 1.15 0.00	27.89 0.98 0.00	26.13 0.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.03 0.61 0.00	17.47 0.44 0.00	21.93 0.53 0.00	18.49 0.54 0.00	18.44 0.54 0.00	17.72 0.50 0.00	21.42 0.69 0.00	25.80 0.91 0.00	24.49 0.91 0.00	24.88 0.89 0.00	26.27 1.00 0.00	26.21 1.02 0.00	25.77 1.07 0.00	26.59 1.13 0.00	25.68 1.25 0.00	26.34 1.53 0.00	28.35 1.68 0.00	33.52 2.04 0.00	40.10 2.16 0.09	40.38 2.10 0.09	33.08 1.69 0.02	27.78 1.39 0.00	28.12 1.21 0.00	26.32 0.96 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.03 0.61 0.00	17.47 0.44 0.00	21.93 0.53 0.00	18.49 0.54 0.00	18.44 0.54 0.00	17.72 0.50 0.00	21.42 0.69 0.00	25.80 0.91 0.00	24.49 0.91 0.00	24.88 0.89 0.00	26.27 1.00 0.00	26.21 1.02 0.00	25.77 1.07 0.00	26.59 1.13 0.00	25.68 1.25 0.00	26.34 1.53 0.00	28.35 1.68 0.00	33.52 2.04 0.00	40.10 2.16 0.09	40.38 2.10 0.09	33.08 1.69 0.02	27.78 1.39 0.00	28.12 1.21 0.00	26.32 0.96 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.06 0.64 0.00	17.50 0.47 0.00	21.99 0.59 0.00	18.52 0.57 0.00	18.47 0.56 0.00	17.76 0.55 0.00	21.45 0.72 0.00	25.84 0.94 0.00	24.50 0.91 0.00	24.87 0.88 0.00	26.20 0.94 0.00	26.13 0.94 0.00	25.67 0.97 0.00	26.48 1.02 0.00	25.55 1.12 0.00	26.23 1.41 0.00	28.26 1.59 0.00	33.44 1.96 0.00	40.15 2.22 0.00	40.44 2.17 0.09	33.15 1.76 0.02	27.82 1.42 0.00	28.13 1.22 0.00	26.34 0.98 0.00
POLETTI___ 23519	23.07 0.66 0.00	17.51 0.47 0.00	21.97 0.57 0.00	18.52 0.57 0.00	18.46 0.56 0.00	17.73 0.52 0.00	21.44 0.70 0.00	25.83 0.94 0.00	24.54 0.95 0.00	24.94 0.95 0.00	26.36 1.10 0.00	26.31 1.11 0.00	25.89 1.20 0.00	26.72 1.27 0.00	25.85 1.41 0.00	26.52 1.71 0.00	28.53 1.85 0.00	33.71 2.23 0.00	40.24 2.31 0.00	40.44 2.17 0.09	33.15 1.76 0.02	27.85 1.45 0.00	28.17 1.26 0.00	26.37 1.01 0.00
POMONA___ESR 323819	22.93 0.52 0.00	17.40 0.36 0.00	21.85 0.44 0.00	18.41 0.46 0.00	18.34 0.44 0.00	17.63 0.42 0.00	21.32 0.59 0.00	25.71 0.82 0.00	24.39 0.80 0.00	24.77 0.78 0.00	26.18 0.92 0.00	26.15 0.96 0.00	25.71 1.01 0.00	26.54 1.08 0.00	25.67 1.24 0.00	26.35 1.54 0.00	28.36 1.69 0.00	33.54 2.06 0.00	40.09 2.16 0.00	40.33 2.06 0.10	33.02 1.63 0.02	27.74 1.34 0.00	28.06 1.15 0.00	26.28 0.93 0.00
PORT_JEFF_3 23555	23.33 0.92 0.00	17.67 0.63 0.00	22.16 0.76 0.00	18.72 0.77 0.00	18.65 0.74 0.00	17.98 0.77 0.00	23.73 1.16 -1.83	29.36 1.49 -2.97	24.93 1.34 0.00	25.19 1.20 0.00	26.56 1.30 0.00	26.43 1.24 0.00	26.08 1.38 0.00	27.04 1.59 0.00	26.17 1.74 0.00	26.77 1.96 0.00	28.70 2.02 0.00	33.75 2.27 0.00	40.12 2.19 0.09	40.46 2.18 0.09	33.47 2.08 0.02	28.10 1.71 0.00	28.57 1.66 0.00	26.67 1.31 0.00

PORT_JEFF_4 23616	23.33 0.92 0.00	17.67 0.63 0.00	22.16 0.76 0.00	18.72 0.77 0.00	18.65 0.74 0.00	17.98 0.77 0.00	23.73 1.16 -1.83	29.36 1.49 -2.97	24.93 1.34 0.00	25.19 1.20 0.00	26.56 1.30 0.00	26.43 1.24 0.00	26.08 1.38 0.00	27.04 1.59 0.00	26.17 1.74 0.00	26.77 1.96 0.00	28.70 2.02 0.00	33.75 2.27 0.00	40.12 2.19 0.00	40.46 2.18 0.09	33.47 2.08 0.02	28.10 1.71 0.00	28.57 1.66 0.00	26.67 1.31 0.00
PORT_JEFF_IC 23713	23.35 0.94 0.00	17.68 0.64 0.00	22.17 0.77 0.00	18.72 0.77 0.00	18.66 0.75 0.00	17.99 0.78 0.00	23.74 1.17 -1.83	29.38 1.51 -2.97	24.95 1.37 0.00	25.22 1.23 0.00	26.59 1.33 0.00	26.46 1.27 0.00	26.12 1.42 0.00	27.08 1.62 0.00	26.22 1.78 0.00	26.81 2.00 0.00	28.65 1.98 0.00	33.71 2.22 0.00	40.06 2.14 0.00	40.41 2.13 0.09	33.53 2.14 0.02	28.14 1.74 0.00	28.59 1.68 0.00	26.66 1.30 0.00
PPL PILGRIM_ST_GT1 24216	23.44 1.03 0.00	17.77 0.73 0.00	22.29 0.89 0.00	18.82 0.87 0.00	18.75 0.85 0.00	18.08 0.87 0.00	23.86 1.29 -1.83	29.53 1.67 -2.97	25.10 1.52 0.00	25.36 1.37 0.00	26.77 1.50 0.00	26.65 1.46 0.00	26.27 1.57 0.00	27.20 1.75 0.00	26.32 1.88 0.00	26.91 2.10 0.00	28.85 2.18 0.00	33.97 2.49 0.00	40.43 2.51 0.00	40.76 2.49 0.09	33.70 2.31 0.02	28.30 1.90 0.00	28.74 1.83 0.00	26.83 1.47 0.00
PPL PILGRIM_ST_GT2 24217	23.44 1.03 0.00	17.77 0.73 0.00	22.29 0.89 0.00	18.82 0.87 0.00	18.75 0.85 0.00	18.08 0.87 0.00	23.86 1.29 -1.83	29.53 1.67 -2.97	25.10 1.52 0.00	25.36 1.37 0.00	26.77 1.50 0.00	26.65 1.46 0.00	26.27 1.57 0.00	27.20 1.75 0.00	26.32 1.88 0.00	26.91 2.10 0.00	28.85 2.18 0.00	33.97 2.49 0.00	40.43 2.51 0.00	40.76 2.49 0.09	33.70 2.31 0.02	28.30 1.90 0.00	28.74 1.83 0.00	26.83 1.47 0.00
PPL_SHRM_GT3 24213	23.22 0.81 0.00	17.60 0.56 0.00	22.07 0.67 0.00	18.64 0.69 0.00	18.58 0.68 0.00	17.93 0.71 0.00	23.64 1.07 -1.83	29.22 1.35 -2.97	24.77 1.19 0.00	25.00 1.00 0.00	26.31 1.04 0.00	26.12 0.92 0.00	25.85 1.15 0.00	26.83 1.38 0.00	25.95 1.52 0.00	26.56 1.74 0.00	28.58 1.91 0.00	33.57 2.09 0.00	39.78 1.85 0.00	40.26 1.98 0.09	33.24 1.85 0.02	27.92 1.52 0.00	28.44 1.53 0.00	26.51 1.15 0.00
PPL_SHRM_GT4 24214	23.22 0.81 0.00	17.60 0.56 0.00	22.07 0.67 0.00	18.64 0.69 0.00	18.58 0.68 0.00	17.93 0.71 0.00	23.64 1.07 -1.83	29.22 1.35 -2.97	24.77 1.19 0.00	25.00 1.00 0.00	26.31 1.04 0.00	26.12 0.92 0.00	25.85 1.15 0.00	26.83 1.38 0.00	25.95 1.52 0.00	26.56 1.74 0.00	28.58 1.91 0.00	33.57 2.09 0.00	39.78 1.85 0.00	40.26 1.98 0.09	33.24 1.85 0.02	27.92 1.52 0.00	28.44 1.53 0.00	26.51 1.15 0.00
PROJECT___ORANGE 1 24174	22.14 -0.28 0.00	16.83 -0.21 0.00	21.12 -0.28 0.00	17.71 -0.24 0.00	17.67 -0.23 0.00	17.01 -0.21 0.00	20.50 -0.24 0.00	24.55 -0.35 0.00	23.26 -0.33 0.00	23.68 -0.32 0.00	24.95 -0.31 0.00	24.94 -0.25 0.00	24.46 -0.24 0.00	25.25 -0.20 0.00	24.22 -0.22 0.00	24.70 -0.11 0.00	26.61 -0.07 0.00	31.56 0.08 0.00	38.02 0.09 0.00	38.32 -0.05 0.00	31.25 -0.16 0.00	26.18 -0.21 0.00	26.55 -0.36 0.00	25.10 -0.26 0.00
PROJECT___ORANGE 2 24166	22.14 -0.28 0.00	16.83 -0.21 0.00	21.12 -0.28 0.00	17.71 -0.24 0.00	17.67 -0.23 0.00	17.01 -0.21 0.00	20.50 -0.24 0.00	24.55 -0.35 0.00	23.26 -0.33 0.00	23.68 -0.32 0.00	24.95 -0.31 0.00	24.94 -0.25 0.00	24.46 -0.24 0.00	25.25 -0.20 0.00	24.22 -0.22 0.00	24.70 -0.11 0.00	26.61 -0.07 0.00	31.56 0.08 0.00	38.02 0.09 0.00	38.32 -0.05 0.00	31.25 -0.16 0.00	26.18 -0.21 0.00	26.55 -0.36 0.00	25.10 -0.26 0.00
PUCKETT___SOLAR 323809	22.44 0.03 0.00	17.00 -0.04 0.00	21.39 -0.01 0.00	17.94 -0.01 0.00	17.91 0.01 0.00	17.29 0.07 0.00	20.90 0.16 0.00	25.09 0.20 0.00	23.65 0.07 0.00	23.96 -0.03 0.00	25.24 -0.02 0.00	25.27 0.07 0.00	24.82 0.12 0.00	25.60 0.14 0.00	24.55 0.11 0.00	25.14 0.33 0.00	27.11 0.44 0.00	32.11 0.63 0.00	38.75 0.82 0.00	38.43 0.71 0.65	31.62 0.32 0.11	26.49 0.09 0.00	26.73 -0.18 0.00	25.17 -0.19 0.00
PYRITES___HYD 24023	22.73 0.31 0.00	17.20 0.17 0.00	21.50 0.10 0.00	17.95 0.00 0.00	17.89 -0.01 0.00	17.21 -0.01 0.00	20.86 0.12 0.00	25.03 0.13 0.00	23.52 -0.07 0.00	23.88 -0.11 0.00	25.15 -0.11 0.00	24.99 -0.21 0.00	24.47 -0.23 0.00	25.22 -0.23 0.00	24.03 -0.41 0.00	24.15 -0.67 0.00	25.86 -0.81 0.00	30.38 -1.10 0.00	37.12 -0.81 0.00	38.25 -0.12 0.00	31.44 0.03 0.00	26.31 -0.08 0.00	27.05 0.14 0.00	25.44 0.08 0.00
QUAKERRD_115KV_BK1 80622	20.97 -1.15 0.30	16.16 -0.87 0.00	19.07 -1.20 1.13	16.13 -1.07 0.75	15.91 -1.05 0.94	15.61 -0.97 0.63	19.40 -1.12 0.21	23.28 -1.32 0.29	21.34 -1.21 1.03	22.86 -1.13 0.00	24.22 -1.04 0.00	24.38 -0.81 0.00	23.91 -0.79 0.00	25.23 -0.90 -0.67	23.53 -0.90 0.00	24.07 -0.74 0.00	25.88 -0.80 0.00	30.66 -0.82 0.00	36.94 -0.99 0.00	37.33 -1.49 -0.45	30.11 -1.38 -0.08	25.19 -1.20 0.00	23.33 -1.43 2.15	18.24 -1.30 5.81
QUENSBRY_115KV_TB8 356137	23.93 1.52 0.00	18.05 1.01 0.00	22.78 1.38 0.00	19.16 1.21 0.00	19.13 1.23 0.00	18.42 1.20 0.00	22.31 1.57 0.00	26.83 1.93 0.00	25.29 1.70 0.00	25.50 1.51 0.00	26.55 1.28 0.00	26.30 1.11 0.00	25.65 0.96 0.00	26.41 0.96 0.00	25.44 1.01 0.00	26.12 1.31 0.00	28.35 1.68 0.00	33.61 2.13 0.00	41.06 3.14 0.00	41.62 3.32 0.07	34.31 2.92 0.01	28.80 2.40 0.00	29.20 2.29 0.00	27.26 1.91 0.00
RAMAPO___LBMP 323565	22.85 0.43 0.00	17.34 0.30 0.00	21.78 0.38 0.00	18.35 0.40 0.00	18.28 0.38 0.00	17.57 0.36 0.00	21.25 0.51 0.00	25.61 0.72 0.00	24.29 0.71 0.00	24.67 0.67 0.00	26.07 0.81 0.00	26.02 0.83 0.00	25.59 0.89 0.00	26.40 0.95 0.00	25.54 1.10 0.00	26.20 1.39 0.00	28.20 1.53 0.00	33.35 1.87 0.00	39.88 1.95 0.00	40.13 1.86 0.10	32.87 1.48 0.02	27.61 1.22 0.00	27.93 1.02 0.00	26.17 0.82 0.00
RANKINE____ 23646	20.33 -1.56 0.52	15.85 -1.18 0.00	17.76 -1.65 1.99	15.12 -1.51 1.32	14.76 -1.48 1.66	14.72 -1.38 1.11	18.78 -1.59 0.37	22.61 -1.77 0.52	20.19 -1.57 1.83	22.69 -1.30 0.00	24.29 -0.97 0.00	24.69 -0.51 0.00	24.24 -0.46 0.00	25.15 -0.13 0.17	23.68 -0.76 0.00	24.38 -0.43 0.00	25.99 -0.68 0.00	30.67 -0.82 0.00	36.74 -1.19 0.00	33.16 -2.06 3.15	28.85 -2.02 0.54	24.70 -1.70 0.00	21.10 -1.99 3.82	13.21 -1.82 10.33
RAVENSWOOD_GT2_1 24244	23.11 0.69 0.00	17.53 0.49 0.00	22.00 0.61 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.76 0.54 0.00	21.48 0.74 0.00	25.88 0.99 0.00	24.58 1.00 0.00	24.98 0.99 0.00	26.42 1.15 0.00	26.36 1.17 0.00	25.95 1.25 0.00	26.78 1.32 0.00	25.89 1.46 0.00	26.57 1.76 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.31 2.38 0.00	40.52 2.25 0.09	33.22 1.83 0.02	27.90 1.51 0.00	28.23 1.31 0.00	26.42 1.06 0.00

