

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/29/2023

Name	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
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	42.16	38.97	34.54	26.26	23.69	23.76	24.22	25.24	25.84	27.02	28.97	34.02	41.77	45.84	37.95	35.68	59.03	60.37	51.67	37.32	27.40	29.05	40.82	21.13
24138	2.84	2.75	2.49	1.77	1.68	1.64	1.63	1.91	2.04	2.21	2.31	2.91	3.72	2.50	2.44	1.53	1.42	2.40	2.78	2.63	2.45	2.49	2.12	1.80
	0.00	0.00	0.00	-1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-19.50	-11.80	-19.93	-44.38	-35.45	-23.41	-10.02	-1.49	-2.55	-17.76	0.00
74TH STREET_GT_1	42.23	39.03	34.60	26.30	23.75	23.83	24.29	25.35	25.95	27.15	29.10	34.13	41.89	45.92	37.99	35.72	59.07	60.44	51.73	37.37	27.47	29.12	40.90	21.22
24260	2.91	2.81	2.55	1.81	1.73	1.71	1.70	2.01	2.15	2.34	2.45	3.01	3.84	2.57	2.48	1.56	1.46	2.47	2.85	2.68	2.52	2.56	2.21	1.88
	0.00	0.00	0.00	-1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-19.50	-11.80	-19.93	-44.38	-35.45	-23.41	-10.02	-1.49	-2.55	-17.75	0.00
74TH STREET_GT_2	42.23	39.03	34.60	26.30	23.75	23.83	24.29	25.35	25.95	27.15	29.10	34.13	41.89	45.92	37.99	35.72	59.07	60.44	51.73	37.37	27.47	29.12	40.90	21.22
24261	2.91	2.81	2.55	1.81	1.73	1.71	1.70	2.01	2.15	2.34	2.45	3.01	3.84	2.57	2.48	1.56	1.46	2.47	2.85	2.68	2.52	2.56	2.21	1.88
	0.00	0.00	0.00	-1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-19.50	-11.80	-19.93	-44.38	-35.45	-23.41	-10.02	-1.49	-2.55	-17.75	0.00
ADK HUDSON___FALLS	42.07	38.78	34.40	24.68	23.65	23.76	24.12	24.90	25.40	26.59	28.46	33.43	41.03	50.77	40.69	40.81	59.40	48.53	43.69	30.39	26.56	26.36	25.96	20.66
24011	2.75	2.55	2.35	1.68	1.64	1.64	1.53	1.57	1.60	1.78	1.81	2.31	2.97	2.04	1.93	1.11	1.00	1.63	1.87	1.78	1.81	1.84	1.49	1.32
	0.00	0.00	0.00	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-24.87	-15.05	-25.47	-45.17	-24.38	-16.35	-3.93	-1.29	-0.51	-3.54	0.00
ADK RESOURCE___RCVRY	42.40	39.06	34.67	24.89	23.88	23.99	24.31	25.10	25.58	26.81	28.71	33.72	41.47	51.07	40.94	40.96	59.55	48.74	43.92	30.59	26.79	26.58	26.14	20.84
23798	3.09	2.84	2.62	1.89	1.87	1.87	1.72	1.76	1.78	2.01	2.05	2.60	3.41	2.33	2.17	1.25	1.14	1.86	2.11	1.99	2.03	2.07	1.67	1.50
	0.00	0.00	0.00	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-24.89	-15.06	-25.49	-45.18	-24.37	-16.34	-3.92	-1.29	-0.51	-3.53	0.00
ADK S GLENS___FALLS	42.07	38.78	34.40	24.68	23.65	23.76	24.12	24.90	25.40	26.59	28.46	33.43	41.03	50.77	40.69	40.81	59.40	48.53	43.69	30.39	26.56	26.36	25.96	20.66
24028	2.75	2.55	2.35	1.68	1.64	1.64	1.53	1.57	1.60	1.78	1.81	2.31	2.97	2.04	1.93	1.11	1.00	1.63	1.87	1.78	1.81	1.84	1.49	1.32
	0.00	0.00	0.00	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-24.87	-15.05	-25.47	-45.17	-24.38	-16.35	-3.93	-1.29	-0.51	-3.54	0.00
ADK_NYS___DAM	41.15	38.23	33.93	24.41	23.34	23.48	23.83	24.47	24.88	25.92	27.71	32.55	40.02	49.24	39.55	39.53	58.49	49.14	43.78	30.46	26.18	26.00	26.13	20.34
23527	1.83	2.01	1.89	1.35	1.32	1.36	1.24	1.14	1.08	1.11	1.06	1.44	1.96	1.45	1.35	0.79	0.71	1.21	1.31	1.36	1.42	1.40	1.11	1.00
	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-23.94	-14.49	-24.52	-44.55	-25.41	-17.00	-4.43	-1.30	-0.59	-4.09	0.00
AIR_PRODUCTS___DRP	39.67	36.79	32.86	23.64	22.45	22.56	22.95	23.68	24.15	25.20	26.99	31.63	38.81	48.51	38.82	39.15	57.75	47.66	42.52	29.27	25.27	25.05	25.03	19.78
24190	0.35	0.57	0.81	0.63	0.43	0.44	0.36	0.34	0.35	0.39	0.33	0.52	0.75	0.64	0.58	0.34	0.30	0.50	0.55	0.53	0.53	0.51	0.45	0.44
	0.00	0.00	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-24.02	-14.53	-24.59	-44.21	-24.64	-16.50	-4.06	-1.28	-0.52	-3.65	0.00
AKWESSNE_115KV_BK	38.61	35.69	31.59	22.37	21.78	21.92	22.41	23.04	23.51	24.48	26.25	30.52	37.25	23.29	23.29	13.94	13.01	22.19	25.07	24.23	23.13	23.73	20.77	19.24
355683	-0.71	-0.53	-0.45	-0.26	-0.23	-0.19	-0.18	-0.29	-0.29	-0.33	-0.41	-0.60	-0.75	-0.56	-0.43	-0.29	-0.22	-0.32	-0.40	-0.44	-0.34	-0.28	-0.16	-0.10
	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	39.67	36.79	32.86	23.64	22.45	22.56	22.95	23.68	24.15	25.20	26.99	31.63	38.81	48.51	38.82	39.15	57.75	47.66	42.52	29.27	25.27	25.05	25.03	19.78
23571	0.35	0.57	0.81	0.63	0.43	0.44	0.36	0.34	0.35	0.39	0.33	0.52	0.75	0.64	0.58	0.34	0.30	0.50	0.55	0.53	0.53	0.51	0.45	0.44
	0.00	0.00	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-24.02	-14.53	-24.59	-44.21	-24.64	-16.50	-4.06	-1.28	-0.52	-3.65	0.00
ALBANY___2	39.67	36.79	32.86	23.64	22.45	22.56	22.95	23.68	24.15	25.20	26.99	31.63	38.81	48.51	38.82	39.15	57.75	47.66	42.52	29.27	25.27	25.05	25.03	19.78
23572	0.35	0.57	0.81	0.63	0.43	0.44	0.36	0.34	0.35	0.39	0.33	0.52	0.75	0.64	0.58	0.34	0.30	0.50	0.55	0.53	0.53	0.51	0.45	0.44
	0.00	0.00	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-24.02	-14.53	-24.59	-44.21	-24.64	-16.50	-4.06	-1.28	-0.52	-3.65	0.00
ALBANY___3	39.67	36.79	32.86	23.64	22.45	22.56	22.95	23.68	24.15	25.20	26.99	31.63	38.81	48.51	38.82	39.15	57.75	47.66	42.52	29.27	25.27	25.05	25.03	19.78
23573	0.35	0.57	0.81	0.63	0.43	0.44	0.36	0.34	0.35	0.39	0.33	0.52	0.75	0.64	0.58	0.34	0.30	0.50	0.55	0.53	0.53	0.51	0.45	0.44
	0.00	0.00	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-24.02	-14.53	-24.59	-44.21	-24.64	-16.50	-4.06	-1.28	-0.52	-3.65	0.00

ALBANY___4 23574	39.67 0.35 0.00	36.79 0.57 0.00	32.86 0.81 0.00	23.64 0.63 -0.38	22.45 0.43 0.00	22.56 0.44 0.00	22.95 0.36 0.00	23.68 0.34 0.00	24.15 0.35 0.00	25.20 0.39 0.00	26.99 0.33 0.00	31.63 0.52 0.00	38.81 0.75 -0.07	48.51 0.64 -24.02	38.82 0.58 -14.53	39.15 0.34 -24.59	57.75 0.30 -44.21	47.66 0.50 -24.64	42.52 0.55 -16.50	29.27 0.53 -4.06	25.27 0.53 -1.28	25.05 0.51 -0.52	25.03 0.45 -3.65	19.78 0.44 0.00
ALBANY___LFGE 323615	40.25 0.93 0.00	37.28 1.06 0.00	33.26 1.21 0.00	23.90 0.89 -0.38	22.73 0.72 0.00	22.84 0.72 0.00	23.24 0.65 0.00	23.98 0.65 0.00	24.47 0.67 0.00	25.54 0.73 0.00	27.38 0.73 0.00	32.12 1.01 0.00	39.39 1.33 -0.07	49.14 1.02 -24.27	39.34 0.95 -14.68	39.63 0.56 -24.85	58.25 0.50 -44.52	47.94 0.81 -24.61	42.84 0.89 -16.48	29.56 0.84 -4.05	25.57 0.82 -1.29	25.35 0.81 -0.52	25.26 0.69 -3.65	19.98 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	38.80 -0.51 0.00	35.87 -0.35 0.00	31.73 -0.31 0.00	22.48 -0.16 0.00	21.92 -0.10 0.00	22.07 -0.05 0.00	22.58 -0.01 0.00	23.20 -0.13 0.00	23.68 -0.11 0.00	24.66 -0.15 0.00	26.44 -0.22 0.00	30.76 -0.35 0.00	37.53 -0.46 0.00	23.45 -0.40 0.00	23.45 -0.26 0.00	14.04 -0.19 0.00	13.12 -0.12 0.00	22.35 -0.16 0.00	25.22 -0.25 0.00	24.40 -0.27 0.00	23.30 -0.17 0.00	23.90 -0.11 0.00	20.93 -0.01 0.00	19.38 0.05 0.00
ALCOA_RYNLDS___DRP 24188	38.80 -0.51 0.00	35.87 -0.35 0.00	31.73 -0.31 0.00	22.48 -0.16 0.00	21.92 -0.10 0.00	22.07 -0.05 0.00	22.58 -0.01 0.00	23.20 -0.13 0.00	23.68 -0.11 0.00	24.66 -0.15 0.00	26.44 -0.22 0.00	30.76 -0.35 0.00	37.53 -0.46 0.00	23.45 -0.40 0.00	23.45 -0.26 0.00	14.04 -0.19 0.00	13.12 -0.12 0.00	22.35 -0.16 0.00	25.22 -0.25 0.00	24.40 -0.27 0.00	23.30 -0.17 0.00	23.90 -0.11 0.00	20.93 -0.01 0.00	19.38 0.05 0.00
ALCOA___DSASP 323711	38.80 -0.51 0.00	35.87 -0.35 0.00	31.73 -0.31 0.00	22.48 -0.15 0.00	21.92 -0.10 0.00	22.07 -0.05 0.00	22.58 -0.01 0.00	23.20 -0.13 0.00	23.68 -0.11 0.00	24.66 -0.15 0.00	26.44 -0.22 0.00	30.76 -0.35 0.00	37.54 -0.46 0.00	23.45 -0.40 0.00	23.46 -0.26 0.00	14.04 -0.18 0.00	13.12 -0.12 0.00	22.35 -0.17 0.00	25.22 -0.25 0.00	24.40 -0.27 0.00	23.29 -0.17 0.00	23.90 -0.11 0.00	20.93 -0.01 0.00	19.38 0.05 0.00
ALLEGHENY___COGEN 23514	41.17 1.85 0.00	37.50 1.28 0.00	32.73 0.69 0.00	22.94 0.31 0.00	22.55 0.54 0.00	22.69 0.58 0.00	23.24 0.65 0.00	23.92 0.59 0.00	24.30 0.50 0.00	25.14 0.33 0.00	27.19 0.54 0.00	31.33 0.22 0.00	38.22 0.21 -0.01	26.88 0.15 -2.88	25.81 -0.27 -2.36	34.11 -0.26 -20.15	19.09 -0.54 -6.40	22.40 -0.50 -0.38	25.55 -0.23 -0.31	24.47 -0.08 0.12	23.32 -0.22 -0.08	23.85 -0.16 0.00	20.97 0.04 0.00	19.71 0.37 0.00
ALTAMONT_115KV_TB 2 55880	40.33 1.01 0.00	37.32 1.10 0.00	33.19 1.14 0.00	23.82 0.82 -0.37	22.75 0.73 0.00	22.85 0.73 0.00	23.27 0.68 0.00	24.05 0.71 0.00	24.51 0.72 0.00	25.58 0.78 0.00	27.43 0.78 0.00	32.14 1.03 0.00	39.39 1.33 -0.07	48.85 0.99 -24.00	39.18 0.94 -14.52	39.36 0.56 -24.58	57.79 0.51 -44.04	47.75 0.87 -24.37	42.79 0.99 -16.32	29.59 0.96 -3.95	25.65 0.92 -1.27	25.44 0.92 -0.51	25.27 0.79 -3.55	20.06 0.72 0.00
ALTONA_WT_PWR 323606	38.04 -1.28 0.00	35.50 -0.72 0.00	31.69 -0.36 0.00	22.36 -0.27 0.00	21.78 -0.24 0.00	21.98 -0.14 0.00	22.42 -0.18 0.00	23.04 -0.30 0.00	23.46 -0.34 0.00	24.44 -0.37 0.00	26.03 -0.62 0.00	30.17 -0.94 0.00	36.92 -1.08 0.00	23.07 -0.78 0.00	22.99 -0.72 0.00	13.76 -0.46 0.00	12.85 -0.38 0.00	21.94 -0.58 0.00	24.72 -0.75 0.00	23.87 -0.80 0.00	22.89 -0.57 0.00	23.56 -0.46 0.00	20.95 0.02 0.00	19.40 0.06 0.00
AMERICAN_REF_FUEL 24010	39.25 -0.07 0.00	35.72 -0.51 0.00	31.23 -0.81 0.00	21.96 -0.67 0.00	21.67 -0.34 0.00	21.76 -0.36 0.00	22.36 -0.23 0.00	22.93 -0.41 0.00	23.42 -0.38 0.00	24.05 -0.76 0.00	26.08 -0.58 0.00	30.13 -0.98 0.00	36.10 -1.90 -0.01	25.48 -0.97 -2.60	23.71 -1.44 -1.43	12.19 -0.79 1.23	15.32 -0.95 -3.04	21.52 -1.36 -0.36	24.38 -1.38 -0.29	23.36 -1.20 0.11	22.03 -1.50 -0.07	22.61 -1.40 0.00	19.82 -1.11 0.00	18.30 -1.04 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.53 1.21 0.00	36.61 0.40 0.00	31.90 -0.14 0.00	22.33 -0.30 0.00	22.27 0.25 0.00	22.36 0.25 0.00	22.95 0.36 0.00	23.75 0.41 0.00	24.14 0.34 0.00	24.99 0.19 0.00	27.33 0.68 0.00	31.79 0.68 0.00	38.02 0.02 -0.01	26.91 0.13 -2.94	24.51 -0.83 -1.64	12.89 -0.53 0.80	16.22 -0.52 -3.51	22.64 -0.27 -0.39	25.73 -0.06 -0.32	24.54 -0.01 0.12	23.19 -0.35 -0.08	23.90 -0.11 0.00	20.91 -0.02 0.00	19.16 -0.18 0.00
ARTHUR_KILL_GT_1 23520	37.19 2.41 4.54	36.04 2.35 2.54	33.55 2.25 0.75	26.13 1.64 -1.87	23.59 1.57 0.00	23.66 1.54 0.00	24.09 1.50 0.00	25.14 1.81 0.00	25.75 1.95 0.00	26.93 2.12 0.00	28.88 2.22 0.00	32.75 2.69 1.04	31.99 3.29 9.30	34.33 2.22 -8.27	32.49 2.15 -6.62	35.57 1.42 -19.93	58.91 1.30 -44.38	55.03 2.17 -30.34	32.77 2.47 -4.82	32.72 2.37 -5.67	27.30 2.34 -1.49	28.07 2.30 -1.76	28.98 1.98 -6.06	27.52 1.72 -6.46
ARTHUR_KILL_2 23512	37.03 2.24 4.54	35.90 2.21 2.54	33.42 2.13 0.75	26.05 1.56 -1.87	23.51 1.50 0.00	23.58 1.46 0.00	24.02 1.42 0.00	25.07 1.73 0.00	25.66 1.86 0.00	26.83 2.03 0.00	28.77 2.12 0.00	32.62 2.56 1.04	31.82 3.12 9.30	34.22 2.11 -8.27	32.38 2.04 -6.62	35.50 1.35 -19.93	58.85 1.24 -44.38	54.91 2.06 -30.34	32.64 2.35 -4.82	32.59 2.25 -5.67	27.18 2.23 -1.49	27.96 2.19 -1.76	28.89 1.90 -6.06	27.45 1.65 -6.46
ARTHUR_KILL_3 23513	37.19 2.25 4.38	36.02 2.19 2.39	33.31 2.02 0.76	25.61 1.47 -1.51	23.43 1.42 0.00	23.51 1.39 0.00	23.96 1.37 0.00	24.99 1.66 0.00	25.58 1.78 0.00	26.73 1.93 0.00	28.63 1.97 0.00	32.56 2.49 1.04	32.60 3.18 8.58	34.28 2.16 -8.28	32.44 2.10 -6.62	35.49 1.34 -19.93	58.85 1.24 -44.37	54.95 2.10 -30.34	32.72 2.42 -4.83	32.65 2.30 -5.68	27.12 2.16 -1.49	27.97 2.19 -1.76	28.93 1.93 -6.08	27.43 1.63 -6.46
ARTHUR_KILL_COGEN 323718	37.19 2.41 4.54	36.04 2.35 2.54	33.55 2.25 0.75	26.13 1.64 -1.87	23.59 1.57 0.00	23.66 1.54 0.00	24.09 1.50 0.00	25.14 1.81 0.00	25.75 1.95 0.00	26.93 2.12 0.00	28.88 2.22 0.00	32.75 2.69 1.04	31.99 3.29 9.30	34.33 2.22 -8.27	32.49 2.15 -6.62	35.57 1.42 -19.93	58.91 1.30 -44.38	55.03 2.17 -30.34	32.77 2.47 -4.82	32.72 2.37 -5.67	27.30 2.34 -1.49	28.07 2.30 -1.76	28.98 1.98 -6.06	27.52 1.72 -6.46
ASHOKAN____ 23654	41.17 1.85 0.00	38.15 1.93 0.00	33.86 1.81 0.00	23.89 1.26 0.00	23.16 1.15 0.00	23.26 1.14 0.00	23.70 1.11 0.00	24.55 1.22 0.00	25.08 1.28 0.00	26.21 1.40 0.00	28.27 1.62 0.00	33.10 1.99 0.00	40.56 2.50 -0.06	46.90 1.64 -21.40	38.33 1.66 -12.95	37.00 0.92 -21.85	55.91 0.98 -41.69	50.80 2.02 -26.26	45.26 2.30 -17.49	29.78 1.95 -3.16	26.41 1.68 -1.26	25.63 1.62 0.00	22.27 1.34 0.00	20.52 1.18 0.00

ASTORIA_EAST_ENERGY_CC1 323581	41.85 2.53 0.00	38.61 2.39 0.00	34.27 2.22 0.00	26.09 1.60 -1.87	23.56 1.55 0.00	23.62 1.51 0.00	24.00 1.41 0.00	25.09 1.75 0.00	25.64 1.84 0.00	26.77 1.96 0.00	28.72 2.06 0.00	33.69 2.58 0.00	41.36 3.31 -0.05	45.61 2.26 -19.50	37.70 2.19 -11.80	35.54 1.38 -19.93	58.90 1.30 -44.38	60.17 2.20 -35.45	51.41 2.53 -23.41	37.11 2.42 -10.02	27.24 2.29 -1.49	28.85 2.29 -2.55	40.71 2.03 -17.75	21.07 1.73 0.00
ASTORIA_EAST_ENERGY_CC2 323582	41.85 2.53 0.00	38.61 2.39 0.00	34.27 2.22 0.00	26.09 1.60 -1.87	23.56 1.55 0.00	23.62 1.51 0.00	24.00 1.41 0.00	25.09 1.75 0.00	25.64 1.84 0.00	26.77 1.96 0.00	28.72 2.06 0.00	33.69 2.58 0.00	41.36 3.31 -0.05	45.61 2.26 -19.50	37.70 2.19 -11.80	35.54 1.38 -19.93	58.90 1.30 -44.38	60.17 2.20 -35.45	51.41 2.53 -23.41	37.11 2.42 -10.02	27.24 2.29 -1.49	28.85 2.29 -2.55	40.71 2.03 -17.75	21.07 1.73 0.00
ASTORIA_GT2_1 24094	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT2_2 24095	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT2_3 24096	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT2_4 24097	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT3_1 24098	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT3_2 24099	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT3_3 24100	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT3_4 24101	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT4_1 24102	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT4_2 24103	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT4_3 24104	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT4_4 24105	41.86 2.55 0.00	38.62 2.40 0.00	34.29 2.24 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.79 1.98 0.00	28.74 2.08 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA_GT_1 23523	41.98 2.66 0.00	38.72 2.50 0.00	34.36 2.31 0.00	26.15 1.66 -1.87	23.63 1.61 0.00	23.68 1.56 0.00	24.07 1.48 0.00	25.16 1.82 0.00	25.71 1.92 0.00	26.85 2.04 0.00	28.80 2.15 0.00	33.80 2.69 0.00	41.49 3.44 -0.05	45.69 2.34 -19.50	37.78 2.27 -11.80	35.59 1.43 -19.93	58.95 1.34 -44.38	60.24 2.26 -35.45	51.50 2.61 -23.41	37.20 2.51 -10.02	27.32 2.36 -1.49	28.93 2.37 -2.55	40.78 2.09 -17.75	21.12 1.79 0.00

ASTORIA_GT_10 24110	41.78 2.46 0.00	38.65 2.43 0.00	34.29 2.24 0.00	26.09 1.60 -1.87	23.55 1.54 0.00	23.63 1.52 0.00	24.08 1.49 0.00	25.14 1.81 0.00	25.73 1.94 0.00	26.89 2.09 0.00	28.81 2.16 0.00	33.74 2.63 0.00	41.35 3.30 -0.05	45.58 2.23 -19.50	37.68 2.16 -11.80	35.52 1.37 -19.93	58.87 1.26 -44.38	60.12 2.15 -35.45	51.34 2.46 -23.41	37.05 2.36 -10.02	27.20 2.24 -1.49	28.84 2.28 -2.55	40.68 2.00 -17.75	21.06 1.72 0.00
ASTORIA_GT_11 24225	41.78 2.46 0.00	38.65 2.43 0.00	34.29 2.24 0.00	26.09 1.60 -1.87	23.55 1.54 0.00	23.63 1.52 0.00	24.08 1.49 0.00	25.14 1.81 0.00	25.73 1.94 0.00	26.89 2.09 0.00	28.81 2.16 0.00	33.74 2.63 0.00	41.35 3.30 -0.05	45.58 2.23 -19.50	37.68 2.16 -11.80	35.52 1.37 -19.93	58.87 1.26 -44.38	60.12 2.15 -35.45	51.34 2.46 -23.41	37.05 2.36 -10.02	27.20 2.24 -1.49	28.84 2.28 -2.55	40.68 2.00 -17.75	21.06 1.72 0.00
ASTORIA_GT_12 24226	41.78 2.46 0.00	38.65 2.43 0.00	34.29 2.24 0.00	26.09 1.60 -1.87	23.55 1.54 0.00	23.63 1.52 0.00	24.08 1.49 0.00	25.14 1.81 0.00	25.73 1.94 0.00	26.89 2.09 0.00	28.81 2.16 0.00	33.74 2.63 0.00	41.35 3.30 -0.05	45.58 2.23 -19.50	37.68 2.16 -11.80	35.52 1.37 -19.93	58.87 1.26 -44.38	60.12 2.15 -35.45	51.34 2.46 -23.41	37.05 2.36 -10.02	27.20 2.24 -1.49	28.84 2.28 -2.55	40.68 2.00 -17.75	21.06 1.72 0.00
ASTORIA_GT_13 24227	41.78 2.46 0.00	38.65 2.43 0.00	34.29 2.24 0.00	26.09 1.60 -1.87	23.55 1.54 0.00	23.63 1.52 0.00	24.08 1.49 0.00	25.14 1.81 0.00	25.73 1.94 0.00	26.89 2.09 0.00	28.81 2.16 0.00	33.74 2.63 0.00	41.35 3.30 -0.05	45.58 2.23 -19.50	37.68 2.16 -11.80	35.52 1.37 -19.93	58.87 1.26 -44.38	60.12 2.15 -35.45	51.34 2.46 -23.41	37.05 2.36 -10.02	27.20 2.24 -1.49	28.84 2.28 -2.55	40.68 2.00 -17.75	21.06 1.72 0.00
ASTORIA_GT_5 24106	41.98 2.66 0.00	38.72 2.50 0.00	34.36 2.31 0.00	26.15 1.66 -1.87	23.63 1.61 0.00	23.68 1.56 0.00	24.07 1.48 0.00	25.16 1.82 0.00	25.71 1.92 0.00	26.85 2.04 0.00	28.80 2.15 0.00	33.80 2.69 0.00	41.49 3.44 -0.05	45.69 2.34 -19.50	37.78 2.27 -11.80	35.59 1.43 -19.93	58.95 1.34 -44.38	60.24 2.26 -35.45	51.50 2.61 -23.41	37.20 2.51 -10.02	27.32 2.36 -1.49	28.93 2.37 -2.55	40.78 2.09 -17.75	21.12 1.79 0.00
ASTORIA_GT_7 24107	41.98 2.66 0.00	38.72 2.50 0.00	34.36 2.31 0.00	26.15 1.66 -1.87	23.63 1.61 0.00	23.68 1.56 0.00	24.07 1.48 0.00	25.16 1.82 0.00	25.71 1.92 0.00	26.85 2.04 0.00	28.80 2.15 0.00	33.80 2.69 0.00	41.49 3.44 -0.05	45.69 2.34 -19.50	37.78 2.27 -11.80	35.59 1.43 -19.93	58.95 1.34 -44.38	60.24 2.26 -35.45	51.50 2.61 -23.41	37.20 2.51 -10.02	27.32 2.36 -1.49	28.93 2.37 -2.55	40.78 2.09 -17.75	21.12 1.79 0.00
ASTORIA_GT_8 24108	41.98 2.66 0.00	38.72 2.49 0.00	34.36 2.31 0.00	26.15 1.65 -1.87	23.63 1.61 0.00	23.68 1.56 0.00	24.07 1.48 0.00	25.16 1.82 0.00	25.71 1.92 0.00	26.85 2.05 0.00	28.80 2.15 0.00	33.80 2.68 0.00	41.48 3.43 -0.05	45.69 2.34 -19.50	37.78 2.27 -11.80	35.59 1.43 -19.93	58.95 1.34 -44.38	60.24 2.27 -35.45	51.50 2.61 -23.41	37.20 2.51 -10.02	27.32 2.36 -1.49	28.94 2.37 -2.55	40.77 2.09 -17.75	21.12 1.79 0.00
ASTORIA___2 24149	41.86 2.55 0.00	38.63 2.41 0.00	34.29 2.25 0.00	26.10 1.61 -1.87	23.57 1.56 0.00	23.63 1.52 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.78 1.98 0.00	28.73 2.07 0.00	33.71 2.60 0.00	41.38 3.33 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.54 -23.41	37.13 2.44 -10.02	27.25 2.30 -1.49	28.87 2.31 -2.55	40.72 2.04 -17.75	21.08 1.74 0.00
ASTORIA___3 23516	41.77 2.45 0.00	38.65 2.43 0.00	34.29 2.25 0.00	26.09 1.60 -1.87	23.56 1.54 0.00	23.63 1.51 0.00	24.08 1.49 0.00	25.14 1.81 0.00	25.73 1.94 0.00	26.89 2.08 0.00	28.81 2.15 0.00	33.74 2.63 0.00	41.36 3.31 -0.05	45.58 2.23 -19.50	37.67 2.16 -11.80	35.52 1.37 -19.93	58.87 1.26 -44.38	60.12 2.15 -35.45	51.34 2.46 -23.41	37.04 2.35 -10.02	27.20 2.24 -1.49	28.84 2.28 -2.55	40.68 2.00 -17.75	21.06 1.72 0.00
ASTORIA___4 23517	41.77 2.46 0.00	38.65 2.43 0.00	34.29 2.24 0.00	26.09 1.60 -1.87	23.55 1.54 0.00	23.63 1.52 0.00	24.08 1.49 0.00	25.14 1.81 0.00	25.73 1.94 0.00	26.89 2.09 0.00	28.81 2.16 0.00	33.74 2.63 0.00	41.35 3.30 -0.05	45.58 2.23 -19.50	37.68 2.16 -11.80	35.52 1.37 -19.93	58.87 1.26 -44.38	60.12 2.15 -35.45	51.34 2.46 -23.41	37.05 2.36 -10.02	27.20 2.24 -1.49	28.84 2.28 -2.55	40.68 2.00 -17.75	21.06 1.72 0.00
ASTORIA___5 23518	41.77 2.45 0.00	38.65 2.43 0.00	34.29 2.25 0.00	26.09 1.60 -1.87	23.56 1.54 0.00	23.63 1.51 0.00	24.08 1.49 0.00	25.14 1.81 0.00	25.73 1.94 0.00	26.89 2.08 0.00	28.81 2.15 0.00	33.74 2.63 0.00	41.36 3.31 -0.05	45.58 2.23 -19.50	37.67 2.16 -11.80	35.52 1.37 -19.93	58.87 1.26 -44.38	60.12 2.15 -35.45	51.34 2.46 -23.41	37.04 2.35 -10.02	27.20 2.24 -1.49	28.84 2.28 -2.55	40.68 2.00 -17.75	21.06 1.72 0.00
AST_ENERGY_2_CC3 323677	41.73 2.41 0.00	38.57 2.35 0.00	34.21 2.16 0.00	26.05 1.56 -1.87	23.50 1.49 0.00	23.58 1.46 0.00	24.02 1.43 0.00	25.06 1.72 0.00	25.64 1.85 0.00	26.82 2.01 0.00	28.73 2.07 0.00	33.71 2.60 0.00	41.37 3.32 -0.05	45.59 2.24 -19.50	37.69 2.19 -11.80	35.54 1.39 -19.93	58.90 1.29 -44.38	60.16 2.19 -35.45	51.41 2.52 -23.41	37.07 2.38 -10.02	27.19 2.23 -1.49	28.82 2.26 -2.55	40.65 1.97 -17.76	21.01 1.67 0.00
AST_ENERGY_2_CC4 323678	41.73 2.41 0.00	38.57 2.35 0.00	34.21 2.16 0.00	26.05 1.56 -1.87	23.50 1.49 0.00	23.58 1.46 0.00	24.02 1.43 0.00	25.06 1.72 0.00	25.64 1.85 0.00	26.82 2.01 0.00	28.73 2.07 0.00	33.71 2.60 0.00	41.37 3.32 -0.05	45.59 2.24 -19.50	37.69 2.19 -11.80	35.54 1.39 -19.93	58.90 1.29 -44.38	60.16 2.19 -35.45	51.41 2.52 -23.41	37.07 2.38 -10.02	27.19 2.23 -1.49	28.82 2.26 -2.55	40.65 1.97 -17.76	21.01 1.67 0.00
ATHENS_STG_1 23668	40.61 1.29 0.00	37.53 1.31 0.00	33.32 1.27 0.00	23.97 0.89 -0.44	22.85 0.83 0.00	22.95 0.83 0.00	23.38 0.79 0.00	24.24 0.90 0.00	24.72 0.93 0.00	25.82 1.01 0.00	27.77 1.11 0.00	32.58 1.47 0.00	39.93 1.88 -0.06	46.52 1.30 -21.37	37.89 1.25 -12.93	36.86 0.77 -21.86	55.83 0.71 -41.88	50.31 1.22 -26.57	44.59 1.43 -17.69	30.59 1.38 -4.55	26.03 1.29 -1.27	25.91 1.29 -0.61	26.25 1.08 -4.24	20.26 0.92 0.00
ATHENS_STG_2 23670	40.61 1.29 0.00	37.53 1.31 0.00	33.32 1.27 0.00	23.97 0.89 -0.44	22.85 0.83 0.00	22.95 0.83 0.00	23.38 0.79 0.00	24.24 0.90 0.00	24.72 0.93 0.00	25.82 1.01 0.00	27.77 1.11 0.00	32.58 1.47 0.00	39.93 1.88 -0.06	46.52 1.30 -21.37	37.89 1.25 -12.93	36.86 0.77 -21.86	55.83 0.71 -41.88	50.31 1.22 -26.57	44.59 1.43 -17.69	30.59 1.38 -4.55	26.03 1.29 -1.27	25.91 1.29 -0.61	26.25 1.08 -4.24	20.26 0.92 0.00

ATHENS_STG_3 23677	40.61 1.29 0.00	37.53 1.31 0.00	33.32 1.27 0.00	23.97 0.89 -0.44	22.85 0.83 0.00	22.95 0.83 0.00	23.38 0.79 0.00	24.24 0.90 0.00	24.72 0.93 0.00	25.82 1.01 0.00	27.77 1.11 0.00	32.58 1.47 0.00	39.93 1.88 -0.06	46.52 1.30 -21.37	37.89 1.25 -12.93	36.86 0.77 -21.86	55.83 0.71 -41.88	50.31 1.22 -26.57	44.59 1.43 -17.69	30.59 1.38 -4.55	26.03 1.29 -1.27	25.91 1.29 -0.61	26.25 1.08 -4.24	20.26 0.92 0.00
AUBURN____LFGE 323710	40.29 0.97 0.00	37.05 0.82 0.00	32.63 0.58 0.00	22.96 0.33 0.00	22.36 0.35 0.00	22.47 0.35 0.00	23.02 0.42 0.00	23.76 0.42 0.00	24.37 0.52 -0.05	25.89 0.55 -0.54	27.90 0.53 -0.71	33.94 0.73 -2.10	42.22 0.90 -3.32	27.56 0.52 -3.19	25.83 0.39 -1.72	17.41 0.26 -2.93	16.91 0.20 -3.47	24.06 0.23 -1.31	26.69 0.33 -0.89	25.30 0.35 -0.28	23.94 0.27 -0.20	24.30 0.21 -0.08	21.06 0.08 -0.05	19.42 0.08 0.00
BABYLON_RES_REC 323704	42.81 3.49 0.00	46.64 3.32 -7.11	39.11 3.01 -4.06	26.43 1.95 -1.85	23.86 1.85 0.00	23.89 1.77 0.00	24.35 1.76 0.00	25.37 2.04 0.00	26.03 2.23 0.00	27.73 2.38 -0.55	40.56 2.66 -11.24	41.24 3.17 -6.95	41.44 3.39 -0.05	45.53 2.17 -19.51	41.48 2.33 -15.44	37.46 1.50 -21.73	63.01 1.35 -48.43	64.43 2.30 -39.61	75.15 2.81 -46.86	88.91 2.67 -61.57	337.54 2.44 -311.64	198.85 2.54 -172.30	60.90 2.55 -37.42	51.31 2.21 -29.76
BABYLON__69_KV_BK2 356345	43.47 4.15 0.00	47.24 3.91 -7.11	39.62 3.51 -4.06	26.76 2.28 -1.85	24.18 2.16 0.00	24.20 2.08 0.00	24.67 2.08 0.00	25.69 2.36 0.00	26.40 2.60 0.00	28.12 2.77 -0.55	41.16 3.27 -11.24	42.02 3.96 -6.95	42.47 4.41 -0.06	46.22 2.86 -19.51	42.13 2.98 -15.44	37.87 1.91 -21.73	70.68 1.72 -55.73	74.64 2.94 -49.17	93.18 3.54 -64.16	99.01 3.29 -71.05	338.05 2.96 -311.64	199.32 3.01 -172.30	64.14 2.88 -40.33	51.60 2.50 -29.76
BARON_WINDS____WT_PWR 323822	40.25 0.93 0.00	36.67 0.45 0.00	32.11 0.06 0.00	22.53 -0.10 0.00	22.23 0.22 0.00	22.42 0.30 0.00	22.86 0.27 0.00	23.71 0.37 0.00	24.15 0.34 -0.01	25.17 0.24 -0.12	27.30 0.48 -0.16	32.11 0.52 -0.47	39.19 0.45 -0.75	28.10 0.35 -3.90	24.77 -0.23 -1.28	-10.64 -0.25 24.61	13.81 -0.45 -1.03	22.53 -0.52 -0.53	25.70 -0.19 -0.42	24.37 -0.19 0.10	23.16 -0.43 -0.13	23.63 -0.40 -0.02	20.86 -0.08 -0.01	19.20 -0.14 0.00
BARRETT_IC_1 23704	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.17 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT_IC_10 23701	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT_IC_11 23702	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT_IC_12 23703	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT_IC_2 23705	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT_IC_3 23706	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT_IC_4 23707	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT_IC_5 23708	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT_IC_6 23709	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT_IC_7 23710	41.86 2.54 0.00	45.81 2.48 -7.11	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.53 0.00	23.57 1.45 0.00	24.05 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.05 -0.55	40.27 2.37 -11.24	40.94 2.88 -6.95	41.21 3.16 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.38 1.42 -21.73	59.57 1.28 -45.06	61.24 2.18 -36.53	67.04 2.59 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.80 -29.76

BARRETT_IC_8 23711	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT_IC_9 23700	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT___1 23545	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BARRETT___2 23546	41.85 2.54 0.01	45.81 2.49 -7.10	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.52 0.00	23.57 1.45 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.70 1.90 0.00	27.40 2.04 -0.55	40.27 2.37 -11.24	40.94 2.87 -6.95	41.22 3.17 -0.05	45.50 2.14 -19.51	41.41 2.25 -15.44	37.37 1.42 -21.73	59.56 1.28 -45.05	61.21 2.17 -36.53	67.03 2.58 -38.97	84.76 2.49 -57.60	337.56 2.46 -311.64	198.81 2.50 -172.30	58.92 2.12 -35.87	50.90 1.81 -29.76
BATAVIA___115KV_TB1 55881	41.17 1.85 0.00	37.44 1.22 0.00	32.72 0.68 0.00	22.98 0.36 0.00	22.61 0.60 0.00	22.71 0.59 0.00	23.33 0.74 0.00	23.99 0.66 0.00	24.54 0.75 0.00	25.32 0.52 0.00	27.45 0.79 0.00	31.79 0.68 0.00	38.20 0.20 -0.01	26.54 0.29 -2.39	24.83 -0.23 -1.35	13.86 -0.13 0.23	16.32 -0.28 -3.37	23.38 -0.28 -1.14	26.11 -0.15 -0.79	24.64 -0.07 -0.04	23.16 -0.39 -0.09	23.72 -0.29 0.00	20.76 -0.17 0.00	19.12 -0.22 0.00
BAYONEEC___CTG1 323682	37.37 2.43 4.38	36.19 2.36 2.39	34.23 2.18 0.00	26.07 1.58 -1.87	23.53 1.51 0.00	23.61 1.49 0.00	24.06 1.46 0.00	25.10 1.76 0.00	25.68 1.89 0.00	26.85 2.05 0.00	28.74 2.08 0.00	32.68 2.61 1.04	32.77 3.35 8.58	34.38 2.25 -8.28	32.53 2.20 -6.62	35.54 1.39 -19.93	58.90 1.29 -44.37	55.04 2.19 -30.34	32.83 2.53 -4.83	32.74 2.39 -5.68	27.20 2.25 -1.49	27.80 2.28 -1.51	40.69 2.00 -17.76	21.04 1.70 0.00
BAYONEEC___CTG10 323750	37.37 2.43 4.38	36.19 2.36 2.39	34.23 2.18 0.00	26.07 1.58 -1.87	23.53 1.51 0.00	23.61 1.49 0.00	24.06 1.46 0.00	25.10 1.76 0.00	25.68 1.89 0.00	26.85 2.05 0.00	28.74 2.08 0.00	32.68 2.61 1.04	32.77 3.35 8.58	34.38 2.25 -8.28	32.53 2.20 -6.62	35.54 1.39 -19.93	58.90 1.29 -44.37	55.04 2.19 -30.34	32.83 2.53 -4.83	32.74 2.39 -5.68	27.20 2.25 -1.49	27.80 2.28 -1.51	40.69 2.00 -17.76	21.04 1.70 0.00
BAYONEEC___CTG2 323683	37.37 2.43 4.38	36.19 2.36 2.39	34.23 2.18 0.00	26.07 1.58 -1.87	23.53 1.51 0.00	23.61 1.49 0.00	24.06 1.46 0.00	25.10 1.76 0.00	25.68 1.89 0.00	26.85 2.05 0.00	28.74 2.08 0.00	32.68 2.61 1.04	32.77 3.35 8.58	34.38 2.25 -8.28	32.53 2.20 -6.62	35.54 1.39 -19.93	58.90 1.29 -44.37	55.04 2.19 -30.34	32.83 2.53 -4.83	32.74 2.39 -5.68	27.20 2.25 -1.49	27.80 2.28 -1.51	40.69 2.00 -17.76	21.04 1.70 0.00
BAYONEEC___CTG3 323684	37.37 2.43 4.38	36.19 2.36 2.39	34.23 2.18 0.00	26.07 1.58 -1.87	23.53 1.51 0.00	23.61 1.49 0.00	24.06 1.46 0.00	25.10 1.76 0.00	25.68 1.89 0.00	26.85 2.05 0.00	28.74 2.08 0.00	32.68 2.61 1.04	32.77 3.35 8.58	34.38 2.25 -8.28	32.53 2.20 -6.62	35.54 1.39 -19.93	58.90 1.29 -44.37	55.04 2.19 -30.34	32.83 2.53 -4.83	32.74 2.39 -5.68	27.20 2.25 -1.49	27.80 2.28 -1.51	40.69 2.00 -17.76	21.04 1.70 0.00
BAYONEEC___CTG4 323685	37.37 2.43 4.38	36.19 2.36 2.39	34.23 2.18 0.00	26.07 1.58 -1.87	23.53 1.51 0.00	23.61 1.49 0.00	24.06 1.46 0.00	25.10 1.76 0.00	25.68 1.89 0.00	26.85 2.05 0.00	28.74 2.08 0.00	32.68 2.61 1.04	32.77 3.35 8.58	34.38 2.25 -8.28	32.53 2.20 -6.62	35.54 1.39 -19.93	58.90 1.29 -44.37	55.04 2.19 -30.34	32.83 2.53 -4.83	32.74 2.39 -5.68	27.20 2.25 -1.49	27.80 2.28 -1.51	40.69 2.00 -17.76	21.04 1.70 0.00
BAYONEEC___CTG5 323686	37.37 2.43 4.38	36.19 2.36 2.39	34.23 2.18 0.00	26.07 1.58 -1.87	23.53 1.51 0.00	23.61 1.49 0.00	24.06 1.46 0.00	25.10 1.76 0.00	25.68 1.89 0.00	26.85 2.05 0.00	28.74 2.08 0.00	32.68 2.61 1.04	32.77 3.35 8.58	34.38 2.25 -8.28	32.53 2.20 -6.62	35.54 1.39 -19.93	58.90 1.29 -44.37	55.04 2.19 -30.34	32.83 2.53 -4.83	32.74 2.39 -5.68	27.20 2.25 -1.49	27.80 2.28 -1.51	40.69 2.00 -17.76	21.04 1.70 0.00
BAYONEEC___CTG6 323687	37.37 2.43 4.38	36.19 2.36 2.39	34.23 2.18 0.00	26.07 1.58 -1.87	23.53 1.51 0.00	23.61 1.49 0.00	24.06 1.46 0.00	25.10 1.76 0.00	25.68 1.89 0.00	26.85 2.05 0.00	28.74 2.08 0.00	32.68 2.61 1.04	32.77 3.35 8.58	34.38 2.25 -8.28	32.53 2.20 -6.62	35.54 1.39 -19.93	58.90 1.29 -44.37	55.04 2.19 -30.34	32.83 2.53 -4.83	32.74 2.39 -5.68	27.20 2.25 -1.49	27.80 2.28 -1.51	40.69 2.00 -17.76	21.04 1.70 0.00
BAYONEEC___CTG7 323688	37.37 2.43 4.38	36.19 2.36 2.39	34.23 2.18 0.00	26.07 1.58 -1.87	23.53 1.51 0.00	23.61 1.49 0.00	24.06 1.46 0.00	25.10 1.76 0.00	25.68 1.89 0.00	26.85 2.05 0.00	28.74 2.08 0.00	32.68 2.61 1.04	32.77 3.35 8.58	34.38 2.25 -8.28	32.53 2.20 -6.62	35.54 1.39 -19.93	58.90 1.29 -44.37	55.04 2.19 -30.34	32.83 2.53 -4.83	32.74 2.39 -5.68	27.20 2.25 -1.49	27.80 2.28 -1.51	40.69 2.00 -17.76	21.04 1.70 0.00
BAYONEEC___CTG8 323689	37.37 2.43 4.38	36.19 2.36 2.39	34.23 2.18 0.00	26.07 1.58 -1.87	23.53 1.51 0.00	23.61 1.49 0.00	24.06 1.46 0.00	25.10 1.76 0.00	25.68 1.89 0.00	26.85 2.05 0.00	28.74 2.08 0.00	32.68 2.61 1.04	32.77 3.35 8.58	34.38 2.25 -8.28	32.53 2.20 -6.62	35.54 1.39 -19.93	58.90 1.29 -44.37	55.04 2.19 -30.34	32.83 2.53 -4.83	32.74 2.39 -5.68	27.20 2.25 -1.49	27.80 2.28 -1.51	40.69 2.00 -17.76	21.04 1.70 0.00
BAYONEEC___CTG9 323749	37.37 2.43 4.38	36.19 2.36 2.39	34.23 2.18 0.00	26.07 1.58 -1.87	23.53 1.51 0.00	23.61 1.49 0.00	24.06 1.46 0.00	25.10 1.76 0.00	25.68 1.89 0.00	26.85 2.05 0.00	28.74 2.08 0.00	32.68 2.61 1.04	32.77 3.35 8.58	34.38 2.25 -8.28	32.53 2.20 -6.62	35.54 1.39 -19.93	58.90 1.29 -44.37	55.04 2.19 -30.34	32.83 2.53 -4.83	32.74 2.39 -5.68	27.20 2.25 -1.49	27.80 2.28 -1.51	40.69 2.00 -17.76	21.04 1.70 0.00

BEACON___LESR 323632	40.31 0.99 0.00	37.28 1.06 0.00	33.28 1.23 0.00	23.87 0.86 -0.39	22.73 0.71 0.00	22.85 0.73 0.00	23.32 0.72 0.00	24.06 0.73 0.00	24.56 0.76 0.00	25.69 0.88 0.00	27.53 0.87 0.00	32.32 1.21 0.00	39.59 1.53 -0.07	48.97 1.13 -23.99	39.29 1.07 -14.51	39.41 0.63 -24.56	58.03 0.58 -44.21	48.26 1.03 -24.72	43.11 1.09 -16.55	29.76 1.00 -4.09	25.68 0.94 -1.28	25.46 0.92 -0.53	25.42 0.82 -3.67	20.09 0.74 0.00
BEAVER RIVER___HYD 24048	40.08 0.76 0.00	37.07 0.84 0.00	32.60 0.55 0.00	22.92 0.28 0.00	22.56 0.54 0.00	22.71 0.59 0.00	23.35 0.76 0.00	24.08 0.75 0.00	24.71 0.89 -0.03	25.99 0.90 -0.29	27.99 0.95 -0.39	33.53 1.27 -1.14	41.07 1.28 -1.80	25.35 0.28 -1.22	24.41 0.08 -0.61	15.20 0.29 -0.69	14.55 0.29 -1.03	23.28 0.30 -0.47	25.78 0.00 -0.31	25.08 0.26 -0.14	24.03 0.48 -0.09	24.59 0.53 -0.04	21.41 0.45 -0.03	19.70 0.36 0.00
BEEBEE_GT_13 23619	40.42 1.10 0.00	36.91 0.69 0.00	32.35 0.30 0.00	22.73 0.10 0.00	22.27 0.26 0.00	22.36 0.24 0.00	22.95 0.36 0.00	23.66 0.33 0.00	24.21 0.41 0.00	25.06 0.25 0.00	27.11 0.45 0.00	31.46 0.35 0.00	38.02 0.02 -0.01	26.03 0.11 -2.06	24.69 -0.27 -1.25	16.19 -0.20 -2.17	16.23 -0.24 -3.24	23.19 -0.31 -0.98	25.92 -0.23 -0.68	24.51 -0.20 -0.04	23.12 -0.42 -0.08	23.65 -0.36 0.00	20.63 -0.30 0.00	19.02 -0.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.37 3.06 0.00	39.15 2.93 0.00	34.74 2.69 0.00	26.40 1.90 -1.87	23.84 1.83 0.00	23.91 1.80 0.00	24.37 1.78 0.00	25.44 2.11 0.00	26.06 2.26 0.00	27.26 2.45 0.00	29.23 2.58 0.00	34.26 3.15 0.00	41.95 3.90 -0.05	45.96 2.61 -19.50	38.04 2.52 -11.80	35.76 1.61 -19.93	59.10 1.49 -44.38	60.49 2.52 -35.45	51.77 2.89 -23.41	37.45 2.76 -10.02	27.59 2.64 -1.49	29.22 2.66 -2.55	41.00 2.32 -17.75	29.86 2.00 -8.52
BETHLEHEM___GRP 23843	39.67 0.35 0.00	36.79 0.57 0.00	32.86 0.81 0.00	23.64 0.63 -0.38	22.45 0.43 0.00	22.56 0.44 0.00	22.95 0.36 0.00	23.68 0.34 0.00	24.15 0.35 0.00	25.20 0.39 0.00	26.99 0.33 0.00	31.63 0.52 0.00	38.81 0.75 -0.07	48.51 0.64 -24.02	38.82 0.58 -14.53	39.15 0.34 -24.59	57.75 0.30 -44.21	47.66 0.50 -24.64	42.52 0.55 -16.50	29.27 0.53 -4.06	25.27 0.53 -1.28	25.05 0.51 -0.52	25.03 0.45 -3.65	19.78 0.44 0.00
BETHLEHEM___GS1 323560	39.67 0.35 0.00	36.78 0.56 0.00	32.86 0.81 0.00	23.64 0.63 -0.38	22.45 0.43 0.00	22.56 0.44 0.00	22.95 0.36 0.00	23.68 0.34 0.00	24.15 0.35 0.00	25.20 0.39 0.00	26.99 0.33 0.00	31.63 0.52 0.00	38.81 0.75 -0.07	48.51 0.64 -24.02	38.82 0.58 -14.53	39.15 0.34 -24.59	57.75 0.30 -44.21	47.66 0.50 -24.64	42.52 0.55 -16.50	29.26 0.53 -4.06	25.27 0.53 -1.28	25.05 0.51 -0.52	25.03 0.45 -3.65	19.78 0.44 0.00
BETHLEHEM___GS2 323561	39.67 0.35 0.00	36.78 0.56 0.00	32.86 0.81 0.00	23.64 0.63 -0.38	22.45 0.43 0.00	22.56 0.44 0.00	22.95 0.36 0.00	23.68 0.34 0.00	24.15 0.35 0.00	25.20 0.39 0.00	26.99 0.33 0.00	31.63 0.52 0.00	38.81 0.75 -0.07	48.51 0.64 -24.02	38.82 0.58 -14.53	39.15 0.34 -24.59	57.75 0.30 -44.21	47.66 0.50 -24.64	42.52 0.55 -16.50	29.26 0.53 -4.06	25.27 0.53 -1.28	25.05 0.51 -0.52	25.03 0.45 -3.65	19.78 0.44 0.00
BETHLEHEM___GS3 323562	39.67 0.35 0.00	36.78 0.56 0.00	32.86 0.81 0.00	23.64 0.63 -0.38	22.45 0.43 0.00	22.56 0.44 0.00	22.95 0.36 0.00	23.68 0.34 0.00	24.15 0.35 0.00	25.20 0.39 0.00	26.99 0.33 0.00	31.63 0.52 0.00	38.81 0.75 -0.07	48.51 0.64 -24.02	38.82 0.58 -14.53	39.15 0.34 -24.59	57.75 0.30 -44.21	47.66 0.50 -24.64	42.52 0.55 -16.50	29.26 0.53 -4.06	25.27 0.53 -1.28	25.05 0.51 -0.52	25.03 0.45 -3.65	19.78 0.44 0.00
BETHLEHEM___STEEL 23779	40.41 1.09 0.00	36.75 0.53 0.00	32.11 0.06 0.00	22.55 -0.08 0.00	22.27 0.25 0.00	22.36 0.24 0.00	22.97 0.37 0.00	23.65 0.31 0.00	24.15 0.36 0.00	24.91 0.10 0.00	27.02 0.36 0.00	31.30 0.19 0.00	37.66 -0.35 -0.01	26.54 -0.11 -2.80	24.57 -0.66 -1.51	11.71 -0.40 2.11	15.87 -0.52 -3.15	22.26 -0.64 -0.38	25.26 -0.51 -0.31	24.13 -0.43 0.12	22.80 -0.74 -0.08	23.40 -0.61 0.00	20.50 -0.43 0.00	18.88 -0.46 0.00
BETHLHEM_115KV_TB1 79974	39.80 0.48 0.00	36.89 0.67 0.00	32.93 0.88 0.00	23.68 0.67 -0.38	22.51 0.49 0.00	22.61 0.49 0.00	23.02 0.42 0.00	23.76 0.42 0.00	24.22 0.43 0.00	25.27 0.47 0.00	27.08 0.43 0.00	31.73 0.62 0.00	38.93 0.87 -0.07	48.56 0.71 -24.00	38.89 0.65 -14.52	39.18 0.39 -24.57	57.75 0.35 -44.17	47.70 0.58 -24.61	42.59 0.64 -16.47	29.34 0.62 -4.05	25.35 0.61 -1.28	25.13 0.60 -0.52	25.09 0.52 -3.64	19.84 0.50 0.00
BETHPAGE_CC_5 323564	42.34 3.03 0.00	46.29 2.96 -7.11	38.81 2.70 -4.06	26.25 1.77 -1.85	23.67 1.66 0.00	23.71 1.59 0.00	24.17 1.58 0.00	25.19 1.86 0.00	25.84 2.04 0.00	27.51 2.15 -0.55	40.43 2.54 -11.24	41.20 3.14 -6.95	41.58 3.53 -0.05	45.70 2.34 -19.51	41.62 2.47 -15.44	37.54 1.58 -21.73	60.64 1.43 -45.98	62.53 2.43 -37.58	69.53 2.91 -41.15	86.13 2.71 -58.75	337.61 2.51 -311.64	198.86 2.51 -172.30	59.79 2.34 -36.52	51.12 2.02 -29.76
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.54 1.23 0.00	36.87 0.65 0.00	32.22 0.17 0.00	22.63 -0.01 0.00	22.33 0.31 0.00	22.43 0.31 0.00	23.03 0.44 0.00	23.73 0.39 0.00	24.23 0.43 0.00	25.00 0.20 0.00	27.13 0.47 0.00	31.43 0.31 0.00	37.83 -0.18 -0.01	26.67 -0.02 -2.83	24.67 -0.58 -1.54	12.09 -0.35 1.79	15.99 -0.48 -3.24	22.34 -0.56 -0.38	25.35 -0.43 -0.31	24.20 -0.35 0.12	22.88 -0.66 -0.08	23.48 -0.54 0.00	20.56 -0.37 0.00	18.93 -0.41 0.00
BINGHAMTON___COGEN 23790	40.06 0.74 0.00	36.67 0.45 0.00	32.36 0.31 0.00	22.78 0.15 0.00	22.28 0.27 0.00	22.40 0.28 0.00	22.90 0.31 0.00	23.79 0.45 0.00	24.24 0.43 -0.02	25.47 0.43 -0.23	27.53 0.58 -0.30	32.73 0.72 -0.89	40.29 0.87 -1.42	30.15 0.57 -5.72	27.42 0.34 -3.36	20.04 0.25 -5.58	20.66 0.16 -7.27	23.53 0.30 -0.71	26.45 0.40 -0.57	24.92 0.39 0.14	23.90 0.25 -0.19	24.29 0.24 -0.03	21.15 0.20 -0.02	19.42 0.08 0.00
BIXINCNT_115KV_LOAD 355685	40.64 1.32 0.00	37.10 0.88 0.00	32.46 0.41 0.00	22.78 0.15 0.00	22.45 0.44 0.00	22.56 0.44 0.00	23.13 0.54 0.00	23.91 0.57 0.00	24.39 0.59 0.00	25.26 0.45 0.00	27.38 0.72 0.00	31.78 0.67 0.00	38.33 0.33 -0.01	27.09 0.24 -3.00	24.82 -0.59 -1.70	13.77 -0.40 0.05	16.34 -0.58 -3.68	22.43 -0.49 -0.40	25.51 -0.28 -0.32	24.29 -0.25 0.13	23.00 -0.55 -0.08	23.57 -0.44 0.00	20.78 -0.15 0.00	19.11 -0.23 0.00
BLACK RIVER___HYD 24047	40.68 1.36 0.00	37.54 1.31 0.00	32.97 0.92 0.00	23.13 0.50 0.00	22.80 0.78 0.00	22.94 0.82 0.00	23.61 1.02 0.00	24.35 1.02 0.00	25.02 1.18 -0.04	26.52 1.22 -0.49	28.70 1.39 -0.65	34.78 1.74 -1.93	42.85 1.82 -3.04	26.22 0.51 -1.86	24.89 0.27 -0.91	15.59 0.43 -0.94	15.05 0.42 -1.40	23.66 0.45 -0.69	26.14 0.22 -0.45	25.40 0.49 -0.24	24.32 0.71 -0.14	24.84 0.75 -0.07	21.59 0.62 -0.04	19.81 0.47 0.00