RAVENSWOOD_GT2_2 24245	23.11 0.69 0.00	17.53 0.49 0.00	22.00 0.61 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.76 0.54 0.00	21.48 0.74 0.00	25.88 0.99 0.00	24.58 1.00 0.00	24.98 0.99 0.00	26.42 1.15 0.00	26.36 1.17 0.00	25.95 1.25 0.00	26.78 1.32 0.00	25.89 1.46 0.00	26.57 1.76 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.31 2.38 0.00	40.52 2.25 0.09	33.22 1.83 0.02	27.90 1.51 0.00	28.23 1.31 0.00	26.42 1.06 0.00
RAVENSWOOD_GT2_3 24246	23.12 0.70 0.00	17.54 0.50 0.00	22.01 0.61 0.00	18.55 0.59 0.00	18.49 0.59 0.00	17.76 0.55 0.00	21.49 0.75 0.00	25.89 1.00 0.00	24.59 1.01 0.00	25.00 1.00 0.00	26.43 1.16 0.00	26.38 1.18 0.00	25.96 1.26 0.00	26.79 1.33 0.00	25.90 1.47 0.00	26.58 1.77 0.00	28.59 1.92 0.00	33.79 2.31 0.00	40.33 2.40 0.00	40.55 2.27 0.09	33.23 1.84 0.02	27.92 1.52 0.00	28.24 1.33 0.00	26.43 1.07 0.00
RAVENSWOOD_GT2_4 24247	23.12 0.70 0.00	17.54 0.50 0.00	22.01 0.61 0.00	18.55 0.59 0.00	18.49 0.59 0.00	17.76 0.55 0.00	21.49 0.75 0.00	25.89 1.00 0.00	24.59 1.01 0.00	25.00 1.00 0.00	26.43 1.16 0.00	26.38 1.18 0.00	25.96 1.26 0.00	26.79 1.33 0.00	25.90 1.47 0.00	26.58 1.77 0.00	28.59 1.92 0.00	33.79 2.31 0.00	40.33 2.40 0.00	40.55 2.27 0.09	33.23 1.84 0.02	27.92 1.52 0.00	28.24 1.33 0.00	26.43 1.07 0.00
RAVENSWOOD_GT3_1 24248	23.11 0.69 0.00	17.53 0.49 0.00	22.00 0.61 0.00	18.54 0.59 0.00	18.48 0.58 0.00	17.76 0.54 0.00	21.48 0.74 0.00	25.88 0.99 0.00	24.58 1.00 0.00	24.98 0.99 0.00	26.42 1.15 0.00	26.36 1.17 0.00	25.95 1.25 0.00	26.78 1.32 0.00	25.89 1.46 0.00	26.57 1.76 0.00	28.58 1.91 0.00	33.77 2.29 0.00	40.31 2.38 0.00	40.52 2.25 0.09	33.22 1.83 0.02	27.90 1.51 0.00	28.23 1.31 0.00	26.42 1.06 0.00
RAVENSWOOD_GT3_2 24249	23.11 0.69 0.00	17.53 0.49 0.00	22.00 0.61 0.00	18.54 0.59 0.00	18.48 0.58 0.00	17.76 0.54 0.00	21.48 0.74 0.00	25.88 0.99 0.00	24.58 1.00 0.00	24.98 0.99 0.00	26.42 1.15 0.00	26.36 1.17 0.00	25.95 1.25 0.00	26.78 1.32 0.00	25.89 1.46 0.00	26.57 1.76 0.00	28.58 1.91 0.00	33.77 2.29 0.00	40.31 2.38 0.00	40.52 2.25 0.09	33.22 1.83 0.02	27.90 1.51 0.00	28.23 1.31 0.00	26.42 1.06 0.00
RAVENSWOOD_GT3_3 24250	23.14 0.73 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.56 0.61 0.00	18.51 0.60 0.00	17.78 0.57 0.00	21.51 0.77 0.00	25.92 1.03 0.00	24.62 1.04 0.00	25.02 1.03 0.00	26.46 1.20 0.00	26.41 1.22 0.00	25.99 1.30 0.00	26.83 1.37 0.00	25.95 1.51 0.00	26.62 1.81 0.00	28.63 1.96 0.00	33.84 2.35 0.00	40.38 2.45 0.00	40.60 2.32 0.09	33.28 1.88 0.02	27.95 1.56 0.00	28.27 1.36 0.00	26.45 1.09 0.00
RAVENSWOOD_GT3_4 24251	23.14 0.73 0.00	17.56 0.52 0.00	22.03 0.63 0.00	18.56 0.61 0.00	18.51 0.60 0.00	17.78 0.57 0.00	21.51 0.77 0.00	25.92 1.03 0.00	24.62 1.04 0.00	25.02 1.03 0.00	26.46 1.20 0.00	26.41 1.22 0.00	25.99 1.30 0.00	26.83 1.37 0.00	25.95 1.51 0.00	26.62 1.81 0.00	28.63 1.96 0.00	33.84 2.35 0.00	40.38 2.45 0.00	40.60 2.32 0.09	33.28 1.88 0.02	27.95 1.56 0.00	28.27 1.36 0.00	26.45 1.09 0.00
RAVENSWOOD_GT_1 23729	23.42 0.75 -0.26	17.58 0.54 0.00	22.06 0.66 0.00	18.58 0.63 0.00	18.53 0.63 0.00	17.81 0.59 0.00	21.55 0.81 0.00	25.95 1.05 0.00	24.67 1.08 0.00	25.42 1.08 -0.35	28.96 1.27 -2.42	26.48 1.29 0.00	28.55 1.36 -2.50	29.50 1.44 -2.61	28.95 1.58 -2.94	30.93 1.89 -4.24	31.19 2.03 -2.49	35.16 2.40 -1.28	40.49 2.50 -0.06	40.64 2.36 0.09	34.89 1.93 -1.55	29.71 1.58 -1.74	28.75 1.39 -0.45	27.28 1.13 -0.79
RAVENSWOOD_GT_10 24258	23.14 0.69 -0.03	17.53 0.49 0.00	22.00 0.61 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.75 0.54 0.00	21.48 0.74 0.00	25.88 0.99 0.00	24.58 1.00 0.00	25.02 0.99 -0.04	26.69 1.15 -0.28	26.36 1.16 0.00	26.23 1.24 -0.29	27.07 1.32 -0.30	26.23 1.46 -0.34	27.03 1.76 -0.46	28.86 1.89 -0.28	33.91 2.28 -0.15	40.31 2.38 -0.01	40.52 2.25 0.09	33.40 1.83 -0.16	28.10 1.51 -0.20	28.28 1.31 -0.05	26.51 1.06 -0.09
RAVENSWOOD_GT_11 24259	23.14 0.69 -0.03	17.53 0.49 0.00	22.00 0.61 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.75 0.54 0.00	21.48 0.74 0.00	25.88 0.99 0.00	24.58 1.00 0.00	25.02 0.99 -0.04	26.69 1.15 -0.28	26.36 1.16 0.00	26.23 1.24 -0.29	27.07 1.32 -0.30	26.23 1.46 -0.34	27.03 1.76 -0.46	28.86 1.89 -0.28	33.91 2.28 -0.15	40.31 2.38 -0.01	40.52 2.25 0.09	33.40 1.83 -0.16	28.10 1.51 -0.20	28.28 1.31 -0.05	26.51 1.06 -0.09
RAVENSWOOD_GT_4 24252	23.30 0.69 -0.20	17.53 0.49 0.00	22.00 0.60 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.75 0.54 0.00	21.48 0.74 0.00	25.89 0.99 0.00	24.58 0.99 0.00	25.25 0.99 -0.27	28.25 1.14 -1.85	26.35 1.16 0.00	27.83 1.23 -1.90	28.74 1.30 -1.98	28.09 1.44 -2.22	29.62 1.73 -3.07	30.46 1.89 -1.89	34.73 2.27 -0.97	40.35 2.37 -0.05	40.52 2.24 0.09	34.40 1.81 -1.18	29.22 1.51 -1.32	28.56 1.31 -0.34	27.01 1.05 -0.60
RAVENSWOOD_GT_5 24254	23.30 0.69 -0.20	17.53 0.49 0.00	22.00 0.60 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.75 0.54 0.00	21.48 0.74 0.00	25.89 0.99 0.00	24.58 0.99 0.00	25.25 0.99 -0.27	28.25 1.14 -1.85	26.35 1.16 0.00	27.83 1.23 -1.90	28.74 1.30 -1.98	28.09 1.44 -2.22	29.62 1.73 -3.07	30.46 1.89 -1.89	34.73 2.27 -0.97	40.35 2.37 -0.05	40.52 2.24 0.09	34.40 1.81 -1.18	29.22 1.51 -1.32	28.56 1.31 -0.34	27.01 1.05 -0.60
RAVENSWOOD_GT_6 24253	23.30 0.69 -0.20	17.53 0.49 0.00	22.00 0.60 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.75 0.54 0.00	21.48 0.74 0.00	25.89 0.99 0.00	24.58 0.99 0.00	25.25 0.99 -0.27	28.25 1.14 -1.85	26.35 1.16 0.00	27.83 1.23 -1.90	28.74 1.30 -1.98	28.09 1.44 -2.22	29.62 1.73 -3.07	30.46 1.89 -1.89	34.73 2.27 -0.97	40.35 2.37 -0.05	40.52 2.24 0.09	34.40 1.81 -1.18	29.22 1.51 -1.32	28.56 1.31 -0.34	27.01 1.05 -0.60
RAVENSWOOD_GT_7 24255	23.30 0.69 -0.20	17.53 0.49 0.00	22.00 0.60 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.75 0.54 0.00	21.48 0.74 0.00	25.89 0.99 0.00	24.58 0.99 0.00	25.25 0.99 -0.27	28.25 1.14 -1.85	26.35 1.16 0.00	27.83 1.23 -1.90	28.74 1.30 -1.98	28.09 1.44 -2.22	29.62 1.73 -3.07	30.46 1.89 -1.89	34.73 2.27 -0.97	40.35 2.37 -0.05	40.52 2.24 0.09	34.40 1.81 -1.18	29.22 1.51 -1.32	28.56 1.31 -0.34	27.01 1.05 -0.60
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.14 0.69 -0.03	17.53 0.49 0.00	22.00 0.61 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.75 0.54 0.00	21.48 0.74 0.00	25.88 0.99 0.00	24.58 1.00 0.00	25.02 0.99 -0.04	26.69 1.15 -0.28	26.36 1.16 0.00	26.23 1.24 -0.29	27.07 1.32 -0.30	26.23 1.46 -0.34	27.03 1.76 -0.46	28.86 1.89 -0.28	33.91 2.28 -0.15	40.31 2.38 -0.01	40.52 2.25 0.09	33.40 1.83 -0.16	28.10 1.51 -0.20	28.28 1.31 -0.05	26.51 1.06 -0.09

RAVENSWOOD_GT_9 24257	23.14 0.69 -0.03	17.53 0.49 0.00	22.00 0.61 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.75 0.54 0.00	21.48 0.74 0.00	25.88 0.99 0.00	24.58 1.00 0.00	25.02 0.99 -0.04	26.69 1.15 -0.28	26.36 1.16 0.00	26.23 1.24 -0.29	27.07 1.32 -0.30	26.23 1.46 -0.34	27.03 1.76 -0.46	28.86 1.89 -0.28	33.91 2.28 -0.15	40.31 2.38 -0.01	40.52 2.25 0.09	33.40 1.83 -0.16	28.10 1.51 -0.20	28.28 1.31 -0.05	26.51 1.06 -0.09
RAVENSWOOD___1 23533	22.87 0.71 0.26	17.55 0.52 0.00	22.02 0.62 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.51 0.77 0.00	25.89 1.00 0.00	24.62 1.04 0.00	24.67 1.03 0.35	24.09 1.21 2.39	26.43 1.24 0.00	23.56 1.31 2.46	24.28 1.39 2.56	23.10 1.53 2.87	22.68 1.84 3.97	26.21 1.98 2.45	32.58 2.36 1.26	40.31 2.44 0.06	40.60 2.32 0.09	31.74 1.89 1.56	26.24 1.55 1.71	27.82 1.35 0.44	25.68 1.10 0.78
RAVENSWOOD___2 23534	22.87 0.71 0.26	17.55 0.52 0.00	22.02 0.62 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.51 0.77 0.00	25.89 1.00 0.00	24.62 1.04 0.00	24.67 1.03 0.35	24.09 1.21 2.39	26.43 1.24 0.00	23.56 1.31 2.46	24.28 1.39 2.56	23.10 1.53 2.87	22.68 1.84 3.97	26.21 1.98 2.45	32.58 2.36 1.26	40.31 2.44 0.06	40.60 2.32 0.09	31.74 1.89 1.56	26.24 1.55 1.71	27.82 1.35 0.44	25.68 1.10 0.78
RAVENSWOOD___3 23535	23.11 0.69 0.00	17.53 0.49 0.00	22.00 0.60 0.00	18.54 0.59 0.00	18.48 0.57 0.00	17.76 0.54 0.00	21.48 0.74 0.00	25.89 0.99 0.00	24.58 1.00 0.00	24.98 0.99 0.00	26.42 1.15 0.00	26.36 1.17 0.00	25.95 1.25 0.00	26.78 1.32 0.00	25.89 1.46 0.00	26.57 1.76 0.00	28.58 1.90 0.00	33.77 2.29 0.00	40.31 2.38 0.00	40.53 2.26 0.09	33.22 1.83 0.02	27.91 1.52 0.00	28.23 1.32 0.00	26.43 1.07 0.00
RAVENSWOOD___4 23820	22.87 0.71 0.26	17.55 0.52 0.00	22.02 0.62 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.51 0.77 0.00	25.89 1.00 0.00	24.62 1.04 0.00	24.67 1.03 0.35	24.09 1.21 2.39	26.43 1.24 0.00	23.56 1.31 2.46	24.28 1.39 2.56	23.10 1.53 2.87	22.68 1.84 3.97	26.21 1.98 2.45	32.58 2.36 1.26	40.31 2.44 0.06	40.60 2.32 0.09	31.74 1.89 1.56	26.24 1.55 1.71	27.82 1.35 0.44	25.68 1.10 0.78
RCPI_TRUST___DRP 24196	23.11 0.69 0.00	17.53 0.48 0.00	21.99 0.59 0.00	18.53 0.58 0.00	18.48 0.57 0.00	17.75 0.53 0.00	21.48 0.74 0.00	25.89 0.99 0.00	24.58 1.00 0.00	24.99 1.00 0.00	26.42 1.15 0.00	26.35 1.16 0.00	25.95 1.25 0.00	26.78 1.32 0.00	25.89 1.46 0.00	26.57 1.76 0.00	28.59 1.92 0.00	33.79 2.31 0.00	40.33 2.40 0.00	40.52 2.25 0.09	33.20 1.81 0.02	27.89 1.50 0.00	28.21 1.30 0.00	26.39 1.04 0.00
RED___ROCHESTER 323720	21.39 -0.72 0.31	16.48 -0.56 0.00	19.41 -0.82 1.17	16.40 -0.77 0.78	16.19 -0.74 0.98	15.88 -0.68 0.65	19.76 -0.76 0.22	23.73 -0.86 0.30	21.73 -0.78 1.08	23.33 -0.67 0.00	24.77 -0.50 0.00	24.98 -0.21 0.00	24.51 -0.19 0.00	26.51 -0.26 -1.31	24.35 -0.32 -0.24	24.70 -0.12 0.00	26.54 -0.13 0.00	31.47 -0.01 0.00	37.93 0.00 0.00	38.20 -0.59 -0.42	30.81 -0.67 -0.07	25.79 -0.61 0.00	23.81 -0.87 2.23	18.52 -0.81 6.02
REGAN___SOLAR 323812	23.65 1.23 0.00	17.92 0.88 0.00	22.49 1.09 0.00	18.86 0.91 0.00	18.83 0.92 0.00	18.13 0.92 0.00	21.98 1.24 0.00	26.28 1.39 0.00	24.51 0.92 0.00	24.62 0.62 0.00	25.83 0.57 0.00	25.34 0.15 0.00	24.54 -0.16 0.00	25.37 -0.09 0.00	24.43 -0.01 0.00	24.92 0.10 0.00	26.92 0.25 0.00	32.36 0.88 0.00	40.11 2.18 0.00	41.04 2.77 0.10	33.65 2.26 0.02	28.24 1.85 0.00	28.58 1.67 0.00	26.81 1.45 0.00
RENSSELAER___COGEN 23796	22.57 0.15 0.00	17.29 0.26 0.00	21.79 0.39 0.00	18.35 0.40 0.00	18.29 0.39 0.00	17.56 0.35 0.00	21.01 0.28 0.00	25.20 0.30 0.00	23.87 0.29 0.00	24.22 0.22 0.00	25.46 0.19 0.00	25.30 0.11 0.00	24.78 0.08 0.00	25.45 0.00 0.00	24.50 0.07 0.00	25.00 0.18 0.00	27.00 0.33 0.00	31.90 0.42 0.00	38.49 0.56 0.00	39.00 0.70 0.07	32.00 0.61 0.01	26.88 0.48 0.00	27.31 0.40 0.00	25.68 0.32 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.15 2.73 0.00	18.67 1.63 0.00	23.63 2.23 0.00	19.89 1.94 0.00	19.87 1.97 0.00	19.17 1.96 0.00	23.35 2.62 0.00	28.17 3.28 0.00	26.48 2.89 0.00	26.61 2.62 0.00	27.68 2.42 0.00	27.28 2.09 0.00	26.62 1.92 0.00	27.37 1.92 0.00	26.34 1.91 0.00	27.26 2.45 0.00	29.74 3.07 0.00	35.12 3.64 0.00	43.04 5.11 0.00	43.71 5.42 0.07	36.05 4.65 0.01	30.27 3.88 0.00	30.73 3.82 0.00	28.53 3.17 0.00
REVERE_CPPR_DRP 24186	22.90 0.49 0.00	17.40 0.37 0.00	21.89 0.49 0.00	18.36 0.41 0.00	18.31 0.40 0.00	17.62 0.41 0.00	21.34 0.61 0.00	25.55 0.66 0.00	24.13 0.55 0.00	24.46 0.47 0.00	25.70 0.43 0.00	25.60 0.41 0.00	25.10 0.40 0.00	25.94 0.48 0.00	24.87 0.43 0.00	25.33 0.51 0.00	27.36 0.69 0.00	32.52 1.04 0.00	39.55 1.62 0.00	40.14 1.77 0.00	32.64 1.23 0.00	27.27 0.87 0.00	27.65 0.74 0.00	26.00 0.64 0.00
REYNOLDS_115KV_TB3 80639	22.75 0.33 0.00	17.38 0.34 0.00	21.92 0.52 0.00	18.45 0.50 0.00	18.40 0.50 0.00	17.67 0.45 0.00	21.17 0.43 0.00	25.39 0.50 0.00	24.06 0.48 0.00	24.42 0.43 0.00	25.66 0.39 0.00	25.49 0.30 0.00	24.95 0.25 0.00	25.64 0.18 0.00	24.67 0.24 0.00	25.15 0.34 0.00	27.17 0.50 0.00	32.09 0.61 0.00	38.73 0.80 0.00	39.28 0.98 0.07	32.25 0.85 0.01	27.09 0.70 0.00	27.55 0.64 0.00	25.88 0.52 0.00
RIVERBAY____ 323610	23.17 0.75 0.00	17.58 0.55 0.00	22.10 0.69 0.00	18.60 0.64 0.00	18.54 0.64 0.00	17.83 0.62 0.00	21.56 0.82 0.00	25.96 1.06 0.00	24.71 1.13 0.00	25.06 1.06 0.00	26.49 1.22 0.00	26.40 1.21 0.00	25.97 1.27 0.00	26.79 1.33 0.00	25.92 1.48 -0.01	26.53 1.71 0.00	28.60 1.92 0.00	33.83 2.35 0.00	40.33 2.41 0.00	40.60 2.32 0.09	33.39 2.00 0.02	28.02 1.63 0.00	28.36 1.45 0.00	26.56 1.20 0.00
RIVERSDE_115KV_TB3 55908	22.64 0.23 0.00	17.35 0.31 0.00	21.86 0.45 0.00	18.40 0.45 0.00	18.35 0.45 0.00	17.62 0.41 0.00	21.09 0.35 0.00	25.28 0.39 0.00	23.96 0.38 0.00	24.32 0.32 0.00	25.56 0.30 0.00	25.41 0.21 0.00	24.88 0.17 0.00	25.55 0.10 0.00	24.61 0.17 0.00	25.11 0.29 0.00	27.12 0.45 0.00	32.05 0.56 0.00	38.65 0.72 0.00	39.16 0.86 0.07	32.14 0.75 0.01	26.99 0.59 0.00	27.42 0.50 0.00	25.77 0.41 0.00
ROARING___BROOK_WT_PWR 323790	22.16 -0.25 0.00	16.87 -0.17 0.00	21.20 -0.20 0.00	17.74 -0.21 0.00	17.70 -0.21 0.00	17.01 -0.20 0.00	20.54 -0.20 0.00	24.69 -0.20 0.00	23.45 -0.14 0.00	23.97 -0.02 0.00	25.21 -0.06 0.00	25.12 -0.07 0.00	24.59 -0.11 0.00	25.33 -0.13 0.00	24.22 -0.21 0.00	24.49 -0.32 0.00	26.23 -0.44 0.00	30.88 -0.60 0.00	37.37 -0.56 0.00	37.87 -0.50 0.00	30.83 -0.58 0.00	25.79 -0.61 0.00	26.21 -0.70 0.00	24.53 -0.82 0.00

ROCHESRG_115KV_T4 355643	21.17 -0.94 0.31	16.32 -0.72 0.00	19.23 -1.01 1.16	16.26 -0.93 0.77	16.04 -0.90 0.96	15.73 -0.83 0.65	19.57 -0.95 0.22	23.50 -1.10 0.30	21.53 -1.00 1.06	23.10 -0.89 0.00	24.52 -0.74 0.00	24.72 -0.47 0.00	24.25 -0.45 0.00	26.08 -0.45 -1.07	24.02 -0.60 -0.18	24.40 -0.41 0.00	26.18 -0.49 0.00	31.00 -0.48 0.00	37.34 -0.59 0.00	37.73 -1.16 -0.52	30.37 -1.12 -0.09	25.44 -0.96 0.00	23.54 -1.18 2.19	18.36 -1.07 5.93
ROCHESTER_9_IC 23652	21.28 -0.82 0.31	16.40 -0.63 0.00	19.32 -0.90 1.17	16.33 -0.84 0.78	16.11 -0.81 0.98	15.81 -0.75 0.65	19.67 -0.85 0.22	23.63 -0.96 0.30	21.63 -0.87 1.08	23.23 -0.76 0.00	24.65 -0.61 0.00	24.87 -0.33 0.00	24.40 -0.30 0.00	26.42 -0.35 -1.31	24.23 -0.45 -0.24	24.56 -0.25 0.00	26.37 -0.31 0.00	31.25 -0.24 0.00	37.64 -0.28 0.00	37.93 -0.87 -0.42	30.59 -0.89 -0.07	25.63 -0.77 0.00	23.67 -1.01 2.23	18.41 -0.92 6.02
ROCKVIEW_13_KV_LD 356306	23.12 0.71 0.00	17.54 0.51 0.00	22.02 0.62 0.00	18.55 0.60 0.00	18.49 0.59 0.00	17.78 0.57 0.00	21.51 0.77 0.00	25.92 1.02 0.00	24.60 1.02 0.00	25.00 1.01 0.00	26.42 1.16 0.00	26.37 1.18 0.00	25.94 1.24 0.00	26.77 1.31 0.00	25.87 1.44 0.00	26.54 1.73 0.00	28.56 1.89 0.00	33.76 2.27 0.00	40.34 2.41 0.00	40.56 2.29 0.09	33.25 1.86 0.02	27.93 1.53 0.00	28.25 1.34 0.00	26.43 1.08 0.00
ROME____115KV_TB2 80656	22.90 0.49 0.00	17.40 0.37 0.00	21.89 0.49 0.00	18.36 0.41 0.00	18.31 0.40 0.00	17.62 0.41 0.00	21.34 0.61 0.00	25.55 0.66 0.00	24.13 0.55 0.00	24.46 0.47 0.00	25.70 0.43 0.00	25.60 0.41 0.00	25.10 0.40 0.00	25.94 0.48 0.00	24.87 0.43 0.00	25.33 0.51 0.00	27.36 0.69 0.00	32.52 1.04 0.00	39.55 1.62 0.00	40.14 1.77 0.00	32.64 1.23 0.00	27.27 0.87 0.00	27.65 0.74 0.00	26.00 0.64 0.00
ROSETON___1 23587	22.87 0.45 0.00	17.37 0.33 0.00	21.83 0.42 0.00	18.38 0.43 0.00	18.33 0.42 0.00	17.62 0.40 0.00	21.27 0.53 0.00	25.59 0.70 0.00	24.28 0.69 0.00	24.66 0.66 0.00	26.02 0.76 0.00	25.95 0.75 0.00	25.49 0.79 0.00	26.28 0.83 0.00	25.36 0.93 0.00	25.99 1.18 0.00	27.98 1.31 0.00	33.08 1.60 0.00	39.65 1.72 0.00	39.96 1.69 0.09	32.76 1.37 0.02	27.52 1.12 0.00	27.86 0.95 0.00	26.12 0.76 0.00
ROSETON___2 23588	22.87 0.45 0.00	17.37 0.33 0.00	21.83 0.42 0.00	18.38 0.43 0.00	18.33 0.42 0.00	17.62 0.40 0.00	21.27 0.53 0.00	25.59 0.70 0.00	24.28 0.69 0.00	24.66 0.66 0.00	26.02 0.76 0.00	25.95 0.75 0.00	25.49 0.79 0.00	26.28 0.83 0.00	25.36 0.93 0.00	25.99 1.18 0.00	27.98 1.31 0.00	33.08 1.60 0.00	39.65 1.72 0.00	39.96 1.69 0.09	32.76 1.37 0.02	27.52 1.12 0.00	27.86 0.95 0.00	26.12 0.76 0.00
ROTRDAM_115KV_TB3 80664	22.93 0.51 0.00	17.43 0.39 0.00	21.95 0.55 0.00	18.45 0.49 0.00	18.40 0.50 0.00	17.69 0.48 0.00	21.31 0.57 0.00	25.57 0.68 0.00	24.16 0.58 0.00	24.48 0.49 0.00	25.72 0.45 0.00	25.59 0.40 0.00	25.08 0.38 0.00	25.83 0.37 0.00	24.85 0.42 0.00	25.38 0.57 0.00	27.38 0.71 0.00	32.42 0.94 0.00	39.18 1.25 0.00	39.65 1.36 0.07	32.55 1.16 0.01	27.34 0.95 0.00	27.75 0.84 0.00	26.06 0.70 0.00
RUSSELL___1 23602	21.39 -0.72 0.31	16.48 -0.56 0.00	19.41 -0.82 1.17	16.41 -0.77 0.78	16.18 -0.74 0.98	15.88 -0.68 0.65	19.76 -0.76 0.22	23.73 -0.86 0.30	21.73 -0.78 1.08	23.33 -0.67 0.00	24.77 -0.50 0.00	24.98 -0.21 0.00	24.51 -0.19 0.00	26.50 -0.27 -1.31	24.35 -0.32 -0.24	24.70 -0.12 0.00	26.54 -0.13 0.00	31.47 -0.02 0.00	37.93 0.00 0.00	38.21 -0.59 -0.42	30.80 -0.68 -0.07	25.78 -0.61 0.00	23.82 -0.87 2.23	18.54 -0.80 6.02
RUSSELL___2 23532	21.39 -0.72 0.31	16.48 -0.56 0.00	19.41 -0.82 1.17	16.41 -0.77 0.78	16.18 -0.74 0.98	15.88 -0.68 0.65	19.76 -0.76 0.22	23.73 -0.86 0.30	21.73 -0.78 1.08	23.33 -0.67 0.00	24.77 -0.50 0.00	24.98 -0.21 0.00	24.51 -0.19 0.00	26.50 -0.27 -1.31	24.35 -0.32 -0.24	24.70 -0.12 0.00	26.54 -0.13 0.00	31.47 -0.02 0.00	37.93 0.00 0.00	38.21 -0.59 -0.42	30.80 -0.68 -0.07	25.78 -0.61 0.00	23.82 -0.87 2.23	18.54 -0.80 6.02
RUSSELL___3 23549	21.39 -0.72 0.31	16.48 -0.56 0.00	19.41 -0.82 1.17	16.41 -0.77 0.78	16.18 -0.74 0.98	15.88 -0.68 0.65	19.76 -0.76 0.22	23.73 -0.86 0.30	21.73 -0.78 1.08	23.33 -0.67 0.00	24.77 -0.50 0.00	24.98 -0.21 0.00	24.51 -0.19 0.00	26.50 -0.27 -1.31	24.35 -0.32 -0.24	24.70 -0.12 0.00	26.54 -0.13 0.00	31.47 -0.02 0.00	37.93 0.00 0.00	38.21 -0.59 -0.42	30.80 -0.68 -0.07	25.78 -0.61 0.00	23.82 -0.87 2.23	18.54 -0.80 6.02
RUSSELL___4 23556	21.39 -0.72 0.31	16.48 -0.56 0.00	19.41 -0.82 1.17	16.41 -0.77 0.78	16.18 -0.74 0.98	15.88 -0.68 0.65	19.76 -0.76 0.22	23.73 -0.86 0.30	21.73 -0.78 1.08	23.33 -0.67 0.00	24.77 -0.50 0.00	24.98 -0.21 0.00	24.51 -0.19 0.00	26.50 -0.27 -1.31	24.35 -0.32 -0.24	24.70 -0.12 0.00	26.54 -0.13 0.00	31.47 -0.02 0.00	37.93 0.00 0.00	38.21 -0.59 -0.42	30.80 -0.68 -0.07	25.78 -0.61 0.00	23.82 -0.87 2.23	18.54 -0.80 6.02
RUSSELL___STATION 23914	21.39 -0.72 0.31	16.48 -0.56 0.00	19.41 -0.82 1.17	16.41 -0.77 0.78	16.18 -0.74 0.98	15.88 -0.68 0.65	19.76 -0.76 0.22	23.73 -0.86 0.30	21.73 -0.78 1.08	23.33 -0.67 0.00	24.77 -0.50 0.00	24.98 -0.21 0.00	24.51 -0.19 0.00	26.50 -0.27 -1.31	24.35 -0.32 -0.24	24.70 -0.12 0.00	26.54 -0.13 0.00	31.47 -0.02 0.00	37.93 0.00 0.00	38.21 -0.59 -0.42	30.80 -0.68 -0.07	25.78 -0.61 0.00	23.82 -0.87 2.23	18.54 -0.80 6.02