BLACKRVR_115KV_TB2 79977	40.68 1.36 0.00	37.54 1.31 0.00	32.97 0.92 0.00	23.13 0.50 0.00	22.80 0.78 0.00	22.94 0.82 0.00	23.61 1.02 0.00	24.35 1.01 0.00	25.03 1.18 -0.04	26.52 1.22 -0.49	28.70 1.39 -0.65	34.78 1.75 -1.93	42.85 1.82 -3.04	26.22 0.51 -1.86	24.89 0.27 -0.91	15.59 0.43 -0.94	15.05 0.42 -1.40	23.66 0.45 -0.69	26.14 0.21 -0.45	25.40 0.49 -0.24	24.32 0.71 -0.14	24.84 0.75 -0.07	21.59 0.62 -0.04	19.81 0.47 0.00
BLISS_WT_PWR 323608	40.61 1.29 0.00	37.09 0.87 0.00	32.45 0.40 0.00	22.78 0.15 0.00	22.44 0.43 0.00	22.54 0.43 0.00	23.11 0.52 0.00	23.89 0.55 0.00	24.37 0.57 0.00	25.26 0.45 0.00	27.37 0.72 0.00	31.79 0.68 0.00	38.34 0.34 -0.01	27.11 0.26 -3.00	24.77 -0.64 -1.70	13.72 -0.46 0.05	16.28 -0.64 -3.68	22.43 -0.48 -0.40	25.50 -0.30 -0.32	24.27 -0.28 0.13	22.95 -0.59 -0.08	23.52 -0.49 0.00	20.79 -0.14 0.00	19.10 -0.24 0.00
BLUE_CIRC_CHEM_DRP 24182	39.43 0.11 0.00	36.63 0.40 0.00	32.69 0.64 0.00	23.45 0.47 -0.35	22.37 0.36 0.00	22.47 0.36 0.00	22.89 0.30 0.00	23.61 0.28 0.00	24.06 0.26 0.00	25.08 0.27 0.00	26.82 0.16 0.00	31.38 0.27 0.00	38.50 0.43 -0.07	47.86 0.43 -23.57	38.34 0.36 -14.26	38.55 0.21 -24.12	57.10 0.19 -43.68	47.56 0.32 -24.73	42.39 0.37 -16.54	28.97 0.36 -3.94	25.10 0.36 -1.27	24.99 0.50 -0.48	24.96 0.72 -3.31	20.05 0.71 0.00
BOC_GAS_DRP 24189	40.07 0.75 0.00	37.11 0.89 0.00	33.03 0.99 0.00	23.71 0.71 -0.37	22.64 0.62 0.00	22.74 0.62 0.00	23.16 0.57 0.00	23.93 0.60 0.00	24.40 0.60 0.00	25.46 0.65 0.00	27.28 0.63 0.00	31.96 0.85 0.00	39.19 1.13 -0.07	48.59 0.84 -23.89	38.96 0.78 -14.46	39.16 0.47 -24.46	57.59 0.44 -43.92	47.64 0.74 -24.39	42.67 0.86 -16.33	29.48 0.84 -3.97	25.53 0.80 -1.27	25.32 0.80 -0.51	25.20 0.70 -3.56	19.98 0.64 0.00
BOONVILLE_115KV_TB1 79983	40.49 1.17 0.00	37.33 1.11 0.00	32.91 0.86 0.00	23.15 0.52 0.00	22.65 0.63 0.00	22.77 0.65 0.00	23.33 0.74 0.00	24.12 0.78 0.00	24.70 0.89 -0.01	25.88 0.93 -0.14	27.86 1.02 -0.18	33.01 1.36 -0.54	40.37 1.51 -0.86	25.42 0.71 -0.85	24.71 0.54 -0.46	15.28 0.45 -0.61	14.55 0.41 -0.91	23.47 0.60 -0.35	26.20 0.49 -0.24	25.33 0.58 -0.07	24.17 0.65 -0.05	24.70 0.67 -0.02	21.49 0.54 -0.01	19.78 0.44 0.00
BORALEX_4TH_BRANCH 23824	41.15 1.83 0.00	38.23 2.01 0.00	33.93 1.89 0.00	24.41 1.35 -0.43	23.34 1.32 0.00	23.48 1.36 0.00	23.83 1.24 0.00	24.47 1.14 0.00	24.88 1.08 0.00	25.92 1.11 0.00	27.71 1.06 0.00	32.55 1.44 0.00	40.02 1.96 -0.07	49.24 1.45 -23.94	39.55 1.35 -14.49	39.53 0.79 -24.52	58.49 0.71 -44.55	49.14 1.21 -25.41	43.78 1.31 -17.00	30.46 1.36 -4.43	26.18 1.42 -1.30	26.00 1.40 -0.59	26.13 1.11 -4.09	20.34 1.00 0.00
BOWLINE___1 23526	41.43 2.11 0.00	38.25 2.03 0.00	33.86 1.81 0.00	20.83 1.26 3.06	23.20 1.18 0.00	23.28 1.17 0.00	23.75 1.16 0.00	24.75 1.41 0.00	25.32 1.53 0.00	26.49 1.68 0.00	28.45 1.79 0.00	33.38 2.27 0.00	40.92 2.88 -0.05	44.73 1.97 -18.91	37.08 1.92 -11.44	34.76 1.22 -19.32	59.29 1.14 -44.91	62.27 1.96 -37.79	52.64 2.25 -24.92	25.21 2.11 1.58	26.96 1.95 -1.54	21.79 1.93 4.16	-6.41 1.64 28.97	20.70 1.36 0.00
BOWLINE___2 23595	41.49 2.17 0.00	38.31 2.09 0.00	33.91 1.86 0.00	20.87 1.30 3.06	23.24 1.23 0.00	23.31 1.20 0.00	23.79 1.20 0.00	24.78 1.45 0.00	25.37 1.57 0.00	26.52 1.72 0.00	28.49 1.84 0.00	33.43 2.32 0.00	41.00 2.95 -0.05	44.78 2.01 -18.91	37.11 1.96 -11.44	34.79 1.24 -19.32	59.31 1.17 -44.90	62.30 2.00 -37.78	52.69 2.30 -24.91	25.24 2.15 1.58	26.99 1.99 -1.54	21.82 1.97 4.17	-6.41 1.67 29.00	20.73 1.39 0.00
BRADY___115KV_TB2 356060	39.14 -0.18 0.00	36.16 -0.06 0.00	31.95 -0.10 0.00	22.64 0.01 0.00	22.10 0.09 0.00	22.27 0.16 0.00	22.83 0.23 0.00	23.41 0.08 0.00	23.93 0.13 0.00	24.88 0.08 0.00	26.70 0.05 0.00	31.12 0.01 0.00	37.97 -0.03 0.00	23.65 -0.20 0.00	23.67 -0.04 0.00	14.18 -0.04 0.00	13.25 0.02 0.00	22.59 0.07 0.00	25.41 -0.06 0.00	24.60 -0.07 0.00	23.55 0.08 0.00	24.15 0.14 0.00	21.14 0.22 0.00	19.57 0.23 0.00
BRANSCOMB___SOLAR 323811	41.58 2.26 0.00	38.40 2.17 0.00	34.07 2.02 0.00	24.44 1.43 -0.38	23.40 1.38 0.00	23.51 1.39 0.00	23.89 1.30 0.00	24.64 1.31 0.00	25.09 1.29 0.00	26.19 1.39 0.00	28.07 1.42 0.00	32.96 1.85 0.00	40.47 2.40 -0.07	50.28 1.71 -24.72	40.33 1.66 -14.95	40.50 0.97 -25.31	59.14 0.87 -45.03	48.46 1.44 -24.51	43.52 1.62 -16.42	30.23 1.56 -4.00	26.31 1.56 -1.29	26.09 1.56 -0.52	25.82 1.28 -3.61	20.46 1.12 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	43.10 3.78 0.00	46.89 3.56 -7.11	39.33 3.22 -4.06	26.56 2.08 -1.85	23.99 1.98 0.00	24.02 1.90 0.00	24.47 1.88 0.00	25.47 2.13 0.00	26.15 2.35 0.00	27.84 2.49 -0.55	40.90 3.00 -11.24	41.65 3.58 -6.95	41.95 3.90 -0.06	45.85 2.49 -19.51	41.77 2.62 -15.44	37.64 1.69 -21.73	70.65 1.50 -55.92	71.48 2.53 -46.43	92.94 3.08 -64.39	97.91 2.85 -70.39	337.67 2.57 -311.64	198.96 2.65 -172.30	64.35 2.58 -40.84	51.40 2.30 -29.76
BRISTLHL_115KV_TB1 79998	39.03 -0.29 0.00	35.94 -0.29 0.00	31.69 -0.36 0.00	22.29 -0.34 0.00	21.67 -0.34 0.00	21.76 -0.36 0.00	22.26 -0.33 0.00	23.07 -0.26 0.00	23.64 -0.25 -0.10	25.62 -0.26 -1.08	27.84 -0.25 -1.43	35.05 -0.29 -4.23	44.24 -0.42 -6.67	27.08 -0.25 -3.48	24.97 -0.38 -1.64	15.46 -0.20 -1.43	15.16 -0.21 -2.14	23.34 -0.41 -1.23	25.81 -0.47 -0.81	24.75 -0.43 -0.51	23.30 -0.45 -0.29	23.72 -0.46 -0.16	20.59 -0.43 -0.09	18.90 -0.44 0.00
BROOKHAVEN___DRP 24191	42.86 3.54 0.00	46.77 3.44 -7.11	39.31 3.20 -4.07	26.48 2.00 -1.85	23.90 1.88 0.00	23.97 1.85 0.00	24.37 1.77 0.00	25.30 1.97 0.00	25.99 2.19 0.00	27.70 2.35 -0.55	40.73 2.84 -11.24	41.59 3.53 -6.95	42.02 3.96 -0.06	45.91 2.54 -19.51	41.82 2.66 -15.44	37.68 1.72 -21.73	111.76 1.55 -96.98	124.24 2.64 -99.09	190.19 3.16 -161.56	150.94 2.90 -123.37	337.48 2.39 -311.64	198.85 2.54 -172.30	80.86 2.64 -57.29	51.36 2.26 -29.76
BROOKLYN_NAVY_YARD 23515	41.78 2.46 0.00	38.61 2.39 0.00	34.23 2.18 0.00	26.06 1.56 -1.87	23.52 1.51 0.00	23.60 1.48 0.00	24.05 1.46 0.00	25.09 1.75 0.00	25.68 1.88 0.00	26.86 2.05 0.00	28.75 2.10 0.00	33.75 2.64 0.00	41.42 3.37 -0.05	45.61 2.26 -19.50	37.72 2.21 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.44 2.56 -23.41	37.09 2.41 -10.02	27.21 2.25 -1.49	28.85 2.29 -2.55	40.68 1.99 -17.76	21.03 1.69 0.00
BROOKLYN___ARMY_DRP 323595	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52

BROOKVLE_69_KV_TB1 55790	42.44 3.12 0.00	46.43 3.10 -7.11	38.90 2.79 -4.06	26.37 1.89 -1.85	23.80 1.79 0.00	23.86 1.74 0.00	24.33 1.74 0.00	25.37 2.04 0.00	26.00 2.20 0.00	27.66 2.30 -0.55	40.54 2.65 -11.24	41.32 3.26 -6.95	41.96 3.91 -0.05	45.98 2.63 -19.51	41.84 2.69 -15.44	37.65 1.69 -21.73	59.84 1.55 -45.06	61.71 2.66 -36.53	67.54 3.09 -38.97	85.17 2.90 -57.60	337.79 2.69 -311.64	199.03 2.72 -172.30	59.14 2.34 -35.87	51.09 2.00 -29.76
BROOME_2_LFGE 323671	40.06 0.74 0.00	36.67 0.45 0.00	32.36 0.31 0.00	22.78 0.15 0.00	22.28 0.27 0.00	22.40 0.28 0.00	22.90 0.31 0.00	23.79 0.45 0.00	24.24 0.43 -0.02	25.47 0.43 -0.23	27.53 0.57 -0.30	32.72 0.72 -0.89	40.28 0.86 -1.42	30.14 0.57 -5.72	27.41 0.34 -3.36	20.04 0.25 -5.58	20.66 0.16 -7.27	23.53 0.30 -0.71	26.44 0.40 -0.57	24.92 0.39 0.14	23.91 0.25 -0.19	24.29 0.24 -0.03	21.15 0.20 -0.02	19.41 0.08 0.00
BROOME__LFGE 323600	40.06 0.74 0.00	36.67 0.45 0.00	32.36 0.31 0.00	22.78 0.15 0.00	22.28 0.27 0.00	22.40 0.28 0.00	22.90 0.31 0.00	23.79 0.45 0.00	24.24 0.43 -0.02	25.47 0.43 -0.23	27.53 0.57 -0.30	32.72 0.72 -0.89	40.28 0.86 -1.42	30.14 0.57 -5.72	27.41 0.34 -3.36	20.04 0.25 -5.58	20.66 0.16 -7.27	23.53 0.30 -0.71	26.44 0.40 -0.57	24.92 0.39 0.14	23.91 0.25 -0.19	24.29 0.24 -0.03	21.15 0.20 -0.02	19.41 0.08 0.00
BROWNFLS_115KV_TB_3_5 80003	39.29 -0.03 0.00	36.33 0.10 0.00	32.00 -0.05 0.00	22.57 -0.05 0.00	22.19 0.18 0.00	22.38 0.26 0.00	23.01 0.42 0.00	23.65 0.31 0.00	24.27 0.46 -0.02	25.47 0.46 -0.20	27.36 0.44 -0.26	32.51 0.62 -0.78	39.81 0.59 -1.23	24.67 -0.03 -0.85	24.07 -0.07 -0.43	14.79 0.09 -0.48	14.08 0.12 -0.72	22.95 0.10 -0.33	25.53 -0.16 -0.22	24.79 0.02 -0.10	23.73 0.20 -0.06	24.28 0.24 -0.03	21.21 0.26 -0.02	19.56 0.22 0.00
BROWNSV1_27_KV_LOAD 356125	42.48 3.16 0.00	39.23 3.01 0.00	34.76 2.71 0.00	26.42 1.92 -1.87	23.86 1.84 0.00	23.93 1.82 0.00	24.40 1.81 0.00	25.45 2.11 0.00	26.05 2.25 0.00	27.25 2.45 0.00	29.22 2.56 0.00	34.30 3.19 0.00	42.10 4.06 -0.05	46.06 2.71 -19.50	38.16 2.65 -11.80	35.82 1.67 -19.93	59.16 1.55 -44.38	60.61 2.64 -35.45	51.93 3.04 -23.41	37.57 2.87 -10.02	27.62 2.67 -1.49	29.28 2.72 -2.55	41.04 2.35 -17.76	21.34 2.00 0.00
BURROWS__LYONSDAL 23803	40.36 1.04 0.00	37.27 1.04 0.00	32.83 0.79 0.00	23.08 0.45 0.00	22.63 0.61 0.00	22.76 0.64 0.00	23.33 0.74 0.00	24.11 0.78 0.00	24.70 0.89 -0.01	25.91 0.93 -0.17	27.87 0.99 -0.22	33.11 1.34 -0.66	40.49 1.45 -1.04	25.36 0.58 -0.93	24.59 0.39 -0.49	15.26 0.41 -0.62	14.54 0.38 -0.93	23.41 0.52 -0.37	26.06 0.33 -0.25	25.25 0.49 -0.09	24.13 0.61 -0.06	24.68 0.64 -0.03	21.46 0.52 -0.01	19.76 0.42 0.00
CAITHNESS_CC_1 323624	42.76 3.44 0.00	46.67 3.34 -7.11	39.22 3.11 -4.07	26.42 1.94 -1.85	23.85 1.84 0.00	23.91 1.79 0.00	24.31 1.73 0.00	25.26 1.92 0.00	25.93 2.14 0.00	27.64 2.28 -0.55	40.67 2.77 -11.24	41.49 3.43 -6.95	41.88 3.82 -0.06	45.83 2.46 -19.51	41.73 2.58 -15.44	37.63 1.67 -21.73	111.44 1.49 -96.71	123.32 2.53 -98.27	189.41 3.04 -160.90	150.34 2.79 -122.88	337.41 2.31 -311.64	198.77 2.46 -172.30	80.83 2.56 -57.33	51.30 2.21 -29.76
CALPINE BETH_PAGE_GT4 24209	42.31 2.99 0.00	46.23 2.91 -7.11	38.75 2.65 -4.06	26.22 1.74 -1.85	23.65 1.64 0.00	23.68 1.56 0.00	24.14 1.55 0.00	25.17 1.83 0.00	25.82 2.02 0.00	27.50 2.15 -0.55	40.41 2.52 -11.24	41.18 3.12 -6.95	41.58 3.53 -0.05	45.70 2.34 -19.51	41.62 2.47 -15.44	37.54 1.58 -21.73	60.41 1.43 -45.74	62.27 2.44 -37.31	68.97 2.90 -40.59	85.84 2.71 -58.45	337.62 2.52 -311.64	198.87 2.56 -172.30	59.60 2.31 -36.36	51.08 1.98 -29.76
CALPINE_BETH_PAGE_GT_4 323586	42.30 2.99 0.00	46.23 2.91 -7.11	38.76 2.65 -4.06	26.22 1.74 -1.85	23.65 1.64 0.00	23.68 1.56 0.00	24.14 1.55 0.00	25.17 1.83 0.00	25.81 2.02 0.00	27.50 2.14 -0.55	40.41 2.52 -11.24	41.18 3.12 -6.95	41.59 3.54 -0.05	45.70 2.34 -19.51	41.62 2.47 -15.44	37.54 1.58 -21.73	60.41 1.43 -45.75	62.26 2.43 -37.31	68.97 2.90 -40.60	85.84 2.71 -58.46	337.62 2.52 -311.64	198.86 2.55 -172.30	59.60 2.31 -36.36	51.08 1.99 -29.76
CALPINE_BP_GT1 23823	42.30 2.99 0.00	46.23 2.91 -7.11	38.76 2.65 -4.06	26.22 1.74 -1.85	23.65 1.64 0.00	23.68 1.56 0.00	24.14 1.55 0.00	25.17 1.83 0.00	25.81 2.02 0.00	27.50 2.14 -0.55	40.41 2.52 -11.24	41.18 3.12 -6.95	41.59 3.54 -0.05	45.70 2.34 -19.51	41.62 2.47 -15.44	37.54 1.58 -21.73	60.41 1.43 -45.75	62.26 2.43 -37.31	68.97 2.90 -40.60	85.84 2.71 -58.46	337.62 2.52 -311.64	198.86 2.55 -172.30	59.60 2.31 -36.36	51.08 1.99 -29.76
CALSPAN__DRP 24200	40.41 1.09 0.00	36.75 0.53 0.00	32.11 0.06 0.00	22.55 -0.08 0.00	22.27 0.25 0.00	22.36 0.24 0.00	22.97 0.37 0.00	23.65 0.31 0.00	24.15 0.36 0.00	24.91 0.10 0.00	27.02 0.36 0.00	31.30 0.19 0.00	37.66 -0.35 -0.01	26.54 -0.11 -2.80	24.57 -0.66 -1.51	11.71 -0.40 2.11	15.87 -0.52 -3.15	22.26 -0.64 -0.38	25.26 -0.51 -0.31	24.13 -0.43 0.12	22.80 -0.74 -0.08	23.40 -0.61 0.00	20.50 -0.43 0.00	18.88 -0.46 0.00
CALVERTON__SOLAR 323806	43.02 3.70 0.00	46.93 3.60 -7.11	39.47 3.36 -4.07	26.58 2.10 -1.85	23.99 1.98 0.00	24.08 1.96 0.00	24.46 1.87 0.00	25.40 2.06 0.00	26.08 2.29 0.00	27.81 2.46 -0.55	40.86 2.96 -11.24	41.76 3.69 -6.95	42.25 4.19 -0.06	46.05 2.69 -19.51	41.95 2.80 -15.44	37.77 1.81 -21.73	111.97 1.64 -97.10	124.72 2.79 -99.41	190.67 3.34 -161.86	151.31 3.07 -123.57	337.62 2.52 -311.64	198.99 2.69 -172.30	80.98 2.77 -57.28	51.45 2.36 -29.76
CANDIGU_WT_PWR 323617	40.25 0.93 0.00	36.67 0.45 0.00	32.11 0.06 0.00	22.53 -0.10 0.00	22.23 0.22 0.00	22.42 0.30 0.00	22.86 0.27 0.00	23.71 0.37 0.00	24.15 0.34 -0.01	25.17 0.24 -0.12	27.30 0.48 -0.16	32.11 0.52 -0.47	39.19 0.45 -0.75	28.10 0.35 -3.90	24.77 -0.23 -1.28	-10.64 -0.25 24.61	13.81 -0.45 -1.03	22.53 -0.52 -0.53	25.70 -0.19 -0.42	24.37 -0.19 0.10	23.16 -0.43 -0.13	23.63 -0.40 -0.02	20.86 -0.08 -0.01	19.20 -0.14 0.00
CARR STREET_E_SYR 24060	39.21 -0.11 0.00	36.03 -0.19 0.00	31.78 -0.27 0.00	22.36 -0.27 0.00	21.76 -0.26 0.00	21.85 -0.27 0.00	22.34 -0.25 0.00	23.14 -0.20 0.00	23.65 -0.17 -0.03	24.95 -0.17 -0.32	26.95 -0.13 -0.43	32.22 -0.16 -1.26	39.74 -0.24 -1.99	25.91 -0.13 -2.18	24.63 -0.27 -1.18	15.71 -0.14 -1.63	15.51 -0.15 -2.43	23.12 -0.30 -0.91	25.75 -0.34 -0.62	24.52 -0.32 -0.17	23.21 -0.38 -0.13	23.67 -0.39 -0.05	20.58 -0.38 -0.03	18.95 -0.39 0.00
CARTHAGE__PAPER 23857	40.53 1.21 0.00	37.44 1.22 0.00	32.92 0.87 0.00	23.12 0.49 0.00	22.78 0.76 0.00	22.93 0.81 0.00	23.59 1.00 0.00	24.32 0.99 0.00	24.98 1.15 -0.04	26.39 1.17 -0.41	28.50 1.30 -0.55	34.38 1.65 -1.62	42.29 1.73 -2.56	25.97 0.50 -1.61	24.79 0.28 -0.79	15.48 0.42 -0.84	14.90 0.41 -1.25	23.59 0.47 -0.60	26.09 0.22 -0.40	25.35 0.48 -0.20	24.28 0.70 -0.12	24.83 0.75 -0.06	21.60 0.63 -0.04	19.85 0.51 0.00

CASSADAGA_WT_PWR 323784	40.66 1.34 0.00	36.74 0.52 0.00	31.98 -0.06 0.00	22.37 -0.25 0.00	22.34 0.33 0.00	22.44 0.32 0.00	23.01 0.42 0.00	23.82 0.48 0.00	24.22 0.42 0.00	25.08 0.28 0.00	27.41 0.75 0.00	31.85 0.74 0.00	38.05 0.04 -0.01	26.97 0.16 -2.96	24.45 -0.92 -1.66	13.14 -0.56 0.52	16.24 -0.56 -3.57	22.65 -0.27 -0.39	25.79 -0.01 -0.32	24.64 0.09 0.12	23.28 -0.27 -0.08	24.02 0.00 0.00	21.01 0.08 0.00	19.25 -0.09 0.00
CE_DUNWOOD___DRP 24194	41.72 2.40 0.00	38.55 2.33 0.00	34.15 2.10 0.00	26.10 1.48 -1.99	23.42 1.40 0.00	23.49 1.38 0.00	23.96 1.37 0.00	24.96 1.62 0.00	25.54 1.74 0.00	26.71 1.90 0.00	28.67 2.02 0.00	33.64 2.53 0.00	41.26 3.20 -0.05	45.48 2.17 -19.46	37.61 2.12 -11.77	35.45 1.34 -19.89	58.90 1.25 -44.42	60.28 2.14 -35.62	51.46 2.46 -23.52	37.17 2.32 -10.18	27.11 2.15 -1.49	28.90 2.16 -2.72	41.72 1.84 -18.95	20.89 1.55 0.00
CE_MILLWOOD___DRP 24193	41.64 2.32 0.00	38.47 2.25 0.00	34.08 2.03 0.00	26.14 1.43 -2.09	23.36 1.35 0.00	23.45 1.33 0.00	23.91 1.32 0.00	24.90 1.56 0.00	25.47 1.68 0.00	26.64 1.84 0.00	28.60 1.95 0.00	33.57 2.46 0.00	41.14 3.09 -0.05	45.35 2.11 -19.38	37.51 2.07 -11.73	35.34 1.31 -19.81	58.94 1.22 -44.49	60.53 2.09 -35.93	51.59 2.40 -23.72	37.24 2.26 -10.31	27.06 2.10 -1.50	28.96 2.10 -2.85	42.55 1.78 -19.84	20.84 1.50 0.00
CE_NYC2_DRP 24202	41.82 2.50 0.00	38.68 2.46 0.00	34.32 2.27 0.00	26.11 1.62 -1.87	23.57 1.56 0.00	23.65 1.53 0.00	24.10 1.51 0.00	25.17 1.83 0.00	25.76 1.96 0.00	26.92 2.12 0.00	28.84 2.19 0.00	33.79 2.68 0.00	41.42 3.37 -0.05	45.62 2.27 -19.50	37.72 2.20 -11.80	35.54 1.39 -19.93	58.90 1.29 -44.38	60.15 2.18 -35.45	51.38 2.50 -23.41	37.07 2.39 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.71 2.02 -17.75	21.08 1.74 0.00
CE_NYC_DRP 24195	41.88 2.56 0.00	38.69 2.47 0.00	34.32 2.27 0.00	26.12 1.62 -1.87	23.57 1.56 0.00	23.65 1.53 0.00	24.10 1.51 0.00	25.14 1.80 0.00	25.72 1.93 0.00	26.90 2.10 0.00	28.82 2.17 0.00	33.83 2.72 0.00	41.52 3.47 -0.05	45.69 2.34 -19.50	37.80 2.29 -11.80	35.60 1.44 -19.93	58.95 1.34 -44.38	60.25 2.28 -35.45	51.52 2.63 -23.41	37.17 2.48 -10.02	27.27 2.32 -1.49	28.91 2.35 -2.55	40.73 2.04 -17.76	21.06 1.72 0.00
CHAFFEE___LFGE 323603	40.46 1.14 0.00	36.76 0.54 0.00	32.13 0.08 0.00	22.56 -0.07 0.00	22.28 0.26 0.00	22.37 0.26 0.00	22.97 0.37 0.00	23.67 0.33 0.00	24.17 0.37 0.00	24.95 0.15 0.00	27.08 0.42 0.00	31.37 0.26 0.00	37.75 -0.25 -0.01	26.73 -0.01 -2.89	24.76 -0.56 -1.60	12.81 -0.33 1.07	16.19 -0.46 -3.42	22.37 -0.54 -0.39	25.38 -0.41 -0.32	24.23 -0.32 0.12	22.89 -0.66 -0.08	23.48 -0.53 0.00	20.55 -0.38 0.00	18.88 -0.46 0.00
CHATEAUG_35_KV_LOAD 355732	38.31 -1.01 0.00	35.61 -0.61 0.00	31.68 -0.37 0.00	22.37 -0.26 0.00	21.79 -0.23 0.00	21.98 -0.14 0.00	22.44 -0.15 0.00	23.06 -0.28 0.00	23.50 -0.29 0.00	24.48 -0.32 0.00	26.17 -0.49 0.00	30.34 -0.77 0.00	37.11 -0.89 0.00	23.20 -0.65 0.00	23.17 -0.55 0.00	13.86 -0.36 0.00	12.95 -0.28 0.00	22.10 -0.42 0.00	24.92 -0.55 0.00	24.08 -0.59 0.00	23.05 -0.42 0.00	23.67 -0.34 0.00	20.90 -0.04 0.00	19.34 0.00 0.00
CHATEAUG_WT_PWR 323614	38.16 -1.16 0.00	35.52 -0.70 0.00	31.65 -0.40 0.00	22.33 -0.30 0.00	21.75 -0.26 0.00	21.95 -0.17 0.00	22.40 -0.19 0.00	23.02 -0.32 0.00	23.45 -0.35 0.00	24.43 -0.37 0.00	26.08 -0.58 0.00	30.24 -0.87 0.00	36.99 -1.00 0.00	23.12 -0.73 0.00	23.07 -0.64 0.00	13.81 -0.41 0.00	12.89 -0.34 0.00	22.00 -0.52 0.00	24.81 -0.66 0.00	23.97 -0.71 0.00	22.95 -0.51 0.00	23.59 -0.42 0.00	20.88 -0.05 0.00	19.33 0.00 0.00
CHAT_HIGH_FALL_HYD 323578	38.31 -1.01 0.00	35.61 -0.61 0.00	31.68 -0.37 0.00	22.37 -0.26 0.00	21.79 -0.22 0.00	21.98 -0.14 0.00	22.45 -0.15 0.00	23.06 -0.28 0.00	23.50 -0.29 0.00	24.48 -0.32 0.00	26.17 -0.49 0.00	30.34 -0.77 0.00	37.11 -0.89 0.00	23.20 -0.65 0.00	23.17 -0.55 0.00	13.86 -0.36 0.00	12.95 -0.28 0.00	22.09 -0.43 0.00	24.92 -0.55 0.00	24.08 -0.59 0.00	23.05 -0.42 0.00	23.67 -0.34 0.00	20.90 -0.04 0.00	19.34 0.00 0.00
CHAUTAUQUA___LFGE 323629	40.57 1.25 0.00	36.74 0.52 0.00	32.07 0.03 0.00	22.48 -0.15 0.00	22.33 0.31 0.00	22.44 0.32 0.00	23.03 0.44 0.00	23.85 0.51 0.00	24.27 0.47 0.00	25.12 0.31 0.00	27.37 0.71 0.00	31.79 0.68 0.00	38.19 0.19 -0.01	26.97 0.23 -2.89	24.76 -0.54 -1.59	12.46 -0.32 1.44	16.22 -0.39 -3.37	22.68 -0.22 -0.39	25.74 -0.04 -0.32	24.56 0.01 0.12	23.22 -0.33 -0.08	23.85 -0.16 0.00	20.86 -0.07 0.00	19.12 -0.22 0.00
CHERRYST_13_KV_LD 356241	42.02 2.71 0.00	38.83 2.61 0.00	34.43 2.39 0.00	26.20 1.70 -1.87	23.65 1.63 0.00	23.72 1.61 0.00	24.19 1.59 0.00	25.22 1.89 0.00	25.82 2.02 0.00	27.01 2.20 0.00	28.94 2.29 0.00	33.97 2.86 0.00	41.70 3.66 -0.05	45.81 2.45 -19.50	37.91 2.40 -11.80	35.67 1.51 -19.93	59.02 1.41 -44.38	60.36 2.38 -35.45	51.64 2.75 -23.41	37.29 2.61 -10.02	27.38 2.43 -1.49	29.02 2.45 -2.55	40.81 2.12 -17.76	21.13 1.79 0.00
CHESTROR_138KV_BK263 355645	41.31 1.99 0.00	38.14 1.92 0.00	33.75 1.71 0.00	21.92 1.19 1.90	23.15 1.13 0.00	23.23 1.11 0.00	23.70 1.11 0.00	24.66 1.32 0.00	25.21 1.41 0.00	26.35 1.54 0.00	28.32 1.66 0.00	33.20 2.09 0.00	40.71 2.66 -0.05	43.54 1.82 -17.86	36.31 1.79 -10.81	33.59 1.12 -18.24	60.13 1.06 -45.84	66.26 1.83 -41.91	55.15 2.10 -27.57	27.58 1.96 -0.95	26.92 1.82 -1.64	23.22 1.79 2.58	4.45 1.50 17.99	20.59 1.25 0.00
CH_MIDHUDSON___DRP 24192	41.68 2.37 0.00	38.49 2.27 0.00	34.10 2.05 0.00	24.36 1.43 -0.30	23.39 1.37 0.00	23.47 1.35 0.00	23.93 1.34 0.00	24.89 1.56 0.00	25.44 1.65 0.00	26.60 1.80 0.00	28.58 1.93 0.00	33.54 2.43 0.00	41.13 3.08 -0.05	45.77 2.10 -19.82	37.78 2.08 -11.99	35.78 1.31 -20.25	58.02 1.23 -43.57	57.90 2.12 -33.26	49.88 2.41 -22.00	32.89 2.26 -5.95	26.99 2.10 -1.43	26.50 2.07 -0.42	25.57 1.72 -2.92	20.79 1.45 0.00
CH_MISC_IPPS 23765	42.03 2.72 0.00	38.80 2.57 0.00	34.35 2.30 0.00	24.22 1.59 0.00	23.54 1.53 0.00	23.63 1.51 0.00	24.10 1.51 0.00	25.08 1.75 0.00	25.66 1.86 0.00	26.83 2.03 0.00	28.86 2.21 0.00	33.87 2.75 0.00	41.55 3.50 -0.05	45.69 2.38 -19.46	37.85 2.36 -11.77	35.57 1.47 -19.88	58.40 1.38 -43.78	59.42 2.41 -34.49	50.99 2.73 -22.79	32.50 2.52 -5.30	27.25 2.33 -1.46	26.31 2.30 0.00	22.83 1.90 0.00	20.94 1.60 0.00
CH_RES_BVR_FALLS 23983	38.83 -0.49 0.00	35.90 -0.33 0.00	31.74 -0.30 0.00	22.41 -0.22 0.00	21.85 -0.16 0.00	21.99 -0.13 0.00	22.48 -0.12 0.00	23.17 -0.16 0.00	23.64 -0.16 0.00	24.63 -0.18 0.00	26.41 -0.24 0.00	30.82 -0.29 0.00	37.63 -0.37 0.00	23.53 -0.32 0.00	23.33 -0.38 0.00	14.00 -0.22 0.00	13.06 -0.17 0.00	22.28 -0.24 0.00	25.07 -0.40 0.00	24.32 -0.35 0.00	23.18 -0.28 0.00	23.77 -0.24 0.00	20.77 -0.16 0.00	19.24 -0.10 0.00

CH_RES_NIAGARA 23895	39.27 -0.05 0.00	35.76 -0.46 0.00	31.27 -0.78 0.00	21.99 -0.64 0.00	21.70 -0.32 0.00	21.78 -0.34 0.00	22.40 -0.19 0.00	22.97 -0.37 0.00	23.46 -0.34 0.00	24.09 -0.71 0.00	26.12 -0.53 0.00	30.08 -1.03 0.00	35.93 -2.07 -0.01	25.36 -1.07 -2.58	23.61 -1.53 -1.42	12.20 -0.84 1.19	15.26 -0.99 -3.02	21.44 -1.44 -0.36	24.29 -1.47 -0.29	23.27 -1.29 0.11	21.95 -1.59 -0.07	22.54 -1.47 0.00	19.74 -1.19 0.00	18.22 -1.11 0.00
CH_RES_SYRACUSE 23985	39.54 0.22 0.00	36.42 0.20 0.00	32.11 0.06 0.00	22.59 -0.04 0.00	21.99 -0.03 0.00	22.08 -0.04 0.00	22.59 0.00 0.00	23.39 0.05 0.00	23.95 0.10 -0.05	25.52 0.11 -0.60	27.59 0.14 -0.80	33.65 0.18 -2.36	41.91 0.20 -3.72	26.90 0.14 -2.90	25.20 0.00 -1.50	16.06 0.02 -1.81	15.94 0.00 -2.71	23.60 -0.06 -1.14	26.18 -0.06 -0.77	24.92 -0.05 -0.30	23.55 -0.11 -0.20	23.97 -0.13 -0.09	20.82 -0.16 -0.05	19.15 -0.19 0.00
CLINTON_WT_PWR 323605	38.16 -1.16 0.00	35.52 -0.70 0.00	31.65 -0.40 0.00	22.33 -0.30 0.00	21.75 -0.26 0.00	21.95 -0.17 0.00	22.40 -0.19 0.00	23.02 -0.32 0.00	23.45 -0.35 0.00	24.43 -0.37 0.00	26.08 -0.58 0.00	30.24 -0.87 0.00	36.99 -1.00 0.00	23.12 -0.73 0.00	23.07 -0.64 0.00	13.81 -0.41 0.00	12.89 -0.34 0.00	22.00 -0.52 0.00	24.81 -0.66 0.00	23.97 -0.71 0.00	22.95 -0.51 0.00	23.59 -0.42 0.00	20.88 -0.05 0.00	19.33 0.00 0.00
CLINTON___LFGE 323618	38.19 -1.13 0.00	35.65 -0.57 0.00	31.82 -0.23 0.00	22.44 -0.19 0.00	21.85 -0.17 0.00	22.04 -0.08 0.00	22.48 -0.11 0.00	23.10 -0.24 0.00	23.52 -0.28 0.00	24.50 -0.30 0.00	26.07 -0.58 0.00	30.20 -0.91 0.00	36.99 -1.00 0.00	23.11 -0.74 0.00	23.03 -0.68 0.00	13.79 -0.44 0.00	12.87 -0.36 0.00	22.00 -0.52 0.00	24.78 -0.69 0.00	23.91 -0.76 0.00	22.97 -0.50 0.00	23.65 -0.36 0.00	21.08 0.15 0.00	19.50 0.16 0.00
COBBLENY_34_KV_TB1 80064	40.46 1.14 0.00	36.77 0.55 0.00	32.13 0.08 0.00	22.56 -0.07 0.00	22.28 0.26 0.00	22.37 0.26 0.00	22.97 0.38 0.00	23.67 0.33 0.00	24.16 0.37 0.00	24.94 0.14 0.00	27.07 0.42 0.00	31.37 0.26 -0.01	37.77 -0.23 -2.89	26.72 -0.03 -1.60	24.75 -0.56 1.07	12.82 -0.33 -3.42	16.19 -0.46 -0.39	22.35 -0.56 -0.32	25.36 -0.43 0.12	24.21 -0.34 -0.08	22.88 -0.66 0.00	23.47 -0.54 0.00	20.54 -0.39 0.00	18.89 -0.45 0.00
COFFEEN___115KV_TB3 355620	41.09 1.77 0.00	37.88 1.66 0.00	33.26 1.21 0.00	23.33 0.70 0.00	22.98 0.97 0.00	23.12 1.00 0.00	23.80 1.21 0.00	24.54 1.21 -0.05	25.24 1.40 -0.51	26.77 1.46 -0.67	28.99 1.67 -1.98	35.15 2.05 -3.13	43.34 2.21 -1.90	26.52 0.76 -0.93	25.14 0.50 -0.95	15.74 0.56 -1.43	15.19 0.54 -0.70	23.87 0.65 -0.47	26.39 0.45 -0.24	25.62 0.71 -0.14	24.52 0.91 -0.08	25.04 0.96 -0.04	21.75 0.78 0.00	19.94 0.60 0.00
COLDSPRG_115KV_BK1 355956	40.83 1.51 0.00	37.07 0.85 0.00	32.37 0.32 0.00	22.69 0.07 0.00	22.51 0.50 0.00	22.63 0.51 0.00	23.24 0.65 0.00	24.09 0.75 0.00	24.55 0.76 0.00	25.44 0.64 0.00	27.68 1.02 0.00	32.11 1.00 -0.01	38.57 0.57 -3.05	27.31 0.41 -1.76	25.10 -0.38 -0.92	14.96 -0.18 -3.89	16.82 -0.31 -0.40	22.80 -0.12 -0.33	25.95 0.15 0.13	24.80 0.25 -0.08	23.46 -0.08 0.00	24.10 0.08 0.00	21.07 0.14 0.00	19.32 -0.01 0.00
COLONIE_LFGE___ 323577	40.86 1.54 0.00	37.84 1.62 0.00	33.61 1.56 0.00	24.14 1.12 -0.39	23.06 1.05 0.00	23.18 1.06 0.00	23.57 0.97 0.00	24.29 0.95 0.00	24.75 0.96 0.00	25.83 1.02 0.00	27.68 1.02 0.00	32.49 1.37 0.00	39.89 1.82 -0.07	49.55 1.33 -24.37	39.70 1.24 -14.75	39.91 0.73 -24.96	58.63 0.66 -44.74	48.39 1.10 -24.76	43.27 1.21 -16.59	30.01 1.21 -4.12	25.95 1.20 -1.29	25.73 1.18 -0.54	25.64 0.97 -3.74	20.21 0.87 0.00
COOPERNY_115KV_TB1 80082	40.85 1.53 0.00	37.19 0.97 0.00	32.91 0.87 0.00	22.68 0.59 0.55	22.59 0.58 0.00	22.68 0.56 0.00	23.14 0.56 0.00	24.03 0.70 0.00	24.54 0.74 0.00	25.63 0.82 0.00	27.56 0.90 0.00	32.27 1.16 -0.03	39.50 1.47 -11.43	36.31 1.02 -6.92	31.61 0.97 -11.27	26.15 0.66 -7.53	21.40 0.64 11.78	11.82 1.09 7.41	19.32 1.26 4.42	21.41 1.16 4.42	24.43 1.06 0.09	24.36 1.05 0.70	16.93 0.86 4.86	20.04 0.70 0.00
COPENHAGEN_WT_PWR 323753	40.35 1.03 0.00	37.26 1.04 0.00	32.73 0.68 0.00	22.94 0.31 0.00	22.64 0.63 0.00	22.77 0.65 0.00	23.46 0.87 0.00	24.20 0.86 0.00	24.88 1.04 -0.05	26.39 1.05 -0.53	28.56 1.20 -0.70	34.72 1.53 -2.08	42.77 1.50 -3.28	26.07 0.24 -1.98	24.69 0.01 -0.97	15.52 0.31 -0.98	15.02 0.32 -1.47	23.50 0.25 -0.73	25.93 -0.03 -0.48	25.22 0.29 -0.25	24.16 0.55 -0.15	24.67 0.58 -0.08	21.45 0.48 -0.05	19.68 0.34 0.00
CORNELL___ 23752	40.72 1.41 0.00	37.34 1.12 0.00	32.90 0.86 0.00	23.15 0.52 0.00	22.58 0.57 0.00	22.69 0.57 0.00	23.22 0.63 0.00	24.06 0.73 0.00	24.57 0.74 -0.03	25.87 0.74 -0.33	27.93 0.85 -0.43	33.43 1.04 -1.28	41.40 1.38 -2.02	29.11 0.94 -4.32	26.99 0.74 -2.53	20.35 0.48 -5.65	18.96 0.38 -5.35	23.65 0.61 -0.53	26.58 0.69 -0.42	25.33 0.69 0.04	24.20 0.57 -0.17	24.60 0.54 -0.05	21.37 0.42 -0.03	19.65 0.31 0.00
CORONA_AV_69_KV_TB1 355595	42.48 3.17 0.00	46.35 3.02 -7.11	38.90 2.79 -4.06	26.34 1.86 -1.85	23.78 1.77 0.00	23.81 1.69 0.00	24.31 1.72 0.00	25.34 2.01 0.00	25.99 2.19 0.00	27.71 2.36 -0.55	40.58 2.69 -11.24	41.32 3.26 -6.95	41.82 3.77 -0.05	45.91 2.55 -19.51	41.77 2.62 -15.44	37.60 1.65 -21.73	59.79 1.50 -45.06	61.63 2.58 -36.53	67.47 3.02 -38.97	85.14 2.87 -57.60	337.83 2.73 -311.64	199.07 2.76 -172.30	59.18 2.38 -35.87	51.12 2.02 -29.76
CORTLAND_115KV_TB3 80093	40.25 0.93 0.00	36.92 0.70 0.00	32.57 0.52 0.00	22.92 0.29 0.00	22.35 0.33 0.00	22.46 0.34 0.00	22.97 0.38 0.00	23.82 0.48 0.00	24.32 0.49 -0.03	25.63 0.49 -0.34	27.70 0.60 -0.45	33.22 0.78 -1.32	41.05 0.96 -2.10	28.15 0.64 -3.66	26.22 0.44 -2.07	17.70 0.31 -3.17	17.61 0.23 -4.15	23.45 0.38 -0.55	26.30 0.42 -0.42	25.10 0.41 -0.02	23.94 0.32 -0.16	24.38 0.32 -0.05	21.19 0.23 -0.03	19.47 0.13 0.00
COXSACKIE___GT 23611	41.80 2.49 0.00	38.73 2.51 0.00	34.52 2.48 0.00	24.64 1.74 -0.26	23.56 1.55 0.00	23.68 1.56 0.00	24.10 1.51 0.00	24.86 1.52 0.00	25.17 1.37 0.00	26.32 1.51 0.00	28.20 1.54 0.00	33.05 1.94 0.00	40.53 2.47 -0.06	48.28 1.82 -22.61	39.18 1.79 -13.68	38.27 0.93 -23.11	57.01 0.96 -42.83	49.76 1.78 -25.46	44.47 2.00 -17.00	30.20 1.74 -3.78	26.33 1.60 -1.27	25.97 1.59 -0.36	24.87 1.41 -2.53	20.71 1.37 0.00
CPV_VALLEY___CC1 323721	40.95 1.63 0.00	36.76 0.54 0.00	32.56 0.51 0.00	22.42 0.36 0.57	22.35 0.34 0.00	22.44 0.32 0.00	22.89 0.30 0.00	23.77 0.43 0.00	24.27 0.47 0.00	25.34 0.53 0.00	27.24 0.59 0.00	31.90 0.79 0.00	39.07 1.05 -0.03	35.57 0.75 -10.97	31.06 0.71 -6.64	25.82 0.46 -11.14	19.38 0.46 -5.69	8.48 0.79 14.83	17.00 0.91 9.39	20.39 0.81 5.09	24.01 0.73 0.18	23.96 0.71 0.76	16.17 0.56 5.33	19.77 0.44 0.00

CPV_VALLEY___CC2 323722	40.95 1.63 0.00	36.76 0.54 0.00	32.56 0.51 0.00	22.42 0.36 0.57	22.35 0.34 0.00	22.44 0.32 0.00	22.89 0.30 0.00	23.77 0.43 0.00	24.27 0.47 0.00	25.34 0.53 0.00	27.24 0.59 0.00	31.90 0.79 0.00	39.07 1.05 -0.03	35.57 0.75 -10.97	31.06 0.71 -6.64	25.82 0.46 -11.14	19.38 0.46 -5.69	8.48 0.79 14.83	17.00 0.91 9.39	20.39 0.81 5.09	24.01 0.73 0.18	23.96 0.71 0.76	16.17 0.56 5.33	19.77 0.44 0.00
CRESCENT___HYD 24018	40.86 1.54 0.00	37.84 1.62 0.00	33.61 1.56 0.00	24.14 1.12 -0.39	23.06 1.05 0.00	23.18 1.06 0.00	23.57 0.97 0.00	24.29 0.95 0.00	24.75 0.96 0.00	25.83 1.02 0.00	27.68 1.02 0.00	32.49 1.37 0.00	39.89 1.82 -0.07	49.55 1.33 -24.37	39.70 1.24 -14.75	39.91 0.73 -24.96	58.63 0.66 -44.74	48.39 1.10 -24.76	43.27 1.21 -16.59	30.01 1.21 -4.12	25.95 1.20 -1.29	25.73 1.18 -0.54	25.64 0.97 -3.74	20.21 0.87 0.00
CRICKET___VALLEY_CC1 323756	41.09 1.77 0.00	37.97 1.75 0.00	33.67 1.62 0.00	24.54 1.13 -0.78	23.10 1.08 0.00	23.20 1.08 0.00	23.63 1.04 0.00	24.53 1.20 0.00	25.02 1.22 0.00	26.14 1.33 0.00	28.03 1.37 0.00	32.89 1.78 0.00	40.35 2.29 -0.06	45.97 1.61 -20.51	37.72 1.60 -12.41	36.22 1.02 -20.98	57.86 0.94 -43.69	56.00 1.63 -31.85	48.43 1.86 -21.10	33.94 1.78 -7.49	26.56 1.69 -1.41	26.73 1.66 -1.07	29.69 1.35 -7.42	20.48 1.14 0.00
CRICKET___VALLEY_CC2 323757	41.09 1.77 0.00	37.97 1.75 0.00	33.67 1.62 0.00	24.54 1.13 -0.78	23.10 1.08 0.00	23.20 1.08 0.00	23.63 1.04 0.00	24.53 1.20 0.00	25.02 1.22 0.00	26.14 1.33 0.00	28.03 1.37 0.00	32.89 1.78 0.00	40.35 2.29 -0.06	45.97 1.61 -20.51	37.72 1.60 -12.41	36.22 1.02 -20.98	57.86 0.94 -43.69	56.00 1.63 -31.85	48.43 1.86 -21.10	33.94 1.78 -7.49	26.56 1.69 -1.41	26.73 1.66 -1.07	29.69 1.35 -7.42	20.48 1.14 0.00
CRICKET___VALLEY_CC3 323758	41.09 1.77 0.00	37.97 1.75 0.00	33.67 1.62 0.00	24.54 1.13 -0.78	23.10 1.08 0.00	23.20 1.08 0.00	23.63 1.04 0.00	24.53 1.20 0.00	25.02 1.22 0.00	26.14 1.33 0.00	28.03 1.37 0.00	32.89 1.78 0.00	40.35 2.29 -0.06	45.97 1.61 -20.51	37.72 1.60 -12.41	36.22 1.02 -20.98	57.86 0.94 -43.69	56.00 1.63 -31.85	48.43 1.86 -21.10	33.94 1.78 -7.49	26.56 1.69 -1.41	26.73 1.66 -1.07	29.69 1.35 -7.42	20.48 1.14 0.00
CRUCIBLE_METL_DRP 24180	39.54 0.21 0.00	36.42 0.20 0.00	32.11 0.06 0.00	22.59 -0.04 0.00	21.99 -0.03 0.00	22.08 -0.04 0.00	22.59 0.00 0.00	23.39 0.05 0.00	23.95 0.10 -0.05	25.52 0.11 -0.60	27.59 0.14 -0.80	33.65 0.18 -2.36	41.91 0.20 -3.72	26.90 0.14 -2.90	25.20 0.00 -1.50	16.06 0.02 -1.81	15.94 0.00 -2.71	23.60 -0.06 -1.14	26.18 -0.06 -0.77	24.92 -0.05 -0.30	23.55 -0.11 -0.20	23.97 -0.13 -0.09	20.82 -0.16 -0.05	19.15 -0.18 0.00
DAHOWA___HYDRO 323763	41.75 2.44 0.00	38.53 2.31 0.00	34.19 2.14 0.00	24.52 1.52 -0.38	23.49 1.47 0.00	23.60 1.48 0.00	23.97 1.38 0.00	24.74 1.41 0.00	25.19 1.40 0.00	26.32 1.51 0.00	28.18 1.53 0.00	33.10 1.99 0.00	40.64 2.58 -0.07	50.44 1.82 -24.78	40.47 1.76 -14.99	40.62 1.03 -25.37	59.24 0.92 -45.09	48.49 1.51 -24.46	43.59 1.72 -16.40	30.29 1.65 -3.97	26.40 1.64 -1.29	26.19 1.66 -0.52	25.86 1.35 -3.58	20.53 1.19 0.00
DANC___LFGE 323619	39.81 0.49 0.00	36.71 0.49 0.00	32.28 0.24 0.00	22.66 0.03 0.00	22.24 0.23 0.00	22.36 0.24 0.00	22.97 0.38 0.00	23.74 0.40 0.00	24.37 0.52 -0.06	26.00 0.52 -0.66	28.16 0.63 -0.88	34.53 0.82 -2.61	42.84 0.74 -4.11	26.31 0.05 -2.40	24.72 -0.16 -1.17	15.47 0.09 -1.15	15.04 0.09 -1.72	23.35 -0.05 -0.87	25.81 -0.25 -0.58	24.95 -0.04 -0.32	23.78 0.13 -0.19	24.27 0.16 -0.10	21.09 0.10 -0.06	19.36 0.03 0.00
DANSKAMMER___1 23586	42.03 2.72 0.00	38.80 2.57 0.00	34.35 2.30 0.00	24.22 1.59 0.00	23.54 1.53 0.00	23.63 1.51 0.00	24.10 1.51 0.00	25.08 1.75 0.00	25.66 1.86 0.00	26.83 2.03 0.00	28.86 2.21 0.00	33.87 2.75 0.00	41.55 3.50 -0.05	45.69 2.38 -19.46	37.85 2.36 -11.77	35.57 1.47 -19.88	58.40 1.38 -43.78	59.42 2.41 -34.49	50.99 2.73 -22.79	32.50 2.52 -5.30	27.25 2.33 -1.46	26.31 2.30 0.00	22.83 1.90 0.00	20.94 1.60 0.00
DANSKAMMER___2 23589	42.03 2.72 0.00	38.80 2.57 0.00	34.35 2.30 0.00	24.22 1.59 0.00	23.54 1.53 0.00	23.63 1.51 0.00	24.10 1.51 0.00	25.08 1.75 0.00	25.66 1.86 0.00	26.83 2.03 0.00	28.86 2.21 0.00	33.87 2.75 0.00	41.55 3.50 -0.05	45.69 2.38 -19.46	37.85 2.36 -11.77	35.57 1.47 -19.88	58.40 1.38 -43.78	59.42 2.41 -34.49	50.99 2.73 -22.79	32.50 2.52 -5.30	27.25 2.33 -1.46	26.31 2.30 0.00	22.83 1.90 0.00	20.94 1.60 0.00
DANSKAMMER___3 23590	42.03 2.72 0.00	38.80 2.57 0.00	34.35 2.30 0.00	24.22 1.59 0.00	23.54 1.53 0.00	23.63 1.51 0.00	24.10 1.51 0.00	25.08 1.75 0.00	25.66 1.86 0.00	26.83 2.03 0.00	28.86 2.21 0.00	33.87 2.75 0.00	41.55 3.50 -0.05	45.69 2.38 -19.46	37.85 2.36 -11.77	35.57 1.47 -19.88	58.40 1.38 -43.78	59.42 2.41 -34.49	50.99 2.73 -22.79	32.50 2.52 -5.30	27.25 2.33 -1.46	26.31 2.30 0.00	22.83 1.90 0.00	20.94 1.60 0.00
DANSKAMMER___4 23591	42.03 2.72 0.00	38.80 2.57 0.00	34.35 2.30 0.00	24.22 1.59 0.00	23.54 1.53 0.00	23.63 1.51 0.00	24.10 1.51 0.00	25.08 1.75 0.00	25.66 1.86 0.00	26.83 2.03 0.00	28.86 2.21 0.00	33.87 2.75 0.00	41.55 3.50 -0.05	45.69 2.38 -19.46	37.85 2.36 -11.77	35.57 1.47 -19.88	58.40 1.38 -43.78	59.42 2.41 -34.49	50.99 2.73 -22.79	32.50 2.52 -5.30	27.25 2.33 -1.46	26.31 2.30 0.00	22.83 1.90 0.00	20.94 1.60 0.00
DANSKAMMER___DIESEL 23592	42.04 2.72 0.00	38.80 2.57 0.00	34.34 2.30 0.00	24.22 1.59 0.00	23.54 1.53 0.00	23.63 1.51 0.00	24.10 1.51 0.00	25.08 1.75 0.00	25.66 1.86 0.00	26.83 2.03 0.00	28.86 2.21 0.00	33.87 2.76 0.00	41.54 3.49 -0.05	45.69 2.38 -19.46	37.85 2.36 -11.77	35.57 1.47 -19.88	58.40 1.38 -43.78	59.41 2.40 -34.49	50.99 2.73 -22.79	32.50 2.53 -5.30	27.25 2.33 -1.46	26.31 2.30 0.00	22.83 1.90 0.00	20.94 1.60 0.00
DARBY___SOLAR 323810	41.62 2.30 0.00	38.42 2.19 0.00	34.09 2.04 0.00	24.45 1.44 -0.38	23.41 1.39 0.00	23.52 1.40 0.00	23.91 1.32 0.00	24.67 1.33 0.00	25.12 1.33 0.00	26.23 1.43 0.00	28.10 1.45 0.00	33.01 1.89 0.00	40.51 2.45 -0.07	50.30 1.73 -24.72	40.34 1.67 -14.96	40.51 0.98 -25.31	59.14 0.88 -45.04	48.47 1.44 -24.51	43.53 1.64 -16.42	30.25 1.58 -3.99	26.33 1.57 -1.29	26.11 1.58 -0.52	25.82 1.29 -3.61	20.48 1.14 0.00
DASHVILLE___HYD 23610	41.58 2.26 0.00	38.43 2.21 0.00	33.99 1.94 0.00	23.97 1.34 0.00	23.32 1.31 0.00	23.40 1.28 0.00	23.87 1.28 0.00	24.87 1.54 0.00	25.46 1.66 0.00	26.63 1.83 0.00	28.71 2.06 0.00	33.66 2.55 0.00	41.27 3.22 -0.05	45.67 2.08 -19.74	37.79 2.13 -11.94	35.65 1.33 -20.10	54.66 1.30 -40.13	52.22 2.34 -27.37	46.34 2.69 -18.17	30.59 2.47 -3.46	26.97 2.25 -1.26	26.21 2.20 0.00	22.71 1.78 0.00	20.79 1.45 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	44.26 4.94 0.00	48.06 4.74 -7.11	40.53 4.42 -4.07	27.30 2.82 -1.85	24.67 2.66 0.00	24.77 2.65 0.00	25.15 2.56 0.00	26.16 2.82 0.00	26.88 3.08 0.00	28.73 3.38 -0.55	41.74 3.85 -11.24	42.94 4.88 -6.95	43.84 5.78 -0.06	47.10 3.74 -19.51	42.98 3.82 -15.44	38.40 2.44 -21.73	112.70 2.23 -97.24	126.25 3.84 -99.89	192.22 4.52 -162.22	152.70 4.18 -123.85	338.56 3.47 -311.64	199.88 3.57 -172.30	81.77 3.60 -57.25	52.09 3.00 -29.76
DELAWARE___LFGE 323621	40.79 1.47 0.00	37.37 1.15 0.00	33.08 1.03 0.00	23.31 0.68 0.00	22.70 0.68 0.00	22.80 0.68 0.00	23.30 0.71 0.00	24.17 0.84 0.00	24.66 0.85 -0.01	25.83 0.91 -0.11	27.84 1.03 -0.15	32.83 1.28 -0.44	40.28 1.57 -0.71	31.62 1.04 -6.73	28.68 0.95 -4.02	21.72 0.56 -6.94	23.00 0.49 -9.28	24.58 0.85 -1.21	27.42 1.02 -0.93	25.50 1.01 0.18	24.55 0.88 -0.21	24.88 0.85 -0.02	21.65 0.71 -0.01	19.91 0.57 0.00
DERFIELD_115KV_TB7 355931	39.48 0.16 0.00	36.37 0.14 0.00	32.17 0.13 0.00	22.70 0.07 0.00	22.08 0.07 0.00	22.19 0.07 0.00	22.66 0.06 0.00	23.41 0.07 0.00	23.87 0.07 0.00	24.90 0.10 0.00	26.76 0.11 0.00	31.29 0.17 0.00	38.22 0.22 0.00	24.01 0.16 0.00	23.82 0.10 0.00	14.29 0.07 0.00	13.29 0.06 0.00	22.60 0.09 0.00	25.56 0.09 0.00	24.77 0.10 0.00	23.56 0.09 0.00	24.09 0.08 0.00	20.99 0.06 0.00	19.37 0.04 0.00
DOGLEVILLE___HYD 23807	40.03 0.71 0.00	36.92 0.70 0.00	32.78 0.73 0.00	23.14 0.51 0.00	22.42 0.40 0.00	22.56 0.44 0.00	22.96 0.38 0.00	23.73 0.39 0.00	24.11 0.31 0.00	25.14 0.34 0.00	27.06 0.40 0.00	31.79 0.68 0.00	39.23 1.23 0.00	24.95 1.10 0.00	24.76 1.04 0.00	14.80 0.58 0.00	13.64 0.40 0.00	23.10 0.58 0.00	26.20 0.73 0.00	25.33 0.65 0.00	24.08 0.62 0.00	24.48 0.46 0.00	21.27 0.34 0.00	19.56 0.22 0.00
DUNKIRK___115KV_TB_200 55889	40.53 1.21 0.00	36.72 0.49 0.00	32.06 0.02 0.00	22.48 -0.14 0.00	22.31 0.29 0.00	22.42 0.30 0.00	23.02 0.42 0.00	23.84 0.50 0.00	24.26 0.46 0.00	25.09 0.29 0.00	27.33 0.67 0.00	31.75 0.64 0.00	38.20 0.19 -0.01	26.95 0.21 -2.89	24.78 -0.52 -1.59	12.40 -0.30 1.53	16.20 -0.38 -3.35	22.64 -0.27 -0.39	25.71 -0.08 -0.31	24.52 -0.03 0.12	23.19 -0.36 -0.08	23.82 -0.19 0.00	20.82 -0.11 0.00	19.10 -0.24 0.00
DUNKIRK___1 23563	40.53 1.21 0.00	36.72 0.49 0.00	32.06 0.02 0.00	22.48 -0.14 0.00	22.31 0.29 0.00	22.42 0.30 0.00	23.02 0.42 0.00	23.84 0.50 0.00	24.26 0.46 0.00	25.09 0.29 0.00	27.33 0.67 0.00	31.75 0.64 0.00	38.20 0.19 -0.01	26.95 0.21 -2.89	24.78 -0.52 -1.59	12.40 -0.30 1.53	16.20 -0.38 -3.35	22.64 -0.27 -0.39	25.71 -0.08 -0.31	24.52 -0.03 0.12	23.19 -0.36 -0.08	23.82 -0.19 0.00	20.82 -0.11 0.00	19.10 -0.24 0.00
DUNKIRK___2 23564	40.53 1.21 0.00	36.72 0.49 0.00	32.06 0.02 0.00	22.48 -0.14 0.00	22.31 0.29 0.00	22.42 0.30 0.00	23.02 0.42 0.00	23.84 0.50 0.00	24.26 0.46 0.00	25.09 0.29 0.00	27.33 0.67 0.00	31.75 0.64 0.00	38.20 0.19 -0.01	26.95 0.21 -2.89	24.78 -0.52 -1.59	12.40 -0.30 1.53	16.20 -0.38 -3.35	22.64 -0.27 -0.39	25.71 -0.08 -0.31	24.52 -0.03 0.12	23.19 -0.36 -0.08	23.82 -0.19 0.00	20.82 -0.11 0.00	19.10 -0.24 0.00
DUNKIRK___3 23565	40.39 1.07 0.00	36.64 0.42 0.00	32.02 -0.03 0.00	22.47 -0.16 0.00	22.25 0.24 0.00	22.36 0.24 0.00	22.96 0.37 0.00	23.75 0.41 0.00	24.19 0.39 0.00	25.00 0.20 0.00	27.19 0.54 0.00	31.57 0.46 0.00	38.00 -0.01 -2.88	26.81 0.09 -1.56	24.71 -0.56 -1.91	12.00 -0.31 1.91	16.09 -0.42 -3.28	22.50 -0.40 -0.39	25.54 -0.24 -0.32	24.37 -0.18 0.12	23.05 -0.49 -0.08	23.66 -0.35 0.00	20.69 -0.24 0.00	19.00 -0.34 0.00
DUNKIRK___4 23566	40.39 1.07 0.00	36.64 0.42 0.00	32.02 -0.03 0.00	22.47 -0.16 0.00	22.25 0.24 0.00	22.36 0.24 0.00	22.96 0.37 0.00	23.75 0.41 0.00	24.19 0.39 0.00	25.00 0.20 0.00	27.19 0.54 0.00	31.57 0.46 0.00	38.00 -0.01 -2.88	26.81 0.09 -1.56	24.71 -0.56 -1.91	12.00 -0.31 1.91	16.09 -0.42 -3.28	22.50 -0.40 -0.39	25.54 -0.24 -0.32	24.37 -0.18 0.12	23.05 -0.49 -0.08	23.66 -0.35 0.00	20.69 -0.24 0.00	19.00 -0.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.80 2.49 0.00	38.63 2.41 0.00	34.24 2.19 0.00	26.03 1.54 -1.87	23.48 1.47 0.00	23.56 1.44 0.00	24.02 1.43 0.00	25.02 1.68 0.00	25.60 1.80 0.00	26.76 1.96 0.00	28.72 2.07 0.00	33.70 2.59 0.00	41.31 3.26 -0.05	45.56 2.21 -19.50	37.68 2.17 -11.80	35.52 1.37 -19.93	58.88 1.27 -44.38	60.14 2.17 -35.45	51.39 2.50 -23.41	37.04 2.36 -10.01	27.15 2.20 -1.49	28.77 2.21 -2.55	40.56 1.89 -17.74	20.94 1.60 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.64 2.32 0.00	38.46 2.24 0.00	34.05 2.00 0.00	23.39 1.38 0.62	23.33 1.32 0.00	23.42 1.30 0.00	23.89 1.30 0.00	24.87 1.54 0.00	25.44 1.65 0.00	26.60 1.80 0.00	28.60 1.95 0.00	33.54 2.43 0.00	41.10 3.05 -0.05	44.81 2.09 -18.86	37.20 2.08 -11.41	34.78 1.30 -19.26	58.59 1.23 -44.13	61.18 2.13 -36.53	52.01 2.44 -24.10	30.25 2.26 -3.31	27.06 2.09 -1.51	25.23 2.06 0.84	16.78 1.71 5.86	20.77 1.43 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.85 2.53 0.00	38.62 2.40 0.00	34.27 2.23 0.00	26.07 1.58 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.03 1.43 0.00	25.09 1.76 0.00	25.66 1.86 0.00	26.81 2.00 0.00	28.77 2.12 0.00	33.78 2.66 0.00	41.42 3.38 -0.05	45.65 2.30 -19.50	37.74 2.23 -11.80	35.56 1.40 -19.93	58.92 1.31 -44.38	60.19 2.22 -35.45	51.45 2.56 -23.41	37.15 2.46 -10.02	27.27 2.32 -1.49	28.89 2.33 -2.55	40.73 2.04 -17.75	21.09 1.75 0.00
E179THST_13_KV_LOAD 356214	42.14 2.82 0.00	38.88 2.66 0.00	34.49 2.44 0.00	26.22 1.72 -1.87	23.69 1.67 0.00	23.75 1.63 0.00	24.17 1.58 0.00	25.25 1.91 0.00	25.82 2.02 0.00	26.98 2.17 0.00	28.96 2.31 0.00	34.00 2.88 0.00	41.71 3.66 -0.05	45.82 2.47 -19.50	37.91 2.40 -11.80	35.67 1.51 -19.93	59.02 1.41 -44.38	60.37 2.39 -35.45	51.64 2.75 -23.41	37.33 2.64 -10.02	27.44 2.49 -1.49	29.06 2.50 -2.55	40.87 2.19 -17.75	21.21 1.87 0.00
EAST HAMPTON___GT 23717	44.95 5.63 0.00	48.75 5.42 -7.11	41.30 5.19 -4.07	27.83 3.35 -1.85	25.17 3.16 0.00	25.27 3.15 0.00	25.65 3.06 0.00	26.70 3.37 0.00	27.40 3.60 0.00	29.29 3.94 -0.55	42.05 4.16 -11.24	43.52 5.45 -6.95	44.66 6.60 -0.06	47.64 4.28 -19.51	43.49 4.34 -15.44	38.71 2.75 -21.73	113.00 2.52 -97.26	126.80 4.35 -99.93	192.84 5.12 -162.25	153.32 4.78 -123.87	339.09 3.99 -311.64	200.35 4.04 -172.30	82.34 4.17 -57.24	52.52 3.42 -29.76
EAST RIVER___6 23660	42.04 2.73 0.00	38.83 2.61 0.00	34.42 2.38 0.00	26.21 1.71 -1.87	23.65 1.64 0.00	23.72 1.60 0.00	24.17 1.58 0.00	25.22 1.88 0.00	25.81 2.01 0.00	26.99 2.18 0.00	28.92 2.27 0.00	33.96 2.85 0.00	41.70 3.65 -0.05	45.81 2.45 -19.50	37.92 2.41 -11.80	35.67 1.52 -19.93	59.02 1.41 -44.38	60.37 2.40 -35.45	51.65 2.76 -23.41	37.30 2.61 -10.02	27.39 2.44 -1.49	29.03 2.46 -2.55	40.82 2.13 -17.76	21.13 1.79 0.00

EAST_RIVER___7 23524	42.04 2.73 0.00	38.83 2.61 0.00	34.42 2.38 0.00	26.21 1.71 -1.87	23.65 1.64 0.00	23.72 1.60 0.00	24.17 1.58 0.00	25.22 1.88 0.00	25.81 2.01 0.00	26.99 2.18 0.00	28.92 2.27 0.00	33.96 2.85 0.00	41.70 3.65 -0.05	45.81 2.45 -19.50	37.92 2.41 -11.80	35.67 1.52 -19.93	59.02 1.41 -44.38	60.37 2.40 -35.45	51.65 2.76 -23.41	37.30 2.61 -10.02	27.39 2.44 -1.49	29.03 2.46 -2.55	40.82 2.13 -17.76	21.13 1.79 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.72 2.40 0.00	38.55 2.33 0.00	34.15 2.10 0.00	26.10 1.48 -1.99	23.42 1.40 0.00	23.49 1.38 0.00	23.96 1.37 0.00	24.96 1.62 0.00	25.54 1.74 0.00	26.71 1.90 0.00	28.67 2.02 0.00	33.64 2.53 0.00	41.26 3.20 -0.05	45.48 2.17 -19.46	37.61 2.12 -11.77	35.45 1.34 -19.89	58.90 1.25 -44.42	60.28 2.14 -35.62	51.46 2.46 -23.52	37.17 2.32 -10.18	27.11 2.15 -1.49	28.90 2.16 -2.72	41.72 1.84 -18.95	20.89 1.55 0.00
EAST_HAMPTON___DIESEL 23722	44.98 5.66 0.00	48.76 5.43 -7.11	41.31 5.20 -4.07	27.83 3.35 -1.85	25.18 3.17 0.00	25.27 3.15 0.00	25.65 3.06 0.00	26.70 3.37 0.00	27.41 3.62 0.00	29.30 3.95 -0.55	42.08 4.18 -11.24	43.54 5.48 -6.95	44.68 6.63 -0.06	47.66 4.29 -19.51	43.51 4.35 -15.44	38.72 2.76 -21.73	113.01 2.53 -97.26	126.81 4.36 -99.93	192.86 5.14 -162.25	153.34 4.79 -123.87	339.10 4.00 -311.64	200.35 4.05 -172.30	82.35 4.18 -57.24	52.52 3.43 -29.76
EAST_PULASKI___ESR 323781	39.23 -0.09 0.00	36.13 -0.09 0.00	31.83 -0.22 0.00	22.37 -0.26 0.00	21.83 -0.18 0.00	21.93 -0.19 0.00	22.47 -0.12 0.00	23.26 -0.08 0.00	23.86 -0.02 -0.08	25.73 -0.03 -0.95	27.93 0.01 -1.26	34.89 0.06 -3.72	43.81 -0.04 -5.87	26.79 -0.17 -3.11	24.84 -0.34 -1.47	15.40 -0.13 -1.31	15.05 -0.14 -1.96	23.27 -0.35 -1.10	25.72 -0.48 -0.73	24.75 -0.37 -0.45	23.42 -0.30 -0.25	23.87 -0.28 -0.14	20.73 -0.28 -0.08	19.03 -0.31 0.00
EAST_RIVER___1 323558	41.88 2.56 0.00	38.69 2.47 0.00	34.32 2.27 0.00	26.12 1.63 -1.87	23.57 1.56 0.00	23.65 1.53 0.00	24.10 1.51 0.00	25.13 1.80 0.00	25.72 1.93 0.00	26.90 2.09 0.00	28.82 2.16 0.00	33.83 2.72 0.00	41.52 3.47 -0.05	45.69 2.33 -19.50	37.80 2.29 -11.80	35.60 1.44 -19.93	58.95 1.34 -44.38	60.25 2.28 -35.45	51.52 2.63 -23.41	37.17 2.48 -10.02	27.28 2.32 -1.49	28.91 2.35 -2.55	40.73 2.04 -17.76	21.06 1.73 0.00
EAST_RIVER___2 323559	42.04 2.73 0.00	38.83 2.61 0.00	34.42 2.38 0.00	26.21 1.71 -1.87	23.65 1.64 0.00	23.72 1.60 0.00	24.17 1.58 0.00	25.22 1.88 0.00	25.81 2.01 0.00	26.99 2.18 0.00	28.92 2.27 0.00	33.96 2.85 0.00	41.70 3.65 -0.05	45.81 2.45 -19.50	37.92 2.41 -11.80	35.67 1.52 -19.93	59.02 1.41 -44.38	60.37 2.40 -35.45	51.65 2.76 -23.41	37.30 2.61 -10.02	27.39 2.44 -1.49	29.03 2.46 -2.55	40.82 2.13 -17.76	21.13 1.79 0.00
EAST___DELAWARE_HYD 23607	41.46 2.14 0.00	37.97 1.75 0.00	33.54 1.49 0.00	23.33 1.01 0.31	22.99 0.97 0.00	23.06 0.94 0.00	23.54 0.95 0.00	24.53 1.20 0.00	25.12 1.33 0.00	26.31 1.51 0.00	28.36 1.70 0.00	32.95 1.83 0.00	39.51 1.47 -0.04	40.94 1.11 -15.98	34.61 1.22 -9.67	30.94 0.77 -15.95	40.60 0.79 -26.58	36.09 1.40 -12.17	35.28 1.57 -8.23	26.21 1.44 -0.10	26.08 1.90 -0.72	25.44 1.80 0.38	19.74 1.46 2.65	20.51 1.17 0.00
EIGHT_POINT___WT_PWR 323820	40.90 1.58 0.00	37.21 0.99 0.00	32.48 0.43 0.00	22.73 0.10 0.00	22.51 0.49 0.00	22.73 0.61 0.00	23.12 0.53 0.00	23.91 0.58 0.00	24.33 0.52 -0.01	25.33 0.41 -0.12	27.48 0.66 -0.16	32.43 0.85 -0.47	39.69 0.94 -0.75	28.17 0.67 -3.65	26.41 -0.07 -2.76	34.31 -0.24 -20.32	19.66 -0.65 -7.08	22.16 -0.85 -0.49	25.71 -0.16 -0.39	24.46 -0.12 0.09	23.34 -0.24 -0.12	23.69 -0.34 -0.02	20.94 0.00 -0.01	19.38 0.04 0.00
ELBRIDGE_115KV_TB2 80188	39.45 0.13 0.00	36.30 0.08 0.00	32.00 -0.05 0.00	22.52 -0.11 0.00	21.92 -0.10 0.00	22.01 -0.11 0.00	22.52 -0.07 0.00	23.30 -0.04 0.00	23.86 0.01 -0.06	25.46 0.01 -0.64	27.52 0.02 -0.85	33.69 0.07 -2.51	42.01 0.05 -3.97	26.97 0.04 -3.08	25.20 -0.10 -1.58	16.11 -0.03 -1.92	16.05 -0.05 -2.87	23.57 -0.16 -1.21	26.14 -0.15 -0.81	24.86 -0.13 -0.32	23.49 -0.19 -0.21	23.89 -0.22 -0.10	20.74 -0.25 -0.06	19.09 -0.25 0.00
ELEC_TRO_TEK 24086	42.18 2.86 0.00	46.09 2.76 -7.11	38.65 2.54 -4.06	26.18 1.70 -1.85	23.62 1.61 0.00	23.66 1.54 0.00	24.13 1.54 0.00	25.15 1.81 0.00	25.79 1.99 0.00	27.48 2.13 -0.55	40.34 2.45 -11.24	41.06 3.00 -6.95	41.53 3.49 -0.05	45.69 2.33 -19.51	41.58 2.43 -15.44	37.49 1.54 -21.73	59.69 1.40 -45.06	61.44 2.39 -36.53	67.26 2.82 -38.97	84.92 2.65 -57.60	337.62 2.52 -311.64	198.87 2.55 -172.30	59.04 2.25 -35.87	51.02 1.92 -29.76
ELLENBURG_WT_PWR 323604	38.16 -1.16 0.00	35.52 -0.70 0.00	31.65 -0.40 0.00	22.33 -0.30 0.00	21.75 -0.26 0.00	21.95 -0.17 0.00	22.40 -0.19 0.00	23.02 -0.32 0.00	23.45 -0.35 0.00	24.43 -0.37 0.00	26.08 -0.58 0.00	30.24 -0.87 0.00	36.99 -1.00 0.00	23.12 -0.73 0.00	23.07 -0.64 0.00	13.81 -0.41 0.00	12.89 -0.34 0.00	22.00 -0.52 0.00	24.81 -0.66 0.00	23.97 -0.71 0.00	22.95 -0.51 0.00	23.59 -0.42 0.00	20.88 -0.05 0.00	19.33 0.00 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.19 0.87 0.00	36.57 0.35 0.00	31.95 -0.10 0.00	22.45 -0.18 0.00	22.16 0.15 0.00	22.26 0.14 0.00	22.86 0.27 0.00	23.52 0.19 0.00	24.02 0.23 0.00	24.76 -0.04 0.00	26.86 0.20 0.00	31.09 -0.02 0.00	37.37 -0.63 -0.01	26.32 -0.26 -2.73	24.37 -0.80 -1.46	11.30 -0.49 2.43	15.66 -0.60 -3.03	22.11 -0.78 -0.37	25.09 -0.68 -0.30	23.98 -0.57 0.11	22.66 -0.88 -0.08	23.26 -0.75 0.00	20.37 -0.56 0.00	18.78 -0.56 0.00
EMPIRE_CC_1 323656	40.08 0.76 0.00	37.21 0.99 0.00	33.18 1.14 0.00	23.92 0.83 -0.47	22.77 0.76 0.00	22.88 0.76 0.00	23.26 0.66 0.00	23.88 0.54 0.00	24.34 0.55 0.00	25.39 0.59 0.00	27.19 0.54 0.00	31.89 0.78 0.00	39.12 1.06 -0.06	47.80 0.84 -23.10	38.46 0.77 -13.98	38.33 0.46 -23.65	57.45 0.42 -43.80	49.23 0.70 -26.01	43.62 0.78 -17.37	30.23 0.80 -4.76	25.58 0.82 -1.30	25.44 0.79 -0.64	26.02 0.63 -4.45	19.96 0.62 0.00
EMPIRE_CC_2 323658	40.08 0.76 0.00	37.21 0.99 0.00	33.18 1.14 0.00	23.92 0.83 -0.47	22.77 0.76 0.00	22.88 0.76 0.00	23.26 0.66 0.00	23.88 0.54 0.00	24.34 0.55 0.00	25.39 0.59 0.00	27.19 0.54 0.00	31.89 0.78 0.00	39.12 1.06 -0.06	47.80 0.84 -23.10	38.46 0.77 -13.98	38.33 0.46 -23.65	57.45 0.42 -43.80	49.23 0.70 -26.01	43.62 0.78 -17.37	30.23 0.80 -4.76	25.58 0.82 -1.30	25.44 0.79 -0.64	26.02 0.63 -4.45	19.96 0.62 0.00
ENORWICH_115KV_TB1 80156	43.02 3.71 0.00	39.29 3.07 0.00	34.62 2.57 0.00	24.37 1.74 0.00	23.79 1.78 0.00	23.92 1.80 0.00	24.50 1.91 0.00	25.43 2.09 0.00	25.92 2.11 -0.02	27.08 2.04 -0.24	29.29 2.31 -0.32	34.69 2.62 -0.95	43.07 3.56 -1.52	31.67 2.42 -5.40	28.90 2.00 -3.19	22.11 1.30 -6.59	21.41 1.02 -7.16	24.01 1.70 0.21	27.57 2.12 0.02	26.40 2.04 0.31	25.34 1.71 -0.17	25.64 1.60 -0.03	22.30 1.35 -0.02	20.55 1.21 0.00

ERIE_ST__34_KV_TB1-2 80199	40.62 1.30 0.00	36.93 0.71 0.00	32.26 0.21 0.00	22.66 0.03 0.00	22.35 0.34 0.00	22.45 0.33 0.00	23.06 0.47 0.00	23.77 0.43 0.00	24.29 0.49 0.00	25.10 0.29 0.00	27.22 0.57 0.00	31.54 0.43 0.00	38.00 -0.01 -0.01	26.72 0.04 -2.83	24.76 -0.51 -1.55	12.46 -0.27 1.49	16.08 -0.44 -3.28	22.38 -0.52 -0.38	25.41 -0.37 -0.31	24.28 -0.27 0.12	22.94 -0.60 -0.08	23.53 -0.48 0.00	20.59 -0.34 0.00	18.95 -0.39 0.00
ERIE_WT_PWR 323693	40.44 1.12 0.00	36.79 0.57 0.00	32.13 0.08 0.00	22.56 -0.07 0.00	22.28 0.26 0.00	22.38 0.26 0.00	22.99 0.40 0.00	23.67 0.34 0.00	24.18 0.38 0.00	24.95 0.15 0.00	27.05 0.40 0.00	31.34 0.22 0.00	37.67 -0.33 -0.01	26.56 -0.09 -2.80	24.57 -0.65 -1.51	11.71 -0.40 2.11	15.87 -0.52 -3.15	22.30 -0.60 -0.38	25.31 -0.47 -0.31	24.17 -0.38 0.12	22.83 -0.72 -0.08	23.43 -0.58 0.00	20.52 -0.41 0.00	18.88 -0.45 0.00
ESPRGFLD_115KV_TB1 80157	42.24 2.92 0.00	38.55 2.33 0.00	33.93 1.88 0.00	23.82 1.19 0.00	23.26 1.25 0.00	23.40 1.27 0.00	23.98 1.39 0.00	24.88 1.55 0.00	25.43 1.63 0.00	26.47 1.67 0.00	28.57 1.91 0.00	33.29 2.18 0.00	40.53 2.54 0.01	20.58 1.55 4.82	22.31 1.51 2.92	10.29 0.92 4.84	10.17 0.80 3.87	27.75 1.31 -3.92	29.54 1.62 -2.44	27.93 1.68 -1.58	24.89 1.42 -0.01	25.39 1.38 0.00	22.13 1.20 0.00	20.37 1.03 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.65 1.33 0.00	37.27 1.05 0.00	32.86 0.81 0.00	23.12 0.49 0.00	22.55 0.54 0.00	22.66 0.54 0.00	23.18 0.59 0.00	24.03 0.69 0.00	24.53 0.70 -0.03	25.84 0.69 -0.34	27.90 0.80 -0.45	33.43 0.99 -1.32	41.40 1.30 -2.10	29.06 0.88 -4.33	26.92 0.68 -2.52	20.02 0.45 -5.35	18.86 0.35 -5.29	23.60 0.56 -0.52	26.52 0.63 -0.42	25.28 0.64 0.03	24.16 0.52 -0.17	24.56 0.50 -0.05	21.34 0.38 -0.03	19.62 0.28 0.00
ETNA____115KV_TB2 80207	40.65 1.33 0.00	37.27 1.05 0.00	32.86 0.81 0.00	23.12 0.49 0.00	22.55 0.54 0.00	22.66 0.54 0.00	23.18 0.59 0.00	24.03 0.69 0.00	24.53 0.70 -0.03	25.84 0.69 -0.34	27.90 0.80 -0.45	33.43 0.99 -1.32	41.40 1.30 -2.10	29.06 0.88 -4.33	26.92 0.68 -2.52	20.02 0.45 -5.35	18.86 0.35 -5.29	23.60 0.56 -0.52	26.52 0.63 -0.42	25.28 0.64 0.03	24.16 0.52 -0.17	24.56 0.50 -0.05	21.34 0.38 -0.03	19.62 0.28 0.00
EUCLID____115KV_TB2 356179	39.11 -0.21 0.00	35.97 -0.25 0.00	31.72 -0.33 0.00	22.32 -0.31 0.00	21.72 -0.30 0.00	21.80 -0.32 0.00	22.31 -0.29 0.00	23.09 -0.24 0.00	23.59 -0.23 -0.03	24.85 -0.24 -0.28	26.82 -0.21 -0.37	31.95 -0.24 -1.09	39.36 -0.35 -1.71	25.65 -0.20 -2.00	24.47 -0.33 -1.09	15.58 -0.17 -1.53	15.33 -0.18 -2.28	23.00 -0.36 -0.84	25.65 -0.40 -0.57	24.45 -0.37 -0.15	23.16 -0.42 -0.11	23.62 -0.43 -0.04	20.55 -0.40 -0.02	18.93 -0.41 0.00
E_CANADA_CAP_HY 24051	42.81 3.50 0.00	39.13 2.91 0.00	34.45 2.40 0.00	24.45 1.56 -0.26	23.60 1.59 0.00	23.73 1.61 0.00	24.32 1.73 0.00	25.18 1.85 0.00	25.72 1.92 0.00	26.74 1.94 0.00	28.82 2.17 0.00	33.55 2.44 0.00	40.93 2.86 -0.08	55.59 1.78 -29.96	43.70 1.86 -18.13	46.07 1.10 -30.75	65.16 0.96 -50.97	47.08 1.57 -22.99	42.96 1.93 -15.55	29.60 1.97 -2.96	26.56 1.73 -1.37	26.08 1.71 -0.35	24.90 1.50 -2.47	20.66 1.32 0.00
E_CANADA_MHWK_HY 24050	40.03 0.71 0.00	36.92 0.70 0.00	32.78 0.73 0.00	23.14 0.51 0.00	22.42 0.40 0.00	22.56 0.44 0.00	22.96 0.38 0.00	23.73 0.39 0.00	24.11 0.31 0.00	25.14 0.34 0.00	27.06 0.40 0.00	31.79 0.68 0.00	39.23 1.23 0.00	24.95 1.10 0.00	24.76 1.04 0.00	14.80 0.58 0.00	13.64 0.40 0.00	23.10 0.58 0.00	26.20 0.73 0.00	25.33 0.65 0.00	24.08 0.62 0.00	24.48 0.46 0.00	21.27 0.34 0.00	19.56 0.22 0.00
E_FISHKILL____LBMP 23776	41.36 2.04 0.00	38.22 2.00 0.00	33.89 1.84 0.00	24.56 1.29 -0.64	23.24 1.22 0.00	23.32 1.21 0.00	23.78 1.19 0.00	24.73 1.39 0.00	25.27 1.47 0.00	26.41 1.61 0.00	28.36 1.70 0.00	33.27 2.16 0.00	40.79 2.74 -0.06	45.64 1.88 -19.91	37.61 1.84 -12.05	35.74 1.16 -20.36	58.29 1.08 -43.98	58.15 1.85 -33.77	49.94 2.14 -22.33	35.09 2.02 -8.40	26.80 1.89 -1.45	26.77 1.89 -0.88	28.63 1.59 -6.11	20.68 1.34 0.00
FALCON____SEABRD_CC1 323796	37.78 -1.53 0.00	35.41 -0.82 0.00	31.65 -0.40 0.00	22.32 -0.31 0.00	21.74 -0.28 0.00	21.92 -0.19 0.00	22.35 -0.24 0.00	22.97 -0.37 0.00	23.38 -0.42 0.00	24.34 -0.47 0.00	25.81 -0.84 0.00	29.85 -1.27 0.00	36.55 -1.44 0.00	22.83 -1.03 0.00	22.74 -0.98 0.00	13.61 -0.61 0.00	12.71 -0.53 0.00	21.70 -0.82 0.00	24.44 -1.03 0.00	23.60 -1.07 0.00	22.73 -0.73 0.00	23.46 -0.56 0.00	21.05 0.12 0.00	19.50 0.16 0.00
FALCON____SEABRD_CC2 323797	37.78 -1.53 0.00	35.41 -0.82 0.00	31.65 -0.40 0.00	22.32 -0.31 0.00	21.74 -0.28 0.00	21.92 -0.19 0.00	22.35 -0.24 0.00	22.97 -0.37 0.00	23.38 -0.42 0.00	24.34 -0.47 0.00	25.81 -0.84 0.00	29.85 -1.27 0.00	36.55 -1.44 0.00	22.83 -1.03 0.00	22.74 -0.98 0.00	13.61 -0.61 0.00	12.71 -0.53 0.00	21.70 -0.82 0.00	24.44 -1.03 0.00	23.60 -1.07 0.00	22.73 -0.73 0.00	23.46 -0.56 0.00	21.05 0.12 0.00	19.50 0.16 0.00
FAR ROCKAWAY____4 23548	42.89 3.57 0.00	46.70 3.37 -7.11	39.19 3.09 -4.06	26.54 2.06 -1.85	23.96 1.95 0.00	23.99 1.88 0.00	24.56 1.97 0.00	25.62 2.29 0.00	26.29 2.50 0.00	28.04 2.68 -0.55	40.88 2.98 -11.24	41.67 3.61 -6.95	42.15 4.10 -0.05	46.16 2.80 -19.51	41.92 2.77 -15.44	37.70 1.74 -21.73	59.88 1.59 -45.06	61.80 2.74 -36.53	67.67 3.22 -38.97	85.31 3.04 -57.60	337.95 2.85 -311.64	199.19 2.88 -172.30	59.27 2.47 -35.87	51.18 2.08 -29.76
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.88 2.56 0.00	38.71 2.49 0.00	34.32 2.27 0.00	26.13 1.63 -1.87	23.57 1.56 0.00	23.65 1.54 0.00	24.11 1.52 0.00	25.14 1.81 0.00	25.74 1.94 0.00	26.92 2.11 0.00	28.84 2.19 0.00	33.84 2.73 0.00	41.52 3.47 -0.05	45.69 2.34 -19.50	37.79 2.28 -11.80	35.60 1.44 -19.93	58.95 1.34 -44.38	60.24 2.27 -35.45	51.51 2.62 -23.41	37.17 2.48 -10.02	27.27 2.32 -1.49	28.91 2.35 -2.55	40.73 2.05 -17.76	21.08 1.74 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.94 2.62 0.00	38.76 2.54 0.00	34.36 2.31 0.00	26.15 1.65 -1.87	23.60 1.58 0.00	23.67 1.56 0.00	24.14 1.55 0.00	25.17 1.83 0.00	25.77 1.97 0.00	26.94 2.14 0.00	28.87 2.21 0.00	33.87 2.76 0.00	41.56 3.52 -0.05	45.73 2.37 -19.50	37.83 2.32 -11.80	35.61 1.46 -19.93	58.96 1.35 -44.38	60.27 2.30 -35.45	51.55 2.66 -23.41	37.20 2.51 -10.02	27.31 2.35 -1.49	28.95 2.38 -2.55	40.76 2.07 -17.76	21.10 1.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.86 2.54 0.00	38.68 2.46 0.00	34.30 2.25 0.00	26.11 1.61 -1.87	23.56 1.55 0.00	23.64 1.52 0.00	24.09 1.50 0.00	25.13 1.79 0.00	25.72 1.93 0.00	26.90 2.10 0.00	28.82 2.17 0.00	33.81 2.70 0.00	41.49 3.44 -0.05	45.67 2.32 -19.50	37.77 2.26 -11.80	35.58 1.43 -19.93	58.94 1.33 -44.38	60.23 2.25 -35.45	51.49 2.60 -23.41	37.15 2.46 -10.02	27.25 2.30 -1.49	28.89 2.33 -2.55	40.72 2.03 -17.76	21.06 1.72 0.00

FARRAGUT___LBMP 323566	41.82 2.50 0.00	38.65 2.43 0.00	34.27 2.22 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.11 1.77 0.00	25.70 1.90 0.00	26.87 2.07 0.00	28.79 2.13 0.00	33.78 2.67 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.74 2.23 -11.80	35.57 1.42 -19.93	58.92 1.31 -44.38	60.20 2.23 -35.45	51.46 2.57 -23.41	37.12 2.43 -10.02	27.23 2.28 -1.49	28.87 2.31 -2.55	40.69 2.01 -17.76	21.04 1.70 0.00
FENNER___WINDPWR 24204	40.51 1.19 0.00	37.21 0.99 0.00	32.83 0.78 0.00	23.10 0.47 0.00	22.51 0.50 0.00	22.62 0.50 0.00	23.14 0.55 0.00	23.96 0.62 0.00	24.51 0.69 -0.02	25.79 0.72 -0.26	27.81 0.81 -0.34	33.22 1.10 -1.01	40.87 1.27 -1.61	27.14 0.77 -2.52	25.72 0.59 -1.41	16.75 0.40 -2.13	16.71 0.30 -3.18	24.13 0.50 -1.10	26.77 0.55 -0.75	25.33 0.51 -0.15	24.04 0.44 -0.13	24.49 0.43 -0.04	21.31 0.36 -0.02	19.61 0.27 0.00
FIBERTEK___ENERGY 23856	39.54 0.21 0.00	36.42 0.20 0.00	32.11 0.06 0.00	22.59 -0.04 0.00	21.99 -0.03 0.00	22.08 -0.04 0.00	22.59 0.00 0.00	23.39 0.05 0.00	23.95 0.10 -0.05	25.52 0.11 -0.60	27.59 0.14 -0.80	33.65 0.18 -2.36	41.91 0.20 -3.72	26.90 0.14 -2.90	25.20 0.00 -1.50	16.06 0.02 -1.81	15.94 0.00 -2.71	23.60 -0.06 -1.14	26.18 -0.06 -0.77	24.92 -0.05 -0.30	23.55 -0.11 -0.20	23.97 -0.13 -0.09	20.82 -0.16 -0.05	19.15 -0.18 0.00
FITZPATRICK____ 23598	38.44 -0.88 0.00	35.41 -0.81 0.00	31.24 -0.81 0.00	21.98 -0.65 0.00	21.36 -0.65 0.00	21.45 -0.67 0.00	21.94 -0.65 0.00	22.70 -0.64 0.00	22.87 -0.64 0.29	20.83 -0.67 3.30	21.59 -0.70 4.37	17.39 -0.81 12.91	16.62 -1.03 20.35	17.80 -0.63 5.43	21.13 -0.73 1.85	14.91 -0.40 -1.09	14.48 -0.39 -1.63	20.53 -0.72 1.27	23.92 -0.81 0.74	22.43 -0.77 1.47	22.00 -0.77 0.69	22.72 -0.79 0.50	19.93 -0.72 0.28	18.66 -0.68 0.00
FLOWRFLD_69_KV_BK1 356044	43.12 3.81 0.00	46.93 3.60 -7.11	39.40 3.29 -4.07	26.57 2.08 -1.85	23.99 1.98 0.00	24.04 1.93 0.00	24.47 1.88 0.00	25.45 2.11 0.00	26.15 2.35 0.00	27.89 2.54 -0.55	40.96 3.07 -11.24	41.81 3.75 -6.95	42.15 4.09 -0.07	46.05 2.69 -19.51	41.93 2.78 -15.44	37.73 1.77 -21.73	129.27 1.58 -114.45	163.43 2.70 -138.21	232.85 3.24 -204.14	178.60 2.95 -150.98	337.55 2.45 -311.64	198.91 2.60 -172.30	82.57 2.72 -58.92	51.46 2.36 -29.76
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.13 2.82 0.00	38.87 2.65 0.00	34.41 2.37 0.00	24.27 1.64 0.00	23.59 1.57 0.00	23.67 1.55 0.00	24.15 1.56 0.00	25.13 1.80 0.00	25.71 1.92 0.00	26.89 2.09 0.00	28.93 2.27 0.00	33.96 2.84 0.00	41.65 3.60 -0.05	45.84 2.45 -19.53	37.96 2.43 -11.82	35.69 1.51 -19.96	58.44 1.43 -43.79	59.32 2.47 -34.33	50.96 2.81 -22.69	32.93 2.60 -5.66	27.31 2.39 -1.46	26.36 2.35 0.00	22.88 1.95 0.00	20.98 1.64 0.00
FORT ORANGE____ 23900	39.83 0.51 0.00	36.94 0.72 0.00	32.96 0.92 0.00	23.69 0.69 -0.37	22.53 0.52 0.00	22.64 0.52 0.00	23.04 0.45 0.00	23.76 0.42 0.00	24.22 0.42 0.00	25.28 0.47 0.00	27.07 0.42 0.00	31.69 0.58 0.00	38.87 0.80 -0.07	48.40 0.69 -23.86	38.78 0.64 -14.44	39.01 0.36 -24.42	57.65 0.34 -44.08	47.87 0.58 -24.78	42.68 0.63 -16.58	29.32 0.59 -4.06	25.34 0.60 -1.28	25.11 0.59 -0.51	25.03 0.54 -3.56	19.97 0.64 0.00
FORT_DRUM_COGEN 23780	40.63 1.31 0.00	37.50 1.28 0.00	32.94 0.90 0.00	23.12 0.49 0.00	22.78 0.77 0.00	22.92 0.80 0.00	23.59 1.00 0.00	24.33 1.00 0.00	25.00 1.16 -0.04	26.48 1.20 -0.48	28.65 1.36 -0.63	34.70 1.71 -1.87	42.73 1.78 -2.95	26.16 0.49 -1.81	24.86 0.26 -0.89	15.57 0.42 -0.92	15.02 0.41 -1.37	23.63 0.44 -0.67	26.12 0.20 -0.45	25.38 0.47 -0.23	24.30 0.70 -0.14	24.83 0.74 -0.07	21.58 0.61 -0.04	19.80 0.46 0.00
FPL_FAR_ROCK_GT1 24212	42.89 3.57 0.00	46.70 3.37 -7.11	39.20 3.09 -4.06	26.54 2.06 -1.85	23.96 1.94 0.00	23.99 1.87 0.00	24.56 1.96 0.00	25.62 2.29 0.00	26.29 2.50 0.00	28.04 2.68 -0.55	40.88 2.98 -11.24	41.67 3.61 -6.95	42.16 4.11 -0.05	46.16 2.80 -19.51	41.92 2.77 -15.44	37.69 1.74 -21.73	59.89 1.59 -45.06	61.78 2.73 -36.53	67.67 3.22 -38.98	85.30 3.03 -57.60	337.95 2.86 -311.64	199.18 2.87 -172.30	59.27 2.47 -35.87	51.18 2.09 -29.76
FPL_FAR_ROCK_GT2 23815	42.89 3.57 0.00	46.70 3.37 -7.11	39.20 3.09 -4.06	26.54 2.06 -1.85	23.96 1.94 0.00	23.99 1.87 0.00	24.56 1.96 0.00	25.62 2.29 0.00	26.29 2.50 0.00	28.04 2.68 -0.55	40.88 2.98 -11.24	41.67 3.61 -6.95	42.16 4.11 -0.05	46.16 2.80 -19.51	41.92 2.77 -15.44	37.69 1.74 -21.73	59.89 1.59 -45.06	61.78 2.73 -36.53	67.67 3.22 -38.98	85.30 3.03 -57.60	337.95 2.86 -311.64	199.18 2.87 -172.30	59.27 2.47 -35.87	51.18 2.09 -29.76
FRANKLIN_FALL_HYD 24054	38.72 -0.60 0.00	35.92 -0.30 0.00	31.87 -0.18 0.00	22.52 -0.11 0.00	21.98 -0.04 0.00	22.18 0.06 0.00	22.70 0.11 0.00	23.31 -0.02 0.00	23.82 0.02 0.00	24.82 0.01 0.00	26.56 -0.10 0.00	30.85 -0.26 0.00	37.72 -0.27 0.00	23.54 -0.31 0.00	23.51 -0.20 0.00	14.08 -0.14 0.00	13.16 -0.08 0.00	22.44 -0.08 0.00	25.28 -0.19 0.00	24.43 -0.24 0.00	23.40 -0.07 0.00	24.01 0.00 0.00	21.14 0.21 0.00	19.54 0.20 0.00
FREEPORT_EQUS_GT1 23764	42.54 3.22 0.00	46.47 3.14 -7.11	38.98 2.87 -4.06	26.38 1.90 -1.85	23.80 1.79 0.00	23.84 1.72 0.00	24.31 1.72 0.00	25.35 2.01 0.00	26.00 2.21 0.00	27.71 2.36 -0.55	40.55 2.66 -11.24	41.40 3.33 -6.95	41.93 3.88 -0.05	45.81 2.45 -19.51	41.72 2.57 -15.44	37.63 1.67 -21.73	59.79 1.50 -45.06	61.59 2.54 -36.53	67.47 3.02 -38.98	85.18 2.91 -57.60	337.90 2.81 -311.64	199.15 2.84 -172.30	59.23 2.43 -35.87	51.17 2.07 -29.76
FREEPORT___CT2 23818	42.54 3.22 0.00	46.47 3.14 -7.11	38.98 2.87 -4.06	26.38 1.90 -1.85	23.80 1.79 0.00	23.84 1.72 0.00	24.31 1.72 0.00	25.35 2.01 0.00	26.00 2.21 0.00	27.71 2.36 -0.55	40.55 2.66 -11.24	41.40 3.33 -6.95	41.93 3.88 -0.05	45.81 2.45 -19.51	41.72 2.57 -15.44	37.63 1.67 -21.73	59.79 1.50 -45.06	61.59 2.54 -36.53	67.47 3.02 -38.98	85.18 2.91 -57.60	337.90 2.81 -311.64	199.15 2.84 -172.30	59.23 2.43 -35.87	51.17 2.07 -29.76
FRESHKLS_33_KV_LOAD 356253	37.19 2.41 4.54	36.04 2.36 2.54	33.54 2.24 0.75	26.13 1.64 -1.87	23.59 1.57 0.00	23.66 1.54 0.00	24.10 1.51 0.00	25.14 1.81 0.00	25.75 1.96 0.00	26.93 2.13 0.00	28.88 2.22 0.00	32.75 2.68 1.04	31.98 3.28 9.29	34.33 2.22 -8.27	32.49 2.15 -6.62	35.57 1.42 -19.93	58.92 1.31 -44.38	55.02 2.16 -30.34	32.77 2.48 -4.82	32.72 2.37 -5.67	27.30 2.34 -1.49	28.07 2.30 -1.76	28.98 1.98 -6.07	27.52 1.72 -6.46
FULTON COGEN____ 23766	39.03 -0.29 0.00	35.94 -0.29 0.00	31.69 -0.36 0.00	22.29 -0.34 0.00	21.67 -0.34 0.00	21.76 -0.36 0.00	22.26 -0.33 0.00	23.07 -0.26 0.00	23.64 -0.25 -0.10	25.62 -0.26 -1.08	27.84 -0.25 -1.43	35.05 -0.29 -4.23	44.24 -0.42 -6.67	27.08 -0.25 -3.48	24.97 -0.38 -1.64	15.46 -0.20 -1.43	15.16 -0.21 -2.14	23.34 -0.41 -1.23	25.81 -0.47 -0.81	24.75 -0.43 -0.51	23.30 -0.45 -0.29	23.72 -0.46 -0.16	20.59 -0.43 -0.09	18.90 -0.44 0.00

FULTON___LFGE 323630	44.68 5.36 0.00	40.91 4.69 0.00	35.99 3.95 0.00	25.57 2.65 -0.30	24.63 2.61 0.00	24.75 2.63 0.00	25.26 2.67 0.00	26.06 2.72 0.00	26.27 2.47 0.00	26.96 2.15 0.00	29.80 3.15 0.00	34.59 3.48 0.00	42.56 4.49 -0.08	55.90 3.86 -28.19	44.80 4.03 -17.06	45.42 2.28 -28.91	64.21 2.06 -48.92	48.97 3.04 -23.41	44.77 3.51 -15.79	31.29 3.35 -3.27	27.90 3.10 -1.34	27.49 3.07 -0.40	26.34 2.59 -2.82	21.58 2.24 0.00
G.F.CEMENT___DRP 24184	42.07 2.75 0.00	38.78 2.55 0.00	34.40 2.35 0.00	24.68 1.68 -0.37	23.65 1.64 0.00	23.76 1.64 0.00	24.12 1.53 0.00	24.90 1.57 0.00	25.40 1.60 0.00	26.59 1.78 0.00	28.46 1.81 0.00	33.43 2.31 0.00	41.03 2.97 -0.07	50.77 2.04 -24.87	40.69 1.93 -15.05	40.81 1.11 -25.47	59.40 1.00 -45.17	48.53 1.63 -24.38	43.69 1.87 -16.35	30.39 1.78 -3.93	26.56 1.81 -1.29	26.36 1.84 -0.51	25.96 1.49 -3.54	20.66 1.32 0.00
GARDENVILLE___LBMP 24039	40.29 0.98 0.00	36.64 0.42 0.00	32.01 -0.03 0.00	22.48 -0.15 0.00	22.20 0.19 0.00	22.30 0.18 0.00	22.90 0.31 0.00	23.59 0.25 0.00	24.08 0.28 0.00	24.84 0.03 0.00	26.95 0.29 0.00	31.21 0.10 0.00	37.54 -0.47 -0.01	26.46 -0.18 -2.78	24.45 -0.73 -1.47	10.84 -0.44 2.94	15.69 -0.56 -3.02	22.19 -0.70 -0.38	25.19 -0.58 -0.31	24.07 -0.49 0.12	22.75 -0.79 -0.08	23.35 -0.66 0.00	20.45 -0.48 0.00	18.84 -0.50 0.00
GARDNVLA_35_KV_LD 355827	40.53 1.21 0.00	36.85 0.63 0.00	32.19 0.14 0.00	22.60 -0.03 0.00	22.32 0.30 0.00	22.41 0.29 0.00	23.02 0.43 0.00	23.70 0.37 0.00	24.20 0.40 0.00	24.97 0.16 0.00	27.10 0.44 0.00	31.39 0.28 0.00	37.77 -0.23 -0.01	26.62 -0.03 -2.80	24.65 -0.59 -1.52	12.04 -0.37 1.80	15.95 -0.49 -3.20	22.32 -0.58 -0.38	25.33 -0.45 -0.31	24.18 -0.37 0.12	22.85 -0.69 -0.08	23.46 -0.56 0.00	20.54 -0.39 0.00	18.91 -0.43 0.00
GELCKHM___115KV_LOAD 80723	39.26 -0.06 0.00	36.13 -0.09 0.00	31.86 -0.19 0.00	22.42 -0.21 0.00	21.81 -0.20 0.00	21.90 -0.22 0.00	22.40 -0.19 0.00	23.19 -0.14 0.00	23.72 -0.11 -0.03	25.09 -0.11 -0.40	27.10 -0.08 -0.52	32.57 -0.09 -1.55	40.29 -0.16 -2.45	26.11 -0.07 -2.33	24.73 -0.22 -1.24	15.76 -0.10 -1.63	15.56 -0.12 -2.44	23.22 -0.25 -0.95	25.84 -0.27 -0.64	24.62 -0.25 -0.20	23.30 -0.31 -0.14	23.75 -0.32 -0.06	20.65 -0.32 -0.03	19.01 -0.33 0.00
GENERAL___MILLS 23808	40.41 1.09 0.00	36.75 0.53 0.00	32.11 0.06 0.00	22.55 -0.08 0.00	22.27 0.25 0.00	22.36 0.24 0.00	22.97 0.37 0.00	23.65 0.31 0.00	24.15 0.36 0.00	24.91 0.10 0.00	27.02 0.36 0.00	31.30 0.19 0.00	37.66 -0.35 -0.01	26.54 -0.11 -2.80	24.57 -0.66 -1.51	11.71 -0.40 2.11	15.87 -0.52 -3.15	22.26 -0.64 -0.38	25.26 -0.51 -0.31	24.13 -0.43 0.12	22.80 -0.74 -0.08	23.40 -0.61 0.00	20.50 -0.43 0.00	18.88 -0.46 0.00
GE_PLASTICS___DRP 24183	39.77 0.45 0.00	37.02 0.79 0.00	33.02 0.98 0.00	23.71 0.72 -0.37	22.61 0.59 0.00	22.71 0.59 0.00	23.13 0.54 0.00	23.88 0.55 0.00	24.35 0.55 0.00	25.37 0.57 0.00	27.08 0.42 0.00	31.64 0.53 0.00	38.81 0.75 -0.07	48.35 0.63 -23.87	38.74 0.59 -14.44	39.00 0.35 -24.43	57.52 0.32 -43.97	47.61 0.53 -24.55	42.52 0.61 -16.44	29.26 0.59 -4.00	25.31 0.57 -1.27	25.09 0.57 -0.51	25.07 0.58 -3.55	19.95 0.61 0.00
GILBOA___1 23756	40.43 1.11 0.00	37.30 1.08 0.00	33.18 1.14 0.00	23.42 0.79 0.00	22.77 0.75 0.00	22.86 0.75 0.00	23.31 0.72 0.00	24.14 0.80 0.00	24.55 0.76 0.00	25.62 0.81 0.00	27.54 0.89 0.00	32.28 1.17 0.00	39.54 1.49 -0.05	43.12 1.01 -18.26	35.71 0.94 -11.05	33.48 0.56 -18.70	46.50 0.50 -32.77	40.58 0.88 -17.18	38.08 1.07 -11.53	28.27 1.07 -2.53	25.39 1.00 -0.93	25.00 0.99 0.00	21.76 0.82 0.00	20.04 0.70 0.00
GILBOA___2 23757	40.43 1.11 0.00	37.30 1.08 0.00	33.18 1.14 0.00	23.42 0.79 0.00	22.77 0.75 0.00	22.86 0.75 0.00	23.31 0.72 0.00	24.14 0.80 0.00	24.55 0.76 0.00	25.62 0.81 0.00	27.54 0.89 0.00	32.28 1.17 0.00	39.54 1.49 -0.05	43.12 1.01 -18.26	35.71 0.94 -11.05	33.48 0.56 -18.70	46.50 0.50 -32.77	40.58 0.88 -17.18	38.08 1.07 -11.53	28.27 1.07 -2.53	25.39 1.00 -0.93	25.00 0.99 0.00	21.76 0.82 0.00	20.04 0.70 0.00
GILBOA___3 23758	40.43 1.11 0.00	37.30 1.08 0.00	33.18 1.14 0.00	23.42 0.79 0.00	22.77 0.75 0.00	22.86 0.75 0.00	23.31 0.72 0.00	24.14 0.80 0.00	24.55 0.76 0.00	25.62 0.81 0.00	27.54 0.89 0.00	32.28 1.17 0.00	39.54 1.49 -0.05	43.12 1.01 -18.26	35.71 0.94 -11.05	33.48 0.56 -18.70	46.50 0.50 -32.77	40.58 0.88 -17.18	38.08 1.07 -11.53	28.27 1.07 -2.53	25.39 1.00 -0.93	25.00 0.99 0.00	21.76 0.82 0.00	20.04 0.70 0.00
GILBOA___4 23759	40.43 1.11 0.00	37.30 1.08 0.00	33.18 1.14 0.00	23.42 0.79 0.00	22.77 0.75 0.00	22.86 0.75 0.00	23.31 0.72 0.00	24.14 0.80 0.00	24.55 0.76 0.00	25.62 0.81 0.00	27.54 0.89 0.00	32.28 1.17 0.00	39.54 1.49 -0.05	43.12 1.01 -18.26	35.71 0.94 -11.05	33.48 0.56 -18.70	46.50 0.50 -32.77	40.58 0.88 -17.18	38.08 1.07 -11.53	28.27 1.07 -2.53	25.39 1.00 -0.93	25.00 0.99 0.00	21.76 0.82 0.00	20.04 0.70 0.00
GILBOA___ 23599	40.43 1.11 0.00	37.30 1.08 0.00	33.18 1.14 0.00	23.42 0.79 0.00	22.77 0.75 0.00	22.86 0.75 0.00	23.31 0.73 0.00	24.14 0.80 0.00	24.55 0.75 0.00	25.62 0.82 0.00	27.54 0.89 0.00	32.27 1.16 0.00	39.53 1.48 -0.05	43.12 1.01 -18.26	35.71 0.94 -11.05	33.48 0.56 -18.70	46.50 0.50 -32.77	40.57 0.87 -17.18	38.08 1.07 -11.53	28.27 1.07 -2.53	25.39 1.00 -0.93	25.00 0.99 0.00	21.76 0.82 0.00	20.04 0.70 0.00
GINNA___ 23603	38.44 -0.87 0.00	35.17 -1.05 0.00	30.86 -1.19 0.00	21.69 -0.94 0.00	21.21 -0.81 0.00	21.30 -0.81 0.00	21.84 -0.75 0.00	22.55 -0.78 0.00	23.08 -0.72 0.00	23.93 -0.88 0.00	25.85 -0.81 0.00	30.04 -1.07 0.00	36.38 -1.62 -0.01	24.92 -0.93 -1.99	23.67 -1.25 -1.21	15.53 -0.79 -2.09	15.59 -0.77 -3.13	22.23 -1.24 -0.95	24.80 -1.33 -0.66	23.45 -1.26 -0.03	22.15 -1.39 -0.08	22.62 -1.39 0.00	19.70 -1.23 0.00	18.16 -1.18 0.00
GLEN PARK___ 23778	40.98 1.66 0.00	37.78 1.56 0.00	33.18 1.14 0.00	23.28 0.65 0.00	22.93 0.92 0.00	23.07 0.95 0.00	23.74 1.16 0.00	24.49 1.16 0.00	25.18 1.34 -0.05	26.70 1.39 -0.50	28.92 1.60 -0.67	35.05 1.97 -1.97	43.20 2.10 -3.10	26.44 0.70 -1.89	25.08 0.44 -0.93	15.70 0.53 -0.95	15.15 0.50 -1.42	23.82 0.60 -0.70	26.33 0.39 -0.46	25.57 0.66 -0.24	24.46 0.86 -0.14	24.99 0.90 -0.08	21.71 0.73 -0.04	19.90 0.56 0.00
GLENDALE_27_KV_LOAD 356172	42.08 2.77 0.00	38.91 2.69 0.00	34.51 2.46 0.00	26.25 1.76 -1.87	23.70 1.68 0.00	23.78 1.67 0.00	24.23 1.64 0.00	25.30 1.97 0.00	25.91 2.11 0.00	27.09 2.28 0.00	29.03 2.38 0.00	34.01 2.89 0.00	41.71 3.66 -0.05	45.80 2.45 -19.50	37.89 2.38 -11.80	35.65 1.49 -19.93	59.00 1.38 -44.38	60.32 2.35 -35.45	51.58 2.70 -23.41	37.27 2.58 -10.02	27.39 2.44 -1.49	29.05 2.49 -2.55	40.86 2.17 -17.75	21.21 1.87 0.00

GLENWOOD_IC_1_G5 23712	42.07 2.76 0.00	46.20 2.87 -7.11	38.71 2.60 -4.06	26.25 1.77 -1.85	23.69 1.68 0.00	23.75 1.63 0.00	24.22 1.63 0.00	25.25 1.91 0.00	25.85 2.05 0.00	27.42 2.07 -0.55	40.26 2.37 -11.24	40.99 2.93 -6.95	41.59 3.54 -0.05	45.75 2.39 -19.51	41.59 2.44 -15.44	37.50 1.54 -21.73	59.70 1.41 -45.06	61.47 2.42 -36.53	67.26 2.82 -38.97	84.91 2.63 -57.60	337.55 2.45 -311.64	198.77 2.46 -172.30	58.92 2.12 -35.87	50.91 1.81 -29.76
GLENWOOD_IC_2_G1 23688	42.02 2.70 0.00	45.95 2.62 -7.11	38.50 2.40 -4.06	26.12 1.64 -1.85	23.57 1.56 0.00	23.63 1.52 0.00	24.10 1.51 0.00	25.12 1.78 0.00	25.72 1.92 0.00	27.41 2.06 -0.55	40.19 2.29 -11.24	40.90 2.84 -6.95	41.51 3.46 -0.05	45.69 2.33 -19.51	41.50 2.35 -15.44	37.44 1.48 -21.73	59.65 1.36 -45.06	61.37 2.32 -36.53	67.16 2.71 -38.98	84.81 2.54 -57.60	337.48 2.39 -311.64	198.71 2.40 -172.30	58.87 2.07 -35.87	50.86 1.76 -29.76
GLENWOOD_IC_3_G1 23689	42.02 2.70 0.00	45.95 2.62 -7.11	38.50 2.40 -4.06	26.12 1.64 -1.85	23.57 1.56 0.00	23.63 1.52 0.00	24.10 1.51 0.00	25.12 1.78 0.00	25.72 1.92 0.00	27.41 2.06 -0.55	40.19 2.29 -11.24	40.90 2.84 -6.95	41.51 3.46 -0.05	45.69 2.33 -19.51	41.50 2.35 -15.44	37.44 1.48 -21.73	59.65 1.36 -45.06	61.37 2.32 -36.53	67.16 2.71 -38.98	84.81 2.54 -57.60	337.48 2.39 -311.64	198.71 2.40 -172.30	58.87 2.07 -35.87	50.86 1.76 -29.76
GLENWOOD___4 23550	42.16 2.84 0.00	46.20 2.87 -7.11	38.71 2.60 -4.06	26.25 1.77 -1.85	23.69 1.68 0.00	23.75 1.63 0.00	24.22 1.63 0.00	25.25 1.91 0.00	25.86 2.06 0.00	27.49 2.14 -0.55	40.33 2.44 -11.24	41.07 3.00 -6.95	41.68 3.63 -0.05	45.81 2.45 -19.51	41.65 2.50 -15.44	37.53 1.58 -21.73	59.73 1.44 -45.06	61.53 2.47 -36.53	67.32 2.88 -38.97	84.97 2.70 -57.60	337.61 2.51 -311.64	198.84 2.53 -172.30	58.97 2.17 -35.87	50.95 1.86 -29.76
GLENWOOD___5 23614	42.16 2.84 0.00	46.20 2.87 -7.11	38.71 2.60 -4.06	26.25 1.77 -1.85	23.69 1.68 0.00	23.75 1.63 0.00	24.22 1.63 0.00	25.25 1.91 0.00	25.86 2.06 0.00	27.49 2.14 -0.55	40.33 2.44 -11.24	41.07 3.00 -6.95	41.68 3.63 -0.05	45.81 2.45 -19.51	41.65 2.50 -15.44	37.53 1.58 -21.73	59.73 1.44 -45.06	61.53 2.47 -36.53	67.32 2.88 -38.97	84.97 2.70 -57.60	337.61 2.51 -311.64	198.84 2.53 -172.30	58.97 2.17 -35.87	50.95 1.86 -29.76
GLOBAL GREEN_PORT_GT1 23814	44.32 5.01 0.00	48.29 4.96 -7.11	41.13 5.02 -4.07	27.71 3.23 -1.85	25.07 3.06 0.00	25.16 3.04 0.00	25.54 2.95 0.00	26.59 3.26 0.00	27.31 3.52 0.00	29.17 3.81 -0.55	41.51 3.61 -11.24	43.03 4.97 -6.95	44.11 6.05 -0.06	47.28 3.91 -19.51	43.13 3.98 -15.44	38.50 2.54 -21.73	112.82 2.32 -97.27	126.50 4.01 -99.98	192.48 4.73 -162.28	153.03 4.46 -123.89	338.84 3.74 -311.64	200.08 3.77 -172.30	82.34 4.17 -57.24	52.45 3.35 -29.76
GLOBE___DSASP 323697	39.18 -0.14 0.00	35.69 -0.53 0.00	31.21 -0.84 0.00	21.94 -0.69 0.00	21.65 -0.36 0.00	21.73 -0.38 0.00	22.35 -0.24 0.00	22.92 -0.42 0.00	23.41 -0.39 0.00	24.02 -0.78 0.00	26.06 -0.60 0.00	30.01 -1.10 0.00	35.84 -2.16 -0.01	25.27 -1.16 -2.57	23.54 -1.59 -1.42	12.19 -0.86 1.17	15.22 -1.03 -3.02	21.35 -1.52 -0.36	24.19 -1.57 -0.29	23.17 -1.40 0.11	21.88 -1.65 -0.07	22.47 -1.54 0.00	19.68 -1.25 0.00	18.19 -1.15 0.00
GOETHSLN___LBMP 323567	37.19 2.24 4.37	36.01 2.18 2.39	33.30 2.01 0.76	25.60 1.46 -1.51	23.42 1.41 0.00	23.50 1.38 0.00	23.96 1.37 0.00	24.99 1.65 0.00	25.57 1.78 0.00	26.74 1.93 0.00	28.62 1.97 0.00	32.55 2.48 1.04	32.60 3.17 8.58	34.29 2.16 -8.28	32.44 2.10 -6.62	35.49 1.34 -19.93	58.85 1.24 -44.38	54.95 2.09 -30.34	32.72 2.42 -4.83	32.65 2.30 -5.68	27.11 2.16 -1.49	27.71 2.19 -1.51	28.92 1.92 -6.08	20.96 1.62 0.00
GOLAH___69_KV_TB 1_2 80279	40.75 1.43 0.00	37.16 0.94 0.00	32.53 0.48 0.00	22.86 0.23 0.00	22.41 0.40 0.00	22.51 0.39 0.00	23.13 0.54 0.00	23.81 0.48 0.00	24.35 0.55 0.00	25.20 0.40 0.00	27.27 0.61 0.00	31.64 0.53 0.00	38.20 0.20 -0.01	26.17 0.22 -2.09	24.80 -0.18 -1.27	16.28 -0.14 -2.20	16.32 -0.20 -3.29	23.27 -0.24 -1.00	26.03 -0.13 -0.69	24.62 -0.09 -0.04	23.20 -0.34 -0.08	23.74 -0.27 0.00	20.73 -0.20 0.00	19.09 -0.24 0.00
GOODYEAR_LAKE_HYD 323669	41.40 2.08 0.00	37.87 1.64 0.00	33.44 1.39 0.00	23.53 0.90 0.00	22.94 0.92 0.00	23.05 0.94 0.00	23.59 1.00 0.00	24.49 1.15 0.00	25.01 1.20 -0.01	26.18 1.28 -0.09	28.24 1.46 -0.12	33.21 1.75 -0.36	40.68 2.11 -0.57	28.57 1.33 -3.39	26.96 1.24 -2.01	18.46 0.74 -3.49	19.11 0.66 -5.22	25.20 1.10 -1.58	27.89 1.32 -1.10	26.06 1.33 -0.06	24.73 1.15 -0.13	25.12 1.11 0.00	21.86 0.93 0.00	20.10 0.76 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.08 0.76 0.00	36.68 0.46 0.00	32.37 0.32 0.00	22.79 0.16 0.00	22.30 0.28 0.00	22.41 0.29 0.00	22.92 0.33 0.00	23.82 0.48 0.00	24.26 0.44 -0.02	25.48 0.45 -0.23	27.56 0.60 -0.30	32.73 0.74 -0.88	40.30 0.89 -1.41	30.13 0.59 -5.68	27.40 0.35 -3.34	20.02 0.26 -5.54	20.62 0.16 -7.22	23.54 0.31 -0.71	26.47 0.42 -0.57	24.95 0.42 0.14	23.92 0.27 -0.19	24.31 0.27 -0.03	21.16 0.21 -0.02	19.42 0.08 0.00
GOUDEY___7 23579	40.12 0.80 0.00	36.72 0.50 0.00	32.40 0.35 0.00	22.81 0.18 0.00	22.32 0.30 0.00	22.43 0.32 0.00	22.95 0.36 0.00	23.84 0.50 0.00	24.29 0.47 -0.02	25.51 0.48 -0.23	27.59 0.63 -0.30	32.78 0.79 -0.88	40.35 0.94 -1.41	30.16 0.62 -5.68	27.43 0.38 -3.34	20.03 0.28 -5.54	20.63 0.18 -7.22	23.57 0.34 -0.71	26.50 0.45 -0.57	24.97 0.44 0.14	23.95 0.29 -0.19	24.34 0.29 -0.03	21.18 0.23 -0.02	19.44 0.10 0.00
GOUDEY___8 23580	40.08 0.76 0.00	36.68 0.46 0.00	32.37 0.32 0.00	22.79 0.16 0.00	22.30 0.28 0.00	22.41 0.29 0.00	22.92 0.33 0.00	23.82 0.48 0.00	24.26 0.44 -0.02	25.48 0.45 -0.23	27.56 0.60 -0.30	32.73 0.74 -0.88	40.30 0.89 -1.41	30.13 0.59 -5.68	27.40 0.35 -3.34	20.02 0.26 -5.54	20.62 0.16 -7.22	23.54 0.31 -0.71	26.47 0.42 -0.57	24.95 0.42 0.14	23.92 0.27 -0.19	24.31 0.27 -0.03	21.16 0.21 -0.02	19.42 0.08 0.00
GOWANUS_GT1_1 24077	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT1_2 24078	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52