S SALMON___HYD 24043	22.07 -0.34 0.00	16.79 -0.25 0.00	21.08 -0.33 0.00	17.69 -0.26 0.00	17.65 -0.25 0.00	16.92 -0.29 0.00	20.47 -0.27 0.00	24.47 -0.43 0.00	23.15 -0.44 0.00	23.57 -0.42 0.00	24.78 -0.48 0.00	24.75 -0.44 0.00	24.25 -0.46 0.00	25.01 -0.45 0.00	23.96 -0.47 0.00	24.30 -0.52 0.00	26.16 -0.51 0.00	31.12 -0.36 0.00	37.81 -0.11 0.00	38.44 0.07 0.00	31.26 -0.14 0.00	26.13 -0.26 0.00	26.58 -0.33 0.00	25.13 -0.23 0.00
S.PERRY__115KV_TB1 80734	21.29 -0.47 0.65	16.64 -0.40 0.00	18.29 -0.64 2.47	15.68 -0.64 1.63	15.23 -0.62 2.06	15.33 -0.51 1.37	19.80 -0.48 0.46	23.84 -0.42 0.63	20.82 -0.52 2.24	23.41 -0.59 0.00	24.89 -0.38 0.00	25.19 0.00 0.00	24.75 0.04 0.00	25.54 0.09 0.00	24.26 -0.18 0.00	24.90 0.09 0.00	26.72 0.05 0.00	31.65 0.17 0.00	38.33 0.40 0.00	37.77 0.24 0.84	31.20 -0.06 0.14	26.13 -0.26 0.00	21.59 -0.63 4.69	12.03 -0.66 12.67
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.23 -1.70 0.49	15.75 -1.29 0.00	17.77 -1.79 1.84	15.11 -1.63 1.22	14.78 -1.59 1.53	14.70 -1.49 1.03	18.65 -1.74 0.35	22.44 -1.97 0.48	20.14 -1.75 1.69	22.49 -1.50 0.00	24.06 -1.20 0.00	24.45 -0.75 0.00	23.98 -0.72 0.00	23.21 -0.42 1.82	23.07 -1.06 0.30	24.05 -0.77 0.00	25.62 -1.05 0.00	30.21 -1.27 0.00	36.23 -1.70 0.00	32.27 -2.62 3.49	28.40 -2.41 0.59	24.43 -1.97 0.00	21.18 -2.20 3.54	13.81 -1.98 9.56

SAWYER___23_KV_LOAD 55526	20.23 -1.70 0.49	15.75 -1.29 0.00	17.77 -1.79 1.84	15.11 -1.63 1.22	14.78 -1.59 1.53	14.70 -1.49 1.03	18.65 -1.74 0.35	22.44 -1.97 0.48	20.14 -1.75 1.69	22.49 -1.50 0.00	24.06 -1.20 0.00	24.45 -0.75 0.00	23.98 -0.72 0.00	23.21 -0.42 1.82	23.07 -1.06 0.30	24.05 -0.77 0.00	25.62 -1.05 0.00	30.21 -1.27 0.00	36.23 -1.70 0.00	32.27 -2.62 3.49	28.40 -2.41 0.59	24.43 -1.97 0.00	21.18 -2.20 3.54	13.81 -1.98 9.56
SELKIRK___I 23801	22.82 0.41 0.00	17.44 0.40 0.00	21.98 0.58 0.00	18.50 0.54 0.00	18.44 0.54 0.00	17.70 0.49 0.00	21.22 0.48 0.00	25.40 0.50 0.00	24.02 0.43 0.00	24.28 0.28 0.00	25.48 0.21 0.00	25.34 0.14 0.00	24.81 0.11 0.00	25.51 0.05 0.00	24.56 0.12 0.00	25.05 0.24 0.00	27.08 0.40 0.00	32.08 0.60 0.00	38.80 0.87 0.00	39.34 1.05 0.07	32.30 0.90 0.01	27.13 0.74 0.00	27.57 0.65 0.00	25.92 0.56 0.00
SELKIRK___II 23799	22.63 0.22 0.00	17.30 0.26 0.00	21.79 0.39 0.00	18.34 0.39 0.00	18.29 0.39 0.00	17.56 0.35 0.00	21.06 0.32 0.00	25.25 0.35 0.00	23.92 0.34 0.00	24.26 0.27 0.00	25.51 0.25 0.00	25.38 0.19 0.00	24.86 0.16 0.00	25.57 0.11 0.00	24.61 0.18 0.00	25.11 0.30 0.00	27.10 0.43 0.00	32.03 0.55 0.00	38.61 0.68 0.00	39.17 0.80 0.00	32.10 0.70 0.00	26.95 0.56 0.00	27.38 0.47 0.00	25.74 0.38 0.00
SENECA OSWGO___HYD 24041	22.02 -0.40 0.00	16.74 -0.30 0.00	21.02 -0.39 0.00	17.62 -0.33 0.00	17.58 -0.32 0.00	16.92 -0.30 0.00	20.39 -0.35 0.00	24.40 -0.50 0.00	23.11 -0.47 0.00	23.49 -0.51 0.00	24.70 -0.56 0.00	24.68 -0.52 0.00	24.19 -0.51 0.00	24.94 -0.52 0.00	23.95 -0.49 0.00	24.41 -0.40 0.00	26.30 -0.38 0.00	31.16 -0.32 0.00	37.55 -0.38 0.00	37.94 -0.43 0.00	30.99 -0.42 0.00	25.98 -0.41 0.00	26.35 -0.56 0.00	24.94 -0.42 0.00
SENECA___115KV_TB3 355854	20.36 -1.53 0.52	15.87 -1.17 0.00	17.79 -1.62 1.99	15.15 -1.49 1.32	14.79 -1.46 1.66	14.75 -1.35 1.11	18.80 -1.56 0.37	22.65 -1.73 0.52	20.22 -1.54 1.83	22.72 -1.27 0.00	24.33 -0.93 0.00	24.74 -0.46 0.00	24.28 -0.42 0.00	25.20 -0.09 0.17	23.73 -0.71 0.00	24.43 -0.38 0.00	26.05 -0.62 0.00	30.73 -0.75 0.00	36.82 -1.12 0.00	33.23 -1.99 3.15	28.91 -1.96 0.54	24.74 -1.65 0.00	21.15 -1.94 3.82	13.25 -1.78 10.33
SENECA___ENERGY 23797	21.59 -0.54 0.29	16.65 -0.39 0.00	19.73 -0.56 1.11	16.71 -0.51 0.73	16.51 -0.47 0.92	16.16 -0.44 0.62	20.07 -0.46 0.21	24.09 -0.52 0.28	22.08 -0.51 1.00	23.49 -0.50 0.00	24.81 -0.45 0.00	24.91 -0.28 0.00	24.47 -0.23 0.00	25.22 -0.24 0.00	24.18 -0.25 0.00	24.75 -0.06 0.00	26.66 -0.01 0.00	31.53 0.05 0.00	37.98 0.05 0.00	38.31 -0.07 0.00	31.15 -0.26 0.00	26.04 -0.36 0.00	24.06 -0.66 2.19	18.78 -0.64 5.93
SHOEMAKER___GT 23640	22.78 0.37 0.00	17.31 0.27 0.00	21.74 0.34 0.00	18.31 0.36 0.00	18.24 0.34 0.00	17.54 0.33 0.00	21.18 0.44 0.00	25.49 0.60 0.00	24.15 0.56 0.00	24.50 0.51 0.00	25.84 0.58 0.00	25.77 0.58 0.00	25.31 0.61 0.00	26.11 0.65 0.00	25.20 0.76 0.00	25.80 0.99 0.00	27.79 1.12 0.00	32.88 1.40 0.00	39.49 1.56 0.00	39.81 1.54 0.10	32.62 1.23 0.02	27.41 1.01 0.00	27.75 0.84 0.00	26.02 0.66 0.00
SHOEMAKR_138KV_BK 111 55601	22.78 0.36 0.00	17.30 0.27 0.00	21.73 0.33 0.00	18.30 0.35 0.00	18.24 0.33 0.00	17.54 0.32 0.00	21.17 0.44 0.00	25.48 0.59 0.00	24.15 0.56 0.00	24.51 0.52 0.00	25.86 0.59 0.00	25.80 0.60 0.00	25.33 0.63 0.00	26.13 0.68 0.00	25.23 0.79 0.00	25.83 1.02 0.00	27.82 1.15 0.00	32.90 1.42 0.00	39.49 1.56 0.00	39.80 1.53 0.10	32.61 1.22 0.02	27.40 1.00 0.00	27.74 0.83 0.00	26.01 0.65 0.00
SHOREHAM_IC_1 23715	23.22 0.81 0.00	17.60 0.56 0.00	22.07 0.67 0.00	18.64 0.69 0.00	18.58 0.68 0.00	17.93 0.71 0.00	23.64 1.07 -1.83	29.22 1.35 -2.97	24.77 1.19 0.00	25.00 1.00 0.00	26.31 1.04 0.00	26.12 0.92 0.00	25.85 1.15 0.00	26.83 1.38 0.00	25.95 1.52 0.00	26.56 1.74 0.00	28.58 1.91 0.00	33.57 2.09 0.00	39.78 1.85 0.00	40.26 1.98 0.09	33.24 1.85 0.02	27.92 1.52 0.00	28.44 1.53 0.00	26.51 1.15 0.00
SHOREHAM_IC_2 23716	23.22 0.81 0.00	17.60 0.56 0.00	22.07 0.67 0.00	18.64 0.69 0.00	18.58 0.68 0.00	17.93 0.71 0.00	23.64 1.07 -1.83	29.22 1.35 -2.97	24.77 1.19 0.00	25.00 1.00 0.00	26.31 1.04 0.00	26.12 0.92 0.00	25.85 1.15 0.00	26.83 1.38 0.00	25.95 1.52 0.00	26.56 1.74 0.00	28.58 1.91 0.00	33.57 2.09 0.00	39.78 1.85 0.00	40.26 1.98 0.09	33.24 1.85 0.02	27.92 1.52 0.00	28.44 1.53 0.00	26.51 1.15 0.00
SISSONVILLE____ 23735	22.10 -0.31 0.00	16.73 -0.31 0.00	20.93 -0.47 0.00	17.50 -0.45 0.00	17.43 -0.47 0.00	16.74 -0.48 0.00	20.27 -0.47 0.00	24.38 -0.52 0.00	23.01 -0.58 0.00	23.42 -0.57 0.00	24.66 -0.60 0.00	24.51 -0.68 0.00	24.00 -0.69 0.00	24.73 -0.73 0.00	23.56 -0.88 0.00	23.71 -1.10 0.00	25.40 -1.27 0.00	29.82 -1.66 0.00	36.31 -1.62 0.00	37.22 -1.15 0.00	30.48 -0.93 0.00	25.52 -0.88 0.00	26.27 -0.64 0.00	24.75 -0.61 0.00
SITHE_IND_GS1 24169	21.86 -0.56 0.00	16.62 -0.42 0.00	20.86 -0.54 0.00	17.49 -0.47 0.00	17.46 -0.45 0.00	16.79 -0.43 0.00	20.20 -0.53 0.00	24.17 -0.73 0.00	22.90 -0.69 0.00	23.30 -0.69 0.00	24.52 -0.74 0.00	24.48 -0.71 0.00	24.00 -0.70 0.00	24.74 -0.71 0.00	23.75 -0.69 0.00	24.19 -0.62 0.00	26.02 -0.65 0.00	30.77 -0.72 0.00	37.07 -0.86 0.00	37.51 -0.95 -0.09	30.59 -0.84 -0.02	25.66 -0.74 0.00	26.07 -0.84 0.00	24.72 -0.63 0.00
SITHE_IND_GS2 24170	21.86 -0.56 0.00	16.62 -0.42 0.00	20.86 -0.54 0.00	17.49 -0.47 0.00	17.46 -0.45 0.00	16.79 -0.43 0.00	20.20 -0.53 0.00	24.17 -0.73 0.00	22.90 -0.69 0.00	23.30 -0.69 0.00	24.52 -0.74 0.00	24.48 -0.71 0.00	24.00 -0.70 0.00	24.74 -0.71 0.00	23.75 -0.69 0.00	24.19 -0.62 0.00	26.02 -0.65 0.00	30.77 -0.72 0.00	37.07 -0.86 0.00	37.51 -0.95 -0.09	30.59 -0.84 -0.02	25.66 -0.74 0.00	26.07 -0.84 0.00	24.72 -0.63 0.00
SITHE_IND_GS3 24171	21.86 -0.56 0.00	16.62 -0.42 0.00	20.86 -0.54 0.00	17.49 -0.47 0.00	17.46 -0.45 0.00	16.79 -0.43 0.00	20.20 -0.53 0.00	24.17 -0.73 0.00	22.90 -0.69 0.00	23.30 -0.69 0.00	24.52 -0.74 0.00	24.48 -0.71 0.00	24.00 -0.70 0.00	24.74 -0.71 0.00	23.75 -0.69 0.00	24.19 -0.62 0.00	26.02 -0.65 0.00	30.77 -0.72 0.00	37.07 -0.86 0.00	37.51 -0.95 -0.09	30.59 -0.84 -0.02	25.66 -0.74 0.00	26.07 -0.84 0.00	24.72 -0.63 0.00
SITHE_IND_GS4 24172	21.86 -0.56 0.00	16.62 -0.42 0.00	20.86 -0.54 0.00	17.49 -0.47 0.00	17.46 -0.45 0.00	16.79 -0.43 0.00	20.20 -0.53 0.00	24.17 -0.73 0.00	22.90 -0.69 0.00	23.30 -0.69 0.00	24.52 -0.74 0.00	24.48 -0.71 0.00	24.00 -0.70 0.00	24.74 -0.71 0.00	23.75 -0.69 0.00	24.19 -0.62 0.00	26.02 -0.65 0.00	30.77 -0.72 0.00	37.07 -0.86 0.00	37.51 -0.95 -0.09	30.59 -0.84 -0.02	25.66 -0.74 0.00	26.07 -0.84 0.00	24.72 -0.63 0.00

SITHE___BATAVIA 24024	21.12 -0.90 0.39	16.33 -0.70 0.00	18.87 -1.03 1.50	15.97 -0.99 0.99	15.70 -0.96 1.25	15.52 -0.85 0.83	19.53 -0.92 0.28	23.51 -1.00 0.39	21.27 -0.94 1.38	23.08 -0.91 0.00	24.53 -0.73 0.00	24.77 -0.43 0.00	24.30 -0.40 0.00	35.29 0.94 -8.89	25.84 -0.58 -1.99	24.62 -0.19 0.00	26.18 -0.49 0.00	31.02 -0.46 0.00	37.52 -0.41 0.00	35.72 -1.05 1.61	30.07 -1.06 0.27	25.58 -0.82 0.00	22.99 -1.06 2.87	16.64 -0.97 7.75
SITHE___INDEPEND 23800	21.86 -0.56 0.00	16.62 -0.42 0.00	20.86 -0.54 0.00	17.49 -0.46 0.00	17.46 -0.45 0.00	16.79 -0.43 0.00	20.20 -0.53 0.00	24.17 -0.73 0.00	22.90 -0.68 0.00	23.30 -0.69 0.00	24.52 -0.74 0.00	24.48 -0.71 0.00	24.00 -0.70 0.00	24.74 -0.71 0.00	23.75 -0.69 0.00	24.19 -0.62 0.00	26.02 -0.65 0.00	30.77 -0.72 0.00	37.07 -0.86 0.00	37.51 -0.95 -0.09	30.58 -0.84 -0.02	25.66 -0.74 0.00	26.07 -0.84 0.00	24.72 -0.63 0.00
SITHE___MASSENA 23902	22.80 0.39 0.00	17.28 0.24 0.00	21.63 0.23 0.00	18.07 0.12 0.00	18.01 0.11 0.00	17.32 0.10 0.00	20.92 0.18 0.00	25.18 0.28 0.00	23.84 0.25 0.00	24.29 0.30 0.00	25.58 0.32 0.00	25.48 0.28 0.00	24.96 0.27 0.00	25.73 0.27 0.00	24.57 0.13 0.00	24.77 -0.04 0.00	26.50 -0.17 0.00	31.04 -0.44 0.00	37.50 -0.43 0.00	38.17 -0.20 0.00	31.36 -0.04 0.00	26.41 0.01 0.00	27.14 0.22 0.00	25.54 0.19 0.00