GOWANUS_GT1_3 24079	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT1_4 24080	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT1_5 24084	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT1_6 24111	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT1_7 24112	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT1_8 24113	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT2_1 24114	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT2_2 24115	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT2_3 24116	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT2_4 24117	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT2_5 24118	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT2_6 24119	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT2_7 24120	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT2_8 24121	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT3_1 24122	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52

GOWANUS_GT3_2 24123	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT3_3 24124	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT3_4 24125	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT3_5 24126	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT3_6 24127	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT3_7 24128	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT3_8 24129	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT4_1 24130	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT4_2 24131	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT4_3 24132	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT4_4 24133	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT4_5 24134	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT4_6 24135	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT4_7 24136	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GOWANUS_GT4_8 24137	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52

GREENBSH_115KV_TB3 55895	39.80 0.48 0.00	36.92 0.69 0.00	32.96 0.91 0.00	23.70 0.69 -0.39	22.53 0.52 0.00	22.64 0.52 0.00	23.04 0.44 0.00	23.76 0.42 0.00	24.23 0.43 0.00	25.28 0.47 0.00	27.07 0.41 0.00	31.71 0.60 0.00	38.89 0.83 -0.07	48.55 0.70 -23.99	38.87 0.64 -14.51	39.16 0.38 -24.56	57.79 0.34 -44.21	47.79 0.56 -24.72	42.64 0.62 -16.55	29.36 0.60 -4.09	25.34 0.59 -1.28	25.12 0.58 -0.53	25.14 0.54 -3.67	19.87 0.53 0.00
GREENDGE_115KV_TB5 80291	40.42 1.10 0.00	36.92 0.70 0.00	32.41 0.36 0.00	22.87 0.24 0.00	22.49 0.47 0.00	22.62 0.50 0.00	23.15 0.55 0.00	24.01 0.68 0.00	24.46 0.64 -0.02	25.56 0.57 -0.18	27.57 0.67 -0.24	32.63 0.80 -0.72	40.03 0.89 -1.14	28.12 0.65 -3.62	26.35 0.26 -2.37	25.01 0.16 -10.63	18.84 0.09 -5.52	23.21 0.18 -0.51	26.08 0.21 -0.40	24.85 0.24 0.06	23.78 0.19 -0.13	24.15 0.10 -0.03	21.00 0.06 -0.02	19.40 0.06 0.00
GREENIDGE___3 23582	40.42 1.10 0.00	36.92 0.70 0.00	32.41 0.36 0.00	22.87 0.24 0.00	22.49 0.47 0.00	22.62 0.50 0.00	23.15 0.55 0.00	24.01 0.68 0.00	24.46 0.64 -0.02	25.56 0.57 -0.18	27.57 0.67 -0.24	32.63 0.80 -0.72	40.03 0.89 -1.14	28.12 0.65 -3.62	26.35 0.26 -2.37	25.01 0.16 -10.63	18.84 0.09 -5.52	23.21 0.18 -0.51	26.08 0.21 -0.40	24.85 0.24 0.06	23.78 0.19 -0.13	24.15 0.10 -0.03	21.00 0.06 -0.02	19.40 0.06 0.00
GREENIDGE___4 23583	40.42 1.10 0.00	36.92 0.70 0.00	32.41 0.36 0.00	22.87 0.24 0.00	22.48 0.47 0.00	22.62 0.50 0.00	23.14 0.55 0.00	24.01 0.68 0.00	24.45 0.64 -0.02	25.57 0.58 -0.18	27.57 0.67 -0.24	32.63 0.80 -0.72	40.03 0.89 -1.14	28.12 0.65 -3.62	26.35 0.26 -2.37	25.02 0.16 -10.64	18.84 0.09 -5.51	23.20 0.18 -0.51	26.06 0.19 -0.40	24.85 0.24 0.06	23.78 0.19 -0.13	24.14 0.10 -0.03	21.00 0.06 -0.02	19.40 0.06 0.00
GREENLWN_69_KV_BK 3 55738	42.37 3.06 0.00	46.24 2.91 -7.11	38.77 2.66 -4.06	26.20 1.72 -1.85	23.65 1.63 0.00	23.69 1.57 0.00	24.14 1.55 0.00	25.14 1.80 0.00	25.78 1.98 0.00	27.47 2.12 -0.55	40.47 2.58 -11.24	41.23 3.16 -6.95	41.43 3.38 -0.05	45.61 2.26 -19.50	41.54 2.39 -15.44	37.49 1.53 -21.73	48.12 1.37 -33.52	35.07 2.34 -10.22	39.11 2.81 -10.83	66.44 2.55 -39.22	337.42 2.32 -311.64	198.67 2.36 -172.30	58.13 2.28 -34.92	51.11 2.02 -29.76
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.51 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
GRISSOM___SOLAR 323813	44.68 5.36 0.00	40.91 4.69 0.00	35.99 3.95 0.00	25.57 2.65 -0.30	24.63 2.61 0.00	24.75 2.63 0.00	25.26 2.67 0.00	26.06 2.72 0.00	26.27 2.47 0.00	26.96 2.15 0.00	29.80 3.15 0.00	34.59 3.48 0.00	42.56 4.49 -0.08	55.90 3.86 -28.19	44.80 4.03 -17.06	45.42 2.28 -28.91	64.21 2.06 -48.92	48.97 3.04 -23.41	44.77 3.51 -15.79	31.29 3.35 -3.27	27.90 3.10 -1.34	27.49 3.07 -0.40	26.34 2.59 -2.82	21.58 2.24 0.00
GROVEVILLE___HYD 323602	42.13 2.82 0.00	38.87 2.65 0.00	34.41 2.37 0.00	24.27 1.64 0.00	23.59 1.57 0.00	23.67 1.55 0.00	24.15 1.56 0.00	25.13 1.80 0.00	25.71 1.92 0.00	26.89 2.09 0.00	28.93 2.27 0.00	33.96 2.84 0.00	41.65 3.60 -0.05	45.84 2.45 -19.53	37.96 2.43 -11.82	35.69 1.51 -19.96	58.44 1.43 -43.79	59.32 2.47 -34.33	50.96 2.63 -22.69	32.93 2.60 -5.66	27.31 2.39 -1.46	26.36 2.35 0.00	22.88 1.95 0.00	20.98 1.64 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.54 0.21 0.00	36.42 0.20 0.00	32.11 0.06 0.00	22.59 -0.04 0.00	21.99 -0.03 0.00	22.08 -0.04 0.00	22.59 0.00 0.00	23.39 0.05 0.00	23.95 0.10 -0.05	25.52 0.11 -0.60	27.59 0.14 -0.80	33.65 0.18 -2.36	41.91 0.20 -3.72	26.90 0.14 -2.90	25.20 0.00 -1.50	16.06 0.02 -1.81	15.94 0.00 -2.71	23.60 -0.06 -1.14	26.18 -0.06 -0.77	24.92 -0.05 -0.30	23.55 -0.11 -0.20	23.97 -0.13 -0.09	20.82 -0.16 -0.05	19.15 -0.18 0.00
HAMLTNNY_34_KV_TB 80303	39.78 0.47 0.00	36.58 0.36 0.00	32.24 0.19 0.00	22.68 0.05 0.00	22.09 0.07 0.00	22.18 0.06 0.00	22.70 0.10 0.00	23.48 0.14 0.00	24.06 0.21 -0.06	25.64 0.21 -0.62	27.72 0.24 -0.82	33.86 0.32 -2.43	42.19 0.36 -3.83	27.15 0.25 -3.05	25.37 0.08 -1.58	16.22 0.07 -1.93	16.15 0.04 -2.88	23.72 0.00 -1.20	26.31 0.03 -0.81	25.01 0.03 -0.31	23.62 -0.05 -0.20	24.04 -0.07 -0.09	20.86 -0.12 -0.05	19.20 -0.14 0.00
HAMPSHIRE___PAPER_HYD 323593	39.29 -0.03 0.00	36.33 0.10 0.00	32.00 -0.05 0.00	22.57 -0.05 0.00	22.19 0.18 0.00	22.38 0.26 0.00	23.01 0.42 0.00	23.65 0.31 0.00	24.27 0.46 -0.02	25.47 0.46 -0.20	27.36 0.44 -0.26	32.51 0.62 -0.78	39.81 0.59 -1.23	24.67 -0.03 -0.85	24.07 -0.07 -0.43	14.79 0.09 -0.48	14.08 0.13 -0.72	22.94 0.10 -0.33	25.52 -0.16 -0.22	24.79 0.03 -0.10	23.73 0.20 -0.06	24.28 0.24 -0.03	21.21 0.26 -0.02	19.56 0.22 0.00
HARDSCRABBLE_WT_PWR 323673	40.03 0.71 0.00	36.92 0.70 0.00	32.74 0.70 0.00	23.09 0.46 0.00	22.37 0.36 0.00	22.54 0.42 0.00	22.96 0.37 0.00	23.72 0.39 0.00	24.15 0.35 0.00	25.18 0.37 0.00	27.11 0.45 0.00	31.81 0.70 0.00	39.16 1.16 0.00	24.82 0.97 0.00	24.63 0.92 0.00	14.74 0.51 0.00	13.54 0.31 0.00	22.88 0.37 0.00	26.02 0.55 0.00	25.23 0.56 0.00	23.97 0.50 0.00	24.33 0.32 0.00	21.19 0.26 0.00	19.50 0.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.85 2.54 0.00	38.61 2.39 0.00	34.15 2.11 0.00	21.92 1.46 2.17	23.40 1.39 0.00	23.48 1.37 0.00	23.96 1.37 0.00	24.96 1.63 0.00	25.54 1.74 0.00	26.73 1.92 0.00	28.76 2.10 0.00	33.76 2.65 0.00	41.41 3.37 -0.05	44.31 2.31 -18.15	36.96 2.26 -10.98	34.18 1.42 -18.54	60.15 1.34 -45.58	65.58 2.30 -40.77	54.92 2.62 -26.83	27.39 2.41 -0.31	27.27 2.19 -1.61	23.22 2.16 2.95	2.18 1.80 20.55	20.84 1.50 0.00
HARSNRAD_115KV_TB1 81005	39.57 0.25 0.00	36.01 -0.22 0.00	31.47 -0.58 0.00	22.11 -0.51 0.00	21.82 -0.19 0.00	21.90 -0.21 0.00	22.50 -0.09 0.00	23.10 -0.24 0.00	23.61 -0.19 0.00	24.27 -0.54 0.00	26.32 -0.33 0.00	30.42 -0.69 0.00	36.49 -1.51 -0.01	25.60 -0.78 -2.53	23.85 -1.26 -1.39	12.26 -0.73 1.23	15.33 -0.86 -2.96	21.63 -1.24 -0.35	24.54 -1.22 -0.28	23.50 -1.07 0.10	22.18 -1.35 -0.07	22.78 -1.23 0.00	20.06 -0.87 0.00	18.53 -0.80 0.00
HARZA MOOSE___RIVER 24016	40.36 1.04 0.00	37.27 1.04 0.00	32.83 0.79 0.00	23.08 0.45 0.00	22.63 0.61 0.00	22.76 0.64 0.00	23.33 0.74 0.00	24.11 0.78 0.00	24.70 0.89 -0.01	25.91 0.93 -0.17	27.87 0.99 -0.22	33.11 1.34 -0.66	40.49 1.45 -1.04	25.36 0.58 -0.93	24.59 0.39 -0.49	15.26 0.41 -0.62	14.54 0.38 -0.93	23.41 0.52 -0.37	26.06 0.33 -0.25	25.25 0.49 -0.09	24.13 0.61 -0.06	24.68 0.64 -0.03	21.46 0.52 -0.01	19.76 0.42 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	39.30 -0.02 0.00	36.12 -0.10 0.00	31.86 -0.19 0.00	22.41 -0.22 0.00	21.81 -0.20 0.00	21.90 -0.22 0.00	22.40 -0.19 0.00	23.20 -0.14 0.00	23.71 -0.11 -0.03	25.01 -0.12 -0.32	27.01 -0.07 -0.43	32.30 -0.07 -1.26	39.84 -0.14 -1.99	25.98 -0.07 -2.20	24.69 -0.21 -1.19	15.77 -0.09 -1.64	15.57 -0.12 -2.46	23.19 -0.25 -0.92	25.82 -0.27 -0.62	24.58 -0.26 -0.17	23.27 -0.32 -0.13	23.73 -0.33 -0.05	20.63 -0.32 -0.03	18.99 -0.34 0.00
HELLGATE_13_KV_LD 55870	41.81 2.49 0.00	38.67 2.44 0.00	34.31 2.26 0.00	26.11 1.61 -1.87	23.56 1.55 0.00	23.65 1.53 0.00	24.08 1.49 0.00	25.14 1.81 0.00	25.74 1.95 0.00	26.90 2.10 0.00	28.83 2.17 0.00	33.77 2.65 0.00	41.39 3.34 -0.05	45.61 2.26 -19.50	37.70 2.19 -11.80	35.53 1.38 -19.93	58.89 1.28 -44.38	60.14 2.17 -35.45	51.38 2.49 -23.41	37.07 2.38 -10.02	27.22 2.27 -1.49	28.86 2.30 -2.55	40.70 2.02 -17.75	21.07 1.74 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.81 2.49 0.00	38.67 2.44 0.00	34.31 2.26 0.00	26.11 1.61 -1.87	23.56 1.55 0.00	23.65 1.53 0.00	24.08 1.49 0.00	25.14 1.81 0.00	25.74 1.95 0.00	26.90 2.10 0.00	28.83 2.17 0.00	33.77 2.65 0.00	41.39 3.34 -0.05	45.61 2.26 -19.50	37.70 2.19 -11.80	35.53 1.38 -19.93	58.89 1.28 -44.38	60.14 2.17 -35.45	51.38 2.49 -23.41	37.07 2.38 -10.02	27.22 2.27 -1.49	28.86 2.30 -2.55	40.70 2.02 -17.75	21.07 1.74 0.00
HEMPSTEAD____ 23647	42.16 2.84 0.00	46.12 2.79 -7.11	38.66 2.56 -4.06	26.18 1.70 -1.85	23.62 1.60 0.00	23.66 1.54 0.00	24.12 1.54 0.00	25.15 1.82 0.00	25.79 1.99 0.00	27.46 2.10 -0.55	40.33 2.43 -11.24	41.08 3.01 -6.95	41.58 3.52 -0.05	45.69 2.34 -19.51	41.58 2.43 -15.44	37.50 1.55 -21.73	59.70 1.41 -45.06	61.44 2.39 -36.53	67.28 2.83 -38.98	84.93 2.66 -57.60	337.61 2.51 -311.64	198.85 2.54 -172.30	59.02 2.22 -35.87	50.99 1.90 -29.76
HEWLETT__69_KV_BK3 55828	42.67 3.35 0.00	46.51 3.18 -7.11	39.04 2.93 -4.06	26.43 1.95 -1.85	23.86 1.85 0.00	23.90 1.78 0.00	24.42 1.83 0.00	25.47 2.13 0.00	26.13 2.33 0.00	27.86 2.51 -0.55	40.72 2.83 -11.24	41.48 3.42 -6.95	41.97 3.93 -0.05	46.02 2.66 -19.51	41.85 2.69 -15.44	37.65 1.69 -21.73	59.84 1.55 -45.06	61.71 2.66 -36.53	67.57 3.13 -38.97	85.22 2.95 -57.60	337.89 2.79 -311.64	199.13 2.82 -172.30	59.23 2.43 -35.87	51.15 2.06 -29.76
HICKLING___1 23621	40.59 1.27 0.00	36.99 0.76 0.00	32.48 0.44 0.00	22.83 0.20 0.00	22.49 0.48 0.00	22.65 0.54 0.00	23.16 0.57 0.00	24.11 0.77 0.00	24.51 0.69 -0.02	25.67 0.68 -0.18	27.82 0.92 -0.24	32.96 1.13 -0.71	40.45 1.32 -1.14	29.22 0.86 -4.50	26.84 0.39 -2.74	21.09 0.26 -6.61	19.33 0.07 -6.04	23.36 0.24 -0.60	26.41 0.46 -0.48	25.02 0.44 0.10	23.84 0.22 -0.15	24.28 0.24 -0.03	21.22 0.27 -0.02	19.46 0.12 0.00
HICKLING___2 23622	40.59 1.27 0.00	36.99 0.76 0.00	32.48 0.44 0.00	22.83 0.20 0.00	22.49 0.48 0.00	22.65 0.54 0.00	23.16 0.57 0.00	24.11 0.77 0.00	24.51 0.69 -0.02	25.67 0.68 -0.18	27.82 0.92 -0.24	32.96 1.13 -0.71	40.45 1.32 -1.14	29.22 0.86 -4.50	26.84 0.39 -2.74	21.09 0.26 -6.61	19.33 0.07 -6.04	23.36 0.24 -0.60	26.41 0.46 -0.48	25.02 0.44 0.10	23.84 0.22 -0.15	24.28 0.24 -0.03	21.22 0.27 -0.02	19.46 0.12 0.00
HIGH FALLS___HY 23754	42.40 3.09 0.00	38.89 2.67 0.00	34.33 2.28 0.00	24.18 1.55 0.00	23.54 1.52 0.00	23.61 1.49 0.00	24.12 1.53 0.00	25.16 1.82 0.00	25.79 1.99 0.00	27.00 2.20 0.00	29.14 2.48 0.00	33.92 2.81 0.00	41.34 3.30 -0.05	44.82 2.24 -18.73	37.43 2.38 -11.33	34.67 1.45 -18.99	51.62 1.44 -36.94	49.09 2.48 -24.09	44.32 2.83 -16.03	29.77 2.62 -2.48	27.18 2.58 -1.14	26.50 2.49 0.00	22.94 2.01 0.00	20.97 1.63 0.00
HILLBURN___GT 23639	41.67 2.36 0.00	38.48 2.25 0.00	34.04 1.99 0.00	21.49 1.38 2.53	23.32 1.30 0.00	23.40 1.28 0.00	23.88 1.29 0.00	24.89 1.55 0.00	25.49 1.69 0.00	26.66 1.85 0.00	28.65 2.00 0.00	33.64 2.53 0.00	41.25 3.21 -0.05	44.54 2.19 -18.50	37.03 2.12 -11.20	34.47 1.34 -18.90	59.77 1.27 -45.26	64.06 2.16 -39.38	53.89 2.48 -25.94	26.47 2.31 0.51	27.16 2.12 -1.58	22.67 2.10 3.44	-1.23 1.77 23.93	20.81 1.47 0.00
HILLSIDE_115KV_TB1 80332	39.70 0.39 0.00	36.19 -0.03 0.00	31.86 -0.18 0.00	22.41 -0.22 0.00	22.07 0.06 0.00	22.22 0.10 0.00	22.72 0.13 0.00	23.71 0.37 0.00	24.07 0.25 -0.02	25.23 0.23 -0.19	27.34 0.44 -0.25	32.41 0.56 -0.74	39.81 0.64 -1.18	28.92 0.42 -4.66	26.54 0.02 -2.81	20.73 0.09 -6.42	19.34 -0.06 -6.17	23.12 -0.02 -0.62	26.10 0.13 -0.49	24.69 0.12 0.10	23.56 -0.06 -0.16	23.99 -0.06 -0.03	20.92 -0.03 -0.02	19.15 -0.19 0.00
HISHELDN_WT_PWR 323625	40.15 0.83 0.00	36.55 0.33 0.00	31.95 -0.10 0.00	22.43 -0.20 0.00	22.15 0.13 0.00	22.27 0.15 0.00	22.80 0.21 0.00	23.50 0.16 0.00	23.99 0.19 0.00	24.79 -0.01 0.00	26.88 0.23 0.00	31.21 0.10 0.00	37.62 -0.38 -0.01	26.70 -0.14 -2.99	24.27 -0.77 -1.32	3.37 -0.49 10.36	14.81 -0.64 -2.22	22.16 -0.75 -0.40	25.21 -0.59 -0.32	24.02 -0.52 0.13	22.72 -0.83 -0.08	23.32 -0.70 0.00	20.50 -0.43 0.00	18.88 -0.45 0.00
HOLTSVILLE_IC_1 23690	42.78 3.47 0.00	46.65 3.32 -7.11	39.17 3.05 -4.07	26.42 1.94 -1.85	23.85 1.83 0.00	23.89 1.77 0.00	24.32 1.73 0.00	25.29 1.95 0.00	25.96 2.16 0.00	27.64 2.29 -0.55	40.66 2.76 -11.24	41.47 3.40 -6.95	41.81 3.75 -0.06	45.79 2.43 -19.51	41.70 2.54 -15.44	37.60 1.64 -21.73	111.02 1.46 -96.33	121.96 2.47 -96.98	188.37 2.96 -159.93	149.54 2.73 -122.14	337.38 2.28 -311.64	198.73 2.42 -172.30	80.89 2.52 -57.43	51.29 2.19 -29.76
HOLTSVILLE_IC_10 23699	43.12 3.80 0.00	46.94 3.61 -7.11	39.42 3.31 -4.07	26.58 2.10 -1.85	24.00 1.99 0.00	24.04 1.93 0.00	24.47 1.88 0.00	25.45 2.11 0.00	26.14 2.35 0.00	27.86 2.51 -0.55	40.92 3.03 -11.24	41.78 3.72 -6.95	42.21 4.15 -0.06	46.05 2.68 -19.51	41.94 2.78 -15.44	37.74 1.79 -21.73	114.48 1.60 -99.65	133.88 2.71 -108.64	197.06 3.26 -168.32	156.32 2.98 -128.67	337.50 2.40 -311.64	198.90 2.59 -172.30	80.08 2.72 -56.43	51.45 2.35 -29.76
HOLTSVILLE_IC_2 23691	42.78 3.47 0.00	46.65 3.32 -7.11	39.17 3.05 -4.07	26.42 1.94 -1.85	23.85 1.83 0.00	23.89 1.77 0.00	24.32 1.73 0.00	25.29 1.95 0.00	25.96 2.16 0.00	27.64 2.29 -0.55	40.66 2.76 -11.24	41.47 3.40 -6.95	41.81 3.75 -0.06	45.79 2.43 -19.51	41.70 2.54 -15.44	37.60 1.64 -21.73	111.02 1.46 -96.33	121.96 2.47 -96.98	188.37 2.96 -159.93	149.54 2.73 -122.14	337.38 2.28 -311.64	198.73 2.42 -172.30	80.89 2.52 -57.43	51.29 2.19 -29.76
HOLTSVILLE_IC_3 23692	42.78 3.47 0.00	46.65 3.32 -7.11	39.17 3.05 -4.07	26.42 1.94 -1.85	23.85 1.83 0.00	23.89 1.77 0.00	24.32 1.73 0.00	25.29 1.95 0.00	25.96 2.16 0.00	27.64 2.29 -0.55	40.66 2.76 -11.24	41.47 3.40 -6.95	41.81 3.75 -0.06	45.79 2.43 -19.51	41.70 2.54 -15.44	37.60 1.64 -21.73	111.02 1.46 -96.33	121.96 2.47 -96.98	188.37 2.96 -159.93	149.54 2.73 -122.14	337.38 2.28 -311.64	198.73 2.42 -172.30	80.89 2.52 -57.43	51.29 2.19 -29.76

HOLTSVILLE_IC_4 23693	42.78 3.47 0.00	46.65 3.32 -7.11	39.17 3.05 -4.07	26.42 1.94 -1.85	23.85 1.83 0.00	23.89 1.77 0.00	24.32 1.73 0.00	25.29 1.95 0.00	25.96 2.16 0.00	27.64 2.29 -0.55	40.66 2.76 -11.24	41.47 3.40 -6.95	41.81 3.75 -0.06	45.79 2.43 -19.51	41.70 2.54 -15.44	37.60 1.64 -21.73	111.02 1.46 -96.33	121.96 2.47 -96.98	188.37 2.96 -159.93	149.54 2.73 -122.14	337.38 2.28 -311.64	198.73 2.42 -172.30	80.89 2.52 -57.43	51.29 2.19 -29.76
HOLTSVILLE_IC_5 23694	42.78 3.47 0.00	46.65 3.32 -7.11	39.17 3.05 -4.07	26.42 1.94 -1.85	23.85 1.83 0.00	23.89 1.77 0.00	24.32 1.73 0.00	25.29 1.95 0.00	25.96 2.16 0.00	27.64 2.29 -0.55	40.66 2.76 -11.24	41.47 3.40 -6.95	41.81 3.75 -0.06	45.79 2.43 -19.51	41.70 2.54 -15.44	37.60 1.64 -21.73	111.02 1.46 -96.33	121.96 2.47 -96.98	188.37 2.96 -159.93	149.54 2.73 -122.14	337.38 2.28 -311.64	198.73 2.42 -172.30	80.89 2.52 -57.43	51.29 2.19 -29.76
HOLTSVILLE_IC_6 23695	43.12 3.80 0.00	46.94 3.61 -7.11	39.42 3.31 -4.07	26.58 2.10 -1.85	24.00 1.99 0.00	24.04 1.93 0.00	24.47 1.88 0.00	25.45 2.11 0.00	26.14 2.35 0.00	27.86 2.51 -0.55	40.92 3.03 -11.24	41.78 3.72 -6.95	42.21 4.15 -0.06	46.05 2.68 -19.51	41.94 2.78 -15.44	37.74 1.79 -21.73	114.48 1.60 -99.65	133.88 2.71 -108.64	197.06 3.26 -168.32	156.32 2.98 -128.67	337.50 2.40 -311.64	198.90 2.59 -172.30	80.08 2.72 -56.43	51.45 2.35 -29.76
HOLTSVILLE_IC_7 23696	43.12 3.80 0.00	46.94 3.61 -7.11	39.42 3.31 -4.07	26.58 2.10 -1.85	24.00 1.99 0.00	24.04 1.93 0.00	24.47 1.88 0.00	25.45 2.11 0.00	26.14 2.35 0.00	27.86 2.51 -0.55	40.92 3.03 -11.24	41.78 3.72 -6.95	42.21 4.15 -0.06	46.05 2.68 -19.51	41.94 2.78 -15.44	37.74 1.79 -21.73	114.48 1.60 -99.65	133.88 2.71 -108.64	197.06 3.26 -168.32	156.32 2.98 -128.67	337.50 2.40 -311.64	198.90 2.59 -172.30	80.08 2.72 -56.43	51.45 2.35 -29.76
HOLTSVILLE_IC_8 23697	43.12 3.80 0.00	46.94 3.61 -7.11	39.42 3.31 -4.07	26.58 2.10 -1.85	24.00 1.99 0.00	24.04 1.93 0.00	24.47 1.88 0.00	25.45 2.11 0.00	26.14 2.35 0.00	27.86 2.51 -0.55	40.92 3.03 -11.24	41.78 3.72 -6.95	42.21 4.15 -0.06	46.05 2.68 -19.51	41.94 2.78 -15.44	37.74 1.79 -21.73	114.48 1.60 -99.65	133.88 2.71 -108.64	197.06 3.26 -168.32	156.32 2.98 -128.67	337.50 2.40 -311.64	198.90 2.59 -172.30	80.08 2.72 -56.43	51.45 2.35 -29.76
HOLTSVILLE_IC_9 23698	43.12 3.80 0.00	46.94 3.61 -7.11	39.42 3.31 -4.07	26.58 2.10 -1.85	24.00 1.99 0.00	24.04 1.93 0.00	24.47 1.88 0.00	25.45 2.11 0.00	26.14 2.35 0.00	27.86 2.51 -0.55	40.92 3.03 -11.24	41.78 3.72 -6.95	42.21 4.15 -0.06	46.05 2.68 -19.51	41.94 2.78 -15.44	37.74 1.79 -21.73	114.48 1.60 -99.65	133.88 2.71 -108.64	197.06 3.26 -168.32	156.32 2.98 -128.67	337.50 2.40 -311.64	198.90 2.59 -172.30	80.08 2.72 -56.43	51.45 2.35 -29.76
HOMER_HL_115KV_TB2 355744	40.18 0.86 0.00	36.68 0.46 0.00	32.09 0.04 0.00	22.56 -0.07 0.00	22.26 0.25 0.00	22.39 0.27 0.00	23.02 0.43 0.00	23.87 0.54 0.00	24.35 0.55 0.00	25.23 0.42 0.00	27.35 0.69 0.00	31.66 0.54 0.00	38.19 0.19 -0.01	27.07 0.08 -3.14	25.05 -0.52 -1.86	16.18 -0.21 -2.18	16.98 -0.42 -4.17	22.44 -0.49 -0.41	25.57 -0.24 -0.34	24.48 -0.06 0.13	23.19 -0.36 -0.09	23.74 -0.27 0.00	20.79 -0.14 0.00	19.10 -0.23 0.00
HOWARD_WT_PWR 323690	40.96 1.64 0.00	37.28 1.06 0.00	32.53 0.48 0.00	22.77 0.14 0.00	22.54 0.53 0.00	22.76 0.64 0.00	23.15 0.56 0.00	23.95 0.62 0.00	24.37 0.56 -0.01	25.39 0.45 -0.13	27.52 0.69 -0.17	32.51 0.89 -0.51	39.81 1.01 -0.81	28.28 0.71 -3.72	26.43 -0.03 -2.75	32.97 -0.23 -18.98	19.55 -0.63 -6.94	22.18 -0.84 -0.50	25.76 -0.11 -0.40	24.49 -0.09 0.09	23.37 -0.22 -0.12	23.69 -0.34 -0.02	20.95 0.01 -0.01	19.40 0.06 0.00
HQ_GEN_CEDARS 23644	38.74 -0.58 0.00	35.81 -0.41 0.00	31.67 -0.38 0.00	22.44 -0.19 0.00	21.90 -0.12 0.00	22.05 -0.07 0.00	22.58 -0.01 0.00	23.18 -0.15 0.00	23.68 -0.11 0.00	24.66 -0.15 0.00	26.44 -0.22 0.00	30.77 -0.34 0.00	37.54 -0.45 0.00	23.43 -0.42 0.00	23.44 -0.27 0.00	14.03 -0.19 0.00	13.11 -0.12 0.00	22.35 -0.17 0.00	25.20 -0.27 0.00	24.39 -0.28 0.00	23.30 -0.17 0.00	23.90 -0.11 0.00	20.93 0.00 0.00	19.38 0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	38.74 -0.58 0.00	35.81 -0.41 0.00	31.67 -0.38 0.00	22.44 -0.19 0.00	21.90 -0.12 0.00	22.05 -0.07 0.00	22.58 -0.01 0.00	23.18 -0.15 0.00	23.68 -0.11 0.00	24.66 -0.15 0.00	26.44 -0.22 0.00	30.77 -0.34 0.00	37.54 -0.45 0.00	22.99 -0.42 0.45	23.71 -0.27 1.17	12.86 -0.19 0.00	13.11 -0.12 0.00	21.88 -0.17 0.46	25.20 -0.27 0.00	24.39 -0.28 0.00	23.29 -0.17 0.00	23.90 -0.11 0.00	20.93 0.00 0.00	19.38 0.05 0.00
HQ_GEN_IMPORT 323601	38.77 -0.55 0.00	35.80 -0.43 0.00	31.67 -0.38 0.00	22.43 -0.20 0.00	21.84 -0.18 0.00	21.96 -0.16 0.00	22.44 -0.16 0.00	23.10 -0.23 0.00	23.54 -0.26 0.00	24.52 -0.29 0.00	26.32 -0.34 0.00	30.61 -0.50 0.00	37.38 -0.62 0.00	23.37 -0.48 0.00	22.83 -0.34 0.54	13.99 -0.23 0.00	13.04 -0.19 0.00	22.22 -0.30 0.00	25.12 -0.35 0.00	24.31 -0.36 0.00	23.18 -0.28 0.00	23.76 -0.26 0.00	20.28 -0.17 0.47	19.24 -0.10 0.00
HQ_GEN_WHEEL 23651	38.77 -0.55 0.00	35.80 -0.43 0.00	31.67 -0.38 0.00	22.43 -0.20 0.00	21.84 -0.18 0.00	21.96 -0.16 0.00	22.44 -0.16 0.00	23.10 -0.23 0.00	23.54 -0.26 0.00	24.52 -0.29 0.00	26.32 -0.34 0.00	30.61 -0.50 0.00	37.38 -0.62 0.00	23.37 -0.48 0.00	22.83 -0.34 0.54	13.99 -0.23 0.00	13.04 -0.19 0.00	22.22 -0.30 0.00	25.12 -0.35 0.00	24.31 -0.36 0.00	23.18 -0.28 0.00	23.76 -0.26 0.00	20.28 -0.17 0.47	19.24 -0.10 0.00
HUDSON_AVE_GT_3 23810	41.92 2.60 0.00	38.73 2.51 0.00	34.35 2.30 0.00	26.14 1.65 -1.87	23.59 1.58 0.00	23.67 1.55 0.00	24.13 1.54 0.00	25.17 1.83 0.00	25.76 1.96 0.00	26.94 2.14 0.00	28.85 2.20 0.00	33.87 2.76 0.00	41.56 3.51 -0.05	45.71 2.36 -19.50	37.82 2.30 -11.80	35.61 1.46 -19.93	58.96 1.35 -44.38	60.27 2.29 -35.45	51.54 2.66 -23.41	37.20 2.51 -10.02	27.30 2.34 -1.49	28.94 2.37 -2.55	40.75 2.06 -17.76	21.09 1.75 0.00
HUDSON_AVE_GT_4 23540	41.92 2.60 0.00	38.73 2.51 0.00	34.35 2.30 0.00	26.14 1.65 -1.87	23.59 1.58 0.00	23.67 1.55 0.00	24.13 1.54 0.00	25.17 1.83 0.00	25.76 1.96 0.00	26.94 2.14 0.00	28.85 2.20 0.00	33.87 2.76 0.00	41.56 3.51 -0.05	45.71 2.36 -19.50	37.82 2.30 -11.80	35.61 1.46 -19.93	58.96 1.35 -44.38	60.27 2.29 -35.45	51.54 2.66 -23.41	37.20 2.51 -10.02	27.30 2.34 -1.49	28.94 2.37 -2.55	40.75 2.06 -17.76	21.09 1.75 0.00
HUDSON_AVE_GT_5 23657	41.92 2.60 0.00	38.73 2.51 0.00	34.35 2.30 0.00	26.14 1.65 -1.87	23.59 1.58 0.00	23.67 1.55 0.00	24.13 1.54 0.00	25.17 1.83 0.00	25.76 1.96 0.00	26.94 2.14 0.00	28.85 2.20 0.00	33.87 2.76 0.00	41.56 3.51 -0.05	45.71 2.36 -19.50	37.82 2.30 -11.80	35.61 1.46 -19.93	58.96 1.35 -44.38	60.27 2.29 -35.45	51.54 2.66 -23.41	37.20 2.51 -10.02	27.30 2.34 -1.49	28.94 2.37 -2.55	40.75 2.06 -17.76	21.09 1.75 0.00

HUDSON_AVE_10 24168	41.78 2.46 0.00	38.61 2.39 0.00	34.23 2.18 0.00	26.06 1.56 -1.87	23.52 1.51 0.00	23.60 1.48 0.00	24.05 1.46 0.00	25.09 1.75 0.00	25.68 1.88 0.00	26.86 2.06 0.00	28.75 2.10 0.00	33.75 2.64 0.00	41.41 3.36 -0.05	45.61 2.26 -19.50	37.72 2.21 -11.80	35.56 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.44 2.56 -23.41	37.10 2.41 -10.02	27.21 2.25 -1.49	28.85 2.29 -2.55	40.68 1.99 -17.76	21.02 1.68 0.00
HUDSON___115KV_TB 4 355613	40.61 1.29 0.00	37.65 1.43 0.00	33.59 1.54 0.00	24.06 1.10 -0.33	22.95 0.93 0.00	23.05 0.93 0.00	23.47 0.87 0.00	24.21 0.87 0.00	24.65 0.85 0.00	25.75 0.94 0.00	27.58 0.92 0.00	32.28 1.17 0.00	39.62 1.56 -0.07	48.35 1.18 -23.32	38.93 1.11 -14.11	38.71 0.62 -23.86	57.35 0.60 -43.52	48.61 1.07 -25.03	43.39 1.18 -16.73	29.66 1.06 -3.93	25.74 1.00 -1.27	25.45 0.99 -0.45	24.94 0.89 -3.12	20.25 0.91 0.00
HUNTER MOUNT___DRP 323613	40.79 1.47 0.00	37.87 1.65 0.00	33.79 1.75 0.00	24.14 1.25 -0.26	23.08 1.06 0.00	23.19 1.07 0.00	23.60 1.01 0.00	24.33 0.99 0.00	24.74 0.94 0.00	25.82 1.02 0.00	27.65 0.99 0.00	32.37 1.26 0.00	39.74 1.68 -0.06	47.72 1.26 -22.61	38.58 1.19 -13.68	37.97 0.64 -23.11	56.69 0.64 -42.83	49.14 1.16 -25.46	43.77 1.30 -17.00	29.59 1.13 -3.78	25.78 1.05 -1.27	25.43 1.05 -0.36	24.42 0.96 -2.53	20.33 0.99 0.00
HUNTINGTON_RES_REC 323705	42.80 3.48 0.00	46.61 3.28 -7.11	39.10 2.99 -4.06	26.39 1.91 -1.85	23.83 1.81 0.00	23.87 1.75 0.00	24.30 1.71 0.00	25.30 1.96 0.00	25.97 2.18 0.00	27.69 2.34 -0.55	40.76 2.87 -11.24	41.59 3.53 -6.95	41.88 3.81 -0.07	45.90 2.53 -19.52	41.82 2.66 -15.44	37.66 1.70 -21.73	188.80 1.52 -174.05	287.91 2.58 -262.81	377.31 3.12 -348.72	269.95 2.83 -242.45	337.54 2.44 -311.64	198.82 2.51 -172.30	90.66 2.51 -67.22	51.30 2.20 -29.76
HUNTLEY___63 23557	40.07 0.75 0.00	36.47 0.25 0.00	31.86 -0.18 0.00	22.39 -0.23 0.00	22.11 0.10 0.00	22.19 0.08 0.00	22.80 0.21 0.00	23.42 0.08 0.00	23.94 0.14 0.00	24.63 -0.18 0.00	26.70 0.05 0.00	30.87 -0.24 0.00	37.00 -1.00 -0.01	26.01 -0.47 -2.63	24.19 -0.97 -1.44	12.27 -0.54 1.41	15.58 -0.70 -3.05	21.93 -0.95 -0.36	24.86 -0.90 -0.29	23.78 -0.78 0.11	22.47 -1.07 -0.07	23.11 -0.90 0.00	20.28 -0.65 0.00	18.71 -0.62 0.00
HUNTLEY___64 23558	40.07 0.75 0.00	36.47 0.25 0.00	31.86 -0.18 0.00	22.39 -0.23 0.00	22.11 0.10 0.00	22.19 0.08 0.00	22.80 0.21 0.00	23.42 0.08 0.00	23.94 0.14 0.00	24.63 -0.18 0.00	26.70 0.05 0.00	30.87 -0.24 0.00	37.00 -1.00 -0.01	26.01 -0.47 -2.63	24.19 -0.97 -1.44	12.27 -0.54 1.41	15.58 -0.70 -3.05	21.93 -0.95 -0.36	24.86 -0.90 -0.29	23.78 -0.78 0.11	22.47 -1.07 -0.07	23.11 -0.90 0.00	20.28 -0.65 0.00	18.71 -0.62 0.00
HUNTLEY___65 23559	40.07 0.75 0.00	36.47 0.25 0.00	31.86 -0.18 0.00	22.39 -0.23 0.00	22.11 0.10 0.00	22.19 0.08 0.00	22.80 0.21 0.00	23.42 0.08 0.00	23.94 0.14 0.00	24.63 -0.18 0.00	26.70 0.05 0.00	30.87 -0.24 0.00	37.00 -1.00 -0.01	26.01 -0.47 -2.63	24.19 -0.97 -1.44	12.27 -0.54 1.41	15.58 -0.70 -3.05	21.93 -0.95 -0.36	24.86 -0.90 -0.29	23.78 -0.78 0.11	22.47 -1.07 -0.07	23.11 -0.90 0.00	20.28 -0.65 0.00	18.71 -0.62 0.00
HUNTLEY___66 23560	40.07 0.75 0.00	36.47 0.25 0.00	31.86 -0.18 0.00	22.39 -0.23 0.00	22.11 0.10 0.00	22.19 0.08 0.00	22.80 0.21 0.00	23.42 0.08 0.00	23.94 0.14 0.00	24.63 -0.18 0.00	26.70 0.05 0.00	30.87 -0.24 0.00	37.00 -1.00 -0.01	26.01 -0.47 -2.63	24.19 -0.97 -1.44	12.27 -0.54 1.41	15.58 -0.70 -3.05	21.93 -0.95 -0.36	24.86 -0.90 -0.29	23.78 -0.78 0.11	22.47 -1.07 -0.07	23.11 -0.90 0.00	20.28 -0.65 0.00	18.71 -0.62 0.00
HUNTLEY___67 23561	39.91 0.59 0.00	36.33 0.11 0.00	31.75 -0.30 0.00	22.30 -0.33 0.00	22.02 0.00 0.00	22.11 -0.01 0.00	22.72 0.12 0.00	23.36 0.02 0.00	23.85 0.06 0.00	24.55 -0.25 0.00	26.64 -0.02 0.00	30.81 -0.30 0.00	37.00 -1.00 -0.01	26.06 -0.47 -2.68	24.17 -0.99 -1.45	11.58 -0.61 2.03	15.56 -0.70 -3.02	21.94 -0.95 -0.37	24.90 -0.87 -0.30	23.80 -0.76 0.11	22.48 -1.06 -0.07	23.08 -0.93 0.00	20.22 -0.71 0.00	18.64 -0.70 0.00
HUNTLEY___68 23562	39.91 0.59 0.00	36.33 0.11 0.00	31.75 -0.30 0.00	22.30 -0.33 0.00	22.02 0.00 0.00	22.11 -0.01 0.00	22.72 0.12 0.00	23.36 0.02 0.00	23.85 0.06 0.00	24.55 -0.25 0.00	26.64 -0.02 0.00	30.81 -0.30 0.00	37.00 -1.00 -0.01	26.06 -0.47 -2.68	24.17 -0.99 -1.45	11.58 -0.61 2.03	15.56 -0.70 -3.02	21.94 -0.95 -0.37	24.90 -0.87 -0.30	23.80 -0.76 0.11	22.48 -1.06 -0.07	23.08 -0.93 0.00	20.22 -0.71 0.00	18.64 -0.70 0.00
HYLAND___LFGE 323620	41.46 2.14 0.00	37.68 1.46 0.00	32.87 0.83 0.00	23.04 0.41 0.00	22.64 0.63 0.00	22.79 0.67 0.00	23.33 0.74 0.00	24.00 0.67 0.00	24.36 0.56 0.00	25.18 0.37 0.00	27.22 0.57 0.00	31.31 0.20 0.00	38.24 0.24 -0.01	26.86 0.13 -2.88	25.83 -0.25 -2.36	34.12 -0.25 -20.15	19.07 -0.56 -6.40	22.43 -0.47 -0.38	25.59 -0.20 -0.31	24.54 -0.01 0.12	23.41 -0.13 -0.08	23.96 -0.05 0.00	21.06 0.13 0.00	19.78 0.44 0.00
INDECK___CORINTH 23802	41.58 2.26 0.00	38.29 2.07 0.00	33.96 1.91 0.00	24.36 1.36 -0.37	23.33 1.31 0.00	23.44 1.32 0.00	23.80 1.21 0.00	24.59 1.25 0.00	25.10 1.30 0.00	26.29 1.48 0.00	28.09 1.43 0.00	32.99 1.88 0.00	40.44 2.38 -0.07	50.42 1.65 -24.92	40.34 1.55 -15.08	40.62 0.88 -25.52	59.21 0.77 -45.21	48.09 1.23 -24.34	43.28 1.48 -16.32	29.98 1.39 -3.91	26.20 1.45 -1.29	26.03 1.51 -0.51	25.64 1.19 -3.52	20.38 1.04 0.00
INDECK___ILION 23567	39.78 0.46 0.00	36.66 0.44 0.00	32.47 0.42 0.00	22.92 0.29 0.00	22.26 0.24 0.00	22.38 0.26 0.00	22.83 0.23 0.00	23.59 0.26 0.00	24.02 0.23 0.00	25.05 0.25 0.00	26.95 0.30 0.00	31.57 0.46 0.00	38.73 0.73 0.00	24.45 0.60 0.00	24.26 0.54 0.00	14.53 0.31 0.00	13.46 0.23 0.00	22.86 0.34 0.00	25.88 0.41 0.00	25.05 0.38 0.00	23.82 0.36 0.00	24.30 0.28 0.00	21.14 0.21 0.00	19.48 0.14 0.00
INDECK___OLEAN 23982	40.18 0.86 0.00	36.68 0.45 0.00	32.10 0.05 0.00	22.56 -0.07 0.00	22.26 0.25 0.00	22.39 0.27 0.00	23.02 0.43 0.00	23.87 0.54 0.00	24.35 0.55 0.00	25.23 0.43 0.00	27.35 0.70 0.00	31.66 0.54 0.00	38.17 0.17 -0.01	27.08 0.09 -3.14	25.05 -0.52 -1.86	16.19 -0.21 -2.18	16.98 -0.42 -4.17	22.47 -0.46 -0.41	25.59 -0.22 -0.34	24.50 -0.04 0.13	23.19 -0.36 -0.09	23.74 -0.27 0.00	20.80 -0.13 0.00	19.09 -0.24 0.00
INDECK___OSWEGO 23783	38.44 -0.88 0.00	35.42 -0.80 0.00	31.24 -0.81 0.00	21.97 -0.66 0.00	21.37 -0.64 0.00	21.46 -0.66 0.00	21.96 -0.63 0.00	22.76 -0.58 0.00	23.36 -0.57 -0.13	25.63 -0.60 -1.42	27.91 -0.63 -1.89	35.97 -0.71 -5.57	45.85 -0.93 -8.79	27.37 -0.59 -4.11	24.86 -0.72 -1.87	15.22 -0.39 -1.39	14.92 -0.38 -2.07	23.19 -0.72 -1.39	25.54 -0.83 -0.91	24.56 -0.78 -0.66	23.06 -0.76 -0.36	23.45 -0.78 -0.21	20.35 -0.70 -0.12	18.67 -0.67 0.00

INDECK___YERKES 23781	40.05 0.73 0.00	36.46 0.24 0.00	31.85 -0.20 0.00	22.39 -0.24 0.00	22.11 0.09 0.00	22.18 0.07 0.00	22.80 0.21 0.00	23.41 0.07 0.00	23.93 0.13 0.00	24.64 -0.17 0.00	26.71 0.05 0.00	30.86 -0.25 0.00	36.97 -1.03 -0.01	26.03 -0.45 -2.63	24.18 -0.97 -1.44	12.27 -0.55 1.41	15.58 -0.70 -3.05	21.95 -0.93 -0.36	24.88 -0.88 -0.29	23.81 -0.75 0.11	22.47 -1.06 -0.07	23.14 -0.88 0.00	20.32 -0.61 0.00	18.72 -0.62 0.00
INDIAN POINT_GT_1 24139	41.62 2.31 0.00	38.44 2.22 0.00	34.05 2.00 0.00	26.22 1.40 -2.19	23.34 1.33 0.00	23.42 1.30 0.00	23.88 1.30 0.00	24.88 1.55 0.00	25.47 1.67 0.00	26.62 1.81 0.00	28.58 1.93 0.00	33.55 2.44 0.00	41.13 3.08 -0.05	45.25 2.10 -19.30	37.45 2.06 -11.68	35.24 1.30 -19.73	59.01 1.21 -44.56	60.86 2.08 -36.26	51.79 2.39 -23.93	37.44 2.25 -10.52	27.05 2.08 -1.51	29.09 2.08 -3.00	43.55 1.76 -20.86	20.82 1.48 0.00
INDIAN POINT_GT_2 23659	41.62 2.31 0.00	38.44 2.22 0.00	34.05 2.00 0.00	26.22 1.40 -2.19	23.34 1.33 0.00	23.42 1.30 0.00	23.88 1.30 0.00	24.88 1.55 0.00	25.47 1.67 0.00	26.62 1.81 0.00	28.58 1.93 0.00	33.55 2.44 0.00	41.13 3.08 -0.05	45.25 2.10 -19.30	37.45 2.06 -11.68	35.24 1.30 -19.73	59.01 1.21 -44.56	60.86 2.08 -36.26	51.79 2.39 -23.93	37.44 2.25 -10.52	27.05 2.08 -1.51	29.09 2.08 -3.00	43.55 1.76 -20.86	20.82 1.48 0.00
INDIAN POINT_GT_3 24019	41.62 2.31 0.00	38.44 2.22 0.00	34.05 2.00 0.00	26.22 1.40 -2.19	23.34 1.33 0.00	23.42 1.30 0.00	23.88 1.30 0.00	24.88 1.55 0.00	25.47 1.67 0.00	26.62 1.81 0.00	28.58 1.93 0.00	33.55 2.44 0.00	41.13 3.08 -0.05	45.25 2.10 -19.30	37.45 2.06 -11.68	35.24 1.30 -19.73	59.01 1.21 -44.56	60.86 2.08 -36.26	51.79 2.39 -23.93	37.44 2.25 -10.52	27.05 2.08 -1.51	29.09 2.08 -3.00	43.55 1.76 -20.86	20.82 1.48 0.00
INDIAN POINT___2 23530	41.58 2.26 0.00	38.40 2.18 0.00	34.00 1.95 0.00	26.95 1.36 -2.96	23.30 1.29 0.00	23.38 1.26 0.00	23.85 1.25 0.00	24.85 1.51 0.00	25.43 1.63 0.00	26.59 1.79 0.00	28.56 1.90 0.00	33.51 2.40 0.00	41.07 3.03 -0.05	44.96 2.07 -19.04	37.25 2.02 -11.52	34.95 1.27 -19.45	59.22 1.20 -44.79	61.85 2.05 -37.28	52.41 2.35 -24.59	38.69 2.21 -11.82	27.04 2.05 -1.53	30.10 2.04 -4.04	50.82 1.73 -28.16	20.79 1.45 0.00
INDIAN POINT___3 23531	41.56 2.24 0.00	38.38 2.15 0.00	33.99 1.95 0.00	26.24 1.36 -2.25	23.30 1.28 0.00	23.38 1.26 0.00	23.85 1.26 0.00	24.84 1.50 0.00	25.42 1.62 0.00	26.57 1.77 0.00	28.53 1.87 0.00	33.48 2.37 0.00	41.04 2.99 -0.05	45.20 2.04 -19.31	37.39 2.00 -11.68	35.22 1.26 -19.73	58.97 1.18 -44.55	60.77 2.02 -36.22	51.71 2.33 -23.91	37.45 2.19 -10.59	27.00 2.03 -1.51	29.11 2.03 -3.07	44.05 1.72 -21.40	20.78 1.44 0.00
INGHAM_C_115KV_TB7 356103	40.03 0.71 0.00	36.92 0.70 0.00	32.78 0.73 0.00	23.14 0.51 0.00	22.42 0.40 0.00	22.56 0.44 0.00	22.96 0.38 0.00	23.73 0.39 0.00	24.11 0.31 0.00	25.15 0.34 0.00	27.06 0.40 0.00	31.79 0.68 0.00	39.23 1.23 0.00	24.95 1.10 0.00	24.76 1.05 0.00	14.80 0.58 0.00	13.64 0.40 0.00	23.10 0.58 0.00	26.20 0.73 0.00	25.33 0.65 0.00	24.08 0.62 0.00	24.48 0.46 0.00	21.27 0.34 0.00	19.56 0.22 0.00
IP CORINTH___1 23988	41.80 2.48 0.00	38.50 2.28 0.00	34.14 2.10 0.00	24.49 1.49 -0.37	23.46 1.44 0.00	23.56 1.44 0.00	23.93 1.34 0.00	24.72 1.38 0.00	25.24 1.44 0.00	26.43 1.62 0.00	28.25 1.59 0.00	33.17 2.06 0.00	40.66 2.60 -0.07	50.55 1.78 -24.92	40.48 1.68 -15.08	40.70 0.96 -25.52	59.29 0.85 -45.21	48.23 1.37 -24.34	43.42 1.63 -16.32	30.12 1.54 -3.91	26.34 1.58 -1.29	26.16 1.64 -0.51	25.77 1.32 -3.52	20.49 1.15 0.00
IP___TICONDEROGA 23804	44.09 4.77 0.00	40.82 4.59 0.00	36.24 4.19 0.00	26.04 3.04 -0.37	25.09 3.08 0.00	25.20 3.08 0.00	25.45 2.86 0.00	26.28 2.94 0.00	26.69 2.90 0.00	28.08 3.27 0.00	30.14 3.49 0.00	35.37 4.26 0.00	43.75 5.69 -0.07	52.56 3.82 -24.89	42.06 3.29 -15.06	41.63 1.92 -25.49	60.33 1.91 -45.18	50.07 3.18 -24.37	45.32 3.51 -16.34	31.93 3.33 -3.92	28.08 3.33 -1.29	27.85 3.33 -0.51	27.19 2.73 -3.53	21.85 2.52 0.00
ISLIP_RES_REC 323679	43.44 4.12 0.00	47.20 3.87 -7.11	39.64 3.53 -4.07	26.73 2.26 -1.85	24.15 2.14 0.00	24.20 2.08 0.00	24.63 2.04 0.00	25.62 2.28 0.00	26.33 2.53 0.00	28.07 2.72 -0.55	41.18 3.28 -11.24	42.08 4.01 -6.95	42.56 4.51 -0.06	46.28 2.92 -19.51	42.17 3.02 -15.44	37.89 1.93 -21.73	109.74 1.73 -94.77	127.37 2.96 -101.90	185.77 3.54 -156.76	150.14 3.24 -122.23	337.73 2.64 -311.64	199.12 2.81 -172.30	78.51 2.89 -54.69	51.59 2.49 -29.76
JAMAICA__27_KV_LOAD 355505	42.11 2.80 0.00	38.87 2.65 0.00	34.45 2.40 0.00	26.21 1.71 -1.87	23.69 1.67 0.00	23.78 1.66 0.00	24.24 1.65 0.00	25.28 1.94 0.00	25.87 2.07 0.00	27.08 2.27 0.00	28.93 2.28 0.00	34.00 2.88 0.00	41.70 3.65 -0.05	45.78 2.43 -19.50	37.89 2.38 -11.80	35.66 1.51 -19.93	59.02 1.41 -44.38	60.36 2.39 -35.45	51.65 2.76 -23.41	37.28 2.59 -10.02	27.37 2.42 -1.49	29.04 2.48 -2.55	40.85 2.16 -17.76	21.15 1.81 0.00
JANIS___SOLAR 323808	41.86 2.55 0.00	38.30 2.08 0.00	33.74 1.69 0.00	23.73 1.10 0.00	23.16 1.15 0.00	23.28 1.16 0.00	23.83 1.24 0.00	24.69 1.36 0.00	25.16 1.34 -0.03	26.33 1.24 -0.28	28.41 1.37 -0.38	33.84 1.60 -1.12	42.07 2.29 -1.78	30.32 1.56 -4.91	27.87 1.27 -2.89	21.10 0.85 -6.03	20.20 0.66 -6.31	23.73 1.10 -0.12	26.97 1.33 -0.17	25.77 1.29 0.19	24.72 1.09 -0.17	25.08 1.03 -0.04	21.80 0.85 -0.02	20.05 0.72 0.00
JARVIS____ 23743	39.48 0.16 0.00	36.37 0.14 0.00	32.17 0.13 0.00	22.70 0.07 0.00	22.08 0.07 0.00	22.19 0.07 0.00	22.66 0.06 0.00	23.41 0.07 0.00	23.87 0.07 0.00	24.90 0.10 0.00	26.76 0.11 0.00	31.29 0.18 0.00	38.22 0.22 0.00	24.01 0.15 0.00	23.82 0.10 0.00	14.29 0.07 0.00	13.29 0.06 0.00	22.61 0.09 0.00	25.56 0.09 0.00	24.77 0.10 0.00	23.56 0.09 0.00	24.09 0.08 0.00	20.99 0.06 0.00	19.37 0.04 0.00
JENNISON___1 23625	41.97 2.65 0.00	38.34 2.12 0.00	33.83 1.78 0.00	23.81 1.18 0.00	23.26 1.25 0.00	23.37 1.25 0.00	23.92 1.34 0.00	24.84 1.51 0.00	25.35 1.53 -0.02	26.56 1.55 -0.20	28.72 1.79 -0.27	33.99 2.09 -0.79	41.99 2.74 -1.26	31.55 1.82 -5.87	28.72 1.54 -3.47	21.82 0.95 -6.64	21.96 0.80 -7.93	23.33 1.36 0.54	26.88 1.63 0.22	25.78 1.55 0.44	24.95 1.31 -0.17	25.31 1.28 -0.03	22.00 1.05 -0.01	20.21 0.87 0.00
JENNISON___2 23626	41.97 2.65 0.00	38.34 2.12 0.00	33.83 1.78 0.00	23.81 1.18 0.00	23.26 1.25 0.00	23.37 1.25 0.00	23.92 1.34 0.00	24.84 1.51 0.00	25.35 1.53 -0.02	26.56 1.55 -0.20	28.72 1.79 -0.27	33.99 2.09 -0.79	41.99 2.74 -1.26	31.55 1.82 -5.87	28.72 1.54 -3.47	21.82 0.95 -6.64	21.96 0.80 -7.93	23.33 1.36 0.54	26.88 1.63 0.22	25.78 1.55 0.44	24.95 1.31 -0.17	25.31 1.28 -0.03	22.00 1.05 -0.01	20.21 0.87 0.00