SITHE___OGDNSBRG 24021	22.92 0.51 0.00	17.35 0.32 0.00	21.69 0.29 0.00	18.10 0.15 0.00	18.05 0.15 0.00	17.36 0.15 0.00	21.03 0.29 0.00	25.35 0.45 0.00	23.82 0.23 0.00	24.14 0.15 0.00	25.38 0.12 0.00	25.25 0.05 0.00	24.73 0.03 0.00	25.48 0.02 0.00	24.30 -0.14 0.00	24.43 -0.38 0.00	26.15 -0.52 0.00	30.66 -0.82 0.00	37.38 -0.55 0.00	38.45 0.08 0.00	31.66 0.26 0.00	26.56 0.16 0.00	27.29 0.38 0.00	25.66 0.30 0.00
SITHE___STERLING 23777	22.75 0.34 0.00	17.29 0.25 0.00	21.73 0.32 0.00	18.22 0.27 0.00	18.19 0.28 0.00	17.52 0.30 0.00	21.17 0.43 0.00	25.38 0.48 0.00	23.98 0.39 0.00	24.31 0.32 0.00	25.56 0.30 0.00	25.49 0.29 0.00	25.00 0.30 0.00	25.82 0.37 0.00	24.77 0.33 0.00	25.24 0.43 0.00	27.24 0.56 0.00	32.31 0.82 0.00	39.14 1.21 0.00	39.69 1.32 0.00	32.34 0.93 0.00	27.05 0.65 0.00	27.42 0.51 0.00	25.79 0.43 0.00
SLEIGHT__34_KV_TB1 80719	21.46 -0.70 0.25	16.51 -0.53 0.00	19.69 -0.76 0.96	16.62 -0.69 0.63	16.45 -0.65 0.80	16.07 -0.61 0.53	19.91 -0.65 0.18	23.88 -0.77 0.25	22.00 -0.71 0.88	23.35 -0.64 0.00	24.72 -0.55 0.00	24.85 -0.35 0.00	24.38 -0.32 0.00	25.05 -0.40 0.00	24.03 -0.40 0.00	24.59 -0.22 0.00	26.47 -0.20 0.00	31.37 -0.12 0.00	37.79 -0.14 0.00	38.22 -0.52 -0.37	30.86 -0.61 -0.06	25.82 -0.58 0.00	24.22 -0.85 1.84	19.60 -0.78 4.98
SOUTH CAIRO___GT 23612	23.39 0.98 0.00	17.91 0.88 0.00	22.58 1.18 0.00	18.99 1.04 0.00	18.95 1.05 0.00	18.22 1.00 0.00	21.85 1.11 0.00	26.19 1.29 0.00	24.68 1.09 0.00	24.78 0.79 0.00	25.87 0.61 0.00	25.63 0.43 0.00	25.05 0.35 0.00	25.76 0.31 0.00	24.78 0.34 0.00	25.32 0.50 0.00	27.53 0.86 0.00	32.83 1.35 0.00	40.01 2.08 0.00	40.83 2.54 0.08	33.52 2.13 0.01	28.04 1.65 0.00	28.40 1.49 0.00	26.63 1.27 0.00
SOUTH HAMPTN___IC 23720	23.49 1.08 0.00	17.79 0.75 0.00	22.32 0.92 0.00	18.86 0.91 0.00	18.80 0.90 0.00	18.16 0.94 0.00	23.94 1.37 -1.83	29.57 1.71 -2.97	25.11 1.53 0.00	25.37 1.38 0.00	26.71 1.44 0.00	26.53 1.34 0.00	26.28 1.58 0.00	27.26 1.80 0.00	26.35 1.91 0.00	26.98 2.17 0.00	28.99 2.32 0.00	34.03 2.55 0.00	40.35 2.42 0.00	40.72 2.44 0.09	33.60 2.20 0.02	28.16 1.76 0.00	28.68 1.76 0.00	26.70 1.35 0.00
SOUTHDOW_115KV_TB1 355954	20.33 -1.46 0.63	15.95 -1.09 0.00	17.44 -1.57 2.39	14.92 -1.45 1.58	14.47 -1.44 1.99	14.58 -1.30 1.33	18.90 -1.39 0.45	22.90 -1.38 0.62	20.20 -1.19 2.19	23.31 -0.68 0.00	25.12 -0.14 0.00	25.62 0.43 0.00	25.23 0.53 0.00	25.37 0.90 0.98	24.85 0.42 0.00	25.63 0.82 0.00	27.32 0.65 0.00	32.27 0.79 0.00	38.54 0.61 0.00	35.31 -0.17 2.89	30.12 -0.79 0.49	25.41 -0.99 0.00	20.70 -1.60 4.61	11.22 -1.67 12.47
SOUTHOLD_69_KV_BK 2 55809	23.73 1.32 0.00	17.97 0.94 0.00	22.56 1.16 0.00	19.07 1.12 0.00	19.02 1.11 0.00	18.39 1.18 0.00	24.23 1.66 -1.83	29.89 2.03 -2.97	25.41 1.82 0.00	25.68 1.69 0.00	26.93 1.67 0.00	26.75 1.56 0.00	26.61 1.91 0.00	27.58 2.12 0.00	26.63 2.20 0.00	27.27 2.46 0.00	29.31 2.63 0.00	34.33 2.84 0.00	40.65 2.72 0.00	41.01 2.74 0.09	33.82 2.43 0.02	28.31 1.91 0.00	28.84 1.93 0.00	26.78 1.42 0.00
SOUTHOLD___IC 23719	23.73 1.32 0.00	17.97 0.94 0.00	22.56 1.15 0.00	19.07 1.12 0.00	19.02 1.12 0.00	18.39 1.18 0.00	24.23 1.66 -1.83	29.89 2.03 -2.97	25.41 1.82 0.00	25.68 1.69 0.00	26.93 1.67 0.00	26.75 1.56 0.00	26.61 1.91 0.00	27.58 2.12 0.00	26.63 2.20 0.00	27.28 2.47 0.00	29.30 2.63 0.00	34.32 2.84 0.00	40.65 2.72 0.00	41.01 2.74 0.09	33.82 2.43 0.02	28.31 1.92 0.00	28.84 1.93 0.00	26.80 1.44 0.00
SOUTH_FORK_WT_PWR 323839	23.73 1.32 0.00	17.96 0.93 0.00	22.56 1.16 0.00	19.09 1.14 0.00	19.03 1.13 0.00	18.42 1.20 0.00	24.26 1.69 -1.83	29.90 2.03 -2.97	25.39 1.81 0.00	25.68 1.69 0.00	26.95 1.69 0.00	26.72 1.53 0.00	26.58 1.88 0.00	27.52 2.06 0.00	26.55 2.12 0.00	27.18 2.37 0.00	29.19 2.51 0.00	34.12 2.64 0.00	40.36 2.43 0.00	40.74 2.47 0.09	33.60 2.20 0.02	28.14 1.74 0.00	28.68 1.76 0.00	26.64 1.29 0.00
SPIERFLS_115KV_TB 1 80737	23.79 1.37 0.00	17.97 0.93 0.00	22.68 1.28 0.00	19.07 1.12 0.00	19.03 1.13 0.00	18.32 1.11 0.00	22.17 1.43 0.00	26.65 1.76 0.00	25.13 1.54 0.00	25.36 1.36 0.00	26.39 1.13 0.00	26.17 0.98 0.00	25.53 0.83 0.00	26.28 0.83 0.00	25.30 0.87 0.00	25.96 1.14 0.00	28.15 1.48 0.00	33.40 1.92 0.00	40.79 2.86 0.00	41.32 3.03 0.07	34.08 2.69 0.01	28.60 2.20 0.00	28.99 2.08 0.00	27.10 1.74 0.00
ST LAWRENCE____ 23600	22.52 0.11 0.00	17.08 0.04 0.00	21.40 -0.01 0.00	17.88 -0.07 0.00	17.83 -0.07 0.00	17.14 -0.07 0.00	20.68 -0.06 0.00	24.89 0.00 0.00	23.59 0.01 0.00	24.06 0.06 0.00	25.33 0.06 0.00	25.22 0.03 0.00	24.72 0.02 0.00	25.47 0.01 0.00	24.36 -0.08 0.00	24.56 -0.25 0.00	26.31 -0.37 0.00	30.89 -0.59 0.00	37.29 -0.64 0.00	37.80 -0.56 0.00	31.04 -0.37 0.00	26.12 -0.27 0.00	26.81 -0.10 0.00	25.26 -0.09 0.00
STATE_CA_115KV_115_LB 55624	22.69 0.28 0.00	17.39 0.35 0.00	21.90 0.49 0.00	18.43 0.48 0.00	18.38 0.48 0.00	17.65 0.44 0.00	21.13 0.39 0.00	25.33 0.44 0.00	24.01 0.42 0.00	24.36 0.36 0.00	25.61 0.35 0.00	25.46 0.27 0.00	24.93 0.24 0.00	25.63 0.17 0.00	24.68 0.25 0.00	25.19 0.38 0.00	27.22 0.55 0.00	32.19 0.71 0.00	38.80 0.88 0.00	39.30 1.00 0.07	32.24 0.85 0.01	27.06 0.66 0.00	27.48 0.57 0.00	25.82 0.47 0.00

STATE_ST_34_KV_LOAD 55959	22.07 -0.19 0.15	16.96 -0.07 0.00	20.65 -0.19 0.56	17.41 -0.17 0.37	17.35 -0.09 0.46	16.77 -0.13 0.31	20.51 -0.12 0.10	24.56 -0.19 0.15	22.86 -0.21 0.51	23.78 -0.21 0.00	25.08 -0.19 0.00	25.09 -0.10 0.00	24.64 -0.07 0.00	25.37 -0.09 0.00	24.36 -0.07 0.00	24.88 0.07 0.00	26.82 0.15 0.00	31.70 0.22 0.00	38.24 0.31 0.00	38.78 0.32 -0.09	31.54 0.12 -0.02	26.42 0.03 0.00	25.49 -0.27 1.16	22.01 -0.22 3.13
STATION 5_MISC_HYD 23604	21.28 -0.82 0.31	16.41 -0.63 0.00	19.32 -0.91 1.17	16.33 -0.84 0.78	16.12 -0.81 0.98	15.81 -0.74 0.65	19.67 -0.85 0.22	23.63 -0.96 0.30	21.64 -0.87 1.08	23.23 -0.76 0.00	24.65 -0.61 0.00	24.87 -0.33 0.00	24.40 -0.30 0.00	26.43 -0.34 -1.31	24.23 -0.45 -0.24	24.56 -0.26 0.00	26.37 -0.30 0.00	31.25 -0.23 0.00	37.65 -0.28 0.00	37.93 -0.87 -0.42	30.60 -0.88 -0.07	25.63 -0.77 0.00	23.66 -1.02 2.23	18.40 -0.94 6.02
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.55 -0.53 0.33	16.63 -0.41 0.00	19.55 -0.61 1.24	16.56 -0.57 0.82	16.33 -0.54 1.04	16.04 -0.48 0.69	20.00 -0.51 0.23	24.03 -0.55 0.32	21.95 -0.51 1.13	23.55 -0.45 0.00	24.94 -0.33 0.00	25.08 -0.11 0.00	24.61 -0.09 0.00	25.93 -0.22 -0.69	24.26 -0.17 0.00	24.83 0.02 0.00	26.74 0.07 0.00	31.68 0.20 0.00	38.19 0.26 0.00	38.49 -0.15 -0.27	31.13 -0.32 -0.05	26.03 -0.36 0.00	23.89 -0.63 2.39	18.32 -0.58 6.45
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.22 -0.88 0.31	16.35 -0.68 0.00	19.27 -0.96 1.17	16.29 -0.89 0.78	16.07 -0.86 0.98	15.77 -0.79 0.65	19.62 -0.90 0.22	23.57 -1.03 0.30	21.58 -0.94 1.07	23.17 -0.83 0.00	24.58 -0.69 0.00	24.77 -0.42 0.00	24.30 -0.39 0.00	26.21 -0.48 -1.23	24.13 -0.53 -0.23	24.47 -0.34 0.00	26.30 -0.37 0.00	31.16 -0.32 0.00	37.55 -0.38 0.00	37.81 -0.94 -0.38	30.51 -0.96 -0.06	25.55 -0.85 0.00	23.60 -1.09 2.22	18.36 -0.99 6.01
STA_56___34_KV_BUS2 355983	21.22 -0.88 0.31	16.35 -0.68 0.00	19.27 -0.96 1.17	16.29 -0.89 0.78	16.07 -0.86 0.98	15.77 -0.79 0.65	19.62 -0.90 0.22	23.57 -1.03 0.30	21.58 -0.94 1.07	23.17 -0.83 0.00	24.58 -0.69 0.00	24.77 -0.42 0.00	24.30 -0.39 0.00	26.21 -0.48 -1.23	24.13 -0.53 -0.23	24.47 -0.34 0.00	26.30 -0.37 0.00	31.16 -0.32 0.00	37.55 -0.38 0.00	37.81 -0.94 -0.38	30.51 -0.96 -0.06	25.55 -0.85 0.00	23.60 -1.09 2.22	18.36 -0.99 6.01
STA_67___115KV_BK2 355882	21.24 -0.86 0.31	16.37 -0.67 0.00	19.28 -0.95 1.17	16.30 -0.88 0.78	16.08 -0.85 0.98	15.78 -0.78 0.65	19.63 -0.89 0.22	23.58 -1.01 0.30	21.59 -0.92 1.07	23.18 -0.81 0.00	24.60 -0.66 0.00	24.82 -0.38 0.00	24.34 -0.36 0.00	26.35 -0.38 -1.28	24.16 -0.51 -0.23	24.50 -0.31 0.00	26.29 -0.38 0.00	31.14 -0.34 0.00	37.52 -0.41 0.00	37.83 -0.98 -0.44	30.50 -0.98 -0.07	25.55 -0.85 0.00	23.60 -1.08 2.22	18.37 -0.97 6.01
STA_7___115KV_9TRANS 80674	21.39 -0.72 0.31	16.48 -0.56 0.00	19.41 -0.82 1.17	16.41 -0.77 0.78	16.18 -0.74 0.98	15.88 -0.68 0.65	19.76 -0.76 0.22	23.73 -0.86 0.30	21.73 -0.78 1.08	23.33 -0.67 0.00	24.77 -0.50 0.00	24.98 -0.21 0.00	24.51 -0.19 0.00	26.50 -0.27 -1.31	24.35 -0.32 -0.24	24.70 -0.12 0.00	26.54 -0.13 0.00	31.47 -0.02 0.00	37.93 0.00 0.00	38.21 -0.59 -0.42	30.80 -0.68 -0.07	25.78 -0.61 0.00	23.82 -0.87 2.23	18.54 -0.80 6.02
STA_82___115KV_TB1 80780	21.25 -0.85 0.31	16.38 -0.65 0.00	19.28 -0.94 1.19	16.30 -0.87 0.79	16.07 -0.84 0.99	15.78 -0.77 0.66	19.64 -0.88 0.22	23.58 -1.00 0.31	21.58 -0.92 1.09	23.19 -0.80 0.00	24.61 -0.65 0.00	24.82 -0.38 0.00	24.35 -0.35 0.00	26.56 -0.37 -1.48	24.21 -0.51 -0.28	24.50 -0.31 0.00	26.30 -0.37 0.00	31.16 -0.32 0.00	37.55 -0.38 0.00	37.77 -0.96 -0.35	30.51 -0.96 -0.06	25.57 -0.83 0.00	23.59 -1.07 2.25	18.30 -0.97 6.09
STEEL___WIND 323596	20.34 -1.55 0.52	15.86 -1.17 0.00	17.77 -1.64 1.99	15.13 -1.50 1.32	14.77 -1.47 1.66	14.74 -1.37 1.11	18.79 -1.57 0.37	22.63 -1.75 0.52	20.19 -1.57 1.83	22.70 -1.30 0.00	24.30 -0.96 0.00	24.71 -0.48 0.00	24.25 -0.45 0.00	25.18 -0.11 0.17	23.69 -0.74 0.00	24.39 -0.42 0.00	26.02 -0.66 0.00	30.68 -0.80 0.00	36.76 -1.16 0.00	33.18 -2.04 3.15	28.88 -1.99 0.54	24.71 -1.68 0.00	21.09 -1.99 3.82	13.17 -1.85 10.33