JERICO_RISE_WT_PWR 323719	38.23 -1.09 0.00	35.53 -0.69 0.00	31.62 -0.43 0.00	22.32 -0.31 0.00	21.75 -0.27 0.00	21.95 -0.17 0.00	22.40 -0.19 0.00	23.01 -0.33 0.00	23.45 -0.34 0.00	24.44 -0.37 0.00	26.12 -0.53 0.00	30.29 -0.83 0.00	37.05 -0.95 0.00	23.16 -0.69 0.00	23.12 -0.59 0.00	13.84 -0.38 0.00	12.93 -0.31 0.00	22.06 -0.46 0.00	24.89 -0.58 0.00	24.03 -0.64 0.00	23.00 -0.47 0.00	23.62 -0.39 0.00	20.85 -0.08 0.00	19.30 -0.04 0.00
KATONAH__115KV_46KV_TB4 355592	41.95 2.64 0.00	38.75 2.53 0.00	34.33 2.29 0.00	25.36 1.60 -1.14	23.53 1.52 0.00	23.62 1.50 0.00	24.08 1.49 0.00	25.08 1.75 0.00	25.66 1.87 0.00	26.85 2.04 0.00	28.87 2.21 0.00	33.90 2.79 0.00	41.59 3.54 -0.05	46.00 2.40 -19.75	38.02 2.36 -11.95	35.90 1.49 -20.19	58.69 1.38 -44.08	59.23 2.37 -34.34	50.89 2.73 -22.70	35.84 2.53 -8.64	27.25 2.32 -1.46	27.87 2.30 -1.55	33.69 1.94 -10.82	20.98 1.64 0.00
KCE_NY_1 323755	41.79 2.47 0.00	38.55 2.32 0.00	34.16 2.11 0.00	24.49 1.49 -0.37	23.45 1.43 0.00	23.58 1.46 0.00	23.97 1.38 0.00	24.78 1.44 0.00	25.26 1.46 0.00	26.39 1.58 0.00	28.30 1.65 0.00	33.28 2.17 0.00	40.84 2.77 -0.07	50.60 1.90 -24.85	40.56 1.81 -15.03	40.72 1.06 -25.44	59.32 0.94 -45.15	48.49 1.56 -24.40	43.58 1.75 -16.36	30.29 1.68 -3.94	26.39 1.64 -1.29	26.17 1.65 -0.51	25.83 1.35 -3.55	20.52 1.18 0.00
KCE_NY_6_ESR 323823	40.44 1.12 0.00	36.79 0.57 0.00	32.13 0.08 0.00	22.56 -0.07 0.00	22.28 0.26 0.00	22.38 0.26 0.00	22.99 0.40 0.00	23.67 0.34 0.00	24.18 0.38 0.00	24.95 0.15 0.00	27.05 0.40 0.00	31.34 0.22 0.00	37.67 -0.33 -0.01	26.56 -0.09 -2.80	24.57 -0.65 -1.51	11.71 -0.40 2.11	15.87 -0.52 -3.15	22.30 -0.60 -0.38	25.31 -0.47 -0.31	24.17 -0.38 0.12	22.83 -0.72 -0.08	23.43 -0.58 0.00	20.52 -0.41 0.00	18.88 -0.45 0.00
KEDC_PORT_JEFF_GT2 24210	42.96 3.64 0.00	46.79 3.46 -7.11	39.29 3.18 -4.07	26.49 2.01 -1.85	23.92 1.90 0.00	23.97 1.85 0.00	24.39 1.79 0.00	25.37 2.03 0.00	26.05 2.25 0.00	27.77 2.41 -0.55	40.82 2.92 -11.24	41.59 3.52 -6.95	41.86 3.80 -0.06	45.84 2.47 -19.51	41.70 2.55 -15.44	37.59 1.63 -21.73	120.95 1.44 -106.27	145.46 2.45 -120.49	212.68 2.96 -184.25	165.60 2.70 -138.23	337.33 2.23 -311.64	198.72 2.41 -172.30	81.52 2.61 -57.97	51.38 2.29 -29.76
KEDC_PORT_JEFF_GT3 24211	42.96 3.64 0.00	46.79 3.46 -7.11	39.29 3.18 -4.07	26.49 2.01 -1.85	23.92 1.90 0.00	23.97 1.85 0.00	24.39 1.79 0.00	25.37 2.03 0.00	26.05 2.25 0.00	27.77 2.41 -0.55	40.82 2.92 -11.24	41.59 3.52 -6.95	41.86 3.80 -0.06	45.84 2.47 -19.51	41.70 2.55 -15.44	37.59 1.63 -21.73	120.95 1.44 -106.27	145.46 2.45 -120.49	212.68 2.96 -184.25	165.60 2.70 -138.23	337.33 2.23 -311.64	198.72 2.41 -172.30	81.52 2.61 -57.97	51.38 2.29 -29.76
KEDC_GLWD_GT4 24219	42.07 2.76 0.00	46.20 2.87 -7.11	38.71 2.60 -4.06	26.25 1.77 -1.85	23.69 1.68 0.00	23.75 1.63 0.00	24.22 1.63 0.00	25.24 1.91 0.00	25.85 2.05 0.00	27.42 2.07 -0.55	40.26 2.37 -11.24	40.99 2.93 -6.95	41.59 3.54 -0.05	45.75 2.39 -19.51	41.59 2.44 -15.44	37.50 1.54 -21.73	59.71 1.41 -45.06	61.46 2.41 -36.53	67.27 2.82 -38.98	84.90 2.63 -57.60	337.55 2.45 -311.64	198.77 2.46 -172.30	58.92 2.12 -35.87	50.91 1.82 -29.76
KEDC_GLWD_GT5 24220	42.07 2.76 0.00	46.20 2.87 -7.11	38.71 2.60 -4.06	26.25 1.77 -1.85	23.69 1.68 0.00	23.75 1.63 0.00	24.22 1.63 0.00	25.24 1.91 0.00	25.85 2.05 0.00	27.42 2.07 -0.55	40.26 2.37 -11.24	40.99 2.93 -6.95	41.59 3.54 -0.05	45.75 2.39 -19.51	41.59 2.44 -15.44	37.50 1.54 -21.73	59.71 1.41 -45.06	61.46 2.41 -36.53	67.27 2.82 -38.98	84.90 2.63 -57.60	337.55 2.45 -311.64	198.77 2.46 -172.30	58.92 2.12 -35.87	50.91 1.82 -29.76
KENSICO____ 23655	41.72 2.40 0.00	38.55 2.33 0.00	34.15 2.10 0.00	26.10 1.48 -1.99	23.42 1.40 0.00	23.49 1.38 0.00	23.96 1.37 0.00	24.96 1.62 0.00	25.54 1.74 0.00	26.71 1.90 0.00	28.67 2.02 0.00	33.64 2.53 0.00	41.26 3.20 -0.05	45.48 2.17 -19.46	37.61 2.12 -11.77	35.45 1.34 -19.89	58.90 1.25 -44.42	60.28 2.14 -35.62	51.46 2.46 -23.52	37.17 2.32 -10.18	27.11 2.15 -1.49	28.90 2.16 -2.72	41.72 1.84 -18.95	20.89 1.55 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.37 3.06 0.00	38.92 2.70 0.00	34.38 2.34 0.00	24.22 1.60 0.00	23.56 1.55 0.00	23.65 1.53 0.00	24.14 1.55 0.00	25.17 1.83 0.00	25.78 1.99 0.00	27.00 2.20 0.00	29.11 2.45 0.00	33.88 2.77 0.00	41.24 3.20 -0.05	43.31 2.20 -17.26	36.49 2.33 -10.44	33.03 1.43 -17.38	46.61 1.42 -31.96	43.68 2.45 -18.72	40.77 2.79 -12.50	28.54 2.57 -1.31	26.97 2.57 -0.94	26.50 2.49 0.00	22.97 2.04 0.00	21.02 1.68 0.00
KIAC_JFK_GT1 23816	41.92 2.61 0.00	38.70 2.48 0.00	34.32 2.27 0.00	26.11 1.62 -1.87	23.60 1.58 0.00	23.68 1.56 0.00	24.15 1.56 0.00	25.18 1.84 0.00	25.77 1.98 0.00	26.97 2.16 0.00	28.81 2.15 0.00	33.87 2.75 0.00	41.52 3.47 -0.05	45.67 2.32 -19.50	37.78 2.27 -11.80	35.59 1.44 -19.93	58.95 1.34 -44.38	60.25 2.28 -35.45	51.52 2.63 -23.41	37.15 2.46 -10.02	27.26 2.31 -1.49	28.92 2.36 -2.55	40.75 2.06 -17.76	21.06 1.73 0.00
KIAC_JFK_GT2 23817	41.92 2.61 0.00	38.70 2.48 0.00	34.32 2.27 0.00	26.11 1.62 -1.87	23.60 1.58 0.00	23.68 1.56 0.00	24.15 1.56 0.00	25.18 1.84 0.00	25.77 1.98 0.00	26.97 2.16 0.00	28.81 2.15 0.00	33.87 2.75 0.00	41.52 3.47 -0.05	45.67 2.32 -19.50	37.78 2.27 -11.80	35.59 1.44 -19.93	58.95 1.34 -44.38	60.25 2.28 -35.45	51.52 2.63 -23.41	37.15 2.46 -10.02	27.26 2.31 -1.49	28.92 2.36 -2.55	40.75 2.06 -17.76	21.06 1.73 0.00
KIAC_JFK____ 323774	41.92 2.61 0.00	38.70 2.48 0.00	34.32 2.27 0.00	26.11 1.62 -1.87	23.60 1.58 0.00	23.68 1.56 0.00	24.15 1.55 0.00	25.18 1.84 0.00	25.77 1.97 0.00	26.97 2.16 0.00	28.81 2.15 0.00	33.86 2.75 0.00	41.52 3.47 -0.05	45.67 2.32 -19.50	37.78 2.27 -11.80	35.59 1.44 -19.93	58.95 1.34 -44.38	60.25 2.28 -35.45	51.52 2.63 -23.41	37.15 2.46 -10.02	27.26 2.31 -1.49	28.92 2.36 -2.55	40.75 2.06 -17.76	21.07 1.73 0.00
KINTIGH____ 23543	39.67 0.35 0.00	36.19 -0.04 0.00	31.68 -0.37 0.00	22.27 -0.36 0.00	21.92 -0.10 0.00	22.01 -0.11 0.00	22.61 0.02 0.00	23.26 -0.08 0.00	23.77 -0.02 0.00	24.50 -0.30 0.00	26.54 -0.12 0.00	30.68 -0.44 0.00	36.93 -1.07 -0.01	25.65 -0.51 -2.31	24.07 -0.95 -1.31	13.54 -0.61 0.07	15.87 -0.64 -3.28	22.69 -0.93 -1.10	25.35 -0.88 -0.76	23.93 -0.78 -0.04	22.52 -1.03 -0.09	23.07 -0.94 0.00	20.18 -0.75 0.00	18.62 -0.72 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.19 -1.13 0.00	35.65 -0.57 0.00	31.82 -0.23 0.00	22.44 -0.19 0.00	21.85 -0.17 0.00	22.04 -0.08 0.00	22.48 -0.11 0.00	23.10 -0.24 0.00	23.52 -0.28 0.00	24.51 -0.30 0.00	26.08 -0.58 0.00	30.20 -0.91 0.00	36.99 -1.01 0.00	23.11 -0.74 0.00	23.03 -0.68 0.00	13.79 -0.43 0.00	12.87 -0.36 0.00	22.00 -0.52 0.00	24.78 -0.69 0.00	23.91 -0.76 0.00	22.97 -0.49 0.00	23.65 -0.36 0.00	21.08 0.15 0.00	19.50 0.16 0.00

LACHUTE____HYDRO 323717	44.09 4.77 0.00	40.82 4.60 0.00	36.23 4.19 0.00	26.04 3.04 -0.37	25.09 3.08 0.00	25.20 3.08 0.00	25.45 2.86 0.00	26.28 2.94 0.00	26.69 2.90 0.00	28.07 3.27 0.00	30.14 3.49 0.00	35.37 4.26 0.00	43.76 5.69 -0.07	52.56 3.82 -24.89	42.06 3.29 -15.06	41.63 1.91 -25.49	60.33 1.91 -45.18	50.07 3.19 -24.37	45.33 3.51 -16.34	31.93 3.33 -3.92	28.08 3.33 -1.29	27.85 3.33 -0.51	27.19 2.73 -3.53	21.85 2.52 0.00
LAWRNCV_115KV_TB1 80681	38.44 -0.88 0.00	35.55 -0.67 0.00	31.38 -0.67 0.00	22.26 -0.37 0.00	21.81 -0.20 0.00	22.01 -0.11 0.00	22.62 0.03 0.00	23.17 -0.17 0.00	23.75 -0.05 0.00	24.75 -0.06 0.00	26.50 -0.15 0.00	30.93 -0.19 0.00	37.70 -0.30 0.00	23.45 -0.40 0.00	23.46 -0.25 0.00	14.06 -0.16 0.00	13.15 -0.08 0.00	22.39 -0.13 0.00	25.16 -0.31 0.00	24.42 -0.25 0.00	23.35 -0.11 0.00	23.92 -0.09 0.00	20.98 0.05 0.00	19.42 0.08 0.00
LEDERLE____ 23769	41.83 2.51 0.00	38.61 2.39 0.00	34.16 2.11 0.00	21.28 1.46 2.81	23.40 1.38 0.00	23.48 1.36 0.00	23.95 1.36 0.00	24.97 1.63 0.00	25.57 1.77 0.00	26.75 1.95 0.00	28.74 2.09 0.00	33.76 2.65 0.00	41.39 3.34 -0.05	44.87 2.28 -18.73	37.26 2.22 -11.33	34.76 1.40 -19.14	59.61 1.32 -45.06	63.25 2.26 -38.48	53.41 2.58 -25.36	25.98 2.41 1.10	27.24 2.21 -1.56	22.38 2.19 3.83	-3.88 1.85 26.67	20.88 1.54 0.00
LIGHTHSE_115KV_TB6 355974	39.47 0.15 0.00	36.35 0.13 0.00	32.01 -0.04 0.00	22.49 -0.14 0.00	21.97 -0.04 0.00	22.08 -0.04 0.00	22.63 0.04 0.00	23.41 0.07 0.00	24.01 0.15 -0.07	25.73 0.15 -0.77	27.89 0.21 -1.02	34.43 0.30 -3.02	42.97 0.22 -4.76	26.52 -0.06 -2.73	24.79 -0.24 -1.32	15.45 -0.05 -1.28	15.08 -0.07 -1.92	23.27 -0.24 -0.99	25.76 -0.37 -0.66	24.78 -0.26 -0.37	23.52 -0.16 -0.21	24.00 -0.13 -0.12	20.84 -0.15 -0.07	19.14 -0.20 0.00
LINDEN COGEN____ 23786	37.17 2.23 4.38	35.99 2.16 2.39	33.28 1.99 0.76	25.59 1.46 -1.51	23.42 1.40 0.00	23.49 1.38 0.00	23.94 1.35 0.00	24.98 1.65 0.00	25.56 1.77 0.00	26.72 1.91 0.00	28.60 1.95 0.00	32.53 2.47 1.04	32.59 3.17 8.58	34.26 2.14 -8.28	32.42 2.09 -6.62	35.49 1.33 -19.93	58.84 1.24 -44.37	54.93 2.08 -30.34	32.71 2.41 -4.83	32.63 2.28 -5.68	27.10 2.15 -1.49	27.69 2.17 -1.51	28.91 1.90 -6.08	20.96 1.62 0.00
LINDHRST_69_KV_BK1 356055	43.14 3.82 0.00	46.95 3.62 -7.11	39.36 3.26 -4.06	26.60 2.12 -1.85	24.03 2.01 0.00	24.05 1.93 0.00	24.51 1.92 0.00	25.54 2.20 0.00	26.23 2.44 0.00	27.94 2.59 -0.55	40.94 3.04 -11.24	41.79 3.72 -6.95	42.22 4.17 -0.05	46.09 2.73 -19.51	42.00 2.85 -15.44	37.78 1.82 -21.73	64.43 1.64 -49.56	65.83 2.82 -40.49	78.33 3.37 -49.49	90.67 3.14 -62.86	337.96 2.86 -311.64	199.22 2.91 -172.30	61.43 2.73 -37.77	51.45 2.36 -29.76
LIPA_MISC_IPP 23656	42.86 3.54 0.00	46.77 3.44 -7.11	39.31 3.20 -4.07	26.48 2.00 -1.85	23.90 1.88 0.00	23.97 1.85 0.00	24.37 1.77 0.00	25.30 1.97 0.00	25.99 2.19 0.00	27.70 2.35 -0.55	40.73 2.84 -11.24	41.59 3.53 -6.95	42.02 3.96 -0.06	45.91 2.54 -19.51	41.82 2.66 -15.44	37.68 1.72 -21.73	111.76 1.55 -96.98	124.24 2.64 -99.09	190.19 3.16 -161.56	150.94 2.90 -123.37	337.48 2.39 -311.64	198.85 2.54 -172.30	80.86 2.64 -57.29	51.36 2.26 -29.76
LISF____SOLAR 323691	42.98 3.66 0.00	46.89 3.56 -7.11	39.42 3.31 -4.07	26.55 2.07 -1.85	23.96 1.95 0.00	24.04 1.92 0.00	24.43 1.84 0.00	25.38 2.04 0.00	26.05 2.26 0.00	27.77 2.41 -0.55	40.81 2.92 -11.24	41.67 3.61 -6.95	42.13 4.07 -0.06	45.97 2.61 -19.51	41.88 2.73 -15.44	37.73 1.77 -21.73	112.42 1.60 -97.60	126.47 2.71 -101.23	191.86 3.26 -163.12	152.24 3.00 -124.57	337.57 2.48 -311.64	198.94 2.63 -172.30	80.76 2.72 -57.11	51.42 2.32 -29.76
LITTLE FALLS____HYD 24013	40.03 0.71 0.00	36.92 0.70 0.00	32.78 0.73 0.00	23.14 0.51 0.00	22.42 0.40 0.00	22.56 0.44 0.00	22.96 0.38 0.00	23.73 0.39 0.00	24.11 0.31 0.00	25.15 0.34 0.00	27.06 0.40 0.00	31.79 0.68 0.00	39.23 1.23 0.00	24.95 1.10 0.00	24.76 1.05 0.00	14.80 0.58 0.00	13.64 0.40 0.00	23.10 0.58 0.00	26.20 0.73 0.00	25.33 0.65 0.00	24.08 0.62 0.00	24.48 0.46 0.00	21.27 0.34 0.00	19.56 0.22 0.00
LITTLRIV_115KV_TB1 356100	38.97 -0.34 0.00	36.02 -0.20 0.00	31.79 -0.26 0.00	22.53 -0.10 0.00	22.08 0.06 0.00	22.30 0.18 0.00	22.91 0.32 0.00	23.46 0.12 0.00	24.05 0.25 -0.01	25.13 0.23 -0.09	26.97 0.19 -0.13	31.70 0.22 -0.37	38.77 0.20 -0.58	23.92 -0.12 -0.18	23.83 0.05 -0.07	14.24 0.02 0.00	13.31 0.08 0.00	22.73 0.16 -0.05	25.48 -0.03 -0.03	24.74 0.02 -0.04	23.66 0.18 -0.02	24.24 0.22 -0.01	21.25 0.31 -0.01	19.63 0.29 0.00
LI_NEWBRDGE____DRP 323616	42.08 2.76 0.00	46.00 2.67 -7.11	38.57 2.47 -4.06	26.11 1.63 -1.85	23.55 1.54 0.00	23.59 1.47 0.00	24.06 1.47 0.00	25.05 1.71 0.00	25.69 1.89 0.00	27.38 2.02 -0.55	40.26 2.37 -11.24	40.96 2.90 -6.95	41.32 3.27 -0.05	45.55 2.19 -19.51	41.47 2.32 -15.44	37.43 1.47 -21.73	59.61 1.32 -45.06	61.31 2.27 -36.53	67.14 2.69 -38.97	84.80 2.53 -57.60	337.51 2.42 -311.64	198.77 2.46 -172.30	59.03 2.23 -35.87	51.02 1.93 -29.76
LOCKPORT_115KV_TB60_63_64 80432	39.72 0.40 0.00	36.14 -0.09 0.00	31.59 -0.46 0.00	22.20 -0.43 0.00	21.89 -0.12 0.00	21.98 -0.14 0.00	22.58 -0.01 0.00	23.18 -0.16 0.00	23.69 -0.11 0.00	24.35 -0.45 0.00	26.41 -0.24 0.00	30.53 -0.58 0.00	36.61 -1.39 -0.01	25.67 -0.70 -2.51	23.92 -1.18 -1.39	12.59 -0.67 0.96	15.86 -0.82 -3.44	22.56 -1.16 -1.20	25.17 -1.13 -0.83	23.72 -0.99 -0.04	22.28 -1.27 -0.09	22.85 -1.16 0.00	20.09 -0.84 0.00	18.56 -0.78 0.00
LOCKPORT____CC1 323769	39.57 0.25 0.00	36.01 -0.22 0.00	31.47 -0.58 0.00	22.11 -0.51 0.00	21.82 -0.19 0.00	21.90 -0.21 0.00	22.51 -0.09 0.00	23.10 -0.24 0.00	23.61 -0.19 0.00	24.28 -0.52 0.00	26.33 -0.33 0.00	30.42 -0.69 0.00	36.47 -1.54 -0.01	25.62 -0.76 -2.53	23.85 -1.26 -1.39	12.26 -0.74 1.23	15.33 -0.86 -2.96	21.66 -1.21 -0.35	24.56 -1.19 -0.28	23.53 -1.03 0.10	22.19 -1.34 -0.07	22.79 -1.23 0.00	20.07 -0.86 0.00	18.52 -0.81 0.00
LOCKPORT____CC2 323770	39.57 0.25 0.00	36.01 -0.22 0.00	31.47 -0.58 0.00	22.11 -0.51 0.00	21.82 -0.19 0.00	21.90 -0.21 0.00	22.51 -0.09 0.00	23.10 -0.24 0.00	23.61 -0.19 0.00	24.28 -0.52 0.00	26.33 -0.33 0.00	30.42 -0.69 0.00	36.47 -1.54 -0.01	25.62 -0.76 -2.53	23.85 -1.26 -1.39	12.26 -0.74 1.23	15.33 -0.86 -2.96	21.66 -1.21 -0.35	24.56 -1.19 -0.28	23.53 -1.03 0.10	22.19 -1.34 -0.07	22.79 -1.23 0.00	20.07 -0.86 0.00	18.52 -0.81 0.00
LOCKPORT____CC3 323771	39.57 0.25 0.00	36.01 -0.22 0.00	31.47 -0.58 0.00	22.11 -0.51 0.00	21.82 -0.19 0.00	21.90 -0.21 0.00	22.51 -0.09 0.00	23.10 -0.24 0.00	23.61 -0.19 0.00	24.28 -0.52 0.00	26.33 -0.33 0.00	30.42 -0.69 0.00	36.47 -1.54 -0.01	25.62 -0.76 -2.53	23.85 -1.26 -1.39	12.26 -0.74 1.23	15.33 -0.86 -2.96	21.66 -1.21 -0.35	24.56 -1.19 -0.28	23.53 -1.03 0.10	22.19 -1.34 -0.07	22.79 -1.23 0.00	20.07 -0.86 0.00	18.52 -0.81 0.00

LONG_LAKE_PHOENIX 24014	39.03 -0.29 0.00	35.94 -0.29 0.00	31.69 -0.36 0.00	22.29 -0.34 0.00	21.67 -0.34 0.00	21.76 -0.36 0.00	22.26 -0.33 0.00	23.07 -0.26 0.00	23.64 -0.25 -0.10	25.62 -0.26 -1.08	27.84 -0.25 -1.43	35.05 -0.29 -4.23	44.24 -0.42 -6.67	27.08 -0.25 -3.48	24.97 -0.38 -1.64	15.46 -0.20 -1.43	15.16 -0.21 -2.14	23.34 -0.41 -1.23	25.81 -0.47 -0.81	24.75 -0.43 -0.51	23.30 -0.45 -0.29	23.72 -0.46 -0.16	20.59 -0.43 -0.09	18.90 -0.44 0.00
LOVETT___3 23632	41.50 2.19 0.00	38.32 2.10 0.00	33.91 1.86 0.00	20.99 1.30 2.94	23.24 1.23 0.00	23.31 1.20 0.00	23.79 1.20 0.00	24.79 1.46 0.00	25.37 1.57 0.00	26.54 1.74 0.00	28.50 1.85 0.00	33.45 2.34 0.00	41.02 2.97 -0.05	44.72 2.04 -18.83	37.08 1.98 -11.39	34.72 1.26 -19.24	59.39 1.18 -44.98	62.65 2.02 -38.11	52.91 2.32 -25.12	25.49 2.17 1.36	27.01 2.00 -1.55	21.99 1.98 4.01	-5.28 1.68 27.90	20.74 1.40 0.00
LOVETT___4 23642	41.50 2.19 0.00	38.32 2.10 0.00	33.91 1.86 0.00	20.99 1.30 2.94	23.24 1.23 0.00	23.31 1.20 0.00	23.79 1.20 0.00	24.79 1.46 0.00	25.37 1.57 0.00	26.54 1.74 0.00	28.50 1.85 0.00	33.45 2.34 0.00	41.02 2.97 -0.05	44.72 2.04 -18.83	37.08 1.98 -11.39	34.72 1.26 -19.24	59.39 1.18 -44.98	62.65 2.02 -38.11	52.91 2.32 -25.12	25.49 2.17 1.36	27.01 2.00 -1.55	21.99 1.98 4.01	-5.28 1.68 27.90	20.74 1.40 0.00
LOVETT___5 23593	41.50 2.19 0.00	38.32 2.10 0.00	33.91 1.86 0.00	20.99 1.30 2.94	23.24 1.23 0.00	23.31 1.20 0.00	23.79 1.20 0.00	24.79 1.46 0.00	25.37 1.57 0.00	26.54 1.74 0.00	28.50 1.85 0.00	33.45 2.34 0.00	41.02 2.97 -0.05	44.72 2.04 -18.83	37.08 1.98 -11.39	34.72 1.26 -19.24	59.39 1.18 -44.98	62.65 2.02 -38.11	52.91 2.32 -25.12	25.49 2.17 1.36	27.01 2.00 -1.55	21.99 1.98 4.01	-5.28 1.68 27.90	20.74 1.40 0.00
LOWER_RAQUET___HYD 24057	38.34 -0.97 0.00	35.47 -0.75 0.00	31.30 -0.75 0.00	22.20 -0.43 0.00	21.79 -0.23 0.00	22.00 -0.12 0.00	22.64 0.04 0.00	23.17 -0.17 0.00	23.78 -0.03 -0.01	24.87 -0.03 -0.10	26.66 -0.13 -0.13	31.37 -0.14 -0.39	38.39 -0.22 -0.62	23.64 -0.40 -0.20	23.55 -0.24 -0.08	14.07 -0.15 0.00	13.16 -0.07 0.00	22.45 -0.12 -0.05	25.17 -0.34 -0.03	24.47 -0.25 -0.05	23.39 -0.10 -0.02	23.95 -0.08 -0.02	21.01 0.07 -0.01	19.43 0.09 0.00
LOWER___HUDSON 24059	40.86 1.54 0.00	37.84 1.62 0.00	33.61 1.56 0.00	24.14 1.12 -0.39	23.06 1.05 0.00	23.18 1.06 0.00	23.57 0.97 0.00	24.29 0.95 0.00	24.75 0.96 0.00	25.83 1.02 0.00	27.68 1.02 0.00	32.49 1.37 0.00	39.89 1.82 -0.07	49.55 1.33 -24.37	39.70 1.24 -14.75	39.91 0.73 -24.96	58.63 0.66 -44.74	48.39 1.10 -24.76	43.27 1.21 -16.59	30.01 1.21 -4.12	25.95 1.20 -1.29	25.73 1.18 -0.54	25.64 0.97 -3.74	20.21 0.87 0.00
LOWVILLE_115KV_TB2 356335	40.14 0.82 0.00	37.16 0.93 0.00	32.69 0.64 0.00	22.96 0.33 0.00	22.60 0.58 0.00	22.74 0.63 0.00	23.36 0.77 0.00	24.12 0.79 0.00	24.73 0.92 -0.02	25.97 0.94 -0.23	27.92 0.96 -0.31	33.36 1.34 -0.90	40.77 1.35 -1.43	25.26 0.33 -1.08	24.36 0.09 -0.55	15.21 0.33 -0.65	14.54 0.32 -0.98	23.30 0.36 -0.42	25.77 0.02 -0.28	25.09 0.30 -0.12	24.06 0.53 -0.07	24.64 0.60 -0.03	21.44 0.49 -0.02	19.74 0.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.74 2.43 0.00	38.52 2.30 0.00	34.16 2.11 0.00	24.49 1.48 -0.37	23.44 1.42 0.00	23.56 1.43 0.00	23.96 1.37 0.00	24.75 1.41 0.00	25.24 1.44 0.00	26.36 1.56 0.00	28.28 1.62 0.00	33.21 2.10 0.00	40.75 2.68 -0.07	50.56 1.86 -24.85	40.52 1.78 -15.03	40.70 1.04 -25.44	59.30 0.93 -45.15	48.45 1.53 -24.40	43.55 1.72 -16.36	30.28 1.66 -3.94	26.38 1.62 -1.29	26.15 1.63 -0.51	25.81 1.33 -3.55	20.51 1.17 0.00
LUTHERNY_35_KV_BK2 355980	41.78 2.47 0.00	38.54 2.32 0.00	34.16 2.11 0.00	24.49 1.49 -0.37	23.45 1.44 0.00	23.58 1.46 0.00	23.97 1.38 0.00	24.78 1.44 0.00	25.26 1.46 0.00	26.39 1.58 0.00	28.30 1.65 0.00	33.28 2.17 0.00	40.83 2.77 -0.07	50.60 1.90 -24.85	40.56 1.81 -15.03	40.72 1.06 -25.44	59.32 0.94 -45.15	48.49 1.56 -24.40	43.58 1.75 -16.36	30.30 1.68 -3.94	26.39 1.64 -1.29	26.17 1.65 -0.51	25.83 1.35 -3.55	20.51 1.18 0.00
LWR___OSWEGATCHIE_HYD 23850	39.29 -0.03 0.00	36.33 0.10 0.00	32.00 -0.05 0.00	22.57 -0.05 0.00	22.19 0.18 0.00	22.38 0.26 0.00	23.01 0.42 0.00	23.65 0.31 0.00	24.27 0.46 -0.02	25.47 0.46 -0.20	27.36 0.44 -0.26	32.51 0.62 -0.78	39.81 0.59 -1.23	24.67 -0.03 -0.85	24.07 -0.07 -0.43	14.79 0.09 -0.48	14.08 0.12 -0.72	22.95 0.10 -0.33	25.53 -0.16 -0.22	24.79 0.02 -0.10	23.73 0.20 -0.06	24.28 0.24 -0.03	21.21 0.26 -0.02	19.56 0.22 0.00
LYONS_FALL_HYD 23570	40.36 1.04 0.00	37.27 1.05 0.00	32.83 0.79 0.00	23.08 0.45 0.00	22.63 0.61 0.00	22.76 0.63 0.00	23.33 0.74 0.00	24.11 0.78 0.00	24.70 0.89 -0.01	25.91 0.93 -0.17	27.87 0.99 -0.22	33.11 1.34 -0.66	40.49 1.45 -1.04	25.36 0.58 -0.93	24.59 0.39 -0.49	15.26 0.41 -0.62	14.54 0.38 -0.93	23.41 0.52 -0.37	26.06 0.33 -0.25	25.25 0.49 -0.09	24.13 0.61 -0.06	24.68 0.64 -0.03	21.46 0.52 -0.01	19.76 0.42 0.00
MADISON___COUNTY_LFGE 323628	40.81 1.50 0.00	37.50 1.27 0.00	33.08 1.03 0.00	23.28 0.65 0.00	22.69 0.67 0.00	22.79 0.67 0.00	23.31 0.72 0.00	24.13 0.79 0.00	24.70 0.89 -0.02	25.93 0.94 -0.18	27.95 1.05 -0.24	33.23 1.42 -0.70	40.73 1.63 -1.10	26.16 0.95 -1.35	25.23 0.77 -0.74	15.81 0.53 -1.05	15.25 0.44 -1.58	23.80 0.71 -0.57	26.60 0.73 -0.39	25.48 0.71 -0.10	24.22 0.68 -0.08	24.71 0.67 -0.03	21.47 0.53 -0.02	19.75 0.42 0.00
MALONE___115KV_TB1 356076	38.72 -0.60 0.00	35.92 -0.30 0.00	31.87 -0.18 0.00	22.52 -0.11 0.00	21.98 -0.04 0.00	22.18 0.06 0.00	22.70 0.11 0.00	23.31 -0.02 0.00	23.82 0.02 0.00	24.82 0.01 0.00	26.56 -0.10 0.00	30.85 -0.26 0.00	37.72 -0.27 0.00	23.54 -0.31 0.00	23.51 -0.20 0.00	14.08 -0.14 0.00	13.16 -0.08 0.00	22.44 -0.08 0.00	25.28 -0.19 0.00	24.43 -0.24 0.00	23.40 -0.07 0.00	24.01 0.00 0.00	21.14 0.21 0.00	19.54 0.20 0.00
MAPLEWOD_115KV_TB3 80458	40.90 1.58 0.00	37.82 1.60 0.00	33.66 1.62 0.00	24.16 1.14 -0.38	23.03 1.02 0.00	23.14 1.02 0.00	23.54 0.96 0.00	24.28 0.95 0.00	24.78 0.99 0.00	25.86 1.06 0.00	27.76 1.11 0.00	32.58 1.47 0.00	39.97 1.91 -0.07	49.59 1.41 -24.32	39.76 1.33 -14.72	39.92 0.79 -24.91	58.53 0.70 -44.60	48.28 1.12 -24.63	43.21 1.24 -16.50	29.91 1.18 -4.06	25.89 1.14 -1.29	25.67 1.13 -0.52	25.53 0.94 -3.66	20.19 0.85 0.00
MAPLE_RIDGE_WT_1 323574	38.86 -0.46 0.00	35.93 -0.29 0.00	31.77 -0.28 0.00	22.40 -0.22 0.00	21.87 -0.14 0.00	22.01 -0.10 0.00	22.50 -0.08 0.00	23.22 -0.12 0.00	23.68 -0.12 0.00	24.68 -0.13 0.00	26.45 -0.20 0.00	30.92 -0.19 0.00	37.72 -0.27 0.00	23.58 -0.28 0.00	23.29 -0.42 0.00	13.99 -0.23 0.00	13.06 -0.17 0.00	22.30 -0.22 0.00	25.02 -0.45 0.00	24.32 -0.36 0.00	23.18 -0.28 0.00	23.77 -0.24 0.00	20.78 -0.15 0.00	19.25 -0.09 0.00

MAPLE_RIDGE_WT_2 323611	38.86 -0.46 0.00	35.93 -0.29 0.00	31.77 -0.28 0.00	22.40 -0.22 0.00	21.87 -0.14 0.00	22.01 -0.10 0.00	22.50 -0.08 0.00	23.22 -0.12 0.00	23.68 -0.12 0.00	24.68 -0.13 0.00	26.45 -0.20 0.00	30.92 -0.19 0.00	37.72 -0.27 0.00	23.58 -0.28 0.00	23.29 -0.42 0.00	13.99 -0.23 0.00	13.06 -0.17 0.00	22.30 -0.22 0.00	25.02 -0.45 0.00	24.32 -0.36 0.00	23.18 -0.28 0.00	23.77 -0.24 0.00	20.78 -0.15 0.00	19.25 -0.09 0.00
MARBLE_RIVER_WT_PWR 323696	38.13 -1.19 0.00	35.49 -0.73 0.00	31.64 -0.41 0.00	22.33 -0.30 0.00	21.75 -0.26 0.00	21.95 -0.17 0.00	22.40 -0.19 0.00	23.02 -0.32 0.00	23.45 -0.35 0.00	24.43 -0.37 0.00	26.08 -0.58 0.00	30.25 -0.86 0.00	37.00 -1.00 0.00	23.12 -0.73 0.00	23.07 -0.64 0.00	13.81 -0.41 0.00	12.89 -0.34 0.00	22.00 -0.52 0.00	24.81 -0.66 0.00	23.96 -0.71 0.00	22.94 -0.52 0.00	23.58 -0.44 0.00	20.87 -0.06 0.00	19.32 -0.02 0.00
MARSHVLE_115KV_TB1 80742	42.91 3.60 0.00	39.21 2.99 0.00	34.53 2.48 0.00	24.52 1.62 -0.27	23.66 1.64 0.00	23.79 1.67 0.00	24.37 1.78 0.00	25.24 1.90 0.00	25.76 1.96 0.00	26.80 1.99 0.00	28.88 2.23 0.00	33.63 2.52 0.00	41.06 2.98 -0.08	55.42 1.90 -29.67	43.65 1.98 -17.95	45.84 1.17 -30.45	64.89 1.02 -50.64	47.25 1.67 -23.06	43.11 2.04 -15.59	29.74 2.05 -3.01	26.64 1.81 -1.37	26.17 1.79 -0.36	25.02 1.56 -2.53	20.71 1.37 0.00
MARSH_HILL_WT_PWR 323713	40.90 1.58 0.00	37.21 0.99 0.00	32.48 0.43 0.00	22.73 0.10 0.00	22.51 0.49 0.00	22.73 0.61 0.00	23.12 0.53 0.00	23.91 0.58 0.00	24.33 0.52 -0.01	25.33 0.41 -0.12	27.48 0.66 -0.16	32.43 0.85 -0.47	39.69 0.94 -0.75	28.17 0.67 -3.65	26.41 -0.07 -2.76	34.31 -0.24 -20.32	19.66 -0.65 -7.08	22.16 -0.85 -0.49	25.71 -0.16 -0.39	24.46 -0.12 0.09	23.34 -0.24 -0.12	23.69 -0.34 -0.02	20.94 0.00 -0.01	19.38 0.04 0.00
MCINTYRE_115KV_TB2 80467	39.35 0.03 0.00	36.34 0.11 0.00	32.09 0.04 0.00	22.74 0.11 0.00	22.24 0.22 0.00	22.43 0.31 0.00	23.01 0.42 0.00	23.57 0.23 0.00	24.13 0.33 0.00	25.08 0.27 0.00	26.93 0.27 0.00	31.39 0.28 0.00	38.28 0.29 0.00	23.82 -0.04 0.00	23.85 0.13 0.00	14.29 0.06 0.00	13.36 0.13 0.00	22.77 0.25 0.00	25.56 0.09 0.00	24.78 0.11 0.00	23.73 0.27 0.00	24.35 0.34 0.00	21.32 0.39 0.00	19.71 0.37 0.00
MECO____69_KV_BK1 80468	44.68 5.36 0.00	40.91 4.69 0.00	36.00 3.95 0.00	25.57 2.65 -0.30	24.63 2.61 0.00	24.75 2.63 0.00	25.26 2.67 0.00	26.06 2.72 0.00	26.27 2.47 0.00	26.96 2.15 0.00	29.80 3.15 0.00	34.59 3.48 0.00	42.56 4.49 -0.08	55.90 3.86 -28.19	44.80 4.03 -17.06	45.42 2.28 -28.91	64.21 2.06 -48.92	48.96 3.04 -23.41	44.77 3.51 -15.79	31.29 3.35 -3.27	27.90 3.10 -1.34	27.49 3.07 -0.40	26.34 2.59 -2.82	21.58 2.24 0.00
MENANDS__115KV_TB5 355628	40.26 0.94 0.00	37.31 1.09 0.00	33.27 1.22 0.00	23.91 0.89 -0.39	22.77 0.75 0.00	22.87 0.75 0.00	23.27 0.68 0.00	23.98 0.65 0.00	24.46 0.67 0.00	25.53 0.73 0.00	27.37 0.72 0.00	32.10 0.98 0.00	39.38 1.32 -0.07	49.05 1.02 -24.18	39.28 0.94 -14.63	39.53 0.55 -24.76	58.20 0.50 -44.46	48.04 0.81 -24.71	42.92 0.90 -16.55	29.64 0.87 -4.10	25.61 0.86 -1.29	25.38 0.84 -0.53	25.34 0.71 -3.70	20.00 0.66 0.00
MG INDUSTRY__DRP 24185	39.43 0.11 0.00	36.63 0.40 0.00	32.69 0.64 0.00	23.45 0.47 -0.35	22.37 0.36 0.00	22.47 0.36 0.00	22.89 0.30 0.00	23.61 0.28 0.00	24.06 0.26 0.00	25.08 0.27 0.00	26.82 0.16 0.00	31.38 0.27 0.00	38.50 0.43 -0.07	47.86 0.43 -23.57	38.34 0.36 -14.26	38.55 0.21 -24.12	57.10 0.19 -43.68	47.56 0.32 -24.73	42.39 0.37 -16.54	28.97 0.36 -3.94	25.10 0.36 -1.27	24.99 0.50 -0.48	24.96 0.72 -3.31	20.05 0.71 0.00
MID__OSWEGATCHIE_HYD 23849	39.29 -0.03 0.00	36.33 0.10 0.00	32.00 -0.05 0.00	22.57 -0.05 0.00	22.19 0.18 0.00	22.38 0.26 0.00	23.01 0.42 0.00	23.65 0.31 0.00	24.27 0.46 -0.02	25.47 0.46 -0.20	27.36 0.44 -0.26	32.51 0.62 -0.78	39.81 0.59 -1.23	24.67 -0.03 -0.85	24.07 -0.07 -0.43	14.79 0.09 -0.48	14.08 0.12 -0.72	22.95 0.10 -0.33	25.53 -0.16 -0.22	24.79 0.02 -0.10	23.73 0.20 -0.06	24.28 0.24 -0.03	21.21 0.26 -0.02	19.56 0.22 0.00
MID__RAQUETTE_HYD 23851	38.34 -0.97 0.00	35.47 -0.75 0.00	31.30 -0.75 0.00	22.20 -0.43 0.00	21.79 -0.23 0.00	22.00 -0.12 0.00	22.64 0.04 0.00	23.17 -0.17 0.00	23.78 -0.03 -0.01	24.87 -0.03 -0.10	26.66 -0.13 -0.13	31.37 -0.14 -0.39	38.39 -0.23 -0.62	23.64 -0.40 -0.20	23.55 -0.24 -0.08	14.07 -0.15 0.00	13.16 -0.07 0.00	22.46 -0.12 -0.05	25.17 -0.33 -0.03	24.47 -0.25 -0.05	23.39 -0.09 -0.02	23.95 -0.07 -0.02	21.01 0.07 -0.01	19.43 0.09 0.00
MILLIKEN__1 23584	40.69 1.37 0.00	37.34 1.11 0.00	32.90 0.85 0.00	23.15 0.52 0.00	22.57 0.56 0.00	22.68 0.56 0.00	23.21 0.62 0.00	24.04 0.70 0.00	24.56 0.73 -0.03	25.94 0.74 -0.39	27.99 0.82 -0.52	33.66 1.03 -1.53	41.75 1.34 -2.42	28.81 0.88 -4.08	26.76 0.70 -2.35	19.44 0.45 -4.76	18.37 0.36 -4.78	23.61 0.55 -0.54	26.52 0.63 -0.42	25.33 0.65 -0.01	24.17 0.53 -0.18	24.57 0.50 -0.06	21.34 0.38 -0.03	19.62 0.28 0.00
MILLIKEN__2 23585	40.69 1.37 0.00	37.34 1.11 0.00	32.90 0.85 0.00	23.15 0.52 0.00	22.57 0.56 0.00	22.68 0.56 0.00	23.21 0.62 0.00	24.04 0.70 0.00	24.56 0.73 -0.03	25.94 0.74 -0.39	27.99 0.82 -0.52	33.66 1.03 -1.53	41.75 1.34 -2.42	28.81 0.88 -4.08	26.76 0.70 -2.35	19.44 0.45 -4.76	18.37 0.36 -4.78	23.61 0.55 -0.54	26.52 0.63 -0.42	25.33 0.65 -0.01	24.17 0.53 -0.18	24.57 0.50 -0.06	21.34 0.38 -0.03	19.62 0.28 0.00
MILLIKEN__DIESEL 23629	40.69 1.37 0.00	37.34 1.11 0.00	32.90 0.85 0.00	23.15 0.52 0.00	22.57 0.56 0.00	22.68 0.56 0.00	23.21 0.62 0.00	24.04 0.70 0.00	24.56 0.73 -0.03	25.94 0.74 -0.39	27.99 0.82 -0.52	33.66 1.03 -1.53	41.75 1.34 -2.42	28.81 0.88 -4.08	26.76 0.70 -2.35	19.44 0.45 -4.76	18.37 0.36 -4.78	23.61 0.55 -0.54	26.52 0.63 -0.42	25.33 0.65 -0.01	24.17 0.53 -0.18	24.57 0.50 -0.06	21.34 0.38 -0.03	19.62 0.28 0.00
MILLSEAT__LFGE 323607	40.69 1.37 0.00	37.02 0.79 0.00	32.35 0.30 0.00	22.73 0.10 0.00	22.38 0.36 0.00	22.47 0.35 0.00	23.09 0.50 0.00	23.72 0.39 0.00	24.27 0.47 0.00	25.02 0.22 0.00	27.12 0.47 0.00	31.38 0.27 0.00	37.67 -0.33 -0.01	26.27 -0.01 -1.36	24.54 -0.54 -1.36	13.48 -0.30 0.44	16.17 -0.45 -3.39	23.13 -0.54 -1.16	25.83 -0.45 -0.80	24.37 -0.34 -0.04	22.88 -0.67 -0.09	23.44 -0.57 0.00	20.54 -0.39 0.00	18.92 -0.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.64 2.32 0.00	38.47 2.25 0.00	34.08 2.03 0.00	26.14 1.43 -2.09	23.36 1.35 0.00	23.45 1.33 0.00	23.91 1.32 0.00	24.90 1.56 0.00	25.47 1.68 0.00	26.64 1.84 0.00	28.60 1.95 0.00	33.57 2.46 0.00	41.14 3.09 -0.05	45.35 2.11 -19.38	37.51 2.07 -11.73	35.34 1.31 -19.81	58.94 1.22 -44.49	60.53 2.09 -35.93	51.59 2.40 -23.72	37.24 2.26 -10.31	27.06 2.10 -1.50	28.96 2.10 -2.85	42.55 1.78 -19.84	20.84 1.50 0.00

MILLWOOD_13_KV_LOAD 356217	41.82 2.50 0.00	38.62 2.40 0.00	34.22 2.17 0.00	26.23 1.52 -2.09	23.46 1.45 0.00	23.53 1.41 0.00	24.00 1.40 0.00	24.99 1.66 0.00	25.57 1.78 0.00	26.75 1.95 0.00	28.74 2.08 0.00	33.73 2.62 0.00	41.37 3.32 -0.05	45.48 2.24 -19.38	37.64 2.20 -11.73	35.42 1.39 -19.81	59.02 1.30 -44.49	60.66 2.21 -35.93	51.74 2.55 -23.72	37.38 2.39 -10.31	27.17 2.21 -1.50	29.07 2.21 -2.85	42.64 1.87 -19.84	20.91 1.57 0.00
MODEL_CITY_ENERGY 24167	39.36 0.04 0.00	35.81 -0.41 0.00	31.31 -0.74 0.00	22.02 -0.61 0.00	21.72 -0.30 0.00	21.81 -0.31 0.00	22.40 -0.18 0.00	22.98 -0.36 0.00	23.48 -0.32 0.00	24.12 -0.68 0.00	26.16 -0.49 0.00	30.22 -0.89 0.00	36.21 -1.79 -0.01	25.51 -0.90 -2.56	23.75 -1.38 -1.41	12.35 -0.76 1.11	15.32 -0.92 -3.01	21.56 -1.31 -0.35	24.44 -1.32 -0.28	23.41 -1.15 0.10	22.08 -1.45 -0.07	22.67 -1.35 0.00	19.89 -1.04 0.00	18.36 -0.97 0.00
MODERN_LFGE_ 323580	39.36 0.04 0.00	35.81 -0.41 0.00	31.31 -0.74 0.00	22.02 -0.61 0.00	21.72 -0.30 0.00	21.81 -0.31 0.00	22.40 -0.18 0.00	22.98 -0.36 0.00	23.48 -0.32 0.00	24.12 -0.68 0.00	26.16 -0.49 0.00	30.22 -0.89 0.00	36.21 -1.79 -0.01	25.51 -0.90 -2.56	23.75 -1.38 -1.41	12.35 -0.76 1.11	15.32 -0.92 -3.01	21.56 -1.31 -0.35	24.44 -1.32 -0.28	23.41 -1.15 0.10	22.08 -1.45 -0.07	22.67 -1.35 0.00	19.89 -1.04 0.00	18.36 -0.97 0.00
MOHAWK_PAPER___DRP 24187	40.90 1.58 0.00	37.82 1.60 0.00	33.66 1.62 0.00	24.16 1.14 -0.38	23.03 1.02 0.00	23.14 1.02 0.00	23.54 0.96 0.00	24.28 0.95 0.00	24.78 0.99 0.00	25.86 1.06 0.00	27.76 1.11 0.00	32.58 1.47 0.00	39.97 1.91 -0.07	49.59 1.41 -24.32	39.76 1.33 -14.72	39.92 0.79 -24.91	58.53 0.70 -44.60	48.28 1.12 -24.63	43.21 1.24 -16.50	29.91 1.18 -4.06	25.89 1.14 -1.29	25.67 1.13 -0.52	25.53 0.94 -3.66	20.19 0.85 0.00
MOHICAN__35_KV_115KV_LD 80490	42.07 2.75 0.00	38.78 2.55 0.00	34.40 2.35 0.00	24.68 1.68 -0.37	23.65 1.64 0.00	23.76 1.64 0.00	24.12 1.53 0.00	24.90 1.57 0.00	25.40 1.60 0.00	26.59 1.78 0.00	28.46 1.81 0.00	33.43 2.31 0.00	41.03 2.97 -0.07	50.77 2.04 -24.87	40.69 1.93 -15.05	40.81 1.11 -25.47	59.40 1.00 -45.17	48.53 1.63 -24.38	43.69 1.87 -16.35	30.39 1.78 -3.93	26.56 1.81 -1.29	26.36 1.84 -0.51	25.96 1.49 -3.54	20.66 1.32 0.00
MONGAUP___HYD 23641	42.03 2.72 0.00	38.84 2.62 0.00	34.36 2.31 0.00	22.50 1.59 1.72	23.54 1.52 0.00	23.63 1.51 0.00	24.12 1.53 0.00	25.09 1.75 0.00	25.62 1.83 0.00	26.68 1.87 0.00	28.69 2.03 0.00	33.52 2.40 0.00	41.02 2.98 -0.05	42.92 1.72 -17.35	35.95 1.74 -10.50	32.83 0.90 -17.72	60.44 0.86 -46.35	68.29 1.73 -44.04	56.68 2.27 -28.94	28.63 2.31 -1.65	27.48 2.33 -1.69	24.00 2.33 2.34	6.55 1.91 16.29	20.93 1.59 0.00
MONTAUK___DIESEL 23721	44.95 5.63 0.00	48.75 5.42 -7.11	41.30 5.19 -4.07	27.83 3.34 -1.85	25.17 3.16 0.00	25.27 3.15 0.00	25.64 3.05 0.00	26.70 3.37 0.00	27.40 3.60 0.00	29.29 3.94 -0.55	42.05 4.16 -11.24	43.51 5.45 -6.95	44.65 6.59 -0.06	47.64 4.28 -19.51	43.49 4.34 -15.44	38.71 2.75 -21.73	113.00 2.52 -97.25	126.80 4.36 -99.93	192.84 5.12 -162.24	153.32 4.78 -123.87	339.09 3.99 -311.64	200.35 4.04 -172.30	82.34 4.17 -57.24	52.51 3.42 -29.76
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.66 1.35 0.00	36.74 0.52 0.00	31.98 -0.06 0.00	22.38 -0.25 0.00	22.34 0.33 0.00	22.44 0.32 0.00	23.01 0.42 0.00	23.82 0.48 0.00	24.22 0.43 0.00	25.07 0.27 0.00	27.40 0.75 0.00	31.85 0.74 0.00	38.06 0.06 -0.01	26.97 0.16 -2.96	24.45 -0.92 -1.66	13.14 -0.56 0.52	16.25 -0.56 -3.57	22.62 -0.29 -0.39	25.78 -0.01 -0.32	24.62 0.07 0.12	23.27 -0.27 -0.08	24.02 0.00 0.00	21.01 0.08 0.00	19.26 -0.08 0.00
MORTIMER_115KV_TB3 55949	40.34 1.02 0.00	36.85 0.62 0.00	32.29 0.24 0.00	22.70 0.07 0.00	22.24 0.22 0.00	22.33 0.21 0.00	22.91 0.31 0.00	23.62 0.28 0.00	24.16 0.37 0.00	25.01 0.21 0.00	27.06 0.40 0.00	31.40 0.28 0.00	37.96 -0.04 -0.01	25.99 0.07 -2.07	24.66 -0.31 -1.26	16.17 -0.23 -2.18	16.23 -0.27 -3.26	23.15 -0.36 -0.99	25.88 -0.28 -0.69	24.47 -0.24 -0.04	23.09 -0.45 -0.08	23.61 -0.40 0.00	20.60 -0.33 0.00	19.00 -0.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.86 2.54 0.00	38.69 2.47 0.00	34.29 2.25 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.51 0.00	24.08 1.49 0.00	25.11 1.77 0.00	25.70 1.90 0.00	26.87 2.06 0.00	28.81 2.16 0.00	33.78 2.67 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.73 2.22 -11.80	35.56 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.43 2.55 -23.41	37.10 2.41 -10.02	27.22 2.27 -1.49	28.86 2.30 -2.55	40.68 2.00 -17.75	21.04 1.70 0.00
MUNSVILLE_WIND_PWR 323609	43.29 3.98 0.00	39.52 3.30 0.00	34.83 2.78 0.00	24.51 1.88 0.00	23.93 1.92 0.00	24.06 1.95 0.00	24.65 2.06 0.00	25.59 2.25 0.00	26.10 2.29 -0.02	27.29 2.23 -0.24	29.51 2.53 -0.32	34.88 2.82 -0.95	43.38 3.87 -1.52	31.86 2.61 -5.40	29.09 2.19 -3.19	22.20 1.39 -6.59	21.47 1.08 -7.16	24.10 1.79 0.21	27.72 2.27 0.02	26.53 2.18 0.31	25.45 1.81 -0.17	25.72 1.67 -0.03	22.38 1.43 -0.02	20.65 1.31 0.00
N SALMON___HYD 24042	38.71 -0.60 0.00	35.92 -0.30 0.00	31.87 -0.17 0.00	22.52 -0.11 0.00	21.98 -0.04 0.00	22.18 0.06 0.00	22.70 0.11 0.00	23.31 -0.02 0.00	23.82 0.02 0.00	24.82 0.01 0.00	26.56 -0.10 0.00	30.85 -0.26 0.00	37.72 -0.27 0.00	23.54 -0.31 0.00	23.51 -0.20 0.00	14.08 -0.14 0.00	13.16 -0.08 0.00	22.43 -0.08 0.00	25.28 -0.20 0.00	24.43 -0.24 0.00	23.40 -0.07 0.00	24.01 0.00 0.00	21.14 0.21 0.00	19.54 0.20 0.00
N.AKRON__115KV_KNAPP 355671	40.50 1.18 0.00	36.83 0.61 0.00	32.19 0.14 0.00	22.62 -0.01 0.00	22.29 0.27 0.00	22.37 0.25 0.00	22.98 0.40 0.00	23.61 0.28 0.00	24.15 0.35 0.00	24.87 0.06 0.00	26.96 0.31 0.00	31.20 0.08 0.00	37.44 -0.56 -0.01	26.13 -0.18 -2.46	24.39 -0.70 -1.37	13.19 -0.39 0.65	16.10 -0.55 -3.41	22.98 -0.71 -1.17	25.65 -0.63 -0.81	24.20 -0.52 -0.04	22.74 -0.82 -0.09	23.30 -0.72 0.00	20.44 -0.49 0.00	18.86 -0.48 0.00
N.BELMOR_69_KV_BK1 55787	42.49 3.17 0.00	46.40 3.08 -7.11	38.91 2.80 -4.06	26.34 1.86 -1.85	23.76 1.75 0.00	23.79 1.68 0.00	24.27 1.68 0.00	25.30 1.97 0.00	25.95 2.16 0.00	27.65 2.30 -0.55	40.52 2.62 -11.24	41.34 3.27 -6.95	41.84 3.79 -0.05	45.82 2.46 -19.51	41.73 2.58 -15.44	37.61 1.66 -21.73	59.79 1.50 -45.06	61.61 2.56 -36.53	67.47 3.03 -38.97	85.16 2.89 -57.60	337.84 2.74 -311.64	199.08 2.77 -172.30	59.21 2.41 -35.87	51.15 2.06 -29.76
N.E._GEN_SANDY PD 24062	38.71 1.53 2.14	37.84 1.62 0.00	33.59 1.54 0.00	24.33 1.10 -0.61	23.06 1.05 0.00	23.18 1.05 0.00	23.57 0.98 0.00	24.34 1.01 0.00	24.82 1.02 0.00	25.90 1.10 0.00	27.71 1.09 0.03	32.56 1.45 0.00	39.96 1.91 -0.06	47.19 1.39 -21.95	37.78 1.32 -12.74	37.03 0.81 -21.99	57.82 0.75 -43.83	52.55 1.29 -28.75	46.04 1.45 -19.11	32.12 1.44 -6.02	26.22 1.40 -1.35	26.22 1.37 -0.83	27.38 1.11 -5.34	20.31 0.98 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.63 2.31 0.00	38.42 2.20 0.00	34.00 1.95 0.00	21.10 1.36 2.89	23.30 1.28 0.00	23.38 1.26 0.00	23.85 1.26 0.00	24.85 1.51 0.00	25.44 1.64 0.00	26.61 1.81 0.00	28.60 1.94 0.00	33.57 2.46 0.00	41.16 3.12 -0.05	44.77 2.13 -18.79	37.15 2.07 -11.37	34.73 1.31 -19.19	59.48 1.24 -45.01	62.90 2.12 -38.27	53.12 2.42 -25.23	25.69 2.26 1.24	27.09 2.08 -1.56	22.14 2.06 3.93	-4.69 1.74 27.35	20.78 1.45 0.00
N.QUEENS_27_KV_LOAD 356247	41.98 2.66 0.00	38.72 2.49 0.00	34.36 2.31 0.00	26.15 1.65 -1.87	23.63 1.61 0.00	23.68 1.56 0.00	24.07 1.48 0.00	25.16 1.82 0.00	25.71 1.92 0.00	26.85 2.05 0.00	28.80 2.15 0.00	33.80 2.68 0.00	41.48 3.43 -0.05	45.69 2.34 -19.50	37.78 2.27 -11.80	35.59 1.43 -19.93	58.95 1.34 -44.38	60.24 2.27 -35.45	51.50 2.61 -23.41	37.20 2.51 -10.02	27.32 2.36 -1.49	28.94 2.37 -2.55	40.77 2.09 -17.75	21.12 1.79 0.00
N.TROY___115KV_TB1 355778	40.86 1.55 0.00	37.84 1.62 0.00	33.61 1.57 0.00	24.14 1.12 -0.39	23.06 1.05 0.00	23.18 1.06 0.00	23.56 0.97 0.00	24.29 0.95 0.00	24.75 0.96 0.00	25.83 1.02 0.00	27.68 1.02 0.00	32.49 1.37 0.00	39.88 1.82 -0.07	49.56 1.33 -24.37	39.71 1.25 -14.75	39.91 0.73 -24.96	58.63 0.66 -44.74	48.39 1.10 -24.76	43.27 1.21 -16.59	30.01 1.21 -4.12	25.95 1.20 -1.29	25.73 1.18 -0.54	25.64 0.97 -3.74	20.21 0.87 0.00
NARROWS_GT1_1 24228	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT1_2 24229	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT1_3 24230	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT1_4 24231	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT1_5 24232	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT1_6 24233	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT1_7 24234	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT1_8 24235	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT2_1 24236	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT2_2 24237	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT2_3 24238	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT2_4 24239	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52