STEPHTWN_115KV_BK_2 55603	22.71 0.30 0.00	17.40 0.37 0.00	21.85 0.45 0.00	18.42 0.47 0.00	18.37 0.47 0.00	17.67 0.46 0.00	21.20 0.46 0.00	25.42 0.52 0.00	24.06 0.47 0.00	24.43 0.44 0.00	25.66 0.40 0.00	25.47 0.27 0.00	24.98 0.28 0.00	25.65 0.19 0.00	24.72 0.28 0.00	25.25 0.43 0.00	27.34 0.66 0.00	32.34 0.86 0.00	38.96 1.03 0.00	39.46 1.16 0.07	32.36 0.96 0.01	27.17 0.77 0.00	27.58 0.67 0.00	25.89 0.53 0.00
STEUBEN_REC_LFGE 323667	19.20 -1.37 1.85	15.95 -1.08 0.00	12.93 -1.48 7.00	11.90 -1.42 4.63	10.52 -1.55 5.83	11.92 -1.39 3.90	17.83 -1.59 1.32	21.40 -1.76 1.74	16.25 -1.20 6.14	23.31 -0.68 0.00	24.55 -0.71 0.00	25.10 -0.09 0.00	24.86 0.16 0.00	25.14 0.34 0.66	24.38 -0.05 0.00	25.04 0.22 0.00	26.73 0.06 0.00	31.68 0.20 0.00	38.29 0.36 0.00	37.22 0.23 1.39	30.34 -0.83 0.24	24.73 -1.66 0.00	11.26 -2.27 13.37	-13.01 -2.20 36.16
STILLWATER___SOLAR 323814	23.42 1.01 0.00	17.78 0.74 0.00	22.43 1.03 0.00	18.85 0.90 0.00	18.81 0.91 0.00	18.10 0.88 0.00	21.82 1.08 0.00	26.19 1.30 0.00	24.69 1.11 0.00	24.97 0.98 0.00	26.13 0.87 0.00	25.94 0.75 0.00	25.39 0.69 0.00	26.13 0.67 0.00	25.14 0.71 0.00	25.72 0.91 0.00	27.86 1.19 0.00	33.04 1.56 0.00	40.10 2.18 0.00	40.72 2.35 0.00	33.41 2.01 0.00	28.03 1.64 0.00	28.45 1.54 0.00	26.66 1.30 0.00
STONY___BROOK 24151	23.36 0.95 0.00	17.69 0.65 0.00	22.18 0.78 0.00	18.73 0.78 0.00	18.66 0.76 0.00	18.00 0.79 0.00	23.76 1.19 -1.83	29.40 1.54 -2.97	24.98 1.39 0.00	25.25 1.25 0.00	26.62 1.36 0.00	26.51 1.32 0.00	26.16 1.46 0.00	27.13 1.67 0.00	26.27 1.83 0.00	26.87 2.06 0.00	28.76 2.09 0.00	33.84 2.36 0.00	40.23 2.30 0.00	40.55 2.27 0.09	33.59 2.20 0.02	28.18 1.79 0.00	28.63 1.72 0.00	26.70 1.35 0.00
STURGEON_POOL_HYD 23609	22.81 0.40 0.00	17.29 0.25 0.00	21.72 0.31 0.00	18.28 0.33 0.00	18.22 0.32 0.00	17.52 0.31 0.00	21.20 0.46 0.00	25.56 0.66 0.00	24.26 0.67 0.00	24.67 0.67 0.00	26.06 0.80 0.00	26.01 0.82 0.00	25.58 0.88 0.00	26.40 0.95 0.00	25.51 1.07 0.00	26.18 1.37 0.00	28.17 1.50 0.00	33.29 1.80 0.00	39.80 1.87 0.00	40.02 1.74 0.09	32.78 1.39 0.02	27.53 1.14 0.00	27.85 0.94 0.00	26.06 0.70 0.00
ST_LAW_115_BK7_LBMP 345037	22.54 0.13 0.00	17.09 0.05 0.00	21.40 -0.01 0.00	17.88 -0.07 0.00	17.82 -0.08 0.00	17.13 -0.08 0.00	20.68 -0.06 0.00	24.88 -0.01 0.00	23.58 0.00 0.00	24.04 0.05 0.00	25.32 0.05 0.00	25.22 0.02 0.00	24.71 0.01 0.00	25.46 0.00 0.00	24.33 -0.10 0.00	24.53 -0.28 0.00	26.27 -0.40 0.00	30.84 -0.64 0.00	37.23 -0.70 0.00	37.76 -0.61 0.00	31.01 -0.40 0.00	26.10 -0.29 0.00	26.81 -0.10 0.00	25.25 -0.11 0.00

ST_LAW_115_BK8_LBMP 345038	22.54 0.13 0.00	17.09 0.05 0.00	21.40 -0.01 0.00	17.88 -0.07 0.00	17.82 -0.08 0.00	17.13 -0.08 0.00	20.68 -0.06 0.00	24.88 -0.01 0.00	23.58 0.00 0.00	24.04 0.05 0.00	25.32 0.05 0.00	25.22 0.02 0.00	24.71 0.01 0.00	25.46 0.00 0.00	24.33 -0.10 0.00	24.53 -0.28 0.00	26.27 -0.40 0.00	30.84 -0.64 0.00	37.23 -0.70 0.00	37.76 -0.61 0.00	31.01 -0.40 0.00	26.10 -0.29 0.00	26.81 -0.10 0.00	25.25 -0.11 0.00
ST_LAW_230_BK5_LBMP 345035	22.52 0.11 0.00	17.08 0.04 0.00	21.40 -0.01 0.00	17.88 -0.07 0.00	17.83 -0.07 0.00	17.14 -0.07 0.00	20.68 -0.06 0.00	24.89 0.00 0.00	23.59 0.01 0.00	24.06 0.06 0.00	25.33 0.06 0.00	25.22 0.03 0.00	24.72 0.02 0.00	25.47 0.01 0.00	24.36 -0.08 0.00	24.56 -0.25 0.00	26.31 -0.37 0.00	30.89 -0.59 0.00	37.29 -0.64 0.00	37.80 -0.56 0.00	31.04 -0.37 0.00	26.12 -0.27 0.00	26.81 -0.10 0.00	25.26 -0.09 0.00
ST_LAW_230_BK6_LBMP 345036	22.52 0.11 0.00	17.08 0.04 0.00	21.40 -0.01 0.00	17.88 -0.07 0.00	17.83 -0.07 0.00	17.14 -0.07 0.00	20.68 -0.06 0.00	24.89 0.00 0.00	23.59 0.01 0.00	24.06 0.06 0.00	25.33 0.06 0.00	25.22 0.03 0.00	24.72 0.02 0.00	25.47 0.01 0.00	24.36 -0.08 0.00	24.56 -0.25 0.00	26.31 -0.37 0.00	30.89 -0.59 0.00	37.29 -0.64 0.00	37.80 -0.56 0.00	31.04 -0.37 0.00	26.12 -0.27 0.00	26.81 -0.10 0.00	25.26 -0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.83 0.42 0.00	17.34 0.31 0.00	21.78 0.38 0.00	18.35 0.40 0.00	18.29 0.38 0.00	17.58 0.37 0.00	21.23 0.50 0.00	25.57 0.68 0.00	24.25 0.66 0.00	24.62 0.63 0.00	26.01 0.75 0.00	25.95 0.76 0.00	25.50 0.80 0.00	26.31 0.86 0.00	25.43 0.99 0.00	26.07 1.26 0.00	28.06 1.39 0.00	33.20 1.72 0.00	39.75 1.82 0.00	40.03 1.76 0.10	32.78 1.39 0.02	27.54 1.14 0.00	27.87 0.96 0.00	26.12 0.76 0.00
SWANROAD_115KV_TB1 355699	19.99 -1.97 0.45	15.53 -1.50 0.00	17.65 -2.04 1.72	14.98 -1.84 1.14	14.66 -1.81 1.43	14.55 -1.70 0.96	18.43 -1.99 0.32	22.14 -2.31 0.45	19.92 -2.08 1.58	22.09 -1.91 0.00	23.66 -1.60 0.00	23.96 -1.23 0.00	23.50 -1.20 0.00	30.27 -0.82 -5.63	24.05 -1.64 -1.25	23.47 -1.34 0.00	24.96 -1.72 0.00	29.42 -2.06 0.00	35.32 -2.61 0.00	31.73 -3.56 3.08	27.76 -3.13 0.53	23.95 -2.44 0.00	21.06 -2.54 3.30	14.21 -2.22 8.93
SYNERGY___BIOGAS 323694	21.12 -0.90 0.39	16.33 -0.70 0.00	18.87 -1.03 1.50	15.97 -0.99 0.99	15.70 -0.96 1.25	15.52 -0.85 0.83	19.53 -0.92 0.28	23.51 -1.00 0.39	21.27 -0.94 1.38	23.08 -0.91 0.00	24.53 -0.73 0.00	24.77 -0.43 0.00	24.30 -0.40 0.00	35.29 0.94 -8.89	25.84 -0.58 -1.99	24.62 -0.19 0.00	26.18 -0.49 0.00	31.02 -0.46 0.00	37.52 -0.41 0.00	35.72 -1.05 1.61	30.07 -1.06 0.27	25.58 -0.82 0.00	22.99 -1.06 2.87	16.64 -0.97 7.75
SYRACUSE___ENERGY_ST1 323597	22.25 -0.16 0.00	16.92 -0.12 0.00	21.24 -0.16 0.00	17.81 -0.14 0.00	17.78 -0.12 0.00	17.10 -0.11 0.00	20.62 -0.11 0.00	24.71 -0.18 0.00	23.38 -0.20 0.00	23.79 -0.20 0.00	25.07 -0.19 0.00	25.06 -0.13 0.00	24.58 -0.12 0.00	25.36 -0.09 0.00	24.36 -0.07 0.00	24.85 0.04 0.00	26.78 0.11 0.00	31.68 0.20 0.00	38.17 0.24 0.00	38.51 0.14 0.00	31.40 -0.01 0.00	26.32 -0.08 0.00	26.66 -0.25 0.00	25.20 -0.16 0.00
SYRACUSE___ENERGY_ST2 323598	22.25 -0.16 0.00	16.92 -0.12 0.00	21.24 -0.16 0.00	17.81 -0.14 0.00	17.78 -0.12 0.00	17.10 -0.11 0.00	20.62 -0.11 0.00	24.71 -0.18 0.00	23.38 -0.20 0.00	23.79 -0.20 0.00	25.07 -0.19 0.00	25.06 -0.13 0.00	24.58 -0.12 0.00	25.36 -0.09 0.00	24.36 -0.07 0.00	24.85 0.04 0.00	26.78 0.11 0.00	31.68 0.20 0.00	38.17 0.24 0.00	38.51 0.14 0.00	31.40 -0.01 0.00	26.32 -0.08 0.00	26.66 -0.25 0.00	25.20 -0.16 0.00
SYRACUSE___POWER 24017	22.34 -0.18 -0.10	16.90 -0.13 0.00	21.59 -0.19 -0.37	18.03 -0.17 -0.25	18.06 -0.16 -0.31	17.29 -0.13 -0.21	20.66 -0.15 -0.07	24.68 -0.22 0.00	23.36 -0.22 0.00	23.76 -0.23 0.00	25.05 -0.22 0.00	25.03 -0.16 0.00	24.55 -0.15 0.00	25.35 -0.11 0.00	24.32 -0.12 0.00	24.81 -0.01 0.00	26.73 0.05 0.00	31.68 0.20 0.00	38.18 0.25 0.00	38.52 0.15 0.00	31.41 0.01 0.00	26.31 -0.08 0.00	27.43 -0.24 -0.76	27.25 -0.16 -2.06
TALLMAN___138KV_BK151 55660	22.90 0.48 0.00	17.38 0.34 0.00	21.82 0.42 0.00	18.38 0.43 0.00	18.31 0.41 0.00	17.61 0.39 0.00	21.30 0.56 0.00	25.68 0.78 0.00	24.36 0.77 0.00	24.74 0.75 0.00	26.16 0.90 0.00	26.12 0.93 0.00	25.68 0.98 0.00	26.51 1.06 0.00	25.65 1.21 0.00	26.33 1.51 0.00	28.34 1.66 0.00	33.52 2.03 0.00	40.05 2.13 0.00	40.28 2.01 0.10	32.97 1.58 0.02	27.70 1.31 0.00	28.02 1.11 0.00	26.25 0.89 0.00
TEALLAVE_115KV_TB7 355573	22.13 -0.28 0.00	16.83 -0.21 0.00	21.12 -0.28 0.00	17.70 -0.25 0.00	17.66 -0.24 0.00	17.00 -0.21 0.00	20.49 -0.25 0.00	24.54 -0.35 0.00	23.25 -0.33 0.00	23.67 -0.33 0.00	24.94 -0.33 0.00	24.93 -0.26 0.00	24.44 -0.26 0.00	25.24 -0.22 0.00	24.21 -0.22 0.00	24.69 -0.13 0.00	26.59 -0.08 0.00	31.54 0.05 0.00	37.98 0.06 0.00	38.29 -0.08 0.00	31.24 -0.17 0.00	26.18 -0.22 0.00	26.54 -0.37 0.00	25.09 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	20.58 -1.41 0.42	15.96 -1.08 0.00	18.30 -1.51 1.59	15.51 -1.39 1.06	15.22 -1.36 1.33	15.07 -1.26 0.89	19.01 -1.43 0.30	22.85 -1.62 0.41	20.65 -1.47 1.46	22.63 -1.37 0.00	24.13 -1.13 0.00	24.40 -0.79 0.00	23.94 -0.76 0.00	36.99 0.42 -11.11	25.88 -1.05 -2.50	24.16 -0.65 0.00	25.63 -1.04 0.00	30.27 -1.22 0.00	36.43 -1.50 0.00	33.86 -2.32 2.19	28.91 -2.12 0.37	24.80 -1.60 0.00	22.10 -1.76 3.05	15.54 -1.56 8.25
TEMPLE___115KV_TB 2 55572	22.14 -0.28 0.00	16.83 -0.21 0.00	21.12 -0.28 0.00	17.71 -0.24 0.00	17.67 -0.23 0.00	17.01 -0.21 0.00	20.50 -0.24 0.00	24.55 -0.35 0.00	23.26 -0.33 0.00	23.68 -0.32 0.00	24.95 -0.31 0.00	24.94 -0.25 0.00	24.46 -0.24 0.00	25.25 -0.20 0.00	24.22 -0.22 0.00	24.70 -0.11 0.00	26.61 -0.07 0.00	31.56 0.08 0.00	38.02 0.09 0.00	38.32 -0.05 0.00	31.25 -0.16 0.00	26.18 -0.21 0.00	26.55 -0.36 0.00	25.10 -0.26 0.00
TIANA____69_KV_BK 1 55817	23.44 1.02 0.00	17.75 0.71 0.00	22.26 0.86 0.00	18.81 0.86 0.00	18.75 0.84 0.00	18.10 0.88 0.00	23.87 1.30 -1.83	29.50 1.63 -2.97	25.04 1.46 0.00	25.29 1.30 0.00	26.63 1.36 0.00	26.46 1.26 0.00	26.19 1.49 0.00	27.17 1.71 0.00	26.27 1.84 0.00	26.90 2.09 0.00	28.92 2.25 0.00	33.97 2.49 0.00	40.31 2.38 0.00	40.67 2.40 0.09	33.56 2.17 0.02	28.14 1.74 0.00	28.65 1.74 0.00	26.66 1.31 0.00
TILDEN___115KV_TB1 80814	22.34 -0.18 -0.10	16.90 -0.13 0.00	21.59 -0.19 -0.37	18.03 -0.17 -0.25	18.06 -0.16 -0.31	17.29 -0.13 -0.21	20.66 -0.15 -0.07	24.68 -0.22 0.00	23.36 -0.22 0.00	23.76 -0.23 0.00	25.05 -0.22 0.00	25.03 -0.16 0.00	24.55 -0.15 0.00	25.35 -0.11 0.00	24.32 -0.12 0.00	24.81 -0.01 0.00	26.73 0.05 0.00	31.68 0.20 0.00	38.18 0.25 0.00	38.52 0.15 0.00	31.41 0.01 0.00	26.31 -0.08 0.00	27.43 -0.24 -0.76	27.25 -0.16 -2.06