NARROWS_GT2_5 24240	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT2_6 24241	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT2_7 24242	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NARROWS_GT2_8 24243	41.99 2.68 0.00	38.84 2.62 0.00	34.48 2.43 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.24 0.00	29.00 2.35 0.00	33.98 2.86 0.00	41.59 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.26 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.79 1.47 0.00	37.87 1.65 0.00	33.79 1.75 0.00	24.14 1.25 -0.26	23.08 1.06 0.00	23.19 1.07 0.00	23.60 1.01 0.00	24.33 0.99 0.00	24.74 0.94 0.00	25.82 1.02 0.00	27.65 0.99 0.00	32.37 1.26 0.00	39.74 1.68 -0.06	47.72 1.26 -22.61	38.58 1.19 -13.68	37.97 0.64 -23.11	56.69 0.64 -42.83	49.14 1.16 -25.46	43.77 1.30 -17.00	29.59 1.13 -3.78	25.78 1.05 -1.27	25.43 1.05 -0.36	24.42 0.96 -2.53	20.33 0.99 0.00
NCHELSEA_115KV_TR2 355582	42.06 2.74 0.00	38.82 2.60 0.00	34.36 2.31 0.00	24.24 1.61 0.00	23.55 1.53 0.00	23.63 1.52 0.00	24.11 1.52 0.00	25.09 1.76 0.00	25.67 1.87 0.00	26.85 2.04 0.00	28.87 2.22 0.00	33.89 2.77 0.00	41.56 3.51 -0.05	45.73 2.39 -19.49	37.88 2.37 -11.79	35.62 1.49 -19.91	58.41 1.40 -43.78	59.35 2.42 -34.41	50.96 2.75 -22.73	32.65 2.55 -5.43	27.26 2.34 -1.46	26.32 2.31 0.00	22.84 1.92 0.00	20.95 1.61 0.00
NEG CAPITAL___MECHNVIL 23645	41.76 2.45 0.00	38.55 2.33 0.00	34.17 2.12 0.00	24.49 1.48 -0.38	23.44 1.42 0.00	23.54 1.43 0.00	23.95 1.36 0.00	24.73 1.39 0.00	25.25 1.46 0.00	26.39 1.58 0.00	28.30 1.64 0.00	33.25 2.14 0.00	40.83 2.77 -0.07	50.47 1.92 -24.70	40.49 1.83 -14.95	40.58 1.06 -25.29	59.20 0.95 -45.02	48.61 1.57 -24.52	43.64 1.74 -16.43	30.36 1.68 -4.00	26.40 1.64 -1.29	26.17 1.64 -0.52	25.89 1.34 -3.62	20.52 1.18 0.00
NEG CENTRAL_HIGH_ACRES 23767	39.65 0.34 0.00	36.27 0.05 0.00	31.82 -0.23 0.00	22.36 -0.27 0.00	21.88 -0.14 0.00	21.97 -0.15 0.00	22.54 -0.05 0.00	23.27 -0.07 0.00	23.82 0.02 -0.01	24.86 -0.09 -0.14	26.88 0.03 -0.19	31.59 -0.08 -0.56	38.46 -0.41 -0.88	25.98 -0.16 -2.29	24.52 -0.51 -1.32	15.99 -0.34 -2.12	16.04 -0.36 -3.16	22.99 -0.56 -1.03	25.64 -0.54 -0.71	24.27 -0.50 -0.10	22.90 -0.68 -0.11	23.37 -0.66 -0.02	20.35 -0.59 -0.01	18.74 -0.60 0.00
NEG CENTRAL___DRP 24199	40.22 0.91 0.00	36.86 0.64 0.00	32.41 0.37 0.00	22.81 0.18 0.00	22.31 0.30 0.00	22.42 0.30 0.00	22.96 0.37 0.00	23.78 0.44 0.00	24.28 0.45 -0.03	25.63 0.44 -0.38	27.69 0.54 -0.50	33.23 0.65 -1.47	41.03 0.71 -2.33	27.27 0.49 -2.93	25.60 0.23 -1.67	18.27 0.14 -3.91	16.97 0.07 -3.67	23.85 0.08 -1.25	26.46 0.14 -0.85	25.05 0.18 -0.21	23.71 0.08 -0.17	24.10 0.03 -0.06	20.95 -0.02 -0.03	19.30 -0.04 0.00
NEG CENTRAL___INDECK 23768	40.82 1.50 0.00	37.17 0.95 0.00	32.47 0.42 0.00	22.77 0.14 0.00	22.38 0.36 0.00	22.52 0.40 0.00	23.05 0.47 0.00	23.77 0.43 0.00	24.20 0.40 0.00	25.05 0.25 0.00	27.13 0.47 0.00	31.36 0.25 0.00	38.15 0.15 -0.01	26.91 0.18 -2.88	25.78 -0.30 -2.36	34.17 -0.28 -20.23	19.14 -0.51 -6.41	22.36 -0.54 -0.38	25.48 -0.30 -0.31	24.34 -0.21 0.12	23.14 -0.40 -0.08	23.66 -0.36 0.00	20.80 -0.13 0.00	19.57 0.23 0.00
NEG CENTRAL___SENECA 23627	40.54 1.22 0.00	37.05 0.83 0.00	32.54 0.49 0.00	22.92 0.29 0.00	22.47 0.46 0.00	22.59 0.47 0.00	23.13 0.54 0.00	23.99 0.65 0.00	24.46 0.64 -0.02	25.60 0.61 -0.19	27.67 0.76 -0.25	32.75 0.89 -0.75	40.16 0.98 -1.19	27.36 0.71 -2.80	25.75 0.33 -1.70	19.52 0.20 -5.10	17.52 0.12 -4.17	23.98 0.20 -1.26	26.61 0.27 -0.87	25.11 0.31 -0.13	23.79 0.19 -0.13	24.18 0.14 -0.03	21.03 0.09 -0.02	19.39 0.05 0.00
NEG CENTRAL___STATE_STREET 24147	40.29 0.97 0.00	37.05 0.82 0.00	32.63 0.58 0.00	22.96 0.33 0.00	22.36 0.35 0.00	22.47 0.35 0.00	23.02 0.42 0.00	23.76 0.42 0.00	24.37 0.52 -0.05	25.89 0.55 -0.54	27.90 0.53 -0.71	33.94 0.73 -2.10	42.22 0.90 -3.32	27.56 0.52 -3.19	25.83 0.39 -1.72	17.41 0.26 -2.93	16.91 0.20 -3.47	24.06 0.23 -1.31	26.69 0.33 -0.89	25.30 0.35 -0.28	23.94 0.27 -0.20	24.30 0.21 -0.08	21.06 0.08 -0.05	19.42 0.08 0.00
NEG MILLWOOD___DRP 24198	42.18 2.87 0.00	38.94 2.72 0.00	34.48 2.43 0.00	24.92 1.69 -0.60	23.63 1.61 0.00	23.71 1.59 0.00	24.18 1.59 0.00	25.18 1.84 0.00	25.77 1.98 0.00	26.97 2.16 0.00	28.99 2.34 0.00	34.07 2.96 0.00	41.78 3.73 -0.05	46.09 2.54 -19.70	38.16 2.53 -11.92	35.94 1.58 -20.14	58.61 1.48 -43.90	59.19 2.55 -34.12	50.95 2.92 -22.55	34.55 2.69 -7.19	27.37 2.45 -1.46	27.26 2.42 -0.82	28.69 2.02 -5.75	21.03 1.69 0.00
NEG NORTH_FLCN_SEA 23793	37.78 -1.53 0.00	35.41 -0.82 0.00	31.65 -0.40 0.00	22.32 -0.31 0.00	21.73 -0.28 0.00	21.92 -0.19 0.00	22.35 -0.24 0.00	22.97 -0.37 0.00	23.38 -0.42 0.00	24.34 -0.47 0.00	25.81 -0.84 0.00	29.85 -1.27 0.00	36.55 -1.44 0.00	22.83 -1.03 0.00	22.74 -0.98 0.00	13.61 -0.61 0.00	12.71 -0.53 0.00	21.71 -0.81 0.00	24.44 -1.03 0.00	23.60 -1.07 0.00	22.73 -0.73 0.00	23.46 -0.56 0.00	21.05 0.12 0.00	19.50 0.16 0.00
NEG NORTH_KES_CHATEGAY 23792	38.31 -1.01 0.00	35.61 -0.61 0.00	31.68 -0.37 0.00	22.37 -0.26 0.00	21.79 -0.23 0.00	21.98 -0.14 0.00	22.44 -0.15 0.00	23.06 -0.28 0.00	23.50 -0.29 0.00	24.48 -0.32 0.00	26.17 -0.49 0.00	30.34 -0.77 0.00	37.11 -0.89 0.00	23.20 -0.65 0.00	23.17 -0.55 0.00	13.86 -0.36 0.00	12.95 -0.28 0.00	22.10 -0.42 0.00	24.92 -0.55 0.00	24.08 -0.59 0.00	23.05 -0.42 0.00	23.67 -0.34 0.00	20.90 -0.04 0.00	19.34 0.00 0.00

NEG NORTH___ALICE_FALLS 23915	38.19 -1.13 0.00	35.65 -0.57 0.00	31.82 -0.23 0.00	22.44 -0.19 0.00	21.85 -0.17 0.00	22.04 -0.08 0.00	22.48 -0.11 0.00	23.10 -0.24 0.00	23.52 -0.28 0.00	24.51 -0.30 0.00	26.08 -0.58 0.00	30.20 -0.91 0.00	36.99 -1.01 0.00	23.11 -0.74 0.00	23.03 -0.68 0.00	13.79 -0.43 0.00	12.87 -0.36 0.00	22.00 -0.52 0.00	24.78 -0.69 0.00	23.91 -0.76 0.00	22.97 -0.49 0.00	23.65 -0.36 0.00	21.08 0.15 0.00	19.50 0.16 0.00
NEG NORTH___LWR_SARANAC 23913	38.19 -1.13 0.00	35.65 -0.57 0.00	31.82 -0.23 0.00	22.44 -0.19 0.00	21.85 -0.17 0.00	22.04 -0.08 0.00	22.48 -0.11 0.00	23.10 -0.24 0.00	23.52 -0.28 0.00	24.51 -0.30 0.00	26.08 -0.58 0.00	30.20 -0.91 0.00	36.99 -1.01 0.00	23.11 -0.74 0.00	23.03 -0.68 0.00	13.79 -0.43 0.00	12.87 -0.36 0.00	22.00 -0.52 0.00	24.78 -0.69 0.00	23.91 -0.76 0.00	22.97 -0.49 0.00	23.65 -0.36 0.00	21.08 0.15 0.00	19.50 0.16 0.00
NEG NORTH___PLATTSBURG 23628	38.19 -1.13 0.00	35.65 -0.57 0.00	31.82 -0.23 0.00	22.44 -0.19 0.00	21.85 -0.17 0.00	22.04 -0.08 0.00	22.48 -0.11 0.00	23.10 -0.24 0.00	23.52 -0.28 0.00	24.50 -0.30 0.00	26.07 -0.58 0.00	30.20 -0.91 0.00	36.99 -1.00 0.00	23.11 -0.74 0.00	23.03 -0.68 0.00	13.79 -0.44 0.00	12.87 -0.36 0.00	22.00 -0.52 0.00	24.78 -0.69 0.00	23.91 -0.76 0.00	22.97 -0.50 0.00	23.65 -0.36 0.00	21.08 0.15 0.00	19.50 0.16 0.00
NEG WEST_LEA_LOCKPORT 23791	39.57 0.25 0.00	36.01 -0.22 0.00	31.47 -0.58 0.00	22.11 -0.51 0.00	21.82 -0.19 0.00	21.90 -0.21 0.00	22.50 -0.09 0.00	23.10 -0.24 0.00	23.61 -0.19 0.00	24.27 -0.54 0.00	26.32 -0.33 0.00	30.42 -0.69 0.00	36.49 -1.51 -0.01	25.60 -0.78 -2.53	23.85 -1.26 -1.39	12.26 -0.73 1.23	15.33 -0.86 -2.96	21.63 -1.24 -0.35	24.54 -1.22 -0.28	23.50 -1.07 0.10	22.18 -1.35 -0.07	22.78 -1.23 0.00	20.06 -0.87 0.00	18.53 -0.80 0.00
NEG WEST___LANCASTR 23811	40.19 0.87 0.00	36.56 0.34 0.00	31.98 -0.07 0.00	22.47 -0.16 0.00	22.17 0.15 0.00	22.27 0.15 0.00	22.88 0.29 0.00	23.62 0.28 0.00	24.10 0.30 0.00	24.90 0.10 0.00	27.01 0.35 0.00	31.28 0.17 0.00	37.72 -0.28 -0.01	26.64 -0.17 -2.96	24.68 -0.68 -1.65	13.02 -0.36 0.84	16.24 -0.52 -3.53	22.24 -0.67 -0.39	25.26 -0.53 -0.32	24.14 -0.41 0.12	22.85 -0.70 -0.08	23.43 -0.58 0.00	20.49 -0.44 0.00	18.85 -0.49 0.00
NEG_PENN_ALLEGHNY 23528	40.14 0.81 0.00	36.73 0.51 0.00	32.42 0.37 0.00	22.81 0.18 0.00	22.31 0.29 0.00	22.43 0.31 0.00	22.94 0.35 0.00	23.83 0.50 0.00	24.28 0.46 -0.02	25.51 0.47 -0.23	27.58 0.62 -0.30	32.78 0.78 -0.89	40.35 0.94 -1.42	30.18 0.62 -5.72	27.46 0.39 -3.36	20.06 0.27 -5.57	20.68 0.18 -7.26	23.57 0.34 -0.71	26.48 0.44 -0.57	24.95 0.42 0.14	23.94 0.28 -0.19	24.32 0.27 -0.03	21.17 0.22 -0.02	19.44 0.10 0.00
NEG___GEN_MONROE 24207	40.75 1.43 0.00	37.16 0.94 0.00	32.53 0.48 0.00	22.86 0.23 0.00	22.41 0.40 0.00	22.51 0.39 0.00	23.13 0.54 0.00	23.81 0.48 0.00	24.35 0.55 0.00	25.20 0.40 0.00	27.27 0.61 0.00	31.64 0.53 0.00	38.20 0.20 -0.01	26.17 0.22 -2.09	24.80 -0.18 -1.27	16.28 -0.14 -2.20	16.32 -0.20 -3.29	23.27 -0.24 -1.00	26.03 -0.13 -0.69	24.62 -0.09 -0.04	23.20 -0.34 -0.08	23.74 -0.27 0.00	20.73 -0.20 0.00	19.09 -0.24 0.00
NEPA___ENERGY 23901	40.12 0.80 0.00	36.36 0.13 0.00	31.83 -0.22 0.00	22.34 -0.29 0.00	22.15 0.13 0.00	22.26 0.14 0.00	22.86 0.27 0.00	23.77 0.44 0.00	24.15 0.36 0.00	25.01 0.20 0.00	27.20 0.55 0.00	31.64 0.53 0.00	38.21 0.21 -0.01	27.03 0.19 -2.98	24.94 -0.42 -1.65	12.83 -0.16 1.23	16.44 -0.29 -3.51	22.66 -0.26 -0.40	25.70 -0.10 -0.32	24.49 -0.06 0.13	23.19 -0.36 -0.08	23.75 -0.26 0.00	20.73 -0.19 0.00	18.99 -0.35 0.00
NEVERSINK___HYD 23608	41.74 2.42 0.00	38.20 1.98 0.00	33.74 1.70 0.00	23.46 1.15 0.32	23.13 1.12 0.00	23.21 1.09 0.00	23.69 1.11 0.00	24.68 1.35 0.00	25.28 1.48 0.00	26.46 1.66 0.00	28.52 1.87 0.00	33.14 2.03 0.00	39.63 1.59 -0.04	40.87 1.18 -15.84	34.57 1.27 -9.58	30.81 0.80 -15.79	40.02 0.82 -25.97	35.39 1.45 -11.42	34.85 1.64 -7.74	26.15 1.51 0.03	26.19 2.04 -0.69	25.57 1.95 0.39	19.81 1.59 2.71	20.63 1.29 0.00
NEWKRMKL_115KV_TB1 55635	40.08 0.76 0.00	37.13 0.91 0.00	33.14 1.10 0.00	23.82 0.81 -0.38	22.64 0.63 0.00	22.75 0.64 0.00	23.16 0.57 0.00	23.89 0.55 0.00	24.37 0.58 0.00	25.44 0.63 0.00	27.27 0.61 0.00	31.97 0.86 0.00	39.22 1.16 -0.07	48.94 0.91 -24.18	39.19 0.84 -14.63	39.47 0.49 -24.75	58.08 0.44 -44.41	47.86 0.71 -24.62	42.75 0.78 -16.49	29.48 0.76 -4.05	25.48 0.74 -1.28	25.26 0.72 -0.52	25.20 0.62 -3.65	19.92 0.58 0.00
NEWTON___FALLS_HYD 23847	39.29 -0.03 0.00	36.33 0.10 0.00	32.00 -0.05 0.00	22.57 -0.05 0.00	22.19 0.18 0.00	22.38 0.26 0.00	23.01 0.42 0.00	23.65 0.31 0.00	24.27 0.46 -0.02	25.47 0.46 -0.20	27.36 0.44 -0.26	32.51 0.62 -0.78	39.81 0.59 -1.23	24.67 -0.03 -0.85	24.07 -0.07 -0.43	14.79 0.09 -0.48	14.08 0.12 -0.72	22.95 0.10 -0.33	25.53 -0.16 -0.22	24.79 0.02 -0.10	23.73 0.20 -0.06	24.28 0.24 -0.03	21.21 0.26 -0.02	19.56 0.22 0.00
NGRID_A1_DSASP 323792	39.27 -0.05 0.00	35.76 -0.46 0.00	31.27 -0.78 0.00	21.99 -0.64 0.00	21.70 -0.32 0.00	21.78 -0.34 0.00	22.40 -0.19 0.00	22.97 -0.37 0.00	23.46 -0.34 0.00	24.09 -0.71 0.00	26.12 -0.53 0.00	30.08 -1.03 0.00	35.93 -2.07 -0.01	25.36 -1.07 -2.58	23.61 -1.53 -1.42	12.20 -0.84 1.19	15.26 -0.99 -3.02	21.44 -1.44 -0.36	24.29 -1.47 -0.29	23.27 -1.29 0.11	21.95 -1.59 -0.07	22.54 -1.47 0.00	19.74 -1.19 0.00	18.22 -1.11 0.00
NGRID_A2_DSASP 323793	39.27 -0.05 0.00	35.76 -0.46 0.00	31.27 -0.78 0.00	21.99 -0.64 0.00	21.70 -0.32 0.00	21.78 -0.34 0.00	22.40 -0.19 0.00	22.97 -0.37 0.00	23.46 -0.34 0.00	24.09 -0.71 0.00	26.12 -0.53 0.00	30.08 -1.03 0.00	35.93 -2.07 -0.01	25.36 -1.07 -2.58	23.61 -1.53 -1.42	12.20 -0.84 1.19	15.26 -0.99 -3.02	21.44 -1.44 -0.36	24.29 -1.47 -0.29	23.27 -1.29 0.11	21.95 -1.59 -0.07	22.54 -1.47 0.00	19.74 -1.19 0.00	18.22 -1.11 0.00
NGRID_A4_DSASP 323807	39.27 -0.05 0.00	35.76 -0.46 0.00	31.27 -0.78 0.00	21.98 -0.65 0.00	21.70 -0.32 0.00	21.78 -0.34 0.00	22.40 -0.19 0.00	22.97 -0.37 0.00	23.46 -0.34 0.00	24.08 -0.73 0.00	26.11 -0.54 0.00	30.08 -1.03 0.00	35.95 -2.06 -0.01	25.34 -1.09 -2.58	23.60 -1.53 -1.42	12.19 -0.84 1.19	15.26 -0.99 -3.02	21.41 -1.46 -0.36	24.26 -1.50 -0.29	23.23 -1.34 0.11	21.94 -1.60 -0.07	22.53 -1.48 0.00	19.73 -1.20 0.00	18.24 -1.10 0.00
NIAGARA_115E_LBMP 323715	39.16 -0.15 0.00	35.65 -0.58 0.00	31.17 -0.88 0.00	21.92 -0.71 0.00	21.63 -0.38 0.00	21.72 -0.40 0.00	22.31 -0.28 0.00	22.88 -0.46 0.00	23.37 -0.43 0.00	24.00 -0.80 0.00	26.02 -0.64 0.00	30.06 -1.06 0.00	36.00 -2.01 -0.01	25.40 -1.03 -2.58	23.64 -1.49 -1.42	12.23 -0.81 1.18	15.27 -0.99 -3.03	21.46 -1.42 -0.36	24.32 -1.44 -0.29	23.30 -1.26 0.11	21.98 -1.56 -0.07	22.56 -1.45 0.00	19.77 -1.16 0.00	18.26 -1.07 0.00

NIAGARA_115W_LBMP 323714	39.18 -0.14 0.00	35.69 -0.53 0.00	31.20 -0.84 0.00	21.94 -0.69 0.00	21.65 -0.36 0.00	21.73 -0.38 0.00	22.35 -0.24 0.00	22.92 -0.42 0.00	23.41 -0.39 0.00	24.04 -0.77 0.00	26.06 -0.59 0.00	30.01 -1.10 0.00	35.82 -2.18 -0.01	25.29 -1.13 -2.57	23.55 -1.58 -1.42	12.19 -0.86 1.17	15.23 -1.02 -3.02	21.39 -1.49 -0.36	24.22 -1.54 -0.29	23.21 -1.35 0.11	21.89 -1.65 -0.07	22.48 -1.53 0.00	19.68 -1.24 0.00	18.17 -1.16 0.00
NIAGARA_230_LBMP 323716	39.42 0.11 0.00	35.91 -0.31 0.00	31.40 -0.65 0.00	22.07 -0.56 0.00	21.77 -0.24 0.00	21.86 -0.26 0.00	22.47 -0.12 0.00	23.07 -0.26 0.00	23.56 -0.23 0.00	24.23 -0.57 0.00	26.27 -0.39 0.00	30.33 -0.78 0.00	36.37 -1.63 -0.01	25.60 -0.79 -2.54	23.84 -1.28 -1.40	12.41 -0.80 1.02	15.38 -0.85 -3.00	21.67 -1.20 -0.35	24.57 -1.19 -0.28	23.52 -1.05 0.10	22.18 -1.35 -0.07	22.78 -1.23 0.00	19.95 -0.98 0.00	18.40 -0.94 0.00
NIAGARA__115KV_198_GIBSON 55903	39.18 -0.14 0.00	35.69 -0.53 0.00	31.21 -0.84 0.00	21.94 -0.69 0.00	21.65 -0.36 0.00	21.73 -0.38 0.00	22.35 -0.24 0.00	22.92 -0.42 0.00	23.41 -0.39 0.00	24.02 -0.78 0.00	26.06 -0.60 0.00	30.01 -1.10 0.00	35.84 -2.16 -0.01	25.27 -1.16 -2.57	23.54 -1.59 -1.42	12.19 -0.86 1.17	15.22 -1.03 -3.02	21.35 -1.52 -0.36	24.19 -1.57 -0.29	23.17 -1.40 0.11	21.88 -1.65 -0.07	22.47 -1.54 0.00	19.68 -1.25 0.00	18.19 -1.15 0.00
NIAGARA____ 23760	39.20 -0.12 0.00	35.69 -0.53 0.00	31.22 -0.83 0.00	21.96 -0.67 0.00	21.66 -0.35 0.00	21.75 -0.37 0.00	22.37 -0.22 0.00	22.96 -0.38 0.00	23.46 -0.34 0.00	24.12 -0.69 0.00	26.15 -0.51 0.00	30.18 -0.93 0.00	36.14 -1.86 -0.01	25.44 -0.98 -2.57	23.69 -1.44 -1.42	12.36 -0.82 1.05	15.29 -0.96 -3.02	21.52 -1.35 -0.35	24.41 -1.34 -0.29	23.38 -1.18 0.10	22.06 -1.48 -0.07	22.65 -1.37 0.00	19.84 -1.09 0.00	18.31 -1.03 0.00
NINE_MILE_1 23575	38.44 -0.87 0.00	35.41 -0.81 0.00	31.24 -0.81 0.00	21.98 -0.65 0.00	21.37 -0.65 0.00	21.45 -0.67 0.00	21.94 -0.65 0.00	22.70 -0.64 0.00	22.87 -0.63 0.30	20.79 -0.67 3.34	21.53 -0.70 4.42	17.24 -0.81 13.07	16.37 -1.03 20.60	17.75 -0.62 5.48	21.12 -0.73 1.86	14.94 -0.40 -1.12	14.52 -0.39 -1.68	20.53 -0.72 1.27	23.92 -0.81 0.75	22.41 -0.77 1.49	21.99 -0.77 0.69	22.71 -0.79 0.51	19.93 -0.72 0.29	18.66 -0.68 0.00
NINE_MILE_2 23744	38.44 -0.87 0.00	35.41 -0.81 0.00	31.24 -0.80 0.00	21.98 -0.65 0.00	21.37 -0.65 0.00	21.45 -0.67 0.00	21.94 -0.65 0.00	22.70 -0.64 0.00	22.87 -0.63 0.30	20.74 -0.67 3.39	21.47 -0.70 4.49	17.04 -0.81 13.26	16.06 -1.03 20.91	17.65 -0.62 5.58	21.08 -0.73 1.90	14.94 -0.40 -1.12	14.52 -0.39 -1.68	20.50 -0.72 1.30	23.90 -0.81 0.76	22.39 -0.77 1.51	21.98 -0.77 0.70	22.71 -0.79 0.51	19.92 -0.72 0.29	18.66 0.00
NM_CAPITAL____DRP 24208	40.14 0.82 0.00	37.20 0.98 0.00	33.19 1.14 0.00	23.86 0.84 -0.39	22.70 0.69 0.00	22.81 0.69 0.00	23.21 0.62 0.00	23.92 0.59 0.00	24.40 0.60 0.00	25.46 0.65 0.00	27.29 0.63 0.00	32.00 0.88 0.00	39.25 1.19 -0.07	48.89 0.93 -24.10	39.16 0.86 -14.59	39.41 0.51 -24.68	58.07 0.46 -44.38	48.01 0.74 -24.74	42.86 0.82 -16.56	29.58 0.80 -4.11	25.54 0.79 -1.28	25.32 0.77 -0.53	25.30 0.65 -3.71	19.96 0.62 0.00
NM_CENTRAL____DRP 24181	39.35 0.04 0.00	36.18 -0.05 0.00	31.90 -0.15 0.00	22.44 -0.19 0.00	21.84 -0.18 0.00	21.93 -0.19 0.00	22.42 -0.17 0.00	23.23 -0.11 0.00	23.75 -0.08 -0.03	25.05 -0.08 -0.32	27.05 -0.03 -0.43	32.35 -0.03 -1.26	39.90 -0.09 -2.00	25.96 -0.04 -2.14	24.69 -0.18 -1.16	15.73 -0.08 -1.58	15.49 -0.11 -2.37	23.19 -0.22 -0.89	25.83 -0.25 -0.61	24.60 -0.24 -0.17	23.29 -0.30 -0.13	23.75 -0.31 -0.05	20.65 -0.30 -0.03	19.01 -0.33 0.00
NM_FRONTIER____DRP 24179	39.18 -0.14 0.00	35.69 -0.53 0.00	31.21 -0.84 0.00	21.94 -0.69 0.00	21.65 -0.36 0.00	21.73 -0.38 0.00	22.35 -0.24 0.00	22.92 -0.42 0.00	23.41 -0.39 0.00	24.02 -0.78 0.00	26.06 -0.60 0.00	30.01 -1.10 0.00	35.84 -2.16 -0.01	25.27 -1.16 -2.57	23.54 -1.59 -1.42	12.19 -0.86 1.17	15.22 -1.03 -3.02	21.35 -1.52 -0.36	24.19 -1.57 -0.29	23.17 -1.40 0.11	21.88 -1.65 -0.07	22.47 -1.54 0.00	19.68 -1.25 0.00	18.19 -1.15 0.00
NM_ST_REGIS____HYD 24053	38.47 -0.85 0.00	35.61 -0.61 0.00	31.47 -0.58 0.00	22.30 -0.34 0.00	21.85 -0.16 0.00	22.07 -0.05 0.00	22.67 0.08 0.00	23.23 -0.11 0.00	23.82 0.01 -0.01	24.90 0.00 -0.09	26.68 -0.09 -0.12	31.32 -0.14 -0.35	38.35 -0.20 -0.55	23.67 -0.36 -0.18	23.57 -0.21 -0.07	14.08 -0.14 0.00	13.17 -0.06 0.00	22.49 -0.08 -0.05	25.23 -0.27 -0.03	24.49 -0.22 -0.04	23.42 -0.06 -0.02	24.00 -0.03 -0.01	21.08 0.14 -0.01	19.48 0.14 0.00
NORTHPORT____1 23551	42.28 2.96 0.00	46.16 2.83 -7.11	38.68 2.58 -4.06	26.13 1.65 -1.85	23.60 1.58 0.00	23.61 1.49 0.00	24.06 1.47 0.00	25.02 1.69 0.00	25.66 1.86 0.00	27.29 1.94 -0.55	40.33 2.43 -11.24	41.04 2.98 -6.95	41.16 3.11 -0.05	45.39 2.03 -19.51	41.32 2.17 -15.44	37.37 1.42 -21.73	47.07 1.23 -32.61	47.65 2.07 -23.05	58.29 2.51 -30.30	36.51 2.31 -9.53	61.29 2.05 -35.78	48.69 2.11 -22.57	48.39 2.12 -25.33	50.98 1.89 -29.76
NORTHPORT____2 23552	42.28 2.96 0.00	46.16 2.83 -7.11	38.68 2.58 -4.06	26.13 1.65 -1.85	23.60 1.58 0.00	23.61 1.49 0.00	24.06 1.47 0.00	25.02 1.69 0.00	25.66 1.86 0.00	27.29 1.94 -0.55	40.33 2.43 -11.24	41.04 2.98 -6.95	41.16 3.11 -0.05	45.39 2.03 -19.51	41.32 2.17 -15.44	37.37 1.42 -21.73	47.07 1.23 -32.61	47.65 2.07 -23.05	58.29 2.51 -30.30	36.51 2.31 -9.53	61.29 2.05 -35.78	48.69 2.11 -22.57	48.39 2.12 -25.33	50.98 1.89 -29.76
NORTHPORT____3 23553	42.24 2.92 0.00	46.12 2.79 -7.11	38.68 2.57 -4.06	26.14 1.66 -1.85	23.59 1.57 0.00	23.63 1.51 0.00	24.07 1.48 0.00	25.06 1.73 0.00	25.68 1.88 0.00	27.35 2.00 -0.55	40.35 2.45 -11.24	41.07 3.00 -6.95	41.16 3.11 -0.05	45.43 2.07 -19.51	41.36 2.20 -15.44	37.38 1.42 -21.73	47.09 1.25 -32.61	47.70 2.13 -23.05	55.80 2.61 -27.72	36.53 2.34 -9.52	61.37 2.14 -35.77	48.77 2.18 -22.57	48.44 2.17 -25.34	51.05 1.96 -29.76
NORTHPORT____4 23650	42.24 2.92 0.00	46.12 2.79 -7.11	38.68 2.57 -4.06	26.14 1.66 -1.85	23.59 1.57 0.00	23.63 1.51 0.00	24.07 1.48 0.00	25.06 1.73 0.00	25.68 1.88 0.00	27.35 2.00 -0.55	40.35 2.45 -11.24	41.07 3.00 -6.95	41.16 3.11 -0.05	45.43 2.07 -19.51	41.36 2.20 -15.44	37.38 1.42 -21.73	47.09 1.25 -32.61	47.70 2.13 -23.05	55.80 2.61 -27.72	36.53 2.34 -9.52	61.37 2.14 -35.77	48.77 2.18 -22.57	48.44 2.17 -25.34	51.05 1.96 -29.76
NORTHPORT____IC 23718	42.28 2.96 0.00	46.16 2.83 -7.11	38.68 2.58 -4.06	26.13 1.65 -1.85	23.60 1.58 0.00	23.61 1.49 0.00	24.06 1.47 0.00	25.02 1.69 0.00	25.66 1.86 0.00	27.29 1.94 -0.55	40.33 2.43 -11.24	41.04 2.98 -6.95	41.16 3.11 -0.05	45.39 2.03 -19.51	41.32 2.17 -15.44	37.37 1.42 -21.73	47.07 1.23 -32.61	47.65 2.07 -23.05	58.29 2.51 -30.30	36.51 2.31 -9.53	61.29 2.05 -35.78	48.69 2.11 -22.57	48.39 2.12 -25.33	50.98 1.89 -29.76

NORTH__COUNTRY_ESR 323785	38.23 -1.09 0.00	35.53 -0.69 0.00	31.62 -0.43 0.00	22.32 -0.31 0.00	21.75 -0.27 0.00	21.95 -0.17 0.00	22.40 -0.19 0.00	23.01 -0.33 0.00	23.45 -0.34 0.00	24.44 -0.37 0.00	26.12 -0.53 0.00	30.29 -0.83 0.00	37.05 -0.95 0.00	23.16 -0.69 0.00	23.12 -0.59 0.00	13.84 -0.38 0.00	12.93 -0.31 0.00	22.06 -0.46 0.00	24.89 -0.58 0.00	24.03 -0.64 0.00	23.00 -0.47 0.00	23.62 -0.39 0.00	20.85 -0.08 0.00	19.30 -0.04 0.00
NPX_GEN_1385_PROXY 323591	41.73 2.42 0.00	45.76 2.43 -7.11	38.33 2.22 -4.06	25.89 1.41 -1.85	23.61 1.60 0.00	23.49 1.38 0.00	23.93 1.34 0.00	24.86 1.53 0.00	25.38 1.59 0.00	26.70 1.34 -0.55	39.69 1.80 -11.24	40.32 2.25 -6.95	40.25 2.20 -0.05	44.37 1.46 -19.06	41.03 1.62 -15.71	35.98 1.19 -20.56	46.76 0.92 -32.61	46.57 1.45 -22.59	58.14 2.37 -30.30	36.13 1.93 -9.53	61.08 1.84 -35.78	48.18 1.60 -22.57	47.89 1.62 -25.33	47.14 1.33 -26.47
NPX_GEN_CSC 323557	42.75 3.43 0.00	46.73 3.40 -7.11	39.32 3.21 -4.07	26.45 1.97 -1.85	23.87 1.85 0.00	23.97 1.85 0.00	24.33 1.74 0.00	25.24 1.90 0.00	25.93 2.13 0.00	27.66 2.31 -0.55	40.72 2.82 -11.24	41.60 3.54 -6.95	42.06 4.01 -0.06	45.46 2.55 -19.07	42.10 2.67 -15.71	36.52 1.73 -20.56	111.98 1.57 -97.17	111.98 2.65 -86.81	190.68 3.17 -162.03	147.17 2.91 -119.59	337.46 2.36 -311.64	198.85 2.54 -172.30	80.89 2.66 -57.30	51.35 2.25 -29.76
NSINS_S_GLNS_FALLS 23858	42.03 2.71 0.00	38.71 2.49 0.00	34.34 2.29 0.00	24.63 1.63 -0.37	23.60 1.59 0.00	23.70 1.59 0.00	24.07 1.48 0.00	24.86 1.52 0.00	25.37 1.58 0.00	26.56 1.76 0.00	28.42 1.77 0.00	33.38 2.27 0.00	40.96 2.89 -0.07	50.73 1.98 -24.89	40.65 1.88 -15.06	40.79 1.08 -25.49	59.37 0.95 -45.18	48.44 1.56 -24.37	43.63 1.82 -16.34	30.32 1.72 -3.92	26.51 1.75 -1.29	26.32 1.80 -0.51	25.91 1.45 -3.53	20.61 1.28 0.00
NUCOR_STEEL__DRP 24197	40.22 0.90 0.00	37.01 0.79 0.00	32.60 0.56 0.00	22.94 0.31 0.00	22.34 0.32 0.00	22.43 0.31 0.00	22.99 0.40 0.00	23.71 0.37 0.00	24.34 0.48 -0.05	25.91 0.52 -0.58	27.91 0.48 -0.77	34.08 0.69 -2.28	42.43 0.84 -3.60	27.51 0.47 -3.19	25.74 0.34 -1.68	16.63 0.24 -2.17	16.66 0.19 -3.24	24.00 0.19 -1.29	26.65 0.31 -0.87	25.30 0.33 -0.30	23.92 0.25 -0.21	24.28 0.18 -0.09	21.04 0.06 -0.05	19.40 0.06 0.00
NUMBER_THREE_WT_PWR 323818	40.10 0.78 0.00	37.14 0.91 0.00	32.67 0.62 0.00	22.94 0.31 0.00	22.59 0.57 0.00	22.74 0.62 0.00	23.36 0.76 0.00	24.11 0.78 0.00	24.73 0.91 -0.02	25.97 0.93 -0.24	27.92 0.95 -0.31	33.37 1.33 -0.93	40.79 1.33 -1.47	25.24 0.30 -1.09	24.32 0.05 -0.56	15.20 0.32 -0.66	14.53 0.31 -0.99	23.28 0.34 -0.43	25.73 -0.02 -0.28	25.07 0.28 -0.12	24.05 0.51 -0.07	24.63 0.58 -0.04	21.43 0.48 -0.02	19.73 0.39 0.00
NYISO_LBMP_REFERENCE 24008	39.32 0.00 0.00	36.22 0.00 0.00	32.05 0.00 0.00	22.63 0.00 0.00	22.01 0.00 0.00	22.12 0.00 0.00	22.59 0.00 0.00	23.34 0.00 0.00	23.79 0.00 0.00	24.81 0.00 0.00	26.65 0.00 0.00	31.11 0.00 0.00	38.00 0.00 0.00	23.85 0.00 0.00	23.71 0.00 0.00	14.22 0.00 0.00	13.23 0.00 0.00	22.52 0.00 0.00	25.47 0.00 0.00	24.67 0.00 0.00	23.46 0.00 0.00	24.01 0.00 0.00	20.93 0.00 0.00	19.34 0.00 0.00
NYPA_BRENTWD__GT 24164	43.10 3.78 0.00	46.89 3.56 -7.11	39.33 3.22 -4.06	26.56 2.08 -1.85	23.99 1.98 0.00	24.02 1.90 0.00	24.47 1.88 0.00	25.47 2.13 0.00	26.15 2.35 0.00	27.84 2.49 -0.55	40.90 3.00 -11.24	41.64 3.58 -6.95	41.96 3.91 -0.06	45.85 2.49 -19.51	41.77 2.62 -15.44	37.65 1.69 -21.73	70.66 1.50 -55.92	71.46 2.52 -46.43	92.94 3.08 -64.39	97.91 2.85 -70.39	337.67 2.57 -311.64	198.96 2.65 -172.30	64.35 2.59 -40.84	51.40 2.30 -29.76
NYPA_GOWANUS__GT5 24156	41.99 2.67 0.00	39.45 2.60 -0.64	34.46 2.41 0.00	26.21 1.72 -1.87	23.66 1.65 0.00	23.74 1.62 0.00	24.18 1.59 0.00	25.24 1.91 0.00	25.84 2.05 0.00	27.03 2.22 0.00	28.98 2.32 0.00	34.25 2.84 -0.30	39.94 3.52 1.57	45.72 2.36 -19.50	37.80 2.29 -11.80	35.62 1.46 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	56.64 2.61 -28.56	37.20 2.51 -10.02	27.36 2.41 -1.49	28.98 2.42 -2.55	40.80 2.12 -17.75	29.69 1.83 -8.52
NYPA_GOWANUS__GT6 24157	41.99 2.67 0.00	39.45 2.60 -0.64	34.46 2.41 0.00	26.21 1.72 -1.87	23.66 1.65 0.00	23.74 1.62 0.00	24.18 1.59 0.00	25.24 1.91 0.00	25.84 2.05 0.00	27.03 2.22 0.00	28.98 2.32 0.00	34.25 2.84 -0.30	39.94 3.52 1.57	45.72 2.36 -19.50	37.80 2.29 -11.80	35.62 1.46 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	56.64 2.61 -28.56	37.20 2.51 -10.02	27.36 2.41 -1.49	28.98 2.42 -2.55	40.80 2.12 -17.75	29.69 1.83 -8.52
NYPA_HARLEM__RVR_GT1 24160	41.84 2.52 0.00	38.61 2.39 0.00	34.27 2.22 0.00	26.08 1.58 -1.87	23.56 1.55 0.00	23.63 1.51 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.86 0.00	26.78 1.98 0.00	28.74 2.08 0.00	33.72 2.61 0.00	41.38 3.33 -0.05	45.61 2.26 -19.50	37.71 2.20 -11.80	35.54 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.53 -23.41	37.12 2.43 -10.02	27.25 2.29 -1.49	28.87 2.31 -2.55	40.71 2.03 -17.75	21.07 1.73 0.00
NYPA_HARLEM__RVR_GT2 24161	41.84 2.52 0.00	38.61 2.39 0.00	34.27 2.22 0.00	26.08 1.58 -1.87	23.56 1.55 0.00	23.63 1.51 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.86 0.00	26.78 1.98 0.00	28.74 2.08 0.00	33.72 2.61 0.00	41.38 3.33 -0.05	45.61 2.26 -19.50	37.71 2.20 -11.80	35.54 1.39 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.42 2.53 -23.41	37.12 2.43 -10.02	27.25 2.29 -1.49	28.87 2.31 -2.55	40.71 2.03 -17.75	21.07 1.73 0.00
NYPA_KENT__GT 24152	41.91 2.59 0.00	38.78 2.56 0.00	34.42 2.37 0.00	26.18 1.68 -1.87	23.63 1.62 0.00	23.71 1.60 0.00	24.16 1.57 0.00	25.22 1.88 0.00	25.82 2.02 0.00	26.99 2.19 0.00	28.93 2.28 0.00	33.89 2.78 0.00	41.51 3.46 -0.05	45.67 2.32 -19.50	37.76 2.25 -11.80	35.58 1.43 -19.93	58.93 1.32 -44.38	60.20 2.23 -35.45	51.44 2.55 -23.41	37.13 2.44 -10.02	27.29 2.34 -1.49	28.93 2.37 -2.55	40.77 2.08 -17.75	26.14 1.80 -5.01
NYPA_POUCH1__GT 24155	37.61 2.51 4.23	36.31 2.45 2.36	33.65 2.31 0.70	26.16 1.66 -1.87	23.62 1.61 0.00	23.70 1.58 0.00	24.14 1.55 0.00	25.20 1.86 0.00	25.80 2.00 0.00	26.96 2.15 0.00	28.91 2.25 0.00	32.88 2.74 0.97	32.71 3.37 8.65	35.16 2.27 -9.04	32.89 2.20 -6.98	35.58 1.43 -19.93	58.93 1.32 -44.38	55.41 2.20 -30.69	34.09 2.53 -6.09	33.06 2.42 -5.97	27.31 2.35 -1.49	28.16 2.34 -1.81	29.83 2.03 -6.86	29.51 1.78 -8.39
NYPA_VERNON__GT2 24162	41.86 2.54 0.00	38.73 2.50 0.00	34.36 2.31 0.00	26.14 1.64 -1.87	23.59 1.58 0.00	23.67 1.55 0.00	24.12 1.53 0.00	25.19 1.85 0.00	25.78 1.98 0.00	26.94 2.13 0.00	28.86 2.21 0.00	33.81 2.70 0.00	41.46 3.41 -0.05	45.64 2.29 -19.50	37.73 2.21 -11.80	35.55 1.40 -19.93	58.90 1.29 -44.38	60.17 2.20 -35.45	51.40 2.52 -23.41	37.09 2.40 -10.02	27.24 2.29 -1.49	28.89 2.33 -2.55	40.72 2.04 -17.75	22.58 1.75 -1.49

NYPA_VERNON____GT3 24163	41.86	38.73	34.36	26.14	23.59	23.67	24.12	25.19	25.78	26.94	28.86	33.81	41.46	45.64	37.73	35.55	58.90	60.17	51.40	37.09	27.24	28.89	40.72	22.58
	2.54	2.50	2.31	1.64	1.58	1.55	1.53	1.85	1.98	2.13	2.21	2.70	3.41	2.29	2.21	1.40	1.29	2.20	2.52	2.40	2.29	2.33	2.04	1.75
	0.00	0.00	0.00	-1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-19.50	-11.80	-19.93	-44.38	-35.45	-23.41	-10.02	-1.49	-2.55	-17.75	-1.49
NYPA____ASTORIA_CC1 323568	41.78	38.65	34.29	26.09	23.56	23.63	24.08	25.14	25.73	26.89	28.81	33.74	41.36	45.58	37.67	35.52	58.87	60.12	51.34	37.04	27.20	28.84	40.68	21.06
	2.46	2.43	2.25	1.60	1.54	1.51	1.49	1.81	1.94	2.08	2.15	2.63	3.31	2.23	2.16	1.37	1.26	2.15	2.46	2.35	2.24	2.28	2.00	1.72
	0.00	0.00	0.00	-1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-19.50	-11.80	-19.93	-44.38	-35.45	-23.41	-10.02	-1.49	-2.55	-17.75	0.00
NYPA____ASTORIA_CC2 323569	41.78	38.65	34.29	26.09	23.56	23.63	24.08	25.14	25.73	26.89	28.81	33.74	41.36	45.58	37.67	35.52	58.87	60.12	51.34	37.04	27.20	28.84	40.68	21.06
	2.46	2.43	2.25	1.60	1.54	1.51	1.49	1.81	1.94	2.08	2.15	2.63	3.31	2.23	2.16	1.37	1.26	2.15	2.46	2.35	2.24	2.28	2.00	1.72
	0.00	0.00	0.00	-1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-19.50	-11.80	-19.93	-44.38	-35.45	-23.41	-10.02	-1.49	-2.55	-17.75	0.00
NYPA____HOLTSVILL 23794	42.78	46.65	39.17	26.42	23.85	23.89	24.32	25.29	25.95	27.64	40.65	41.46	41.79	45.78	41.69	37.59	111.02	121.96	188.36	149.54	337.37	198.73	80.89	51.29
	3.47	3.32	3.05	1.94	1.83	1.77	1.73	1.95	2.16	2.28	2.76	3.39	3.74	2.42	2.54	1.63	1.45	2.46	2.96	2.72	2.27	2.42	2.52	2.19
	0.00	-7.11	-4.07	-1.85	0.00	0.00	0.00	0.00	0.00	-0.55	-11.24	-6.95	-0.06	-19.51	-15.44	-21.73	-96.33	-96.98	-159.93	-122.14	-311.64	-172.30	-57.43	-29.76
NYPA____HELLGATE_GT1 24158	41.87	38.65	34.30	26.10	23.56	23.63	24.02	25.09	25.65	26.78	28.74	33.72	41.38	45.61	37.71	35.54	58.91	60.17	51.42	37.12	27.25	28.87	40.71	21.07
	2.55	2.42	2.25	1.61	1.55	1.51	1.43	1.76	1.86	1.98	2.08	2.61	3.33	2.26	2.20	1.39	1.30	2.20	2.53	2.43	2.29	2.31	2.03	1.73
	0.00	0.00	0.00	-1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-19.50	-11.80	-19.93	-44.38	-35.45	-23.41	-10.02	-1.49	-2.55	-17.75	0.00
NYPA____HELLGATE_GT2 24159	41.87	38.65	34.30	26.10	23.56	23.63	24.02	25.09	25.65	26.78	28.74	33.72	41.38	45.61	37.71	35.54	58.91	60.17	51.42	37.12	27.25	28.87	40.71	21.07
	2.55	2.42	2.25	1.61	1.55	1.51	1.43	1.76	1.86	1.98	2.08	2.61	3.33	2.26	2.20	1.39	1.30	2.20	2.53	2.43	2.29	2.31	2.03	1.73
	0.00	0.00	0.00	-1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-19.50	-11.80	-19.93	-44.38	-35.45	-23.41	-10.02	-1.49	-2.55	-17.75	0.00
NYS_BARGE____HYD 23848	39.72	36.13	31.59	22.20	21.89	21.98	22.58	23.18	23.69	24.36	26.42	30.53	36.59	25.69	23.93	12.59	15.86	22.58	25.20	23.76	22.29	22.86	20.10	18.54
	0.40	-0.09	-0.46	-0.43	-0.12	-0.14	-0.01	-0.16	-0.10	-0.44	-0.23	-0.58	-1.41	-0.68	-1.17	-0.67	-0.81	-1.13	-1.11	-0.95	-1.27	-1.15	-0.83	-0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-2.51	-1.39	0.96	-3.44	-1.20	-0.83	-0.04	-0.09	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	40.34	36.84	32.28	22.69	22.24	22.33	22.91	23.62	24.16	25.02	27.06	31.40	37.95	26.01	24.66	16.17	16.23	23.17	25.90	24.49	23.09	23.62	20.61	18.99
	1.02	0.62	0.24	0.06	0.22	0.21	0.32	0.28	0.37	0.21	0.40	0.29	-0.05	0.09	-0.31	-0.23	-0.26	-0.34	-0.26	-0.22	-0.45	-0.39	-0.32	-0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-2.07	-1.26	-2.18	-3.26	-0.99	-0.69	-0.04	-0.08	0.00	0.00	0.00
OAKDALE__35_KV_LOAD 356122	40.01	36.63	32.33	22.76	22.26	22.37	22.88	23.76	24.21	25.42	27.48	32.64	40.17	30.03	27.34	19.98	20.57	23.45	26.38	24.88	23.87	24.26	21.12	19.39
	0.69	0.41	0.28	0.13	0.24	0.25	0.28	0.43	0.39	0.39	0.54	0.66	0.79	0.53	0.30	0.22	0.13	0.25	0.36	0.35	0.22	0.21	0.17	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.22	-0.29	-0.87	-1.38	-5.65	-3.33	-5.54	-7.21	-0.68	-0.55	0.15	-0.19	-0.03	-0.02	0.00
OCC_CHEM____DRP 24175	39.27	35.76	31.27	21.98	21.70	21.78	22.40	22.97	23.46	24.08	26.11	30.08	35.95	25.34	23.60	12.19	15.26	21.41	24.26	23.23	21.94	22.53	19.73	18.24
	-0.05	-0.46	-0.78	-0.65	-0.32	-0.34	-0.19	-0.37	-0.34	-0.73	-0.54	-1.03	-2.06	-1.09	-1.53	-0.84	-0.99	-1.46	-1.50	-1.34	-1.60	-1.48	-1.20	-1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-2.58	-1.42	1.19	-3.02	-0.36	-0.29	0.11	-0.07	0.00	0.00	0.00
OH_GEN_PROXY 24063	39.42	35.91	31.41	22.08	21.78	21.87	22.48	23.10	23.59	24.28	26.32	30.41	36.49	25.22	24.18	11.62	15.48	21.26	24.64	23.59	22.25	22.84	20.01	18.45
	0.10	-0.31	-0.64	-0.55	-0.23	-0.25	-0.11	-0.24	-0.20	-0.53	-0.34	-0.70	-1.51	-0.73	-1.22	-0.77	-0.81	-1.15	-1.12	-0.98	-1.28	-1.17	-0.92	-0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-2.10	-1.69	1.83	-3.06	0.11	-0.28	0.10	-0.07	0.00	0.00	0.00
OLIN_CORP_DRP 24177	39.25	35.72	31.24	21.96	21.67	21.76	22.36	22.93	23.42	24.04	26.07	30.13	36.12	25.46	23.70	12.19	15.32	21.48	24.36	23.32	22.02	22.61	19.81	18.31
	-0.07	-0.50	-0.81	-0.67	-0.34	-0.36	-0.23	-0.41	-0.38	-0.77	-0.59	-0.98	-1.88	-1.00	-1.44	-0.79	-0.95	-1.40	-1.40	-1.24	-1.51	-1.40	-1.12	-1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-2.60	-1.43	1.24	-3.04	-0.36	-0.29	0.11	-0.07	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	39.27	35.76	31.27	21.99	21.70	21.78	22.40	22.97	23.46	24.09	26.12	30.08	35.93	25.36	23.61	12.20	15.26	21.44	24.29	23.27	21.95	22.54	19.74	18.22
	-0.05	-0.46	-0.78	-0.64	-0.32	-0.34	-0.19	-0.37	-0.34	-0.71	-0.53	-1.03	-2.07	-1.07	-1.53	-0.84	-0.99	-1.44	-1.47	-1.29	-1.59	-1.47	-1.19	-1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-2.58	-1.42	1.19	-3.02	-0.36	-0.29	0.11	-0.07	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	40.44	37.28	32.87	23.13	22.61	22.74	23.29	24.08	24.66	25.83	27.81	32.93	40.26	25.35	24.67	15.24	14.50	23.43	26.17	25.30	24.14	24.67	21.46	19.76
	1.12	1.06	0.83	0.50	0.60	0.62	0.70	0.75	0.85	0.90	0.98	1.30	1.46	0.68	0.52	0.44	0.39	0.58	0.47	0.56	0.62	0.64	0.52	0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.13	-0.17	-0.51	-0.80	-0.81	-0.43	-0.58	-0.88	-0.33	-0.23	-0.07	-0.05	-0.02	-0.01	0.00
ONEIDA____115KV_TB4 55905	40.81	37.50	33.08	23.28	22.69	22.79	23.31	24.13	24.70	25.93	27.95	33.23	40.73	26.16	25.23	15.81	15.25	23.80	26.60	25.48	24.22	24.71	21.47	19.75
	1.50	1.27	1.03	0.65	0.67	0.67	0.72	0.79	0.89	0.94	1.05	1.42	1.63	0.95	0.77	0.53	0.44	0.71	0.73	0.71	0.68	0.67	0.53	0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.18	-0.24	-0.70	-1.10	-1.35	-0.74	-1.05	-1.58	-0.57	-0.39	-0.10	-0.08	-0.03	-0.02	0.00