TRIGEN___CC 323695	23.22 0.81 0.00	17.61 0.57 0.00	22.08 0.68 0.00	18.63 0.68 0.00	18.57 0.66 0.00	17.88 0.67 0.00	23.54 0.97 -1.83	29.14 1.27 -2.97	24.78 1.19 0.00	25.12 1.13 0.00	26.57 1.31 0.00	26.49 1.30 0.00	26.08 1.39 0.00	26.96 1.50 0.00	26.06 1.62 0.00	26.64 1.83 0.00	28.61 1.94 0.00	33.74 2.26 0.00	40.23 2.30 0.00	40.47 2.19 0.09	33.25 1.86 0.02	27.97 1.58 0.00	28.40 1.49 0.00	26.56 1.20 0.00
TRINITY___115KV___4 BK 55933	22.59 0.18 0.00	17.32 0.28 0.00	21.82 0.41 0.00	18.37 0.42 0.00	18.32 0.42 0.00	17.58 0.37 0.00	21.04 0.30 0.00	25.22 0.33 0.00	23.90 0.32 0.00	24.26 0.26 0.00	25.50 0.23 0.00	25.34 0.15 0.00	24.81 0.11 0.00	25.49 0.03 0.00	24.54 0.11 0.00	25.04 0.23 0.00	27.05 0.38 0.00	31.96 0.48 0.00	38.55 0.63 0.00	39.05 0.76 0.07	32.06 0.66 0.01	26.92 0.52 0.00	27.34 0.43 0.00	25.70 0.34 0.00
UNION___PROCESSING_DRP 323587	21.25 -0.85 0.31	16.39 -0.65 0.00	19.28 -0.93 1.19	16.30 -0.86 0.79	16.08 -0.83 0.99	15.78 -0.77 0.66	19.65 -0.87 0.22	23.59 -1.00 0.31	21.58 -0.91 1.09	23.19 -0.80 0.00	24.61 -0.65 0.00	24.82 -0.37 0.00	24.35 -0.35 0.00	26.67 -0.37 -1.57	24.24 -0.50 -0.31	24.51 -0.31 0.00	26.31 -0.36 0.00	31.16 -0.32 0.00	37.55 -0.38 0.00	37.75 -0.95 -0.32	30.51 -0.96 -0.05	25.57 -0.82 0.00	23.60 -1.06 2.25	18.31 -0.96 6.09
UPPER HUDSON___HYD 24058	23.79 1.37 0.00	17.97 0.93 0.00	22.68 1.28 0.00	19.07 1.12 0.00	19.03 1.13 0.00	18.32 1.11 0.00	22.17 1.43 0.00	26.65 1.76 0.00	25.13 1.54 0.00	25.35 1.36 0.00	26.39 1.13 0.00	26.17 0.98 0.00	25.53 0.83 0.00	26.28 0.83 0.00	25.30 0.87 0.00	25.96 1.14 0.00	28.15 1.48 0.00	33.40 1.92 0.00	40.79 2.86 0.00	41.32 3.03 0.07	34.08 2.69 0.01	28.60 2.20 0.00	28.99 2.08 0.00	27.10 1.75 0.00
UPPER RAQUET___HYD 24056	22.10 -0.31 0.00	16.73 -0.31 0.00	20.94 -0.47 0.00	17.50 -0.45 0.00	17.43 -0.47 0.00	16.74 -0.48 0.00	20.27 -0.47 0.00	24.38 -0.52 0.00	23.01 -0.58 0.00	23.42 -0.57 0.00	24.66 -0.60 0.00	24.51 -0.68 0.00	24.00 -0.69 0.00	24.73 -0.73 0.00	23.56 -0.88 0.00	23.71 -1.10 0.00	25.40 -1.27 0.00	29.83 -1.66 0.00	36.31 -1.62 0.00	37.22 -1.15 0.00	30.48 -0.93 0.00	25.52 -0.88 0.00	26.27 -0.64 0.00	24.75 -0.61 0.00
VALLEY44_115KV_TB2 355964	20.26 -1.51 0.65	15.93 -1.11 0.00	17.48 -1.45 2.47	15.05 -1.26 1.64	14.60 -1.24 2.06	14.66 -1.17 1.38	18.94 -1.33 0.47	22.83 -1.42 0.64	20.05 -1.27 2.27	22.87 -1.13 0.00	24.38 -0.89 0.00	24.74 -0.46 0.00	24.33 -0.37 0.00	24.70 -0.01 0.74	24.07 -0.37 0.00	24.77 -0.04 0.00	26.40 -0.27 0.00	31.23 -0.26 0.00	37.33 -0.60 0.00	34.46 -1.13 2.78	29.66 -1.13 0.47	25.21 -1.27 0.00	20.57 -1.18 4.78	10.91 -1.56 12.91
VALLEY___115KV_TB 1-4 80826	22.54 0.13 0.00	17.12 0.08 0.00	21.54 0.13 0.00	18.11 0.16 0.00	18.09 0.18 0.00	17.41 0.20 0.00	20.97 0.23 0.00	25.16 0.26 0.00	23.80 0.22 0.00	24.21 0.22 0.00	25.48 0.22 0.00	25.41 0.22 0.00	24.90 0.20 0.00	25.64 0.19 0.00	24.57 0.13 0.00	24.97 0.16 0.00	26.81 0.14 0.00	31.56 0.07 0.00	37.94 0.01 0.00	38.37 0.00 0.00	31.31 -0.10 0.00	26.46 0.06 0.00	26.93 0.03 0.00	25.27 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.02 0.50 -0.10	17.39 0.36 0.00	22.29 0.49 -0.40	18.64 0.42 -0.26	18.67 0.43 -0.33	17.87 0.44 -0.22	21.39 0.57 -0.08	25.71 0.69 -0.12	24.63 0.63 -0.42	24.63 0.64 0.00	25.98 0.72 0.00	25.94 0.74 0.00	25.47 0.77 0.00	26.28 0.82 0.00	25.27 0.83 0.00	25.84 1.03 0.00	27.82 1.15 0.00	32.91 1.43 0.00	39.56 1.63 0.00	39.58 1.53 0.32	32.52 1.17 0.05	27.31 0.91 0.00	27.66 0.75 0.00	25.99 0.63 0.00
VISCHER___FERRY HYD 24020	23.06 0.65 0.00	17.56 0.52 0.00	22.17 0.77 0.00	18.63 0.68 0.00	18.59 0.69 0.00	17.86 0.65 0.00	21.47 0.73 0.00	25.76 0.87 0.00	24.37 0.78 0.00	24.70 0.71 0.00	25.90 0.64 0.00	25.72 0.53 0.00	25.18 0.48 0.00	25.90 0.44 0.00	24.90 0.46 0.00	25.39 0.58 0.00	27.46 0.79 0.00	32.49 1.00 0.00	39.31 1.38 0.00	39.97 1.60 0.00	32.78 1.37 0.00	27.51 1.12 0.00	27.96 1.05 0.00	26.24 0.88 0.00
V_A_10_SYNC_DSASP 323832	20.51 -1.53 0.37	15.88 -1.16 0.00	18.40 -1.58 1.42	15.58 -1.43 0.94	15.33 -1.40 1.18	15.11 -1.31 0.79	18.93 -1.54 0.27	22.74 -1.78 0.37	20.69 -1.59 1.30	22.58 -1.41 0.00	24.07 -1.19 0.00	24.38 -0.82 0.00	23.91 -0.79 0.00	23.74 -0.60 1.12	22.97 -1.06 0.40	23.98 -0.83 0.00	25.61 -1.06 0.00	30.24 -1.24 0.00	36.33 -1.60 0.00	37.85 -2.42 -1.90	29.57 -2.16 -0.32	24.64 -1.75 0.00	22.22 -1.98 2.71	16.22 -1.80 7.34
V_CMM_10_SYNC_DSASP 323787	22.65 0.24 0.00	17.18 0.14 0.00	21.50 0.10 0.00	17.97 0.02 0.00	17.91 0.01 0.00	17.22 0.00 0.00	20.79 0.05 0.00	25.02 0.13 0.00	23.71 0.13 0.00	24.18 0.19 0.00	25.45 0.19 0.00	25.36 0.17 0.00	24.85 0.15 0.00	25.61 0.15 0.00	24.48 0.04 0.00	24.68 -0.13 0.00	26.43 -0.24 0.00	31.02 -0.46 0.00	37.44 -0.49 0.00	37.97 -0.40 0.00	31.19 -0.22 0.00	26.25 -0.15 0.00	26.95 0.04 0.00	25.38 0.03 0.00
V_CMP_10_SYNC_DSASP 323788	23.38 0.97 0.00	17.57 0.53 0.00	22.05 0.65 0.00	18.49 0.54 0.00	18.38 0.48 0.00	17.65 0.44 0.00	21.15 0.41 0.00	25.35 0.46 0.00	24.05 0.46 0.00	24.49 0.50 0.00	25.79 0.52 0.00	25.69 0.50 0.00	25.26 0.56 0.00	26.01 0.55 0.00	24.90 0.47 0.00	25.36 0.55 0.00	27.13 0.46 0.00	31.37 -0.11 0.00	37.75 -0.18 0.00	38.37 0.00 0.00	31.29 -0.12 0.00	26.00 -0.40 0.00	26.68 -0.23 0.00	25.26 -0.10 0.00
V_D_10_SYNC_DSASP 323841	22.80 0.39 0.00	17.28 0.25 0.00	21.63 0.23 0.00	18.08 0.13 0.00	18.01 0.11 0.00	17.32 0.10 0.00	20.92 0.18 0.00	25.18 0.29 0.00	23.84 0.26 0.00	24.30 0.31 0.00	25.58 0.32 0.00	25.48 0.29 0.00	24.98 0.28 0.00	25.73 0.28 0.00	24.57 0.14 0.00	24.77 -0.04 0.00	26.51 -0.16 0.00	31.04 -0.44 0.00	37.50 -0.43 0.00	38.17 -0.20 0.00	31.37 -0.04 0.00	26.41 0.02 0.00	27.14 0.22 0.00	25.54 0.19 0.00
V_E_10_SYNC_DSASP 323830	24.44 1.00 -1.03	17.61 0.57 0.00	26.09 0.79 -3.89	21.17 0.64 -2.58	21.83 0.68 -3.24	20.28 0.90 -2.17	22.76 1.29 -0.73	27.46 1.63 -0.94	28.17 1.27 -3.32	25.07 1.08 0.00	26.29 1.03 0.00	26.24 1.04 0.00	25.72 1.02 0.00	26.52 1.06 0.00	25.38 0.95 0.00	26.00 1.19 0.00	28.18 1.51 0.00	33.58 2.09 0.00	40.93 3.00 0.00	40.79 2.95 0.53	33.26 1.94 0.09	27.55 1.15 0.00	34.93 0.71 -7.32	45.77 0.63 -19.78
V_F_30_NSYNC___DSASP 323816	23.43 1.02 0.00	17.79 0.75 0.00	22.44 1.04 0.00	18.85 0.90 0.00	18.82 0.91 0.00	18.10 0.89 0.00	21.83 1.09 0.00	26.21 1.31 0.00	24.72 1.14 0.00	25.01 1.02 0.00	26.19 0.92 0.00	26.00 0.81 0.00	25.45 0.75 0.00	26.20 0.74 0.00	25.21 0.77 0.00	25.80 0.98 0.00	27.92 1.25 0.00	33.10 1.62 0.00	40.17 2.24 0.00	40.76 2.39 0.00	33.44 2.04 0.00	28.06 1.66 0.00	28.46 1.56 0.00	26.67 1.32 0.00

V_F_30_SYNC_DSASP 323786	22.69 0.28 0.00	17.39 0.35 0.00	21.90 0.49 0.00	18.43 0.48 0.00	18.38 0.48 0.00	17.65 0.44 0.00	21.13 0.39 0.00	25.33 0.44 0.00	24.00 0.42 0.00	24.36 0.36 0.00	25.61 0.35 0.00	25.46 0.27 0.00	24.93 0.23 0.00	25.63 0.17 0.00	24.68 0.25 0.00	25.19 0.38 0.00	27.22 0.54 0.00	32.18 0.70 0.00	38.80 0.87 0.00	39.29 1.00 0.07	32.24 0.84 0.01	27.06 0.66 0.00	27.47 0.56 0.00	25.82 0.47 0.00
V_XM_10_SYNC_DSASP 323789	23.38 0.97 0.00	17.57 0.53 0.00	22.05 0.65 0.00	18.49 0.54 0.00	18.38 0.48 0.00	17.65 0.44 0.00	21.15 0.41 0.00	25.35 0.46 0.00	24.05 0.46 0.00	24.49 0.50 0.00	25.79 0.52 0.00	25.69 0.50 0.00	25.26 0.56 0.00	26.01 0.55 0.00	24.90 0.47 0.00	25.36 0.55 0.00	27.13 0.46 0.00	31.37 -0.11 0.00	37.75 -0.18 0.00	38.37 0.00 0.00	31.29 -0.12 0.00	26.00 -0.40 0.00	26.68 -0.23 0.00	25.26 -0.10 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.97 0.56 0.00	17.43 0.39 0.00	21.89 0.49 0.00	18.44 0.49 0.00	18.38 0.47 0.00	17.67 0.45 0.00	21.37 0.63 0.00	25.76 0.87 0.00	24.44 0.86 0.00	24.83 0.84 0.00	26.25 0.99 0.00	26.21 1.01 0.00	25.77 1.07 0.00	26.59 1.14 0.00	25.73 1.29 0.00	26.41 1.60 0.00	28.43 1.76 0.00	33.63 2.15 0.00	40.21 2.28 0.00	40.44 2.16 0.10	33.10 1.71 0.02	27.80 1.41 0.00	28.12 1.21 0.00	26.33 0.97 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.12 0.70 0.00	17.53 0.49 0.00	21.99 0.59 0.00	18.54 0.58 0.00	18.49 0.58 0.00	17.75 0.54 0.00	21.48 0.74 0.00	25.89 1.00 0.00	24.59 1.00 0.00	25.00 1.01 0.00	26.43 1.16 0.00	26.37 1.17 0.00	25.95 1.26 0.00	26.79 1.34 0.00	25.90 1.47 0.00	26.58 1.77 0.00	28.59 1.92 0.00	33.80 2.32 0.00	40.34 2.41 0.00	40.53 2.26 0.09	33.21 1.82 0.02	27.90 1.51 0.00	28.21 1.30 0.00	26.39 1.04 0.00
W50THST__13_KV_LOAD 356117	23.23 0.81 0.00	17.61 0.57 0.00	22.10 0.70 0.00	18.63 0.67 0.00	18.58 0.68 0.00	17.85 0.64 0.00	21.62 0.88 0.00	26.06 1.17 0.00	24.76 1.18 0.00	25.20 1.20 0.00	26.62 1.36 0.00	26.55 1.36 0.00	26.14 1.44 0.00	26.99 1.53 0.00	26.09 1.66 0.00	26.78 1.97 0.00	28.81 2.14 0.00	34.03 2.55 0.00	40.58 2.66 0.00	40.76 2.48 0.09	33.38 1.99 0.02	28.03 1.64 0.00	28.34 1.43 0.00	26.50 1.14 0.00
WADING RIVER_IC_1 23522	23.56 1.14 0.00	17.79 0.75 0.00	22.31 0.91 0.00	18.83 0.88 0.00	18.77 0.87 0.00	18.11 0.89 0.00	23.89 1.31 -1.83	29.54 1.68 -2.97	25.11 1.53 0.00	25.36 1.37 0.00	26.75 1.48 0.00	26.62 1.42 0.00	26.27 1.57 0.00	27.23 1.78 0.00	26.37 1.93 0.00	27.01 2.19 0.00	29.01 2.34 0.00	34.16 2.68 0.00	40.62 2.69 0.00	40.98 2.70 0.09	33.64 2.25 0.02	27.90 1.50 0.00	28.42 1.51 0.00	26.50 1.14 0.00