ONONDAGA_REF_OCCRA 23987	39.65 0.33 0.00	36.44 0.22 0.00	32.13 0.09 0.00	22.61 -0.02 0.00	22.00 -0.01 0.00	22.10 -0.02 0.00	22.60 0.01 0.00	23.41 0.08 0.00	23.94 0.11 -0.03	25.32 0.12 -0.39	27.34 0.17 -0.52	32.88 0.24 -1.54	40.66 0.24 -2.42	26.65 0.18 -2.62	25.15 0.02 -1.41	16.21 0.04 -1.95	16.15 0.01 -2.91	23.59 -0.02 -1.09	26.18 -0.03 -0.74	24.85 -0.03 -0.21	23.52 -0.10 -0.16	23.96 -0.11 -0.06	20.83 -0.13 -0.03	19.16 -0.17 0.00
ONONDAGA___COGEN 23986	39.54 0.21 0.00	36.42 0.20 0.00	32.11 0.06 0.00	22.59 -0.04 0.00	21.99 -0.03 0.00	22.08 -0.04 0.00	22.59 0.00 0.00	23.39 0.05 0.00	23.95 0.10 -0.05	25.52 0.11 -0.60	27.59 0.14 -0.80	33.65 0.18 -2.36	41.91 0.20 -3.72	26.90 0.14 -2.90	25.20 0.00 -1.50	16.06 0.02 -1.81	15.94 0.00 -2.71	23.60 -0.06 -1.14	26.18 -0.06 -0.77	24.92 -0.05 -0.30	23.55 -0.11 -0.20	23.97 -0.13 -0.09	20.82 -0.16 -0.05	19.15 -0.18 0.00
ONTARIO___LFGE 23819	40.54 1.22 0.00	37.04 0.82 0.00	32.54 0.49 0.00	22.92 0.29 0.00	22.47 0.46 0.00	22.59 0.47 0.00	23.13 0.54 0.00	23.99 0.65 0.00	24.46 0.64 -0.02	25.61 0.61 -0.19	27.67 0.76 -0.25	32.75 0.89 -0.75	40.15 0.97 -1.19	27.36 0.71 -2.80	25.75 0.33 -1.70	19.52 0.20 -5.10	17.52 0.12 -4.17	23.98 0.20 -1.26	26.61 0.28 -0.87	25.11 0.31 -0.13	23.79 0.20 -0.13	24.18 0.14 -0.03	21.03 0.09 -0.02	19.39 0.05 0.00
ORANGEVILLE_WT_PWR 323706	40.16 0.84 0.00	36.58 0.36 0.00	31.97 -0.07 0.00	22.44 -0.19 0.00	22.16 0.15 0.00	22.29 0.18 0.00	22.80 0.21 0.00	23.52 0.19 0.00	24.00 0.20 0.00	24.84 0.03 0.00	26.92 0.27 0.00	31.29 0.17 -0.01	37.77 -0.23 -3.08	26.88 -0.05 -1.27	24.29 -0.70 -1.27	0.47 -0.47 13.28	14.52 -0.64 -1.92	22.20 -0.73 -0.41	25.27 -0.54 -0.33	24.06 -0.49 0.13	22.78 -0.77 -0.09	23.36 -0.65 0.00	20.57 -0.36 0.00	18.95 -0.39 0.00
ORANGEVILLE___ESR 323794	40.16 0.84 0.00	36.58 0.36 0.00	31.97 -0.07 0.00	22.44 -0.19 0.00	22.16 0.15 0.00	22.29 0.18 0.00	22.80 0.21 0.00	23.52 0.19 0.00	24.00 0.20 0.00	24.84 0.03 0.00	26.92 0.27 0.00	31.29 0.17 -0.01	37.77 -0.23 -3.08	26.88 -0.05 -1.27	24.29 -0.70 -1.27	0.47 -0.47 13.28	14.52 -0.64 -1.92	22.20 -0.73 -0.41	25.27 -0.54 -0.33	24.06 -0.49 0.13	22.78 -0.77 -0.09	23.36 -0.65 0.00	20.57 -0.36 0.00	18.95 -0.39 0.00
OSWEGATCHIE___HYD 24044	39.29 -0.03 0.00	36.33 0.10 0.00	32.00 -0.05 0.00	22.57 -0.05 0.00	22.19 0.18 0.00	22.38 0.26 0.00	23.01 0.42 0.00	23.65 0.31 0.00	24.27 0.46 -0.02	25.47 0.46 -0.20	27.36 0.44 -0.26	32.51 0.62 -0.78	39.81 0.59 -1.23	24.67 -0.03 -0.85	24.07 -0.07 -0.43	14.79 0.09 -0.48	14.08 0.13 -0.72	22.94 0.10 -0.33	25.52 -0.16 -0.22	24.79 0.03 -0.10	23.73 0.20 -0.06	24.28 0.24 -0.03	21.21 0.26 -0.02	19.56 0.22 0.00
OSWEGO___5 23606	38.72 -0.59 0.00	35.65 -0.57 0.00	31.45 -0.60 0.00	22.13 -0.50 0.00	21.53 -0.48 0.00	21.62 -0.50 0.00	22.12 -0.48 0.00	22.89 -0.44 0.00	23.59 -0.43 -0.22	26.84 -0.46 -2.49	29.50 -0.46 -3.30	40.33 -0.53 -9.74	52.67 -0.69 -15.36	29.55 -0.42 -6.11	25.80 -0.53 -2.62	15.22 -0.29 -1.29	14.87 -0.29 -1.93	23.90 -0.53 -1.91	26.10 -0.60 -1.22	25.25 -0.57 -1.14	23.47 -0.59 -0.59	23.79 -0.60 -0.38	20.59 -0.55 -0.21	18.81 -0.53 0.00
OSWEGO___6 23613	38.72 -0.59 0.00	35.65 -0.57 0.00	31.45 -0.60 0.00	22.13 -0.50 0.00	21.53 -0.48 0.00	21.62 -0.50 0.00	22.12 -0.48 0.00	22.89 -0.44 0.00	23.59 -0.43 -0.22	26.84 -0.46 -2.49	29.50 -0.46 -3.30	40.33 -0.53 -9.74	52.67 -0.69 -15.36	29.55 -0.42 -6.11	25.80 -0.53 -2.62	15.22 -0.29 -1.29	14.87 -0.29 -1.93	23.90 -0.53 -1.91	26.10 -0.60 -1.22	25.25 -0.57 -1.14	23.47 -0.59 -0.59	23.79 -0.60 -0.38	20.59 -0.55 -0.21	18.81 -0.53 0.00
OUTOKUMPU-AB___DRP 24206	40.07 0.75 0.00	36.47 0.25 0.00	31.86 -0.18 0.00	22.39 -0.23 0.00	22.11 0.10 0.00	22.19 0.08 0.00	22.80 0.21 0.00	23.42 0.08 0.00	23.94 0.14 0.00	24.63 -0.18 0.00	26.70 0.05 0.00	30.87 -0.24 0.00	37.00 -1.00 -0.01	26.01 -0.47 -2.63	24.19 -0.97 -1.44	12.27 -0.54 1.41	15.58 -0.70 -3.05	21.93 -0.95 -0.36	24.86 -0.90 -0.29	23.78 -0.78 0.11	22.47 -1.07 -0.07	23.11 -0.90 0.00	20.28 -0.65 0.00	18.71 -0.62 0.00
OXBOW____ 24026	39.73 0.41 0.00	36.21 -0.01 0.00	31.66 -0.39 0.00	22.27 -0.36 0.00	21.98 -0.04 0.00	22.06 -0.06 0.00	22.68 0.09 0.00	23.28 -0.06 0.00	23.79 -0.01 0.00	24.46 -0.34 0.00	26.52 -0.13 0.00	30.60 -0.51 0.00	36.59 -1.41 -0.01	25.78 -0.67 -2.60	23.98 -1.16 -1.43	12.28 -0.64 1.30	15.46 -0.80 -3.03	21.77 -1.11 -0.36	24.67 -1.09 -0.29	23.63 -0.94 0.11	22.29 -1.25 -0.07	22.90 -1.11 0.00	20.08 -0.85 0.00	18.52 -0.82 0.00
OXY_CHEM_DSASP 323612	39.27 -0.05 0.00	35.76 -0.46 0.00	31.27 -0.78 0.00	21.98 -0.65 0.00	21.70 -0.32 0.00	21.78 -0.34 0.00	22.40 -0.19 0.00	22.97 -0.37 0.00	23.46 -0.34 0.00	24.08 -0.73 0.00	26.11 -0.54 0.00	30.08 -1.03 0.00	35.95 -2.06 -0.01	25.34 -1.09 -2.58	23.60 -1.53 -1.42	12.19 -0.84 1.19	15.26 -0.99 -3.02	21.41 -1.46 -0.36	24.26 -1.50 -0.29	23.23 -1.34 0.11	21.94 -1.60 -0.07	22.53 -1.48 0.00	19.73 -1.20 0.00	18.24 -1.10 0.00
OZONE_PARK_ESR 323760	42.50 3.18 0.00	39.26 3.04 0.00	34.78 2.73 0.00	26.44 1.94 -1.87	23.86 1.85 0.00	23.94 1.82 0.00	24.41 1.82 0.00	25.46 2.12 0.00	26.07 2.27 0.00	27.26 2.46 0.00	29.23 2.58 0.00	34.31 3.20 0.00	42.11 4.06 -0.05	46.08 2.72 -19.50	38.17 2.66 -11.80	35.82 1.67 -19.93	59.16 1.55 -44.38	60.63 2.65 -35.45	51.95 3.06 -23.41	37.59 2.90 -10.02	27.64 2.69 -1.49	29.30 2.74 -2.55	41.06 2.37 -17.76	21.35 2.01 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.27 -0.05 0.00	35.76 -0.46 0.00	31.27 -0.78 0.00	21.98 -0.65 0.00	21.70 -0.32 0.00	21.78 -0.34 0.00	22.40 -0.19 0.00	22.97 -0.37 0.00	23.46 -0.34 0.00	24.08 -0.73 0.00	26.11 -0.54 0.00	30.08 -1.03 0.00	35.95 -2.06 -0.01	25.34 -1.09 -2.58	23.60 -1.53 -1.42	12.19 -0.84 1.19	15.26 -0.99 -3.02	21.41 -1.46 -0.36	24.26 -1.50 -0.29	23.23 -1.34 0.11	21.94 -1.60 -0.07	22.53 -1.48 0.00	19.73 -1.20 0.00	18.24 -1.10 0.00
PACKARD___115KV_DUPONT_184 80571	39.27 -0.05 0.00	35.76 -0.46 0.00	31.27 -0.78 0.00	21.98 -0.65 0.00	21.70 -0.32 0.00	21.78 -0.34 0.00	22.40 -0.19 0.00	22.97 -0.37 0.00	23.46 -0.34 0.00	24.08 -0.73 0.00	26.11 -0.54 0.00	30.08 -1.03 0.00	35.95 -2.06 -0.01	25.34 -1.09 -2.58	23.60 -1.53 -1.42	12.19 -0.84 1.19	15.26 -0.99 -3.02	21.41 -1.46 -0.36	24.26 -1.50 -0.29	23.23 -1.34 0.11	21.94 -1.60 -0.07	22.53 -1.48 0.00	19.73 -1.20 0.00	18.24 -1.10 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.85 2.53 0.00	38.62 2.40 0.00	34.27 2.22 0.00	26.07 1.57 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.02 1.43 0.00	25.09 1.76 0.00	25.65 1.85 0.00	26.80 1.99 0.00	28.77 2.11 0.00	33.77 2.65 0.00	41.42 3.37 -0.05	45.64 2.29 -19.50	37.74 2.22 -11.80	35.56 1.40 -19.93	58.92 1.31 -44.38	60.19 2.22 -35.45	51.45 2.56 -23.41	37.15 2.46 -10.02	27.27 2.32 -1.49	28.89 2.33 -2.55	40.72 2.04 -17.75	21.09 1.75 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.38 3.07 0.00	39.11 2.89 0.00	34.69 2.65 0.00	26.35 1.86 -1.87	23.83 1.81 0.00	23.91 1.79 0.00	24.33 1.74 0.00	25.40 2.06 0.00	25.95 2.15 0.00	27.14 2.33 0.00	29.05 2.40 0.00	34.20 3.09 0.00	41.99 3.94 -0.05	46.03 2.68 -19.50	38.10 2.59 -11.80	35.79 1.64 -19.93	59.13 1.53 -44.38	60.59 2.62 -35.45	51.90 3.02 -23.41	37.60 2.90 -10.02	27.66 2.70 -1.49	29.27 2.71 -2.55	41.03 2.35 -17.75	21.35 2.02 0.00
PATROON__115KV_TB1 80586	40.25 0.93 0.00	37.28 1.06 0.00	33.26 1.21 0.00	23.90 0.89 -0.38	22.73 0.72 0.00	22.84 0.72 0.00	23.24 0.65 0.00	23.98 0.65 0.00	24.47 0.67 0.00	25.54 0.73 0.00	27.39 0.73 0.00	32.12 1.01 0.00	39.39 1.33 -0.07	49.14 1.02 -24.27	39.34 0.95 -14.68	39.63 0.56 -24.85	58.25 0.50 -44.52	47.94 0.81 -24.61	42.84 0.89 -16.48	29.56 0.85 -4.05	25.57 0.83 -1.29	25.35 0.81 -0.52	25.26 0.69 -3.65	19.98 0.64 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.46 1.15 0.00	36.79 0.57 0.00	32.16 0.11 0.00	22.59 -0.04 0.00	22.28 0.27 0.00	22.37 0.26 0.00	23.00 0.41 0.00	23.71 0.37 0.00	24.20 0.41 0.00	25.00 0.20 0.00	27.12 0.46 0.00	31.41 0.30 0.00	37.84 -0.17 -0.01	26.66 -0.06 -2.86	24.70 -0.59 -1.58	12.57 -0.32 1.34	16.10 -0.48 -3.34	22.31 -0.59 -0.38	25.34 -0.45 -0.31	24.21 -0.34 0.12	22.89 -0.65 -0.08	23.48 -0.53 0.00	20.54 -0.38 0.00	18.91 -0.43 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.18 2.87 0.00	38.94 2.72 0.00	34.48 2.43 0.00	24.92 1.69 -0.60	23.63 1.61 0.00	23.71 1.59 0.00	24.18 1.59 0.00	25.18 1.84 0.00	25.77 1.98 0.00	26.97 2.16 0.00	28.99 2.34 0.00	34.07 2.96 0.00	41.78 3.73 -0.05	46.09 2.54 -19.70	38.16 2.53 -11.92	35.94 1.58 -20.14	58.61 1.48 -43.90	59.19 2.55 -34.12	50.95 2.92 -22.55	34.55 2.69 -7.19	27.37 2.45 -1.46	27.26 2.42 -0.82	28.69 2.02 -5.75	21.03 1.69 0.00
PEEKSKILL____ 23653	41.62 2.31 0.00	38.44 2.22 0.00	34.05 2.00 0.00	26.23 1.40 -2.19	23.34 1.33 0.00	23.42 1.30 0.00	23.88 1.29 0.00	24.88 1.55 0.00	25.46 1.66 0.00	26.62 1.81 0.00	28.58 1.93 0.00	33.55 2.44 0.00	41.14 3.09 -0.05	45.25 2.10 -19.30	37.45 2.06 -11.68	35.24 1.30 -19.73	59.01 1.21 -44.56	60.85 2.08 -36.26	51.80 2.39 -23.93	37.43 2.25 -10.52	27.05 2.08 -1.51	29.09 2.08 -3.00	43.55 1.76 -20.86	20.82 1.48 0.00
PGE MADISON__WINDPWR 24146	43.29 3.98 0.00	39.52 3.30 0.00	34.83 2.78 0.00	24.51 1.88 0.00	23.93 1.92 0.00	24.06 1.95 0.00	24.65 2.06 0.00	25.59 2.25 0.00	26.10 2.29 -0.02	27.29 2.23 -0.24	29.51 2.53 -0.32	34.88 2.82 -0.95	43.38 3.87 -1.52	31.86 2.61 -5.40	29.09 2.19 -3.19	22.20 1.39 -6.59	21.47 1.08 -7.16	24.10 1.79 0.21	27.72 2.27 0.02	26.53 2.18 0.31	25.45 1.81 -0.17	25.72 1.67 -0.03	22.38 1.43 -0.02	20.65 1.31 0.00
PIERCEFIELD__HYD 23852	38.34 -0.97 0.00	35.47 -0.75 0.00	31.30 -0.75 0.00	22.20 -0.43 0.00	21.79 -0.23 0.00	22.00 -0.12 0.00	22.64 0.04 0.00	23.17 -0.17 0.00	23.78 -0.03 -0.01	24.87 -0.03 -0.10	26.66 -0.13 -0.13	31.37 -0.14 -0.39	38.39 -0.23 -0.62	23.64 -0.40 -0.20	23.55 -0.24 -0.08	14.07 -0.15 0.00	13.16 -0.07 0.00	22.46 -0.12 -0.05	25.17 -0.33 -0.03	24.47 -0.25 -0.05	23.39 -0.09 -0.02	23.95 -0.07 -0.02	21.01 0.07 -0.01	19.43 0.09 0.00
PINELAWN_CC_1 323563	42.81 3.49 0.00	46.64 3.32 -7.11	39.11 3.01 -4.06	26.43 1.95 -1.85	23.86 1.85 0.00	23.89 1.77 0.00	24.35 1.76 0.00	25.37 2.04 0.00	26.03 2.23 0.00	27.73 2.38 -0.55	40.56 2.66 -11.24	41.24 3.17 -6.95	41.44 3.39 -0.05	45.53 2.17 -19.51	41.48 2.33 -15.44	37.46 1.50 -21.73	63.01 1.35 -48.43	64.43 2.30 -39.61	75.15 2.81 -46.86	88.91 2.67 -61.57	337.54 2.44 -311.64	198.85 2.54 -172.30	60.90 2.55 -37.42	51.31 2.21 -29.76
PJM_GEN_HTP_PROXY 323702	41.79 2.47 0.00	38.62 2.40 0.00	34.24 2.20 0.00	26.06 1.56 -1.87	23.51 1.49 0.00	23.58 1.46 0.00	24.04 1.45 0.00	25.06 1.73 0.00	25.65 1.85 0.00	26.83 2.03 0.00	28.76 2.11 0.00	33.76 2.65 0.00	41.44 3.39 -0.05	45.64 2.28 -19.50	37.21 2.24 -11.26	35.57 1.41 -19.93	58.92 1.31 -44.38	60.20 2.23 -35.45	51.47 2.58 -23.41	37.12 2.43 -10.02	27.22 2.27 -1.49	28.86 2.30 -2.55	40.19 1.97 -17.29	21.01 1.67 0.00
PJM_GEN_KEystone 24065	40.15 1.14 0.31	36.94 0.89 0.17	32.66 0.67 0.05	20.02 0.42 3.02	22.55 0.53 0.00	22.65 0.53 0.00	22.65 0.59 0.52	24.76 0.77 -0.65	24.61 0.82 0.00	25.63 0.82 0.00	27.64 0.98 0.00	32.21 1.17 0.07	38.74 1.32 0.57	35.74 0.93 -10.95	30.56 0.69 -6.17	25.87 0.48 -11.16	39.93 0.39 -26.31	43.67 0.75 -20.40	38.84 0.95 -12.42	21.91 0.92 3.68	23.36 0.72 0.82	20.58 0.73 4.16	-8.19 0.64 29.76	19.79 0.45 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.05 2.74 0.00	45.97 2.65 -7.11	38.55 2.44 -4.06	26.09 1.61 -1.85	23.54 1.53 0.00	23.57 1.45 0.00	24.03 1.44 0.00	25.04 1.70 0.00	25.67 1.87 0.00	27.35 2.00 -0.55	40.24 2.34 -11.24	40.94 2.87 -6.95	41.30 3.25 -0.05	45.53 2.17 -19.51	40.92 2.30 -14.90	37.42 1.46 -21.73	59.61 1.32 -45.06	61.29 2.24 -36.53	67.12 2.67 -38.98	84.78 2.51 -57.60	337.51 2.42 -311.64	198.77 2.46 -172.30	58.56 2.23 -35.39	51.03 1.93 -29.76
PJM_GEN_VFT_PROXY 323633	37.17 2.23 4.38	35.99 2.16 2.39	33.28 1.99 0.76	25.59 1.46 -1.51	23.42 1.40 0.00	23.49 1.38 0.00	23.94 1.35 0.00	24.98 1.65 0.00	25.56 1.77 0.00	26.72 1.91 0.00	28.60 1.95 0.00	32.53 2.47 1.04	32.59 3.17 8.58	34.26 2.14 -8.28	31.88 2.09 -6.08	35.49 1.33 -19.93	58.84 1.24 -44.37	54.93 2.08 -30.34	32.71 2.41 -4.83	32.63 2.28 -5.68	27.10 2.15 -1.49	27.69 2.17 -1.51	28.44 1.90 -5.60	20.96 1.62 0.00
PLATSBRG_115KV_PMLD1 355749	38.00 -1.32 0.00	35.54 -0.68 0.00	31.76 -0.28 0.00	22.40 -0.23 0.00	21.81 -0.21 0.00	22.00 -0.12 0.00	22.43 -0.16 0.00	23.05 -0.28 0.00	23.47 -0.33 0.00	24.44 -0.37 0.00	25.97 -0.68 0.00	30.09 -1.03 0.00	36.83 -1.17 0.00	23.01 -0.84 0.00	22.91 -0.80 0.00	13.72 -0.51 0.00	12.81 -0.43 0.00	21.87 -0.65 0.00	24.63 -0.84 0.00	23.78 -0.89 0.00	22.86 -0.60 0.00	23.55 -0.46 0.00	21.05 0.12 0.00	19.49 0.15 0.00
PLEASANTVLY__LBMP 24000	41.31 2.00 0.00	38.18 1.96 0.00	33.85 1.81 0.00	24.69 1.26 -0.80	23.21 1.20 0.00	23.30 1.18 0.00	23.75 1.16 0.00	24.69 1.35 0.00	25.23 1.43 0.00	26.36 1.56 0.00	28.30 1.65 0.00	33.21 2.10 0.00	40.72 2.67 -0.06	46.02 1.83 -20.33	37.81 1.80 -12.30	36.15 1.13 -20.80	57.96 1.05 -43.68	56.56 1.80 -32.23	48.89 2.08 -21.34	34.32 1.97 -7.68	26.73 1.85 -1.42	26.94 1.83 -1.10	30.10 1.54 -7.63	20.64 1.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.74 2.42 0.00	38.56 2.34 0.00	34.16 2.11 0.00	25.55 1.49 -1.43	23.43 1.41 0.00	23.51 1.40 0.00	23.97 1.38 0.00	24.96 1.62 0.00	25.53 1.73 0.00	26.70 1.89 0.00	28.68 2.02 0.00	33.66 2.55 0.00	41.26 3.21 -0.05	45.69 2.19 -19.65	37.75 2.14 -11.89	35.66 1.35 -20.08	58.73 1.26 -44.24	59.53 2.15 -34.86	50.99 2.49 -23.03	36.44 2.33 -9.44	27.10 2.17 -1.48	28.14 2.17 -1.96	36.39 1.83 -13.63	20.89 1.55 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.74 2.42 0.00	38.56 2.34 0.00	34.16 2.11 0.00	25.55 1.49 -1.43	23.43 1.41 0.00	23.51 1.40 0.00	23.97 1.38 0.00	24.96 1.62 0.00	25.53 1.73 0.00	26.70 1.89 0.00	28.68 2.02 0.00	33.66 2.55 0.00	41.26 3.21 -0.05	45.69 2.19 -19.65	37.75 2.14 -11.89	35.66 1.35 -20.08	58.73 1.26 -44.24	59.53 2.15 -34.86	50.99 2.49 -23.03	36.44 2.33 -9.44	27.10 2.17 -1.48	28.14 2.17 -1.96	36.39 1.83 -13.63	20.89 1.55 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.84 2.53 0.00	38.61 2.39 0.00	34.20 2.15 0.00	24.46 1.50 -0.33	23.44 1.43 0.00	23.53 1.41 0.00	24.00 1.40 0.00	24.96 1.62 0.00	25.52 1.72 0.00	26.69 1.88 0.00	28.69 2.03 0.00	33.66 2.55 0.00	41.26 3.21 -0.06	45.95 2.18 -19.92	37.95 2.19 -12.05	35.95 1.37 -20.35	58.13 1.29 -43.60	57.87 2.24 -33.10	49.92 2.55 -21.90	33.10 2.37 -6.06	27.08 2.19 -1.43	26.62 2.15 -0.46	25.92 1.78 -3.20	20.85 1.51 0.00
POLETTI____ 23519	41.74 2.42 0.00	38.57 2.35 0.00	34.21 2.16 0.00	26.05 1.56 -1.87	23.50 1.49 0.00	23.58 1.46 0.00	24.02 1.43 0.00	25.06 1.72 0.00	25.65 1.85 0.00	26.82 2.02 0.00	28.73 2.08 0.00	33.71 2.60 0.00	41.37 3.32 -0.05	45.59 2.24 -19.50	37.70 2.19 -11.80	35.54 1.39 -19.93	58.90 1.29 -44.38	60.16 2.19 -35.45	51.42 2.53 -23.41	37.07 2.39 -10.02	27.19 2.23 -1.49	28.83 2.26 -2.55	40.66 1.97 -17.76	21.00 1.67 0.00
POMONA____ESR 323819	41.63 2.31 0.00	38.42 2.20 0.00	34.00 1.96 0.00	21.10 1.36 2.89	23.29 1.28 0.00	23.38 1.26 0.00	23.84 1.25 0.00	24.85 1.51 0.00	25.44 1.64 0.00	26.61 1.81 0.00	28.60 1.94 0.00	33.57 2.46 0.00	41.16 3.12 -0.05	44.77 2.13 -18.79	37.15 2.07 -11.37	34.73 1.31 -19.19	59.48 1.24 -45.01	62.91 2.11 -38.27	53.12 2.42 -25.23	25.68 2.26 1.24	27.10 2.08 -1.56	22.14 2.06 3.93	-4.69 1.74 27.35	20.79 1.45 0.00
PORT_JEFF_3 23555	42.84 3.52 0.00	46.68 3.35 -7.11	39.20 3.09 -4.07	26.44 1.96 -1.85	23.86 1.85 0.00	23.91 1.79 0.00	24.33 1.74 0.00	25.30 1.97 0.00	25.98 2.19 0.00	27.69 2.33 -0.55	40.72 2.82 -11.24	41.51 3.45 -6.95	41.84 3.78 -0.06	45.81 2.45 -19.51	41.64 2.49 -15.44	37.56 1.60 -21.73	113.09 1.41 -98.44	127.06 2.39 -102.16	193.46 2.87 -165.12	152.93 2.64 -125.62	337.30 2.20 -311.64	198.70 2.39 -172.30	80.94 2.52 -57.49	51.32 2.22 -29.76
PORT_JEFF_4 23616	42.84 3.52 0.00	46.68 3.35 -7.11	39.20 3.09 -4.07	26.44 1.96 -1.85	23.86 1.85 0.00	23.91 1.79 0.00	24.33 1.74 0.00	25.30 1.97 0.00	25.98 2.19 0.00	27.69 2.33 -0.55	40.72 2.82 -11.24	41.51 3.45 -6.95	41.84 3.78 -0.06	45.81 2.45 -19.51	41.64 2.49 -15.44	37.56 1.60 -21.73	113.09 1.41 -98.44	127.06 2.39 -102.16	193.46 2.87 -165.12	152.93 2.64 -125.62	337.30 2.20 -311.64	198.70 2.39 -172.30	80.94 2.52 -57.49	51.32 2.22 -29.76
PORT_JEFF_IC 23713	42.96 3.64 0.00	46.79 3.46 -7.11	39.29 3.18 -4.07	26.49 2.01 -1.85	23.92 1.90 0.00	23.97 1.85 0.00	24.39 1.79 0.00	25.37 2.03 0.00	26.05 2.25 0.00	27.77 2.41 -0.55	40.82 2.92 -11.24	41.59 3.52 -6.95	41.86 3.80 -0.06	45.84 2.47 -19.51	41.70 2.55 -15.44	37.59 1.63 -21.73	120.95 1.44 -106.27	145.46 2.45 -120.49	212.68 2.96 -184.25	165.60 2.70 -138.23	337.33 2.23 -311.64	198.72 2.41 -172.30	81.52 2.61 -57.97	51.38 2.29 -29.76
PPL PILGRIM_ST_GT1 24216	43.10 3.78 0.00	46.89 3.56 -7.11	39.33 3.22 -4.06	26.56 2.08 -1.85	23.99 1.98 0.00	24.02 1.90 0.00	24.47 1.88 0.00	25.47 2.13 0.00	26.15 2.35 0.00	27.84 2.49 -0.55	40.90 3.00 -11.24	41.64 3.58 -6.95	41.96 3.91 -0.06	45.85 2.49 -19.51	41.77 2.62 -15.44	37.65 1.69 -21.73	70.66 1.50 -55.92	71.46 2.52 -46.43	92.94 3.08 -64.39	97.91 2.85 -70.39	337.67 2.57 -311.64	198.96 2.65 -172.30	64.35 2.59 -40.84	51.40 2.30 -29.76
PPL PILGRIM_ST_GT2 24217	43.10 3.78 0.00	46.89 3.56 -7.11	39.33 3.22 -4.06	26.56 2.08 -1.85	23.99 1.98 0.00	24.02 1.90 0.00	24.47 1.88 0.00	25.47 2.13 0.00	26.15 2.35 0.00	27.84 2.49 -0.55	40.90 3.00 -11.24	41.64 3.58 -6.95	41.96 3.91 -0.06	45.85 2.49 -19.51	41.77 2.62 -15.44	37.65 1.69 -21.73	70.66 1.50 -55.92	71.46 2.52 -46.43	92.94 3.08 -64.39	97.91 2.85 -70.39	337.67 2.57 -311.64	198.96 2.65 -172.30	64.35 2.59 -40.84	51.40 2.30 -29.76
PPL_SHRM_GT3 24213	42.79 3.47 0.00	46.76 3.43 -7.11	39.34 3.23 -4.07	26.46 1.98 -1.85	23.88 1.87 0.00	23.98 1.86 0.00	24.34 1.75 0.00	25.25 1.92 0.00	25.93 2.14 0.00	27.67 2.32 -0.55	40.72 2.83 -11.24	41.62 3.55 -6.95	42.12 4.06 -0.06	45.95 2.58 -19.51	41.87 2.72 -15.44	37.71 1.75 -21.73	114.24 1.59 -99.41	130.41 2.69 -105.20	196.04 3.02 -167.54	154.98 2.89 -127.42	337.22 2.12 -311.64	198.79 2.48 -172.30	80.92 2.68 -57.31	51.37 2.28 -29.76
PPL_SHRM_GT4 24214	42.79 3.47 0.00	46.76 3.43 -7.11	39.34 3.23 -4.07	26.46 1.98 -1.85	23.88 1.87 0.00	23.98 1.86 0.00	24.34 1.75 0.00	25.25 1.92 0.00	25.93 2.14 0.00	27.67 2.32 -0.55	40.72 2.83 -11.24	41.62 3.55 -6.95	42.12 4.06 -0.06	45.95 2.58 -19.51	41.87 2.72 -15.44	37.71 1.75 -21.73	114.24 1.59 -99.41	130.41 2.69 -105.20	196.04 3.02 -167.54	154.98 2.89 -127.42	337.22 2.12 -311.64	198.79 2.48 -172.30	80.92 2.68 -57.31	51.37 2.28 -29.76
PROJECT___ORANGE 1 24174	39.39 0.07 0.00	36.20 -0.02 0.00	31.92 -0.13 0.00	22.46 -0.17 0.00	21.86 -0.16 0.00	21.94 -0.17 0.00	22.44 -0.15 0.00	23.25 -0.09 0.00	23.77 -0.06 -0.03	25.07 -0.06 -0.32	27.08 -0.01 -0.43	32.37 -0.01 -1.26	39.93 -0.06 -1.99	26.00 -0.01 -2.16	24.72 -0.16 -1.17	15.76 -0.06 -1.61	15.54 -0.09 -2.40	23.21 -0.20 -0.90	25.86 -0.22 -0.61	24.63 -0.22 -0.17	23.31 -0.28 -0.13	23.77 -0.29 -0.05	20.67 -0.29 -0.03	19.02 -0.31 0.00
PROJECT___ORANGE 2 24166	39.39 0.07 0.00	36.20 -0.02 0.00	31.92 -0.13 0.00	22.46 -0.17 0.00	21.86 -0.16 0.00	21.94 -0.17 0.00	22.44 -0.15 0.00	23.25 -0.09 0.00	23.77 -0.06 -0.03	25.07 -0.06 -0.32	27.08 -0.01 -0.43	32.37 -0.01 -1.26	39.93 -0.06 -1.99	26.00 -0.01 -2.16	24.72 -0.16 -1.17	15.76 -0.06 -1.61	15.54 -0.09 -2.40	23.21 -0.20 -0.90	25.86 -0.22 -0.61	24.63 -0.22 -0.17	23.31 -0.28 -0.13	23.77 -0.29 -0.05	20.67 -0.29 -0.03	19.02 -0.31 0.00
PUCKETT___SOLAR 323809	40.79 1.47 0.00	37.30 1.08 0.00	32.91 0.86 0.00	23.17 0.53 0.00	22.65 0.63 0.00	22.77 0.65 0.00	23.29 0.69 0.00	24.17 0.83 0.00	24.61 0.79 -0.02	25.78 0.76 -0.22	27.84 0.90 -0.29	33.09 1.12 -0.86	40.83 1.46 -1.37	30.62 0.99 -5.77	27.83 0.72 -3.40	20.61 0.48 -5.91	21.09 0.39 -7.47	23.54 0.70 -0.32	26.64 0.85 -0.33	25.25 0.82 0.23	24.31 0.66 -0.19	24.69 0.65 -0.03	21.48 0.53 -0.02	19.72 0.38 0.00
PYRITES___HYD 24023	39.23 -0.09 0.00	36.24 0.02 0.00	31.98 -0.07 0.00	22.67 0.04 0.00	22.20 0.19 0.00	22.41 0.29 0.00	23.02 0.43 0.00	23.57 0.24 0.00	24.17 0.37 -0.01	25.23 0.33 -0.09	27.09 0.31 -0.12	31.83 0.36 -0.36	38.94 0.37 -0.57	24.03 -0.01 -0.18	23.95 0.17 -0.07	14.31 0.09 0.00	13.38 0.15 0.00	22.84 0.27 -0.05	25.60 0.10 -0.03	24.85 0.14 -0.04	23.77 0.29 -0.02	24.37 0.34 -0.01	21.34 0.40 -0.01	19.72 0.38 0.00

QUAKERRD_115KV_BK1 80622	39.18 -0.13 0.00	35.86 -0.36 0.00	31.47 -0.58 0.00	22.13 -0.50 0.00	21.64 -0.37 0.00	21.73 -0.38 0.00	22.29 -0.31 0.00	23.00 -0.33 0.00	23.53 -0.27 0.00	24.39 -0.42 0.00	26.35 -0.31 0.00	30.62 -0.49 0.00	37.09 -0.91 -0.01	25.36 -0.49 -1.99	24.12 -0.80 -1.21	15.80 -0.52 -2.09	15.86 -0.51 -3.13	22.65 -0.82 -0.95	25.29 -0.84 -0.66	23.92 -0.78 -0.03	22.62 -0.92 -0.08	23.10 -0.91 0.00	20.14 -0.79 0.00	18.57 -0.77 0.00
QUENSBRY_115KV_TB8 356137	42.14 2.82 0.00	38.81 2.58 0.00	34.41 2.36 0.00	24.69 1.69 -0.37	23.67 1.65 0.00	23.78 1.66 0.00	24.12 1.53 0.00	24.92 1.59 0.00	25.44 1.65 0.00	26.66 1.85 0.00	28.51 1.86 0.00	33.49 2.38 0.00	41.11 3.04 -0.07	50.84 2.08 -24.91	40.74 1.95 -15.07	40.85 1.12 -25.51	59.43 1.00 -45.20	48.49 1.62 -24.35	43.68 1.88 -16.33	30.37 1.78 -3.92	26.56 1.81 -1.29	26.38 1.86 -0.51	25.96 1.50 -3.53	20.66 1.32 0.00
RAMAPO___LBMP 323565	41.47 2.15 0.00	38.28 2.06 0.00	33.87 1.83 0.00	21.12 1.27 2.78	23.21 1.19 0.00	23.29 1.18 0.00	23.76 1.17 0.00	24.77 1.43 0.00	25.34 1.55 0.00	26.50 1.70 0.00	28.47 1.81 0.00	33.41 2.29 0.00	40.95 2.90 -0.05	44.58 1.99 -18.74	36.98 1.93 -11.34	34.59 1.22 -19.15	59.44 1.16 -45.06	62.94 1.98 -38.45	53.08 2.27 -25.34	25.71 2.13 1.09	26.98 1.96 -1.56	22.18 1.95 3.78	-3.76 1.65 26.34	20.71 1.37 0.00
RANKINE____ 23646	40.41 1.09 0.00	36.75 0.53 0.00	32.11 0.06 0.00	22.55 -0.08 0.00	22.27 0.25 0.00	22.36 0.24 0.00	22.97 0.37 0.00	23.65 0.31 0.00	24.15 0.36 0.00	24.91 0.10 0.00	27.02 0.36 0.00	31.30 0.19 -0.01	37.66 -0.35 -0.01	26.54 -0.11 -2.80	24.57 -0.66 -1.51	11.71 -0.40 2.11	15.87 -0.52 -3.15	22.26 -0.64 -0.38	25.26 -0.51 -0.31	24.13 -0.43 0.12	22.80 -0.74 -0.08	23.40 -0.61 0.00	20.50 -0.43 0.00	18.88 -0.46 0.00
RAVENSWOOD_GT2_1 24244	41.83 2.51 0.00	38.66 2.44 0.00	34.28 2.24 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.11 1.77 0.00	25.70 1.91 0.00	26.87 2.07 0.00	28.79 2.13 0.00	33.77 2.66 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.20 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.43 2.54 -23.41	37.09 2.40 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.69 2.00 -17.75	21.04 1.70 0.00
RAVENSWOOD_GT2_2 24245	41.83 2.51 0.00	38.66 2.44 0.00	34.28 2.24 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.11 1.77 0.00	25.70 1.91 0.00	26.87 2.07 0.00	28.79 2.13 0.00	33.77 2.66 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.20 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.43 2.54 -23.41	37.09 2.40 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.69 2.00 -17.75	21.04 1.70 0.00
RAVENSWOOD_GT2_3 24246	41.85 2.54 0.00	38.69 2.47 0.00	34.31 2.26 0.00	26.10 1.61 -1.87	23.55 1.54 0.00	23.63 1.51 0.00	24.09 1.50 0.00	25.12 1.79 0.00	25.72 1.92 0.00	26.89 2.09 0.00	28.82 2.16 0.00	33.79 2.68 0.00	41.46 3.42 -0.05	45.65 2.30 -19.50	37.74 2.23 -11.80	35.56 1.41 -19.93	58.91 1.31 -44.38	60.18 2.21 -35.45	51.45 2.56 -23.41	37.11 2.42 -10.02	27.23 2.28 -1.49	28.88 2.32 -2.55	40.70 2.02 -17.75	21.06 1.72 0.00
RAVENSWOOD_GT2_4 24247	41.85 2.54 0.00	38.69 2.47 0.00	34.31 2.26 0.00	26.10 1.61 -1.87	23.55 1.54 0.00	23.63 1.51 0.00	24.09 1.50 0.00	25.12 1.79 0.00	25.72 1.92 0.00	26.89 2.09 0.00	28.82 2.16 0.00	33.79 2.68 0.00	41.46 3.42 -0.05	45.65 2.30 -19.50	37.74 2.23 -11.80	35.56 1.41 -19.93	58.91 1.31 -44.38	60.18 2.21 -35.45	51.45 2.56 -23.41	37.11 2.42 -10.02	27.23 2.28 -1.49	28.88 2.32 -2.55	40.70 2.02 -17.75	21.06 1.72 0.00
RAVENSWOOD_GT3_1 24248	41.83 2.51 0.00	38.66 2.44 0.00	34.28 2.24 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.51 0.00	24.07 1.48 0.00	25.11 1.77 0.00	25.70 1.91 0.00	26.88 2.07 0.00	28.79 2.14 0.00	33.77 2.66 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.20 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.43 2.54 -23.41	37.09 2.40 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.69 2.00 -17.75	21.04 1.70 0.00
RAVENSWOOD_GT3_2 24249	41.83 2.51 0.00	38.66 2.44 0.00	34.28 2.24 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.51 0.00	24.07 1.48 0.00	25.11 1.77 0.00	25.70 1.91 0.00	26.88 2.07 0.00	28.79 2.14 0.00	33.77 2.66 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.20 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.17 2.20 -35.45	51.43 2.54 -23.41	37.09 2.40 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.69 2.00 -17.75	21.04 1.70 0.00
RAVENSWOOD_GT3_3 24250	41.91 2.59 0.00	38.75 2.53 0.00	34.35 2.30 0.00	26.14 1.64 -1.87	23.58 1.57 0.00	23.67 1.55 0.00	24.12 1.53 0.00	25.16 1.82 0.00	25.76 1.96 0.00	26.93 2.13 0.00	28.87 2.21 0.00	33.85 2.74 0.00	41.53 3.48 -0.05	45.69 2.34 -19.50	37.78 2.27 -11.80	35.59 1.43 -19.93	58.94 1.33 -44.38	60.23 2.26 -35.45	51.49 2.61 -23.41	37.16 2.47 -10.02	27.27 2.32 -1.49	28.92 2.36 -2.55	40.73 2.05 -17.75	21.08 1.74 0.00
RAVENSWOOD_GT3_4 24251	41.91 2.59 0.00	38.75 2.53 0.00	34.35 2.30 0.00	26.14 1.64 -1.87	23.58 1.57 0.00	23.67 1.55 0.00	24.12 1.53 0.00	25.16 1.82 0.00	25.76 1.96 0.00	26.93 2.13 0.00	28.87 2.21 0.00	33.85 2.74 0.00	41.53 3.48 -0.05	45.69 2.34 -19.50	37.78 2.27 -11.80	35.59 1.43 -19.93	58.94 1.33 -44.38	60.23 2.26 -35.45	51.49 2.61 -23.41	37.16 2.47 -10.02	27.27 2.32 -1.49	28.92 2.36 -2.55	40.73 2.05 -17.75	21.08 1.74 0.00
RAVENSWOOD_GT_1 23729	41.86 2.54 0.00	38.73 2.50 0.00	34.36 2.31 0.00	26.14 1.64 -1.87	23.59 1.58 0.00	23.67 1.55 0.00	24.12 1.53 0.00	25.19 1.85 0.00	25.78 1.98 0.00	26.94 2.13 0.00	28.86 2.21 0.00	33.81 2.70 0.00	41.46 3.41 -0.05	45.64 2.29 -19.50	37.73 2.21 -11.80	35.55 1.40 -19.93	58.90 1.29 -44.38	60.17 2.20 -35.45	51.40 2.52 -23.41	37.09 2.40 -10.02	27.24 2.29 -1.49	28.89 2.33 -2.55	40.72 2.04 -17.75	22.58 1.75 -1.49
RAVENSWOOD_GT_10 24258	41.83 2.51 0.00	38.66 2.44 0.00	34.28 2.24 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.11 1.77 0.00	25.70 1.91 0.00	26.87 2.07 0.00	28.79 2.13 0.00	33.77 2.66 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.20 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.43 2.54 -23.41	37.09 2.40 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.69 2.00 -17.75	21.21 1.70 -0.17
RAVENSWOOD_GT_11 24259	41.83 2.51 0.00	38.67 2.44 0.00	34.28 2.24 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.11 1.77 0.00	25.70 1.90 0.00	26.87 2.06 0.00	28.79 2.14 0.00	33.77 2.65 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.20 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.42 2.54 -23.41	37.09 2.40 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.69 2.01 -17.75	21.22 1.70 -0.17

RAVENSWOOD_GT_4 24252	41.84 2.52 0.00	38.67 2.45 0.00	34.28 2.23 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.10 1.76 0.00	25.69 1.89 0.00	26.86 2.06 0.00	28.79 2.13 0.00	33.77 2.66 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.21 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.44 2.55 -23.41	37.10 2.41 -10.02	27.22 2.26 -1.49	28.87 2.31 -2.55	40.68 2.00 -17.75	22.17 1.70 -1.14
RAVENSWOOD_GT_5 24254	41.84 2.52 0.00	38.67 2.45 0.00	34.28 2.23 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.10 1.76 0.00	25.69 1.89 0.00	26.86 2.06 0.00	28.79 2.13 0.00	33.77 2.66 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.21 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.44 2.55 -23.41	37.10 2.41 -10.02	27.22 2.26 -1.49	28.87 2.31 -2.55	40.68 2.00 -17.75	22.17 1.70 -1.14
RAVENSWOOD_GT_6 24253	41.84 2.52 0.00	38.67 2.45 0.00	34.28 2.23 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.10 1.76 0.00	25.69 1.89 0.00	26.86 2.06 0.00	28.79 2.13 0.00	33.77 2.66 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.21 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.44 2.55 -23.41	37.10 2.41 -10.02	27.22 2.26 -1.49	28.87 2.31 -2.55	40.68 2.00 -17.75	22.17 1.70 -1.14
RAVENSWOOD_GT_7 24255	41.84 2.52 0.00	38.67 2.45 0.00	34.28 2.23 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.10 1.76 0.00	25.69 1.89 0.00	26.86 2.06 0.00	28.79 2.13 0.00	33.77 2.66 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.21 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.44 2.55 -23.41	37.10 2.41 -10.02	27.22 2.26 -1.49	28.87 2.31 -2.55	40.68 2.00 -17.75	22.17 1.70 -1.14
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.83 2.51 0.00	38.66 2.44 0.00	34.28 2.24 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.11 1.77 0.00	25.70 1.91 0.00	26.87 2.07 0.00	28.79 2.13 0.00	33.77 2.66 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.20 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.43 2.54 -23.41	37.09 2.40 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.69 2.00 -17.75	21.21 1.70 -0.17
RAVENSWOOD_GT_9 24257	41.83 2.51 0.00	38.66 2.44 0.00	34.28 2.24 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.11 1.77 0.00	25.70 1.91 0.00	26.87 2.07 0.00	28.79 2.13 0.00	33.77 2.66 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.20 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.43 2.54 -23.41	37.09 2.40 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.69 2.00 -17.75	21.21 1.70 -0.17
RAVENSWOOD___1 23533	41.84 2.52 0.00	38.69 2.47 0.00	34.33 2.28 0.00	26.12 1.62 -1.87	23.58 1.57 0.00	23.65 1.54 0.00	24.10 1.51 0.00	25.16 1.83 0.00	25.77 1.97 0.00	26.93 2.12 0.00	28.86 2.20 0.00	33.80 2.69 0.00	41.45 3.40 -0.05	45.63 2.28 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.90 1.29 -44.38	60.16 2.19 -35.45	51.40 2.51 -23.41	37.08 2.40 -10.02	27.23 2.28 -1.49	28.88 2.32 -2.55	40.72 2.03 -17.75	21.09 1.75 0.00
RAVENSWOOD___2 23534	41.77 2.46 0.00	38.66 2.44 0.00	34.30 2.25 0.00	26.10 1.60 -1.87	23.56 1.55 0.00	23.65 1.53 0.00	24.08 1.49 0.00	25.15 1.81 0.00	25.75 1.95 0.00	26.92 2.11 0.00	28.84 2.19 0.00	33.79 2.68 0.00	41.43 3.38 -0.05	45.62 2.27 -19.50	37.72 2.20 -11.80	35.54 1.39 -19.93	58.90 1.29 -44.38	60.15 2.18 -35.45	51.39 2.50 -23.41	37.07 2.38 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.70 2.02 -17.75	19.61 1.74 1.47
RAVENSWOOD___3 23535	41.83 2.51 0.00	38.67 2.45 0.00	34.29 2.24 0.00	26.09 1.60 -1.87	23.54 1.53 0.00	23.62 1.51 0.00	24.07 1.48 0.00	25.11 1.77 0.00	25.70 1.91 0.00	26.88 2.07 0.00	28.80 2.14 0.00	33.77 2.65 0.00	41.44 3.39 -0.05	45.63 2.28 -19.50	37.72 2.20 -11.80	35.55 1.40 -19.93	58.91 1.30 -44.38	60.18 2.21 -35.45	51.42 2.54 -23.41	37.09 2.40 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.69 2.01 -17.75	21.05 1.70 0.00
RAVENSWOOD___4 23820	41.80 2.48 0.00	38.66 2.44 0.00	34.30 2.25 0.00	26.10 1.60 -1.87	23.56 1.55 0.00	23.65 1.53 0.00	24.08 1.49 0.00	25.15 1.81 0.00	25.75 1.95 0.00	26.92 2.11 0.00	28.84 2.19 0.00	33.79 2.68 0.00	41.43 3.38 -0.05	45.62 2.27 -19.50	37.72 2.20 -11.80	35.54 1.39 -19.93	58.90 1.29 -44.38	60.15 2.18 -35.45	51.39 2.50 -23.41	37.07 2.38 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.70 2.02 -17.75	19.61 1.74 1.47
RCPL_TRUST___DRP 24196	41.85 2.54 0.00	38.68 2.46 0.00	34.28 2.24 0.00	26.09 1.60 -1.87	23.53 1.52 0.00	23.61 1.49 0.00	24.07 1.48 0.00	25.09 1.76 0.00	25.68 1.88 0.00	26.86 2.06 0.00	28.79 2.14 0.00	33.81 2.70 0.00	41.48 3.43 -0.05	45.67 2.32 -19.50	37.78 2.27 -11.80	35.59 1.44 -19.93	58.94 1.33 -44.38	60.23 2.25 -35.45	51.50 2.61 -23.41	37.15 2.47 -10.02	27.25 2.30 -1.49	28.89 2.33 -2.55	40.69 2.00 -17.76	21.02 1.68 0.00
RED___ROCHESTER 323720	40.71 1.39 0.00	37.16 0.94 0.00	32.55 0.51 0.00	22.87 0.24 0.00	22.41 0.39 0.00	22.49 0.38 0.00	23.08 0.49 0.00	23.81 0.47 0.00	24.36 0.57 0.00	25.23 0.42 0.00	27.29 0.64 0.00	31.68 0.57 0.00	38.29 0.29 -0.01	26.20 0.29 -2.06	24.84 -0.12 -1.25	16.28 -0.11 -2.17	16.31 -0.16 -3.24	23.34 -0.16 -0.98	26.09 -0.07 -0.68	24.68 -0.03 -0.04	23.26 -0.28 -0.08	23.79 -0.22 0.00	20.75 -0.18 0.00	19.11 -0.23 0.00
REGAN___SOLAR 323812	44.68 5.36 0.00	40.91 4.69 0.00	35.99 3.95 0.00	25.57 2.65 -0.30	24.63 2.61 0.00	24.75 2.63 0.00	25.26 2.67 0.00	26.06 2.72 0.00	26.27 2.47 0.00	26.96 2.15 0.00	29.80 3.15 0.00	34.59 3.48 0.00	42.56 4.49 -0.08	55.90 3.86 -28.19	44.80 4.03 -17.06	45.42 2.28 -28.91	64.21 2.06 -48.92	48.97 3.04 -23.41	44.77 3.51 -15.79	31.29 3.35 -3.27	27.90 3.10 -1.34	27.49 3.07 -0.40	26.34 2.59 -2.82	21.58 2.24 0.00
RENSSELAER___COGEN 23796	39.80 0.48 0.00	36.92 0.70 0.00	32.96 0.91 0.00	23.70 0.69 -0.39	22.53 0.52 0.00	22.64 0.52 0.00	23.04 0.45 0.00	23.76 0.42 0.00	24.23 0.43 0.00	25.28 0.47 0.00	27.07 0.41 0.00	31.71 0.60 0.00	38.89 0.83 -0.07	48.54 0.70 -23.99	38.87 0.64 -14.51	39.16 0.38 -24.56	57.79 0.34 -44.21	47.79 0.56 -24.72	42.64 0.62 -16.55	29.36 0.60 -4.09	25.34 0.59 -1.28	25.12 0.58 -0.53	25.14 0.54 -3.67	19.87 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.51 5.19 0.00	41.22 5.00 0.00	36.56 4.52 0.00	26.27 3.27 -0.37	25.30 3.29 0.00	25.41 3.30 0.00	25.69 3.10 0.00	26.54 3.21 0.00	26.99 3.19 0.00	28.39 3.59 0.00	30.49 3.84 0.00	35.76 4.65 0.00	44.25 6.18 -0.07	52.87 4.13 -24.89	42.25 3.48 -15.06	41.73 2.01 -25.49	60.47 2.05 -45.18	50.34 3.46 -24.37	45.63 3.82 -16.34	32.22 3.62 -3.92	28.34 3.58 -1.29	28.11 3.59 -0.51	27.40 2.94 -3.53	22.04 2.69 0.00

REVERE_CPPR_DRP 24186	41.17 1.85 0.00	37.84 1.62 0.00	33.37 1.32 0.00	23.47 0.84 0.00	22.90 0.89 0.00	23.01 0.89 0.00	23.54 0.95 0.00	24.36 1.03 0.00	24.97 1.16 -0.01	26.19 1.22 -0.17	28.23 1.36 -0.22	33.56 1.80 -0.65	41.10 2.08 -1.02	26.19 1.16 -1.19	25.32 0.96 -0.65	15.79 0.66 -0.91	15.16 0.57 -1.36	23.92 0.90 -0.50	26.72 0.91 -0.34	25.67 0.91 -0.09	24.43 0.90 -0.07	24.94 0.90 -0.03	21.67 0.73 -0.01	19.92 0.58 0.00
REYNOLDS_115KV_TB3 80639	40.21 0.89 0.00	37.28 1.06 0.00	33.24 1.19 0.00	23.89 0.87 -0.40	22.76 0.75 0.00	22.87 0.75 0.00	23.26 0.67 0.00	23.96 0.62 0.00	24.44 0.64 0.00	25.50 0.69 0.00	27.31 0.65 0.00	32.03 0.92 0.00	39.30 1.25 -0.07	48.85 0.96 -24.03	39.14 0.89 -14.54	39.35 0.52 -24.60	58.05 0.48 -44.35	48.16 0.79 -24.86	42.97 0.86 -16.64	29.70 0.86 -4.17	25.61 0.85 -1.29	25.39 0.83 -0.54	25.41 0.70 -3.77	20.00 0.66 0.00
RIVERBAY____ 323610	42.38 3.07 0.00	39.11 2.89 0.00	34.69 2.65 0.00	26.35 1.86 -1.87	23.83 1.81 0.00	23.91 1.79 0.00	24.33 1.74 0.00	25.40 2.06 0.00	25.95 2.15 0.00	27.14 2.33 0.00	29.05 2.40 0.00	34.20 3.09 0.00	41.99 3.94 -0.05	46.03 2.68 -19.50	38.10 2.59 -11.80	35.79 1.64 -19.93	59.13 1.53 -44.38	60.59 2.62 -35.45	51.90 3.02 -23.41	37.60 2.90 -10.02	27.66 2.70 -1.49	29.27 2.71 -2.55	41.03 2.35 -17.75	21.35 2.02 0.00
RIVERSDE_115KV_TB3 55908	40.14 0.82 0.00	37.20 0.98 0.00	33.19 1.14 0.00	23.86 0.84 -0.39	22.70 0.69 0.00	22.81 0.69 0.00	23.21 0.62 0.00	23.92 0.59 0.00	24.40 0.60 0.00	25.46 0.65 0.00	27.29 0.63 0.00	32.00 0.88 0.00	39.25 1.19 -0.07	48.89 0.93 -24.10	39.16 0.86 -14.59	39.41 0.51 -24.68	58.07 0.46 -44.38	48.01 0.74 -24.74	42.86 0.82 -16.56	29.58 0.80 -4.11	25.54 0.79 -1.28	25.32 0.77 -0.53	25.30 0.65 -3.71	19.96 0.62 0.00
ROARING__BROOK_WT_PWR 323790	38.86 -0.46 0.00	35.93 -0.29 0.00	31.77 -0.28 0.00	22.40 -0.22 0.00	21.87 -0.14 0.00	22.01 -0.10 0.00	22.50 -0.08 0.00	23.22 -0.12 0.00	23.68 -0.12 0.00	24.68 -0.13 0.00	26.45 -0.20 0.00	30.92 -0.19 0.00	37.72 -0.27 0.00	23.58 -0.28 0.00	23.29 -0.42 0.00	13.99 -0.23 0.00	13.06 -0.17 0.00	22.30 -0.22 0.00	25.02 -0.45 0.00	24.32 -0.36 0.00	23.18 -0.28 0.00	23.77 -0.24 0.00	20.78 -0.15 0.00	19.25 -0.09 0.00
ROCHESRG_115KV_T4 355643	40.09 0.77 0.00	36.63 0.41 0.00	32.11 0.07 0.00	22.56 -0.07 0.00	22.12 0.10 0.00	22.21 0.09 0.00	22.79 0.19 0.00	23.50 0.16 0.00	24.03 0.23 0.00	24.87 0.06 0.00	26.89 0.24 0.00	31.21 0.10 0.00	37.73 -0.27 -0.01	25.83 -0.07 -2.05	24.51 -0.44 -1.24	15.56 -0.30 -1.64	16.07 -0.33 -3.16	23.02 -0.47 -0.98	25.74 -0.41 -0.68	24.34 -0.36 -0.04	22.97 -0.57 -0.08	23.50 -0.51 0.00	20.50 -0.42 0.00	18.91 -0.43 0.00
ROCHESTER_9_IC 23652	40.42 1.10 0.00	36.91 0.69 0.00	32.35 0.30 0.00	22.73 0.10 0.00	22.27 0.26 0.00	22.36 0.24 0.00	22.95 0.36 0.00	23.66 0.33 0.00	24.21 0.41 0.00	25.06 0.25 0.00	27.11 0.45 0.00	31.46 0.35 0.00	38.02 0.02 -0.01	26.03 0.11 -2.06	24.69 -0.27 -1.25	16.19 -0.20 -2.17	16.23 -0.24 -3.24	23.19 -0.31 -0.98	25.92 -0.23 -0.68	24.51 -0.20 -0.04	23.12 -0.42 -0.08	23.65 -0.36 0.00	20.63 -0.30 0.00	19.02 -0.32 0.00
ROCKVIEW_13_KV_LD 356306	41.97 2.66 0.00	38.77 2.55 0.00	34.35 2.30 0.00	26.11 1.62 -1.87	23.55 1.54 0.00	23.63 1.52 0.00	24.10 1.51 0.00	25.10 1.77 0.00	25.69 1.89 0.00	26.86 2.06 0.00	28.84 2.19 0.00	33.85 2.74 0.00	41.51 3.46 -0.05	45.69 2.34 -19.50	37.81 2.30 -11.80	35.59 1.44 -19.93	58.95 1.34 -44.38	60.27 2.30 -35.45	51.52 2.64 -23.41	37.18 2.49 -10.01	27.26 2.31 -1.49	28.88 2.32 -2.55	40.64 1.97 -17.74	21.01 1.67 0.00
ROME_____115KV_TB2 80656	41.17 1.85 0.00	37.84 1.62 0.00	33.37 1.32 0.00	23.47 0.84 0.00	22.90 0.89 0.00	23.01 0.89 0.00	23.54 0.95 0.00	24.36 1.03 0.00	24.97 1.16 -0.01	26.19 1.22 -0.17	28.23 1.36 -0.22	33.56 1.80 -0.65	41.10 2.08 -1.02	26.19 1.16 -1.19	25.32 0.96 -0.65	15.79 0.66 -0.91	15.16 0.57 -1.36	23.92 0.90 -0.50	26.72 0.91 -0.34	25.67 0.91 -0.09	24.43 0.90 -0.07	24.94 0.90 -0.03	21.67 0.73 -0.01	19.92 0.58 0.00
ROSETON__1 23587	41.27 1.95 0.00	38.14 1.92 0.00	33.80 1.75 0.00	23.85 1.23 0.00	23.18 1.17 0.00	23.27 1.15 0.00	23.72 1.13 0.00	24.67 1.33 0.00	25.21 1.41 0.00	26.35 1.55 0.00	28.30 1.65 0.00	33.21 2.10 0.00	40.71 2.66 -0.05	45.17 1.82 -19.50	37.29 1.78 -11.80	35.28 1.12 -19.93	58.56 1.05 -44.28	59.59 1.80 -35.27	50.84 2.07 -23.29	27.58 1.95 -0.95	26.78 1.83 -1.48	25.84 1.83 0.00	22.47 1.54 0.00	20.64 1.30 0.00
ROSETON__2 23588	41.27 1.95 0.00	38.14 1.92 0.00	33.80 1.75 0.00	23.85 1.23 0.00	23.18 1.17 0.00	23.27 1.15 0.00	23.72 1.13 0.00	24.67 1.33 0.00	25.21 1.41 0.00	26.35 1.55 0.00	28.30 1.65 0.00	33.21 2.10 0.00	40.71 2.66 -0.05	45.17 1.82 -19.50	37.29 1.78 -11.80	35.28 1.12 -19.93	58.56 1.05 -44.28	59.59 1.80 -35.27	50.84 2.07 -23.29	27.58 1.95 -0.95	26.78 1.83 -1.48	25.84 1.83 0.00	22.47 1.54 0.00	20.64 1.30 0.00
ROTTTRDAM_115KV_TB3 80664	41.00 1.68 0.00	37.84 1.62 0.00	33.56 1.51 0.00	24.04 1.06 -0.36	23.02 1.01 0.00	23.12 1.01 0.00	23.56 0.97 0.00	24.35 1.01 0.00	24.83 1.04 0.00	25.92 1.11 0.00	27.84 1.18 0.00	32.64 1.52 0.00	40.00 1.94 -0.07	50.41 1.36 -25.20	40.27 1.31 -15.25	40.81 0.78 -25.81	59.38 0.70 -45.45	47.81 1.17 -24.12	43.00 1.35 -16.19	29.77 1.30 -3.80	26.00 1.24 -1.29	25.74 1.24 -0.49	25.36 1.03 -3.40	20.24 0.90 0.00
RUSSELL__1 23602	40.71 1.39 0.00	37.17 0.94 0.00	32.56 0.51 0.00	22.87 0.24 0.00	22.41 0.39 0.00	22.49 0.38 0.00	23.08 0.49 0.00	23.81 0.47 0.00	24.36 0.57 0.00	25.22 0.42 0.00	27.29 0.64 0.00	31.68 0.57 0.00	38.29 0.30 -0.01	26.19 0.28 -2.06	24.84 -0.12 -1.25	16.28 -0.11 -2.17	16.31 -0.16 -3.24	23.32 -0.18 -0.98	26.08 -0.08 -0.68	24.65 -0.06 -0.04	23.25 -0.29 -0.08	23.78 -0.23 0.00	20.74 -0.19 0.00	19.11 -0.23 0.00
RUSSELL__2 23532	40.71 1.39 0.00	37.17 0.94 0.00	32.56 0.51 0.00	22.87 0.24 0.00	22.41 0.39 0.00	22.49 0.38 0.00	23.08 0.49 0.00	23.81 0.47 0.00	24.36 0.57 0.00	25.22 0.42 0.00	27.29 0.64 0.00	31.68 0.57 0.00	38.29 0.30 -0.01	26.19 0.28 -2.06	24.84 -0.12 -1.25	16.28 -0.11 -2.17	16.31 -0.16 -3.24	23.32 -0.18 -0.98	26.08 -0.08 -0.68	24.65 -0.06 -0.04	23.25 -0.29 -0.08	23.78 -0.23 0.00	20.74 -0.19 0.00	19.11 -0.23 0.00
RUSSELL__3 23549	40.71 1.39 0.00	37.17 0.94 0.00	32.56 0.51 0.00	22.87 0.24 0.00	22.41 0.39 0.00	22.49 0.38 0.00	23.08 0.49 0.00	23.81 0.47 0.00	24.36 0.57 0.00	25.22 0.42 0.00	27.29 0.64 0.00	31.68 0.57 0.00	38.29 0.30 -0.01	26.19 0.28 -2.06	24.84 -0.12 -1.25	16.28 -0.11 -2.17	16.31 -0.16 -3.24	23.32 -0.18 -0.98	26.08 -0.08 -0.68	24.65 -0.06 -0.04	23.25 -0.29 -0.08	23.78 -0.23 0.00	20.74 -0.19 0.00	19.11 -0.23 0.00