WADING RIVER_IC_2 23547	23.56 1.14 0.00	17.79 0.75 0.00	22.31 0.91 0.00	18.83 0.88 0.00	18.77 0.87 0.00	18.11 0.89 0.00	23.89 1.31 -1.83	29.54 1.68 -2.97	25.11 1.53 0.00	25.36 1.37 0.00	26.75 1.48 0.00	26.62 1.42 0.00	26.27 1.57 0.00	27.23 1.78 0.00	26.37 1.93 0.00	27.01 2.19 0.00	29.01 2.34 0.00	34.16 2.68 0.00	40.62 2.69 0.00	40.98 2.70 0.09	33.64 2.25 0.02	27.90 1.50 0.00	28.42 1.51 0.00	26.50 1.14 0.00
WADING RIVER_IC_3 23601	23.56 1.14 0.00	17.79 0.75 0.00	22.31 0.91 0.00	18.83 0.88 0.00	18.77 0.87 0.00	18.11 0.89 0.00	23.89 1.31 -1.83	29.54 1.68 -2.97	25.11 1.53 0.00	25.36 1.37 0.00	26.75 1.48 0.00	26.62 1.42 0.00	26.27 1.57 0.00	27.23 1.78 0.00	26.37 1.93 0.00	27.01 2.19 0.00	29.01 2.34 0.00	34.16 2.68 0.00	40.62 2.69 0.00	40.98 2.70 0.09	33.64 2.25 0.02	27.90 1.50 0.00	28.42 1.51 0.00	26.50 1.14 0.00
WALDENNY_12_KV_BK2 80841	20.38 -1.52 0.52	15.88 -1.15 0.00	17.83 -1.62 1.96	15.18 -1.48 1.30	14.82 -1.45 1.63	14.77 -1.35 1.09	18.82 -1.55 0.37	22.66 -1.72 0.51	20.27 -1.52 1.80	22.74 -1.25 0.00	24.35 -0.92 0.00	24.75 -0.45 0.00	24.29 -0.41 0.00	25.48 -0.07 -0.10	23.96 -0.70 -0.23	24.44 -0.37 0.00	26.05 -0.62 0.00	30.73 -0.75 0.00	36.82 -1.11 0.00	33.20 -2.00 3.16	28.91 -1.96 0.54	24.75 -1.65 0.00	21.22 -1.92 3.76	13.43 -1.75 10.18
WALDEN__HYDRO 24148	22.94 0.52 0.00	17.41 0.37 0.00	21.86 0.47 0.00	18.42 0.46 0.00	18.35 0.45 0.00	17.65 0.43 0.00	21.33 0.59 0.00	25.69 0.80 0.00	24.35 0.77 0.00	24.72 0.73 0.00	26.09 0.82 0.00	26.03 0.83 0.00	25.57 0.87 0.00	26.39 0.94 0.00	25.49 1.06 0.00	26.15 1.34 0.00	28.17 1.50 0.00	33.33 1.85 0.00	39.96 2.03 0.00	40.24 1.97 0.09	32.97 1.57 0.02	27.68 1.28 0.00	28.00 1.09 0.00	26.22 0.87 0.00
WARRENSBURG____ 23737	23.79 1.37 0.00	17.97 0.93 0.00	22.68 1.28 0.00	19.07 1.12 0.00	19.03 1.13 0.00	18.32 1.11 0.00	22.17 1.43 0.00	26.65 1.76 0.00	25.13 1.54 0.00	25.35 1.36 0.00	26.39 1.13 0.00	26.17 0.98 0.00	25.53 0.83 0.00	26.28 0.83 0.00	25.30 0.87 0.00	25.96 1.14 0.00	28.15 1.48 0.00	33.40 1.92 0.00	40.79 2.86 0.00	41.32 3.03 0.07	34.08 2.69 0.01	28.60 2.20 0.00	28.99 2.08 0.00	27.10 1.75 0.00
WATERSIDE____6 8 9 23538	22.87 0.71 0.26	17.55 0.51 0.00	22.03 0.62 0.00	18.56 0.61 0.00	18.50 0.60 0.00	17.78 0.57 0.00	21.51 0.77 0.00	25.89 1.00 0.00	24.62 1.04 0.00	24.67 1.03 0.35	24.09 1.21 2.39	26.43 1.24 0.00	23.56 1.32 2.46	24.29 1.39 2.56	23.10 1.53 2.87	22.68 1.84 3.97	26.21 1.99 2.45	32.58 2.36 1.26	40.30 2.44 0.06	40.60 2.32 0.09	31.74 1.89 1.56	26.24 1.55 1.71	27.82 1.35 0.44	25.67 1.09 0.78
WATKINRD_115KV_LN8_ILLION 55919	22.35 -0.06 0.00	17.04 0.00 0.00	21.46 0.06 0.00	18.06 0.11 0.00	18.02 0.12 0.00	17.34 0.13 0.00	20.86 0.12 0.00	24.98 0.09 0.00	23.47 -0.12 0.00	23.70 -0.29 0.00	24.91 -0.35 0.00	24.79 -0.41 0.00	24.31 -0.39 0.00	25.03 -0.42 0.00	24.14 -0.30 0.00	24.60 -0.21 0.00	26.61 -0.06 0.00	31.52 0.04 0.00	38.22 0.29 0.00	38.95 0.58 0.00	31.90 0.49 0.00	26.79 0.39 0.00	27.14 0.23 0.00	25.45 0.10 0.00
WATSON__69_KV_BK 1 55734	23.56 1.15 0.00	17.86 0.82 0.00	22.40 1.00 0.00	18.90 0.95 0.00	18.83 0.93 0.00	18.16 0.95 0.00	23.96 1.39 -1.83	29.67 1.81 -2.97	25.24 1.65 0.00	25.51 1.51 0.00	26.91 1.65 0.00	26.79 1.60 0.00	26.44 1.74 0.00	27.38 1.92 0.00	26.49 2.06 0.00	27.12 2.31 0.00	29.12 2.45 0.00	34.30 2.82 0.00	40.83 2.90 0.00	41.13 2.86 0.09	33.95 2.56 0.02	28.50 2.10 0.00	28.95 2.04 0.00	26.97 1.62 0.00
WDELAWARE__HYD 323627	22.34 -0.07 0.00	16.94 -0.10 0.00	21.27 -0.14 0.00	17.91 -0.04 0.00	17.85 -0.05 0.00	17.18 -0.03 0.00	20.78 0.04 0.00	25.04 0.14 0.00	23.71 0.12 0.00	24.02 0.03 0.00	25.31 0.05 0.00	25.23 0.04 0.00	24.79 0.09 0.00	25.57 0.11 0.00	24.70 0.27 0.00	25.33 0.52 0.00	27.33 0.65 0.00	32.38 0.90 0.00	38.89 0.96 0.00	39.20 0.93 0.10	32.12 0.73 0.02	26.95 0.56 0.00	27.24 0.33 0.00	25.52 0.16 0.00

WEST BABYLON___IC 23714	23.52 1.11 0.00	17.83 0.79 0.00	22.36 0.96 0.00	18.86 0.91 0.00	18.80 0.90 0.00	18.12 0.91 0.00	23.90 1.33 -1.83	29.58 1.72 -2.97	25.18 1.59 0.00	25.44 1.45 0.00	26.86 1.60 0.00	26.75 1.56 0.00	26.37 1.67 0.00	27.25 1.79 0.00	26.35 1.91 0.00	26.97 2.16 0.00	28.93 2.26 0.00	34.10 2.62 0.00	40.62 2.69 0.00	40.90 2.62 0.09	33.72 2.33 0.02	28.35 1.96 0.00	28.86 1.94 0.00	26.91 1.55 0.00
WEST CANADA___HYD 24049	22.40 -0.01 0.00	17.04 0.00 0.00	21.42 0.02 0.00	17.99 0.04 0.00	17.94 0.04 0.00	17.25 0.04 0.00	20.77 0.03 0.00	24.92 0.03 0.00	23.59 0.01 0.00	23.99 0.00 0.00	25.25 -0.02 0.00	25.18 -0.02 0.00	24.67 -0.03 0.00	25.43 -0.02 0.00	24.44 0.00 0.00	24.85 0.04 0.00	26.74 0.07 0.00	31.58 0.09 0.00	38.07 0.14 0.00	38.53 0.16 0.00	31.51 0.10 0.00	26.48 0.08 0.00	26.94 0.03 0.00	25.38 0.03 0.00
WESTERN_NY_WIND 24143	21.07 -0.94 0.40	16.30 -0.73 0.00	18.80 -1.07 1.53	15.92 -1.02 1.01	15.65 -0.99 1.27	15.47 -0.89 0.85	19.49 -0.96 0.29	23.45 -1.04 0.40	21.20 -0.98 1.40	23.04 -0.95 0.00	24.50 -0.77 0.00	24.73 -0.46 0.00	24.27 -0.43 0.00	36.02 0.98 -9.59	25.96 -0.62 -2.15	24.60 -0.21 0.00	26.14 -0.54 0.00	30.96 -0.52 0.00	37.43 -0.50 0.00	35.44 -1.14 1.79	29.95 -1.15 0.30	25.52 -0.87 0.00	22.89 -1.10 2.93	16.46 -0.99 7.91
WESTOVER___LESR 323668	21.96 -0.25 0.19	16.85 -0.19 0.00	20.41 -0.25 0.74	17.26 -0.20 0.49	17.10 -0.19 0.61	16.64 -0.16 0.41	20.45 -0.15 0.14	24.70 -0.19 0.00	23.35 -0.24 0.00	23.78 -0.22 0.00	25.15 -0.12 0.00	25.24 0.05 0.00	24.80 0.10 0.00	25.59 0.13 0.00	24.55 0.12 0.00	25.16 0.35 0.00	27.04 0.37 0.00	31.90 0.42 0.00	38.25 0.32 0.00	37.83 0.19 0.73	31.28 0.00 0.12	26.31 -0.09 0.00	25.09 -0.35 1.48	20.98 -0.38 4.00
WETHRSFD_WT_PWR 323626	20.11 -1.65 0.66	15.78 -1.26 0.00	17.18 -1.73 2.49	14.72 -1.59 1.65	14.26 -1.57 2.08	14.38 -1.44 1.39	18.60 -1.67 0.47	22.40 -1.84 0.65	19.64 -1.65 2.29	22.63 -1.36 0.00	24.23 -1.03 0.00	24.63 -0.56 0.00	24.23 -0.47 0.00	22.07 -0.23 3.16	23.68 -0.75 0.00	24.38 -0.44 0.00	26.03 -0.65 0.00	30.69 -0.79 0.00	36.75 -1.18 0.00	33.88 -1.95 2.54	28.89 -2.08 0.43	24.50 -1.89 0.00	19.89 -2.27 4.75	10.38 -2.14 12.84
WHAVSTOR_138KV_BK127 55557	22.89 0.48 0.00	17.37 0.34 0.00	21.82 0.42 0.00	18.38 0.43 0.00	18.31 0.41 0.00	17.61 0.39 0.00	21.29 0.55 0.00	25.66 0.77 0.00	24.34 0.76 0.00	24.73 0.74 0.00	26.14 0.87 0.00	26.10 0.91 0.00	25.66 0.96 0.00	26.47 1.02 0.00	25.61 1.18 0.00	26.28 1.47 0.00	28.29 1.62 0.00	33.45 1.97 0.00	39.99 2.06 0.00	40.23 1.96 0.10	32.94 1.55 0.02	27.67 1.28 0.00	28.00 1.09 0.00	26.23 0.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.89 0.48 0.00	17.37 0.34 0.00	21.82 0.42 0.00	18.38 0.43 0.00	18.31 0.41 0.00	17.61 0.39 0.00	21.29 0.55 0.00	25.66 0.77 0.00	24.34 0.76 0.00	24.73 0.74 0.00	26.14 0.87 0.00	26.10 0.91 0.00	25.66 0.96 0.00	26.47 1.02 0.00	25.61 1.18 0.00	26.28 1.47 0.00	28.29 1.62 0.00	33.45 1.97 0.00	39.99 2.06 0.00	40.23 1.96 0.10	32.94 1.55 0.02	27.67 1.28 0.00	28.00 1.09 0.00	26.23 0.87 0.00
WHITEHAL_115KV_TB1 80871	24.50 2.09 0.00	18.18 1.14 0.00	23.01 1.61 0.00	19.40 1.45 0.00	19.38 1.48 0.00	18.66 1.45 0.00	22.75 2.02 0.00	27.42 2.53 0.00	25.83 2.25 0.00	25.95 1.96 0.00	26.92 1.66 0.00	26.50 1.31 0.00	25.82 1.12 0.00	26.57 1.11 0.00	25.58 1.15 0.00	26.45 1.64 0.00	28.81 2.14 0.00	33.98 2.50 0.00	41.65 3.72 0.00	42.26 3.97 0.07	34.88 3.49 0.01	29.38 2.98 0.00	29.89 2.98 0.00	27.79 2.43 0.00
WHITEPLN_13_KV_LOAD 356215	23.23 0.81 0.00	17.62 0.58 0.00	22.12 0.72 0.00	18.63 0.67 0.00	18.56 0.66 0.00	17.85 0.64 0.00	21.60 0.87 0.00	26.06 1.17 0.00	24.73 1.15 0.00	25.15 1.16 0.00	26.59 1.33 0.00	26.54 1.35 0.00	26.10 1.40 0.00	26.95 1.49 0.00	26.04 1.61 0.00	26.74 1.92 0.00	28.78 2.11 0.00	34.03 2.54 0.00	40.66 2.73 0.00	40.87 2.59 0.09	33.47 2.08 0.02	28.09 1.70 0.00	28.40 1.49 0.00	26.57 1.21 0.00
WM_FLOYD_69_KV_BK2 356380	23.34 0.93 0.00	17.68 0.64 0.00	22.17 0.77 0.00	18.72 0.77 0.00	18.66 0.75 0.00	18.00 0.79 0.00	23.75 1.18 -1.83	29.36 1.50 -2.97	24.93 1.34 0.00	25.15 1.16 0.00	26.48 1.22 0.00	26.33 1.13 0.00	26.01 1.31 0.00	26.98 1.52 0.00	26.12 1.68 0.00	26.73 1.92 0.00	28.75 2.07 0.00	33.80 2.32 0.00	40.17 2.25 0.00	40.55 2.27 0.09	33.47 2.07 0.02	28.09 1.69 0.00	28.59 1.68 0.00	26.64 1.28 0.00
WOODARD__115KV_TB2 355635	22.13 -0.29 0.00	16.82 -0.22 0.00	21.12 -0.28 0.00	17.70 -0.25 0.00	17.67 -0.23 0.00	17.00 -0.21 0.00	20.48 -0.25 0.00	24.53 -0.36 0.00	23.24 -0.34 0.00	23.65 -0.34 0.00	24.91 -0.35 0.00	24.91 -0.29 0.00	24.42 -0.28 0.00	25.20 -0.26 0.00	24.18 -0.26 0.00	24.65 -0.16 0.00	26.55 -0.12 0.00	31.46 -0.02 0.00	37.90 -0.03 0.00	38.23 -0.14 0.00	31.19 -0.22 0.00	26.15 -0.25 0.00	26.51 -0.40 0.00	25.08 -0.28 0.00
YORK___WARBASSE 23770	24.49 0.81 -1.26	17.62 0.58 0.00	22.11 0.71 0.00	18.62 0.67 0.00	18.56 0.66 0.00	17.84 0.63 0.00	21.59 0.85 -0.01	26.01 1.10 -0.02	24.72 1.13 -0.01	26.82 1.12 -1.70	38.31 1.32 -11.72	26.53 1.33 -0.01	38.19 1.42 -12.07	39.56 1.51 -12.59	40.24 1.65 -14.16	46.77 1.96 -20.00	40.83 2.13 -12.03	40.17 2.51 -6.18	40.87 2.63 -0.31	40.77 2.50 0.09	40.99 2.03 -7.55	36.46 1.66 -8.40	30.55 1.49 -2.16	30.43 1.23 -3.84