RUSSELL___4 23556	40.71 1.39 0.00	37.17 0.94 0.00	32.56 0.51 0.00	22.87 0.24 0.00	22.41 0.39 0.00	22.49 0.38 0.00	23.08 0.49 0.00	23.81 0.47 0.00	24.36 0.57 0.00	25.22 0.42 0.00	27.29 0.64 0.00	31.68 0.57 0.00	38.29 0.30 -0.01	26.19 0.28 -2.06	24.84 -0.12 -1.25	16.28 -0.11 -2.17	16.31 -0.16 -3.24	23.32 -0.18 -0.98	26.08 -0.08 -0.68	24.65 -0.06 -0.04	23.25 -0.29 -0.08	23.78 -0.23 0.00	20.74 -0.19 0.00	19.11 -0.23 0.00
RUSSELL___STATION 23914	40.71 1.39 0.00	37.17 0.94 0.00	32.56 0.51 0.00	22.87 0.24 0.00	22.41 0.39 0.00	22.49 0.38 0.00	23.08 0.49 0.00	23.81 0.47 0.00	24.36 0.57 0.00	25.22 0.42 0.00	27.29 0.64 0.00	31.68 0.57 0.00	38.29 0.30 -0.01	26.19 0.28 -2.06	24.84 -0.12 -1.25	16.28 -0.11 -2.17	16.31 -0.16 -3.24	23.32 -0.18 -0.98	26.08 -0.08 -0.68	24.65 -0.06 -0.04	23.25 -0.29 -0.08	23.78 -0.23 0.00	20.74 -0.19 0.00	19.11 -0.23 0.00
S SALMON___HYD 24043	39.47 0.15 0.00	36.35 0.13 0.00	32.01 -0.04 0.00	22.49 -0.14 0.00	21.97 -0.04 0.00	22.08 -0.04 0.00	22.63 0.04 0.00	23.41 0.07 0.00	24.02 0.15 -0.07	25.73 0.16 -0.77	27.89 0.22 -1.02	34.43 0.30 -3.02	42.97 0.22 -4.76	26.53 -0.06 -2.73	24.79 -0.24 -1.32	15.45 -0.05 -1.28	15.08 -0.07 -1.92	23.27 -0.24 -0.99	25.76 -0.37 -0.66	24.78 -0.26 -0.37	23.52 -0.16 -0.21	24.00 -0.13 -0.12	20.84 -0.15 -0.07	19.14 -0.20 0.00
S.PERRY___115KV_TB1 80734	40.82 1.50 0.00	37.17 0.95 0.00	32.47 0.42 0.00	22.77 0.14 0.00	22.38 0.36 0.00	22.52 0.40 0.00	23.05 0.46 0.00	23.77 0.43 0.00	24.20 0.40 0.00	25.05 0.24 0.00	27.13 0.47 0.00	31.36 0.25 0.00	38.17 0.17 -0.01	26.91 0.17 -2.88	25.78 -0.30 -2.36	34.17 -0.28 -20.23	19.14 -0.51 -6.41	22.34 -0.56 -0.38	25.47 -0.31 -0.31	24.33 -0.22 0.12	23.14 -0.40 -0.08	23.65 -0.36 0.00	20.80 -0.13 0.00	19.58 0.24 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.06 0.74 0.00	36.46 0.23 0.00	31.85 -0.20 0.00	22.38 -0.25 0.00	22.09 0.07 0.00	22.18 0.06 0.00	22.79 0.20 0.00	23.43 0.09 0.00	23.92 0.13 0.00	24.64 -0.17 0.00	26.73 0.07 0.00	30.92 -0.20 0.00	37.13 -0.87 -0.01	26.14 -0.38 -2.68	24.25 -0.91 -1.45	11.63 -0.56 2.02	15.60 -0.65 -3.02	22.00 -0.88 -0.37	24.98 -0.79 -0.30	23.88 -0.68 0.11	22.55 -0.99 -0.07	23.15 -0.86 0.00	20.28 -0.65 0.00	18.70 -0.64 0.00
SAWYER___23_KV_LOAD 55526	40.06 0.74 0.00	36.46 0.23 0.00	31.85 -0.20 0.00	22.38 -0.25 0.00	22.09 0.07 0.00	22.18 0.06 0.00	22.79 0.20 0.00	23.43 0.09 0.00	23.92 0.13 0.00	24.64 -0.17 0.00	26.73 0.07 0.00	30.92 -0.20 0.00	37.13 -0.87 -0.01	26.14 -0.38 -2.68	24.25 -0.91 -1.45	11.63 -0.56 2.02	15.60 -0.65 -3.02	22.00 -0.88 -0.37	24.98 -0.79 -0.30	23.88 -0.68 0.11	22.55 -0.99 -0.07	23.15 -0.86 0.00	20.28 -0.65 0.00	18.70 -0.64 0.00
SELKIRK___I 23801	39.43 0.11 0.00	36.63 0.41 0.00	32.68 0.64 0.00	23.45 0.47 -0.35	22.37 0.36 0.00	22.47 0.36 0.00	22.88 0.29 0.00	23.61 0.28 0.00	24.06 0.26 0.00	25.08 0.27 0.00	26.82 0.16 0.00	31.38 0.27 0.00	38.50 0.44 -0.07	47.86 0.43 -23.57	38.34 0.36 -14.26	38.55 0.21 -24.12	57.10 0.19 -43.68	47.56 0.32 -24.73	42.39 0.37 -16.54	28.96 0.35 -3.94	25.10 0.36 -1.27	24.99 0.50 -0.48	24.96 0.72 -3.31	20.05 0.71 0.00
SELKIRK___II 23799	39.77 0.45 0.00	37.01 0.79 0.00	33.02 0.97 0.00	23.71 0.72 -0.37	22.61 0.59 0.00	22.71 0.59 0.00	23.13 0.54 0.00	23.88 0.55 0.00	24.34 0.55 0.00	25.37 0.57 0.00	27.07 0.42 0.00	31.64 0.53 0.00	38.81 0.76 -0.07	48.35 0.63 -23.87	38.74 0.59 -14.44	39.00 0.35 -24.43	57.52 0.32 -43.97	47.61 0.53 -24.55	42.52 0.61 -16.44	29.26 0.58 -4.00	25.31 0.57 -1.27	25.09 0.57 -0.51	25.06 0.58 -3.55	19.95 0.61 0.00
SENECA OSWGO___HYD 24041	39.03 -0.29 0.00	35.94 -0.28 0.00	31.69 -0.36 0.00	22.28 -0.34 0.00	21.67 -0.34 0.00	21.76 -0.36 0.00	22.26 -0.33 0.00	23.07 -0.26 0.00	23.64 -0.25 -0.10	25.62 -0.26 -1.08	27.84 -0.25 -1.43	35.05 -0.29 -4.23	44.24 -0.42 -6.67	27.09 -0.25 -3.48	24.97 -0.38 -1.64	15.46 -0.20 -1.43	15.16 -0.21 -2.14	23.35 -0.40 -1.23	25.81 -0.47 -0.81	24.75 -0.43 -0.51	23.30 -0.45 -0.29	23.72 -0.46 -0.16	20.59 -0.43 -0.09	18.90 -0.44 0.00
SENECA___115KV_TB3 355854	40.50 1.18 0.00	36.83 0.61 0.00	32.18 0.13 0.00	22.59 -0.04 0.00	22.31 0.30 0.00	22.40 0.29 0.00	23.01 0.42 0.00	23.69 0.36 0.00	24.20 0.40 0.00	24.96 0.15 0.00	27.07 0.42 0.00	31.36 0.25 0.00	37.73 -0.27 -0.01	26.59 -0.06 -2.80	24.61 -0.61 -1.51	11.74 -0.37 2.11	15.88 -0.50 -3.15	22.30 -0.60 -0.38	25.31 -0.47 -0.31	24.16 -0.39 0.12	22.84 -0.70 -0.08	23.44 -0.57 0.00	20.53 -0.40 0.00	18.91 -0.43 0.00
SENECA___ENERGY 23797	39.98 0.66 0.00	36.65 0.43 0.00	32.22 0.17 0.00	22.66 0.03 0.00	22.15 0.14 0.00	22.26 0.14 0.00	22.80 0.21 0.00	23.60 0.26 0.00	24.12 0.28 -0.04	25.52 0.26 -0.45	27.59 0.34 -0.59	33.27 0.41 -1.76	41.15 0.38 -2.77	27.18 0.28 -3.04	25.44 0.03 -1.69	17.71 0.02 -3.47	16.76 -0.05 -3.58	23.65 -0.14 -1.27	26.25 -0.09 -0.86	24.87 -0.04 -0.24	23.51 -0.14 -0.18	23.88 -0.20 -0.07	20.77 -0.20 -0.04	19.13 -0.21 0.00
SHOEMAKER___GT 23640	41.22 1.90 0.00	37.96 1.74 0.00	33.61 1.56 0.00	21.99 1.08 1.72	23.05 1.04 0.00	23.14 1.02 0.00	23.60 1.01 0.00	24.54 1.20 0.00	25.07 1.28 0.00	26.18 1.37 0.00	28.13 1.47 0.00	32.96 1.84 0.00	40.40 2.35 -0.05	42.80 1.60 -17.35	35.80 1.59 -10.50	32.91 0.97 -17.72	60.50 0.92 -46.35	68.19 1.63 -44.04	56.30 1.89 -28.94	28.08 1.76 -1.65	26.80 1.64 -1.69	23.31 1.63 2.34	6.00 1.36 16.29	20.47 1.13 0.00
SHOEMAKR_138KV_BK 111 55601	41.19 1.87 0.00	37.94 1.72 0.00	33.60 1.55 0.00	22.07 1.07 1.63	23.03 1.02 0.00	23.12 1.00 0.00	23.59 0.99 0.00	24.53 1.19 0.00	25.06 1.26 0.00	26.18 1.37 0.00	28.13 1.48 0.00	32.96 1.85 0.00	40.40 2.36 -0.05	42.62 1.61 -17.15	35.69 1.60 -10.38	32.72 0.98 -17.51	60.71 0.93 -46.55	69.00 1.64 -44.84	56.81 1.89 -29.45	28.37 1.76 -1.94	26.81 1.64 -1.71	23.41 1.62 2.22	6.82 1.35 15.46	20.46 1.12 0.00
SHOREHAM_IC_1 23715	42.79 3.47 0.00	46.76 3.43 -7.11	39.34 3.23 -4.07	26.46 1.98 -1.85	23.88 1.87 0.00	23.98 1.86 0.00	24.34 1.75 0.00	25.25 1.92 0.00	25.93 2.14 0.00	27.67 2.32 -0.55	40.72 2.83 -11.24	41.62 3.55 -6.95	42.12 4.06 -0.06	45.95 2.58 -19.51	41.87 2.72 -15.44	37.71 1.75 -21.73	114.24 1.59 -99.41	130.41 2.69 -105.20	196.04 3.02 -167.54	154.98 2.89 -127.42	337.22 2.12 -311.64	198.79 2.48 -172.30	80.92 2.68 -57.31	51.37 2.28 -29.76
SHOREHAM_IC_2 23716	42.79 3.47 0.00	46.76 3.43 -7.11	39.34 3.23 -4.07	26.46 1.98 -1.85	23.88 1.87 0.00	23.98 1.86 0.00	24.34 1.75 0.00	25.25 1.92 0.00	25.93 2.14 0.00	27.67 2.32 -0.55	40.72 2.83 -11.24	41.62 3.55 -6.95	42.12 4.06 -0.06	45.95 2.58 -19.51	41.87 2.72 -15.44	37.71 1.75 -21.73	114.24 1.59 -99.41	130.41 2.69 -105.20	196.04 3.02 -167.54	154.98 2.89 -127.42	337.22 2.12 -311.64	198.79 2.48 -172.30	80.92 2.68 -57.31	51.37 2.28 -29.76

SISSONVILLE____ 23735	38.34 -0.97 0.00	35.47 -0.75 0.00	31.30 -0.75 0.00	22.20 -0.43 0.00	21.79 -0.23 0.00	22.00 -0.12 0.00	22.64 0.04 0.00	23.17 -0.17 0.00	23.78 -0.03 -0.01	24.87 -0.03 -0.10	26.66 -0.13 -0.13	31.37 -0.14 -0.39	38.39 -0.23 -0.62	23.64 -0.40 -0.20	23.55 -0.24 -0.08	14.07 -0.15 0.00	13.16 -0.07 0.00	22.46 -0.12 -0.05	25.17 -0.33 -0.03	24.47 -0.25 -0.05	23.39 -0.09 -0.02	23.95 -0.07 -0.02	21.01 0.07 -0.01	19.43 0.09 0.00
SITHE_IND_GS1 24169	38.43 -0.88 0.00	35.39 -0.83 0.00	31.22 -0.83 0.00	21.97 -0.66 0.00	21.36 -0.66 0.00	21.44 -0.68 0.00	21.92 -0.66 0.00	22.68 -0.65 0.00	22.87 -0.65 0.28	21.00 -0.69 3.12	21.82 -0.71 4.13	18.09 -0.82 12.20	17.71 -1.05 19.23	18.18 -0.63 5.03	21.28 -0.74 1.69	14.95 -0.41 -1.13	14.54 -0.39 -1.70	20.63 -0.73 1.15	23.98 -0.82 0.67	22.50 -0.79 1.39	22.03 -0.80 0.64	22.73 -0.81 0.47	19.94 -0.73 0.27	18.65 -0.69 0.00
SITHE_IND_GS2 24170	38.43 -0.88 0.00	35.39 -0.83 0.00	31.22 -0.83 0.00	21.97 -0.66 0.00	21.36 -0.66 0.00	21.44 -0.68 0.00	21.92 -0.66 0.00	22.68 -0.65 0.00	22.87 -0.65 0.28	21.00 -0.69 3.12	21.82 -0.71 4.13	18.09 -0.82 12.20	17.71 -1.05 19.23	18.18 -0.63 5.03	21.28 -0.74 1.69	14.95 -0.41 -1.13	14.54 -0.39 -1.70	20.63 -0.73 1.15	23.98 -0.82 0.67	22.50 -0.79 1.39	22.03 -0.80 0.64	22.73 -0.81 0.47	19.94 -0.73 0.27	18.65 -0.69 0.00
SITHE_IND_GS3 24171	38.43 -0.88 0.00	35.39 -0.83 0.00	31.22 -0.83 0.00	21.97 -0.66 0.00	21.36 -0.66 0.00	21.44 -0.68 0.00	21.92 -0.66 0.00	22.68 -0.65 0.00	22.87 -0.65 0.28	21.00 -0.69 3.12	21.82 -0.71 4.13	18.09 -0.82 12.20	17.71 -1.05 19.23	18.18 -0.63 5.03	21.28 -0.74 1.69	14.95 -0.41 -1.13	14.54 -0.39 -1.70	20.63 -0.73 1.15	23.98 -0.82 0.67	22.50 -0.79 1.39	22.03 -0.80 0.64	22.73 -0.81 0.47	19.94 -0.73 0.27	18.65 -0.69 0.00
SITHE_IND_GS4 24172	38.43 -0.88 0.00	35.39 -0.83 0.00	31.22 -0.83 0.00	21.97 -0.66 0.00	21.36 -0.66 0.00	21.44 -0.68 0.00	21.92 -0.66 0.00	22.68 -0.65 0.00	22.87 -0.65 0.28	21.00 -0.69 3.12	21.82 -0.71 4.13	18.09 -0.82 12.20	17.71 -1.05 19.23	18.18 -0.63 5.03	21.28 -0.74 1.69	14.95 -0.41 -1.13	14.54 -0.39 -1.70	20.63 -0.73 1.15	23.98 -0.82 0.67	22.50 -0.79 1.39	22.03 -0.80 0.64	22.73 -0.81 0.47	19.94 -0.73 0.27	18.65 -0.69 0.00
SITHE____BATAVIA 24024	41.23 1.91 0.00	37.50 1.28 0.00	32.78 0.73 0.00	23.02 0.39 0.00	22.64 0.63 0.00	22.74 0.62 0.00	23.35 0.77 0.00	24.02 0.68 0.00	24.58 0.78 0.00	25.38 0.57 0.00	27.49 0.84 0.00	31.84 0.73 0.00	38.25 0.25 -0.01	26.56 0.35 -2.37	24.87 -0.18 -1.34	14.06 -0.10 0.06	16.34 -0.25 -3.36	23.42 -0.22 -1.13	26.17 -0.08 -0.78	24.71 0.00 -0.04	23.21 -0.34 -0.09	23.77 -0.25 0.00	20.79 -0.14 0.00	19.14 -0.20 0.00
SITHE____INDEPEND 23800	38.43 -0.88 0.00	35.39 -0.83 0.00	31.22 -0.83 0.00	21.97 -0.66 0.00	21.36 -0.66 0.00	21.44 -0.68 0.00	21.92 -0.67 0.00	22.68 -0.65 0.00	22.87 -0.65 0.28	21.00 -0.69 3.12	21.82 -0.71 4.13	18.09 -0.82 12.20	17.72 -1.05 19.23	18.18 -0.64 5.03	21.28 -0.74 1.69	14.95 -0.41 -1.13	14.54 -0.39 -1.70	20.63 -0.73 1.15	23.98 -0.82 0.67	22.50 -0.79 1.39	22.03 -0.80 0.64	22.73 -0.81 0.47	19.93 -0.73 0.27	18.65 -0.69 0.00
SITHE____MASSENA 23902	38.79 -0.52 0.00	35.87 -0.36 0.00	31.73 -0.32 0.00	22.47 -0.16 0.00	21.92 -0.10 0.00	22.07 -0.05 0.00	22.58 -0.01 0.00	23.20 -0.13 0.00	23.69 -0.11 0.00	24.66 -0.15 0.00	26.44 -0.22 0.00	30.76 -0.35 0.00	37.55 -0.45 0.00	23.45 -0.41 0.00	23.46 -0.26 0.00	14.04 -0.18 0.00	13.12 -0.12 0.00	22.35 -0.17 0.00	25.22 -0.26 0.00	24.40 -0.27 0.00	23.29 -0.17 0.00	23.90 -0.11 0.00	20.93 0.00 0.00	19.38 0.05 0.00
SITHE____OGDNSBRG 24021	39.28 -0.04 0.00	36.28 0.06 0.00	32.04 -0.01 0.00	22.71 0.08 0.00	22.20 0.18 0.00	22.38 0.26 0.00	22.95 0.36 0.00	23.52 0.19 0.00	24.07 0.27 0.00	25.02 0.21 0.00	26.86 0.20 0.00	31.31 0.20 0.00	38.19 0.20 0.00	23.77 -0.08 0.00	23.80 0.08 0.00	14.25 0.03 0.00	13.32 0.09 0.00	22.71 0.20 0.00	25.51 0.04 0.00	24.72 0.05 0.00	23.68 0.21 0.00	24.30 0.28 0.00	21.27 0.34 0.00	19.67 0.33 0.00
SITHE____STERLING 23777	40.81 1.49 0.00	37.50 1.27 0.00	33.08 1.03 0.00	23.28 0.65 0.00	22.69 0.68 0.00	22.79 0.68 0.00	23.31 0.72 0.00	24.13 0.79 0.00	24.70 0.89 -0.02	25.92 0.94 -0.18	27.95 1.06 -0.24	33.24 1.42 -0.70	40.73 1.63 -1.10	26.16 0.95 -1.35	25.23 0.77 -0.74	15.80 0.53 -1.05	15.25 0.44 -1.58	23.80 0.71 -0.57	26.60 0.73 -0.39	25.48 0.71 -0.10	24.22 0.68 -0.08	24.71 0.67 -0.03	21.47 0.53 -0.02	19.75 0.42 0.00
SLEIGHT__34_KV_TB1 80719	40.92 1.60 0.00	37.54 1.32 0.00	32.97 0.92 0.00	23.19 0.56 0.00	22.63 0.62 0.00	22.74 0.62 0.00	23.32 0.72 0.00	24.10 0.77 0.00	24.73 0.91 -0.03	26.08 0.91 -0.36	28.12 0.99 -0.48	33.71 1.19 -1.42	41.56 1.32 -2.24	27.43 0.84 -2.74	25.83 0.61 -1.50	16.71 0.35 -2.14	16.72 0.28 -3.20	24.10 0.42 -1.16	26.80 0.53 -0.79	25.39 0.52 -0.20	24.02 0.40 -0.16	24.48 0.41 -0.06	21.18 0.22 -0.03	19.50 0.16 0.00
SOUTH CAIRO____GT 23612	41.45 2.13 0.00	38.42 2.20 0.00	34.26 2.21 0.00	24.46 1.57 -0.26	23.39 1.38 0.00	23.50 1.38 0.00	23.92 1.33 0.00	24.67 1.33 0.00	25.06 1.27 0.00	26.15 1.34 0.00	28.02 1.37 0.00	32.85 1.74 0.00	40.32 2.27 -0.06	48.11 1.65 -22.61	38.96 1.58 -13.68	38.17 0.84 -23.11	56.90 0.85 -42.83	49.54 1.56 -25.46	44.22 1.75 -17.00	29.99 1.54 -3.78	26.15 1.42 -1.27	25.78 1.41 -0.36	24.72 1.26 -2.53	20.58 1.24 0.00
SOUTH HAMPTN____IC 23720	43.84 4.52 0.00	47.67 4.34 -7.11	40.15 4.04 -4.07	27.03 2.55 -1.85	24.42 2.41 0.00	24.51 2.39 0.00	24.90 2.31 0.00	25.88 2.54 0.00	26.59 2.80 0.00	28.41 3.06 -0.55	41.47 3.57 -11.24	42.55 4.49 -6.95	43.32 5.27 -0.06	46.75 3.39 -19.51	42.64 3.48 -15.44	38.19 2.23 -21.73	112.51 2.04 -97.24	125.89 3.48 -99.89	191.81 4.12 -162.22	152.32 3.80 -123.85	338.24 3.15 -311.64	199.58 3.27 -172.30	81.48 3.30 -57.25	51.87 2.78 -29.76
SOUTHDOW_115KV_TB1 355954	40.87 1.55 0.00	37.04 0.81 0.00	32.31 0.26 0.00	22.63 0.00 0.00	22.49 0.48 0.00	22.60 0.48 0.00	23.20 0.61 0.00	24.04 0.71 0.00	24.49 0.69 0.00	25.38 0.57 0.00	27.64 0.98 0.00	32.10 0.99 0.00	38.49 0.49 -0.01	27.27 0.40 -3.02	24.96 -0.48 -1.73	14.37 -0.25 -0.40	16.67 -0.34 -3.78	22.81 -0.11 -0.40	25.95 0.16 -0.33	24.79 0.24 0.13	23.44 -0.11 -0.08	24.11 0.09 0.00	21.07 0.14 0.00	19.32 -0.02 0.00
SOUTHOLD_69_KV_BK 2 55809	44.32 5.01 0.00	48.29 4.96 -7.11	41.13 5.02 -4.07	27.71 3.23 -1.85	25.07 3.06 0.00	25.16 3.04 0.00	25.55 2.96 0.00	26.59 3.26 0.00	27.31 3.52 0.00	29.17 3.82 -0.55	41.51 3.61 -11.24	43.03 4.97 -6.95	44.10 6.05 -0.06	47.28 3.92 -19.51	43.13 3.98 -15.44	38.50 2.54 -21.73	112.82 2.32 -97.27	126.51 4.02 -99.97	192.48 4.73 -162.27	153.03 4.46 -123.89	338.84 3.74 -311.64	200.08 3.77 -172.30	82.33 4.17 -57.24	52.45 3.35 -29.76

SOUTHOLD___IC 23719	44.32 5.01 0.00	48.29 4.96 -7.11	41.13 5.02 -4.07	27.71 3.23 -1.85	25.07 3.06 0.00	25.16 3.04 0.00	25.54 2.95 0.00	26.59 3.26 0.00	27.31 3.52 0.00	29.17 3.81 -0.55	41.51 3.61 -11.24	43.03 4.97 -6.95	44.11 6.05 -0.06	47.28 3.91 -19.51	43.13 3.98 -15.44	38.50 2.54 -21.73	112.82 2.32 -97.27	126.50 4.01 -99.98	192.48 4.73 -162.28	153.03 4.46 -123.89	338.84 3.74 -311.64	200.08 3.77 -172.30	82.34 4.17 -57.24	52.45 3.35 -29.76
SPIERFLS_115KV_TB 1 80737	41.80 2.48 0.00	38.50 2.28 0.00	34.14 2.10 0.00	24.49 1.49 -0.37	23.46 1.44 0.00	23.56 1.44 0.00	23.93 1.34 0.00	24.72 1.38 0.00	25.24 1.44 0.00	26.43 1.62 0.00	28.25 1.59 0.00	33.17 2.06 0.00	40.66 2.60 -0.07	50.55 1.78 -24.92	40.48 1.68 -15.08	40.70 0.96 -25.52	59.29 0.85 -45.21	48.23 1.37 -24.34	43.42 1.63 -16.32	30.12 1.54 -3.91	26.34 1.58 -1.29	26.16 1.64 -0.51	25.77 1.32 -3.52	20.49 1.15 0.00
ST LAWRENCE____ 23600	38.39 -0.93 0.00	35.49 -0.73 0.00	31.41 -0.63 0.00	22.24 -0.39 0.00	21.66 -0.35 0.00	21.81 -0.32 0.00	22.29 -0.30 0.00	22.92 -0.42 0.00	23.38 -0.42 0.00	24.34 -0.47 0.00	26.10 -0.55 0.00	30.34 -0.77 0.00	37.03 -0.96 0.00	23.16 -0.69 0.00	23.17 -0.55 0.00	13.86 -0.36 0.00	12.94 -0.29 0.00	22.06 -0.46 0.00	24.92 -0.55 0.00	24.10 -0.57 0.00	23.00 -0.47 0.00	23.59 -0.42 0.00	20.66 -0.27 0.00	19.14 -0.20 0.00
STATE_CA_115KV_115_LB 55624	40.25 0.93 0.00	37.29 1.07 0.00	33.27 1.22 0.00	23.90 0.89 -0.38	22.73 0.72 0.00	22.84 0.72 0.00	23.24 0.65 0.00	23.99 0.65 0.00	24.48 0.68 0.00	25.54 0.73 0.00	27.39 0.74 0.00	32.12 1.01 0.00	39.40 1.34 -0.07	49.17 1.03 -24.29	39.36 0.95 -14.69	39.65 0.56 -24.86	58.27 0.50 -44.54	47.94 0.81 -24.61	42.84 0.89 -16.48	29.57 0.85 -4.04	25.58 0.83 -1.29	25.35 0.81 -0.52	25.26 0.69 -3.64	19.98 0.64 0.00
STATE_ST_34_KV_LOAD 55959	40.29 0.97 0.00	37.05 0.82 0.00	32.63 0.58 0.00	22.96 0.33 0.00	22.36 0.35 0.00	22.47 0.35 0.00	23.02 0.42 0.00	23.76 0.42 0.00	24.37 0.52 -0.05	25.89 0.55 -0.54	27.90 0.53 -0.71	33.94 0.73 -2.10	42.22 0.90 -3.32	27.56 0.52 -3.19	25.83 0.39 -1.72	17.41 0.26 -2.93	16.91 0.20 -3.47	24.06 0.23 -1.31	26.69 0.33 -0.89	25.30 0.35 -0.28	23.94 0.27 -0.20	24.30 0.21 -0.08	21.06 0.08 -0.05	19.42 0.08 0.00
STATION 5_MISC_HYD 23604	40.42 1.10 0.00	36.91 0.69 0.00	32.35 0.30 0.00	22.73 0.10 0.00	22.27 0.26 0.00	22.36 0.24 0.00	22.95 0.36 0.00	23.66 0.33 0.00	24.21 0.41 0.00	25.07 0.26 0.00	27.11 0.46 0.00	31.46 0.35 0.00	38.01 0.01 -0.01	26.04 0.13 -2.06	24.70 -0.26 -1.25	16.19 -0.20 -2.17	16.23 -0.24 -3.24	23.20 -0.30 -0.98	25.93 -0.22 -0.68	24.53 -0.17 -0.04	23.13 -0.41 -0.08	23.65 -0.36 0.00	20.64 -0.30 0.00	19.02 -0.32 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.47 1.15 0.00	37.01 0.78 0.00	32.48 0.43 0.00	22.83 0.20 0.00	22.34 0.33 0.00	22.44 0.32 0.00	23.00 0.41 0.00	23.78 0.45 0.00	24.33 0.52 -0.01	25.37 0.45 -0.11	27.43 0.63 -0.15	32.20 0.65 -0.44	39.25 0.55 -0.70	26.55 0.41 -2.28	25.10 0.06 -1.33	16.40 0.02 -2.16	16.43 -0.04 -3.24	23.53 -0.03 -1.04	26.23 0.04 -0.72	24.83 0.07 -0.08	23.46 -0.10 -0.10	23.93 -0.10 -0.02	20.82 -0.12 -0.01	19.18 -0.16 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.17 0.85 0.00	36.70 0.48 0.00	32.16 0.11 0.00	22.61 -0.02 0.00	22.13 0.12 0.00	22.22 0.10 0.00	22.80 0.21 0.00	23.53 0.19 0.00	24.07 0.27 0.00	24.94 0.13 0.00	26.97 0.31 0.00	31.31 0.20 0.00	37.89 -0.11 -0.01	25.92 0.02 -2.04	24.60 -0.35 -1.24	16.12 -0.25 -2.15	16.16 -0.28 -3.21	23.09 -0.40 -0.97	25.81 -0.34 -0.68	24.41 -0.30 -0.04	23.03 -0.50 -0.08	23.55 -0.47 0.00	20.53 -0.40 0.00	18.93 -0.41 0.00
STA_56___34_KV_BUS2 355983	40.17 0.85 0.00	36.70 0.48 0.00	32.16 0.11 0.00	22.61 -0.02 0.00	22.13 0.12 0.00	22.22 0.10 0.00	22.80 0.21 0.00	23.53 0.19 0.00	24.07 0.27 0.00	24.94 0.13 0.00	26.97 0.31 0.00	31.31 0.20 0.00	37.89 -0.11 -0.01	25.92 0.02 -2.04	24.60 -0.35 -1.24	16.12 -0.25 -2.15	16.16 -0.28 -3.21	23.09 -0.40 -0.97	25.81 -0.34 -0.68	24.41 -0.30 -0.04	23.03 -0.50 -0.08	23.55 -0.47 0.00	20.53 -0.40 0.00	18.93 -0.41 0.00
STA_67___115KV_BK2 355882	40.29 0.97 0.00	36.80 0.58 0.00	32.26 0.21 0.00	22.67 0.04 0.00	22.21 0.20 0.00	22.31 0.19 0.00	22.89 0.29 0.00	23.60 0.26 0.00	24.14 0.34 0.00	24.99 0.18 0.00	27.03 0.37 0.00	31.36 0.25 0.00	37.91 -0.09 -0.01	25.95 0.04 -2.06	24.62 -0.34 -1.25	16.15 -0.24 -2.16	16.20 -0.27 -3.24	23.13 -0.37 -0.98	25.85 -0.30 -0.68	24.45 -0.26 -0.04	23.07 -0.48 -0.08	23.59 -0.42 0.00	20.58 -0.35 0.00	18.98 -0.36 0.00
STA_7___115KV_9TRANS 80674	40.71 1.39 0.00	37.17 0.94 0.00	32.56 0.51 0.00	22.87 0.24 0.00	22.41 0.39 0.00	22.49 0.38 0.00	23.08 0.49 0.00	23.81 0.47 0.00	24.36 0.57 0.00	25.22 0.42 0.00	27.29 0.64 0.00	31.68 0.57 0.00	38.29 0.30 -0.01	26.19 0.28 -2.06	24.84 -0.12 -1.25	16.28 -0.11 -2.17	16.31 -0.16 -3.24	23.32 -0.18 -0.98	26.08 -0.08 -0.68	24.65 -0.06 -0.04	23.25 -0.29 -0.08	23.78 -0.23 0.00	20.74 -0.19 0.00	19.11 -0.23 0.00
STA_82___115KV_TB1 80780	40.32 1.01 0.00	36.83 0.61 0.00	32.28 0.23 0.00	22.68 0.05 0.00	22.23 0.21 0.00	22.32 0.20 0.00	22.90 0.31 0.00	23.62 0.28 0.00	24.15 0.36 0.00	25.00 0.19 0.00	27.04 0.39 0.00	31.38 0.27 0.00	37.94 -0.06 -0.01	25.98 0.06 -2.07	24.65 -0.32 -1.25	16.17 -0.23 -2.18	16.22 -0.27 -3.26	23.14 -0.36 -0.99	25.87 -0.28 -0.68	24.46 -0.25 -0.04	23.08 -0.46 -0.08	23.61 -0.40 0.00	20.60 -0.33 0.00	18.99 -0.35 0.00
STEEL___WIND 323596	40.44 1.12 0.00	36.79 0.57 0.00	32.13 0.08 0.00	22.56 -0.07 0.00	22.28 0.26 0.00	22.38 0.26 0.00	22.99 0.40 0.00	23.67 0.34 0.00	24.18 0.38 0.00	24.95 0.15 0.00	27.05 0.40 0.00	31.34 0.22 0.00	37.67 -0.33 -0.01	26.56 -0.09 -2.80	24.57 -0.65 -1.51	11.71 -0.40 2.11	15.87 -0.52 -3.15	22.30 -0.60 -0.38	25.31 -0.47 -0.31	24.17 -0.38 0.12	22.83 -0.72 -0.08	23.43 -0.58 0.00	20.52 -0.41 0.00	18.88 -0.45 0.00
STEPHTWN_115KV_BK_2 55603	40.31 0.99 0.00	37.28 1.06 0.00	33.28 1.24 0.00	23.87 0.86 -0.39	22.73 0.72 0.00	22.85 0.73 0.00	23.32 0.73 0.00	24.06 0.73 0.00	24.56 0.76 0.00	25.69 0.89 0.00	27.53 0.87 0.00	32.32 1.21 0.00	39.59 1.53 -0.07	48.97 1.13 -23.99	39.29 1.07 -14.51	39.41 0.63 -24.56	58.03 0.58 -44.21	48.26 1.03 -24.72	43.11 1.09 -16.55	29.76 1.00 -4.09	25.68 0.94 -1.28	25.46 0.93 -0.53	25.42 0.82 -3.67	20.08 0.75 0.00
STEUBEN_REC_LFGE 323667	41.21 1.89 0.00	37.51 1.28 0.00	32.72 0.67 0.00	22.92 0.29 0.00	22.66 0.64 0.00	22.87 0.75 0.00	23.29 0.70 0.00	24.10 0.76 0.00	24.54 0.73 -0.01	25.59 0.62 -0.16	27.74 0.87 -0.21	32.80 1.07 -0.62	40.21 1.23 -0.99	28.60 0.83 -3.92	26.51 0.09 -2.70	29.03 -0.12 -14.93	19.29 -0.49 -6.55	22.41 -0.64 -0.53	25.93 0.04 -0.42	24.65 0.07 0.09	23.51 -0.08 -0.13	23.85 -0.19 -0.02	21.05 0.11 -0.01	19.48 0.14 0.00

STONY___BROOK 24151	43.07 3.75 0.00	46.88 3.55 -7.11	39.36 3.25 -4.07	26.54 2.06 -1.85	23.96 1.95 0.00	24.02 1.90 0.00	24.43 1.84 0.00	25.42 2.08 0.00	26.11 2.32 0.00	27.85 2.50 -0.55	40.92 3.02 -11.24	41.75 3.69 -6.95	42.08 4.02 -0.07	46.00 2.63 -19.51	41.87 2.72 -15.44	37.69 1.74 -21.73	126.48 1.55 -111.70	157.38 2.63 -132.23	226.07 3.16 -197.44	174.24 2.89 -146.68	337.50 2.40 -311.64	198.86 2.55 -172.30	82.23 2.69 -58.60	51.44 2.35 -29.76
STURGEON_POOL_HYD 23609	41.76 2.44 0.00	38.59 2.37 0.00	34.12 2.07 0.00	24.06 1.43 0.00	23.41 1.40 0.00	23.49 1.37 0.00	23.97 1.37 0.00	24.99 1.65 0.00	25.57 1.77 0.00	26.76 1.95 0.00	28.84 2.19 0.00	33.81 2.70 0.00	41.44 3.39 -0.05	45.72 2.23 -19.64	37.86 2.27 -11.88	35.65 1.43 -20.00	54.64 1.37 -40.04	52.37 2.42 -27.43	46.46 2.78 -18.21	30.73 2.58 -3.48	27.09 2.37 -1.26	26.33 2.32 0.00	22.81 1.88 0.00	20.88 1.54 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.40 2.08 0.00	38.23 2.01 0.00	33.84 1.80 0.00	21.86 1.25 2.01	23.19 1.18 0.00	23.27 1.16 0.00	23.74 1.15 0.00	24.72 1.39 0.00	25.28 1.49 0.00	26.44 1.63 0.00	28.41 1.76 0.00	33.33 2.22 0.00	40.86 2.82 -0.05	43.79 1.94 -18.00	36.50 1.90 -10.89	33.80 1.19 -18.39	60.07 1.13 -45.71	65.82 1.94 -41.37	54.91 2.22 -27.22	27.40 2.06 -0.67	26.99 1.90 -1.63	23.15 1.87 2.74	3.42 1.57 19.08	20.65 1.31 0.00
SWANROAD_115KV_TB1 355699	39.27 -0.05 0.00	35.73 -0.49 0.00	31.25 -0.80 0.00	21.97 -0.66 0.00	21.68 -0.34 0.00	21.76 -0.36 0.00	22.36 -0.23 0.00	22.93 -0.40 0.00	23.42 -0.38 0.00	24.04 -0.77 0.00	26.08 -0.58 0.00	30.13 -0.98 0.00	36.12 -1.88 -0.01	25.43 -1.00 -2.57	23.69 -1.44 -1.42	12.29 -0.79 1.14	15.29 -0.96 -3.02	21.47 -1.40 -0.36	24.35 -1.41 -0.29	23.32 -1.25 0.11	22.02 -1.52 -0.07	22.60 -1.41 0.00	19.82 -1.11 0.00	18.32 -1.02 0.00
SYNERGY___BIOGAS 323694	41.23 1.91 0.00	37.50 1.28 0.00	32.78 0.73 0.00	23.02 0.39 0.00	22.64 0.63 0.00	22.74 0.62 0.00	23.35 0.77 0.00	24.02 0.68 0.00	24.58 0.78 0.00	25.38 0.57 0.00	27.49 0.84 0.00	31.84 0.73 0.00	38.25 0.25 -0.01	26.56 0.35 -2.37	24.87 -0.18 -1.34	14.06 -0.10 0.06	16.34 -0.25 -3.36	23.42 -0.22 -1.13	26.17 -0.08 -0.78	24.71 0.00 -0.04	23.21 -0.34 -0.09	23.77 -0.25 0.00	20.79 -0.14 0.00	19.14 -0.20 0.00
SYRACUSE___ENERGY_ST1 323597	39.54 0.21 0.00	36.42 0.20 0.00	32.11 0.06 0.00	22.59 -0.04 0.00	21.99 -0.03 0.00	22.08 -0.04 0.00	22.59 0.00 0.00	23.39 0.05 0.00	23.95 0.10 -0.05	25.52 0.11 -0.60	27.59 0.14 -0.80	33.65 0.18 -2.36	41.91 0.18 -3.72	26.90 0.14 -2.90	25.20 0.00 -1.50	16.06 0.02 -1.81	15.94 0.00 -2.71	23.60 -0.06 -1.14	26.18 -0.06 -0.77	24.92 -0.05 -0.30	23.55 -0.11 -0.20	23.97 -0.13 -0.09	20.82 -0.16 -0.05	19.15 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	39.54 0.21 0.00	36.42 0.20 0.00	32.11 0.06 0.00	22.59 -0.04 0.00	21.99 -0.03 0.00	22.08 -0.04 0.00	22.59 0.00 0.00	23.39 0.05 0.00	23.95 0.10 -0.05	25.52 0.11 -0.60	27.59 0.14 -0.80	33.65 0.18 -2.36	41.91 0.20 -3.72	26.90 0.14 -2.90	25.20 0.00 -1.50	16.06 0.02 -1.81	15.94 0.00 -2.71	23.60 -0.06 -1.14	26.18 -0.06 -0.77	24.92 -0.05 -0.30	23.55 -0.11 -0.20	23.97 -0.13 -0.09	20.82 -0.16 -0.05	19.15 -0.18 0.00
SYRACUSE___POWER 24017	39.59 0.27 0.00	36.38 0.16 0.00	32.08 0.04 0.00	22.57 -0.06 0.00	21.98 -0.04 0.00	22.07 -0.05 0.00	22.56 -0.02 0.00	23.38 0.04 0.00	23.91 0.07 -0.03	25.29 0.08 -0.40	27.32 0.14 -0.52	32.84 0.18 -1.54	40.63 0.19 -2.44	26.56 0.14 -2.57	25.09 -0.01 -1.38	16.13 0.02 -1.89	16.04 -0.01 -2.82	23.53 -0.06 -1.07	26.12 -0.07 -0.72	24.81 -0.07 -0.21	23.49 -0.13 -0.15	23.93 -0.15 -0.06	20.80 -0.16 -0.03	19.14 -0.20 0.00
TALLMAN__138KV_BK151 55660	41.61 2.29 0.00	38.41 2.19 0.00	33.98 1.94 0.00	21.26 1.35 2.72	23.28 1.27 0.00	23.36 1.24 0.00	23.84 1.24 0.00	24.84 1.51 0.00	25.44 1.64 0.00	26.61 1.81 0.00	28.58 1.93 0.00	33.56 2.45 0.00	41.14 3.10 -0.05	44.64 2.12 -18.67	37.07 2.07 -11.29	34.60 1.30 -19.07	59.58 1.23 -45.12	63.36 2.11 -38.74	53.41 2.41 -25.53	26.01 2.25 0.92	27.10 2.07 -1.57	22.36 2.05 3.70	-3.10 1.73 25.76	20.77 1.44 0.00
TEALLAVE_115KV_TB7 355573	39.35 0.04 0.00	36.18 -0.05 0.00	31.90 -0.15 0.00	22.44 -0.19 0.00	21.84 -0.18 0.00	21.93 -0.19 0.00	22.42 -0.17 0.00	23.23 -0.11 0.00	23.75 -0.08 -0.03	25.05 -0.08 -0.32	27.05 -0.03 -0.43	32.35 -0.03 -1.26	39.90 -0.09 -2.00	25.96 -0.04 -2.14	24.69 -0.18 -1.16	15.73 -0.08 -1.58	15.49 -0.11 -2.37	23.19 -0.22 -0.89	25.83 -0.25 -0.61	24.60 -0.24 -0.17	23.29 -0.30 -0.13	23.75 -0.31 -0.05	20.65 -0.30 -0.03	19.01 -0.33 0.00
TELGRAPH_34_KV_EAST 80808	40.23 0.91 0.00	36.60 0.38 0.00	31.99 -0.06 0.00	22.48 -0.15 0.00	22.15 0.14 0.00	22.24 0.12 0.00	22.84 0.25 0.00	23.47 0.13 0.00	24.00 0.20 0.00	24.70 -0.10 0.00	26.78 0.13 0.00	30.99 -0.12 0.00	37.20 -0.80 -0.01	25.97 -0.34 -2.45	24.25 -0.83 -1.37	13.16 -0.47 0.60	16.02 -0.62 -3.40	22.85 -0.83 -1.17	25.51 -0.77 -0.81	24.05 -0.66 -0.04	22.60 -0.95 -0.09	23.17 -0.84 0.00	20.33 -0.60 0.00	18.76 -0.58 0.00
TEMPLE___115KV_TB 2 55572	39.39 0.07 0.00	36.20 -0.02 0.00	31.92 -0.13 0.00	22.46 -0.17 0.00	21.86 -0.16 0.00	21.94 -0.17 0.00	22.44 -0.15 0.00	23.25 -0.09 0.00	23.77 -0.06 -0.03	25.07 -0.06 -0.32	27.08 -0.01 -0.43	32.37 -0.01 -1.26	39.93 -0.06 -1.99	26.00 -0.01 -2.16	24.72 -0.16 -1.17	15.76 -0.06 -1.61	15.54 -0.09 -2.40	23.21 -0.20 -0.90	25.86 -0.22 -0.61	24.63 -0.22 -0.17	23.31 -0.28 -0.13	23.77 -0.29 -0.05	20.67 -0.29 -0.03	19.02 -0.31 0.00
TIANA____69_KV_BK 1 55817	43.60 4.28 0.00	47.45 4.12 -7.11	39.94 3.83 -4.07	26.89 2.41 -1.85	24.29 2.27 0.00	24.37 2.25 0.00	24.76 2.17 0.00	25.73 2.39 0.00	26.44 2.65 0.00	28.24 2.89 -0.55	41.31 3.42 -11.24	42.34 4.27 -6.95	43.02 4.96 -0.06	46.56 3.20 -19.51	42.45 3.30 -15.44	38.07 2.12 -21.73	112.42 1.93 -97.26	125.79 3.31 -99.96	191.66 3.92 -162.26	152.16 3.60 -123.88	338.07 2.98 -311.64	199.42 3.11 -172.30	81.32 3.15 -57.24	51.75 2.66 -29.76
TILDEN___115KV_TB1 80814	39.59 0.27 0.00	36.38 0.16 0.00	32.08 0.04 0.00	22.57 -0.06 0.00	21.98 -0.04 0.00	22.07 -0.05 0.00	22.56 -0.02 0.00	23.38 0.04 0.00	23.91 0.07 -0.03	25.29 0.08 -0.40	27.32 0.14 -0.52	32.84 0.18 -1.54	40.63 0.19 -2.44	26.56 0.14 -2.57	25.09 -0.01 -1.38	16.13 0.02 -1.89	16.04 -0.01 -2.82	23.53 -0.06 -1.07	26.12 -0.07 -0.72	24.81 -0.07 -0.21	23.49 -0.13 -0.15	23.93 -0.15 -0.06	20.80 -0.16 -0.03	19.14 -0.20 0.00
TRIGEN___CC 323695	42.18 2.86 0.00	46.09 2.76 -7.11	38.65 2.54 -4.06	26.18 1.70 -1.85	23.62 1.61 0.00	23.66 1.54 0.00	24.13 1.54 0.00	25.15 1.81 0.00	25.79 1.99 0.00	27.48 2.13 -0.55	40.34 2.45 -11.24	41.06 3.00 -6.95	41.53 3.49 -0.05	45.69 2.33 -19.51	41.58 2.43 -15.44	37.49 1.54 -21.73	59.69 1.40 -45.06	61.44 2.39 -36.53	67.26 2.82 -38.97	84.92 2.65 -57.60	337.62 2.52 -311.64	198.87 2.55 -172.30	59.04 2.25 -35.87	51.02 1.92 -29.76

TRINITY__115KV__4 BK 55933	39.99 0.67 0.00	37.07 0.85 0.00	33.09 1.04 0.00	23.79 0.77 -0.39	22.62 0.61 0.00	22.73 0.61 0.00	23.13 0.54 0.00	23.85 0.52 0.00	24.32 0.52 0.00	25.38 0.57 0.00	27.20 0.54 0.00	31.89 0.77 0.00	39.12 1.06 -0.07	48.75 0.85 -24.05	39.04 0.77 -14.55	39.30 0.45 -24.62	57.92 0.41 -44.28	47.87 0.67 -24.69	42.74 0.74 -16.53	29.47 0.71 -4.08	25.45 0.71 -1.28	25.23 0.69 -0.53	25.20 0.59 -3.68	19.90 0.56 0.00
UNION__PROCESSING_DRP 323587	40.34 1.02 0.00	36.85 0.62 0.00	32.29 0.24 0.00	22.70 0.07 0.00	22.24 0.22 0.00	22.33 0.21 0.00	22.91 0.31 0.00	23.62 0.28 0.00	24.16 0.37 0.00	25.01 0.21 0.00	27.06 0.40 0.00	31.40 0.28 0.00	37.96 -0.04 -0.01	25.99 0.07 -2.07	24.66 -0.31 -1.26	16.17 -0.23 -2.18	16.23 -0.27 -3.26	23.15 -0.36 -0.99	25.88 -0.28 -0.69	24.47 -0.24 -0.04	23.09 -0.45 -0.08	23.61 -0.40 0.00	20.60 -0.33 0.00	19.00 -0.34 0.00
UPPER HUDSON__HYD 24058	41.80 2.48 0.00	38.50 2.28 0.00	34.14 2.10 0.00	24.49 1.49 -0.37	23.46 1.44 0.00	23.56 1.44 0.00	23.93 1.34 0.00	24.72 1.38 0.00	25.24 1.44 0.00	26.43 1.62 0.00	28.25 1.59 0.00	33.17 2.06 0.00	40.67 2.60 -0.07	50.55 1.78 -24.92	40.48 1.68 -15.08	40.70 0.96 -25.52	59.29 0.85 -45.21	48.23 1.37 -24.34	43.42 1.63 -16.32	30.12 1.54 -3.91	26.34 1.58 -1.29	26.16 1.64 -0.51	25.77 1.32 -3.52	20.49 1.15 0.00
UPPER RAQUET__HYD 24056	38.34 -0.97 0.00	35.47 -0.75 0.00	31.30 -0.75 0.00	22.20 -0.43 0.00	21.79 -0.23 0.00	22.00 -0.12 0.00	22.64 0.04 0.00	23.17 -0.17 0.00	23.78 -0.03 -0.01	24.87 -0.03 -0.10	26.66 -0.13 -0.13	31.37 -0.14 -0.39	38.39 -0.22 -0.62	23.64 -0.40 -0.20	23.55 -0.24 -0.08	14.07 -0.15 0.00	13.16 -0.07 0.00	22.45 -0.12 -0.05	25.17 -0.34 -0.03	24.47 -0.25 -0.05	23.39 -0.10 -0.02	23.95 -0.08 -0.02	21.01 0.07 -0.01	19.43 0.09 0.00
VALLEY44_115KV_TB2 355964	40.21 0.90 0.00	36.67 0.45 0.00	32.10 0.05 0.00	22.56 -0.07 0.00	22.26 0.24 0.00	22.38 0.26 0.00	23.01 0.42 0.00	23.84 0.51 0.00	24.33 0.53 0.00	25.19 0.38 0.00	27.31 0.65 0.00	31.60 0.49 0.00	38.14 0.13 -0.01	27.01 0.06 -3.11	25.00 -0.52 -1.81	15.19 -0.22 -1.19	16.82 -0.42 -4.00	22.43 -0.50 -0.41	25.53 -0.28 -0.33	24.43 -0.11 0.13	23.14 -0.40 -0.09	23.69 -0.32 0.00	20.74 -0.19 0.00	19.06 -0.28 0.00
VALLEY__115KV_TB 1-4 80826	40.04 0.73 0.00	36.91 0.69 0.00	32.72 0.67 0.00	23.08 0.45 0.00	22.37 0.36 0.00	22.53 0.41 0.00	22.96 0.37 0.00	23.74 0.41 0.00	24.18 0.38 0.00	25.22 0.42 0.00	27.15 0.49 0.00	31.84 0.73 0.00	39.10 1.10 0.00	24.73 0.88 0.00	24.53 0.81 0.00	14.68 0.46 0.00	13.53 0.30 0.00	22.90 0.38 0.00	26.00 0.53 0.00	25.20 0.53 0.00	23.94 0.48 0.00	24.35 0.33 0.00	21.20 0.27 0.00	19.52 0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.10 1.78 0.00	37.62 1.40 0.00	33.30 1.25 0.00	23.46 0.83 0.00	22.85 0.83 0.00	22.93 0.81 0.00	23.44 0.85 0.00	24.32 0.99 0.00	24.83 1.03 -0.01	26.06 1.14 -0.11	28.10 1.30 -0.15	33.15 1.60 -0.44	40.69 1.99 -0.71	31.88 1.30 -6.73	28.94 1.20 -4.02	21.87 0.71 -6.94	23.15 0.64 -9.28	24.83 1.10 -1.21	27.71 1.31 -0.93	25.76 1.27 0.18	24.79 1.11 -0.21	25.11 1.09 -0.02	21.83 0.89 -0.01	20.07 0.73 0.00
VISCHER__FERRY HYD 24020	40.86 1.54 0.00	37.84 1.62 0.00	33.61 1.56 0.00	24.14 1.12 -0.39	23.06 1.05 0.00	23.18 1.06 0.00	23.57 0.97 0.00	24.29 0.95 0.00	24.75 0.96 0.00	25.83 1.02 0.00	27.68 1.02 0.00	32.49 1.37 0.00	39.89 1.82 -0.07	49.55 1.33 -24.37	39.70 1.24 -14.75	39.91 0.73 -24.96	58.63 0.66 -44.74	48.39 1.10 -24.76	43.27 1.21 -16.59	30.01 1.21 -4.12	25.95 1.20 -1.29	25.73 1.18 -0.54	25.64 0.97 -3.74	20.21 0.87 0.00
V_A_10_SYNC_DSASP 323832	39.67 0.35 0.00	36.19 -0.04 0.00	31.68 -0.37 0.00	22.27 -0.36 0.00	21.92 -0.10 0.00	22.01 -0.11 0.00	22.61 0.02 0.00	23.26 -0.08 0.00	23.77 -0.02 0.00	24.50 -0.30 0.00	26.54 -0.12 0.00	30.68 -0.44 0.00	36.93 -1.07 -0.01	25.65 -0.51 -2.31	24.07 -0.95 -1.31	13.54 -0.61 0.07	15.87 -0.64 -3.28	22.69 -0.93 -1.10	25.35 -0.88 -0.76	23.93 -0.78 -0.04	22.52 -1.03 -0.09	23.07 -0.94 0.00	20.18 -0.75 0.00	18.62 -0.72 0.00
V_CMM_10_SYNC_DSASP 323787	38.56 -0.76 0.00	35.65 -0.57 0.00	31.56 -0.49 0.00	22.34 -0.29 0.00	21.76 -0.25 0.00	21.90 -0.22 0.00	22.39 -0.20 0.00	23.02 -0.32 0.00	23.48 -0.31 0.00	24.45 -0.35 0.00	26.22 -0.44 0.00	30.48 -0.63 0.00	37.21 -0.79 0.00	23.26 -0.59 0.00	23.26 -0.45 0.00	13.92 -0.30 0.00	13.00 -0.23 0.00	22.17 -0.35 0.00	25.04 -0.43 0.00	24.21 -0.47 0.00	23.10 -0.36 0.00	23.71 -0.31 0.00	20.74 -0.19 0.00	19.22 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	38.00 -1.32 0.00	35.54 -0.68 0.00	31.76 -0.28 0.00	22.40 -0.23 0.00	21.81 -0.20 0.00	22.00 -0.12 0.00	22.43 -0.16 0.00	23.05 -0.29 0.00	23.47 -0.33 0.00	24.44 -0.37 0.00	25.97 -0.68 0.00	30.08 -1.03 0.00	36.83 -1.16 0.00	23.01 -0.84 0.00	22.91 -0.80 0.00	13.72 -0.51 0.00	12.81 -0.43 0.00	21.87 -0.65 0.00	24.63 -0.84 0.00	23.78 -0.89 0.00	22.86 -0.60 0.00	23.55 -0.46 0.00	21.05 0.12 0.00	19.49 0.15 0.00
V_E_10_SYNC_DSASP 323830	43.29 3.98 0.00	39.52 3.30 0.00	34.83 2.78 0.00	24.51 1.88 0.00	23.93 1.92 0.00	24.06 1.95 0.00	24.65 2.06 0.00	25.59 2.25 0.00	26.10 2.29 -0.02	27.29 2.23 -0.24	29.51 2.53 -0.32	34.88 2.82 -0.95	43.38 3.87 -1.52	31.86 2.61 -5.40	29.09 2.19 -3.19	22.20 1.39 -6.59	21.47 1.08 -7.16	24.10 1.79 0.21	27.72 2.27 0.02	26.53 2.18 0.31	25.45 1.81 -0.17	25.72 1.67 -0.03	22.38 1.43 -0.02	20.65 1.31 0.00
V_F_30_NSYNC__DSASP 323816	41.74 2.43 0.00	38.52 2.30 0.00	34.16 2.11 0.00	24.49 1.48 -0.37	23.44 1.43 0.00	23.55 1.43 0.00	23.96 1.37 0.00	24.75 1.41 0.00	25.23 1.44 0.00	26.36 1.56 0.00	28.27 1.62 0.00	33.21 2.10 0.00	40.75 2.68 -0.07	50.56 1.86 -24.85	40.52 1.78 -15.03	40.70 1.04 -25.44	59.30 0.92 -45.15	48.45 1.53 -24.40	43.55 1.72 -16.36	30.27 1.66 -3.94	26.38 1.62 -1.29	26.15 1.63 -0.51	25.81 1.33 -3.55	20.51 1.17 0.00
V_F_30_SYNC_DSASP 323786	40.25 0.93 0.00	37.28 1.06 0.00	33.26 1.21 0.00	23.90 0.89 -0.38	22.73 0.72 0.00	22.84 0.72 0.00	23.24 0.65 0.00	23.98 0.65 0.00	24.47 0.67 0.00	25.54 0.73 0.00	27.39 0.73 0.00	32.12 1.01 0.00	39.39 1.33 -0.07	49.14 1.02 -24.27	39.34 0.95 -14.68	39.63 0.56 -24.85	58.25 0.50 -44.52	47.94 0.81 -24.61	42.84 0.89 -16.48	29.56 0.85 -4.05	25.57 0.83 -1.29	25.35 0.81 -0.52	25.26 0.69 -3.65	19.98 0.64 0.00
V_XM_10_SYNC_DSASP 323789	38.00 -1.32 0.00	35.54 -0.68 0.00	31.76 -0.28 0.00	22.40 -0.23 0.00	21.81 -0.20 0.00	22.00 -0.12 0.00	22.43 -0.16 0.00	23.05 -0.29 0.00	23.47 -0.33 0.00	24.44 -0.37 0.00	25.97 -0.68 0.00	30.08 -1.03 0.00	36.83 -1.16 0.00	23.01 -0.84 0.00	22.91 -0.80 0.00	13.72 -0.51 0.00	12.81 -0.43 0.00	21.87 -0.65 0.00	24.63 -0.84 0.00	23.78 -0.89 0.00	22.86 -0.60 0.00	23.55 -0.46 0.00	21.05 0.12 0.00	19.49 0.15 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.78 2.46 0.00	38.55 2.33 0.00	34.11 2.06 0.00	21.17 1.44 2.90	23.37 1.36 0.00	23.45 1.33 0.00	23.92 1.34 0.00	24.94 1.60 0.00	25.53 1.74 0.00	26.71 1.90 0.00	28.71 2.05 0.00	33.70 2.59 0.00	41.33 3.28 -0.05	44.89 2.24 -18.79	37.26 2.18 -11.37	34.80 1.37 -19.20	59.54 1.30 -45.01	62.99 2.22 -38.25	53.22 2.54 -25.21	25.79 2.38 1.26	27.19 2.17 -1.56	22.23 2.16 3.94	-4.70 1.81 27.44	20.85 1.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.86 2.54 0.00	38.69 2.47 0.00	34.29 2.25 0.00	26.10 1.60 -1.87	23.55 1.54 0.00	23.62 1.50 0.00	24.07 1.48 0.00	25.10 1.76 0.00	25.69 1.89 0.00	26.87 2.06 0.00	28.80 2.14 0.00	33.82 2.70 0.00	41.50 3.46 -0.05	45.68 2.33 -19.50	37.79 2.28 -11.80	35.59 1.44 -19.93	58.94 1.33 -44.38	60.23 2.26 -35.45	51.50 2.62 -23.41	37.16 2.47 -10.02	27.26 2.30 -1.49	28.90 2.33 -2.55	40.69 2.00 -17.76	21.03 1.69 0.00
W50THST__13_KV_LOAD 356117	42.16 2.84 0.00	38.97 2.75 0.00	34.53 2.49 0.00	26.26 1.77 -1.87	23.69 1.68 0.00	23.76 1.64 0.00	24.23 1.63 0.00	25.24 1.91 0.00	25.84 2.04 0.00	27.03 2.22 0.00	28.97 2.31 0.00	34.02 2.91 0.00	41.77 3.72 -0.05	45.85 2.50 -19.50	37.95 2.44 -11.80	35.68 1.53 -19.93	59.03 1.42 -44.38	60.37 2.40 -35.45	51.67 2.78 -23.41	37.32 2.63 -10.02	27.40 2.45 -1.49	29.05 2.49 -2.55	40.82 2.12 -17.76	21.13 1.79 0.00
WADING RIVER_IC_1 23522	42.75 3.43 0.00	46.74 3.42 -7.11	39.32 3.21 -4.07	26.45 1.97 -1.85	23.87 1.85 0.00	23.98 1.85 0.00	24.33 1.74 0.00	25.24 1.90 0.00	25.93 2.13 0.00	27.66 2.31 -0.55	40.72 2.82 -11.24	41.61 3.55 -6.95	42.08 4.02 -0.06	45.92 2.56 -19.51	41.83 2.68 -15.44	37.69 1.73 -21.73	111.95 1.58 -97.14	124.64 2.67 -99.45	190.62 3.19 -161.96	151.22 2.92 -123.63	337.46 2.36 -311.64	198.86 2.55 -172.30	80.89 2.66 -57.30	51.35 2.26 -29.76
WADING RIVER_IC_2 23547	42.75 3.43 0.00	46.74 3.42 -7.11	39.32 3.21 -4.07	26.45 1.97 -1.85	23.87 1.85 0.00	23.98 1.85 0.00	24.33 1.74 0.00	25.24 1.90 0.00	25.93 2.13 0.00	27.66 2.31 -0.55	40.72 2.82 -11.24	41.61 3.55 -6.95	42.08 4.02 -0.06	45.92 2.56 -19.51	41.83 2.68 -15.44	37.69 1.73 -21.73	111.95 1.58 -97.14	124.64 2.67 -99.45	190.62 3.19 -161.96	151.22 2.92 -123.63	337.46 2.36 -311.64	198.86 2.55 -172.30	80.89 2.66 -57.30	51.35 2.26 -29.76
WADING RIVER_IC_3 23601	42.75 3.43 0.00	46.74 3.42 -7.11	39.32 3.21 -4.07	26.45 1.97 -1.85	23.87 1.85 0.00	23.98 1.85 0.00	24.33 1.74 0.00	25.24 1.90 0.00	25.93 2.13 0.00	27.66 2.31 -0.55	40.72 2.82 -11.24	41.61 3.55 -6.95	42.08 4.02 -0.06	45.92 2.56 -19.51	41.83 2.68 -15.44	37.69 1.73 -21.73	111.95 1.58 -97.14	124.64 2.67 -99.45	190.62 3.19 -161.96	151.22 2.92 -123.63	337.46 2.36 -311.64	198.86 2.55 -172.30	80.89 2.66 -57.30	51.35 2.26 -29.76
WALDENNY_I2_KV_BK2 80841	40.50 1.18 0.00	36.82 0.60 0.00	32.17 0.11 0.00	22.59 -0.04 0.00	22.30 0.29 0.00	22.40 0.29 0.00	23.01 0.42 0.00	23.68 0.34 0.00	24.18 0.39 0.00	24.94 0.13 0.00	27.05 0.40 0.00	31.33 0.22 0.00	37.69 -0.31 -0.01	26.55 -0.07 -2.77	24.59 -0.62 -1.50	11.85 -0.37 2.00	15.87 -0.51 -3.14	22.28 -0.62 -0.37	25.27 -0.50 -0.30	24.14 -0.42 0.12	22.81 -0.73 -0.08	23.41 -0.60 0.00	20.49 -0.43 0.00	18.88 -0.46 0.00
WALDEN__HYDRO 24148	41.94 2.62 0.00	38.71 2.49 0.00	34.25 2.20 0.00	23.53 1.52 0.62	23.45 1.44 0.00	23.54 1.42 0.00	24.01 1.42 0.00	25.01 1.68 0.00	25.57 1.78 0.00	26.74 1.94 0.00	28.74 2.08 0.00	33.70 2.59 0.00	41.26 3.21 -0.05	44.92 2.21 -18.86	37.40 2.28 -11.41	34.89 1.40 -19.26	58.70 1.33 -44.13	61.41 2.36 -36.53	52.27 2.70 -24.10	30.47 2.49 -3.31	27.27 2.31 -1.51	25.43 2.26 0.84	16.94 1.87 5.86	20.90 1.56 0.00
WARRENSBURG____ 23737	41.80 2.48 0.00	38.50 2.28 0.00	34.14 2.10 0.00	24.49 1.49 -0.37	23.46 1.44 0.00	23.56 1.44 0.00	23.93 1.34 0.00	24.72 1.38 0.00	25.24 1.44 0.00	26.43 1.62 0.00	28.25 1.59 0.00	33.17 2.06 0.00	40.67 2.60 -0.07	50.55 1.78 -24.92	40.48 1.68 -15.08	40.70 0.96 -25.52	59.29 0.85 -45.21	48.23 1.37 -24.34	43.42 1.63 -16.32	30.12 1.54 -3.91	26.34 1.58 -1.29	26.16 1.64 -0.51	25.77 1.32 -3.52	20.49 1.15 0.00
WATERSIDE__6 8 9 23538	41.80 2.48 0.00	38.66 2.44 0.00	34.30 2.25 0.00	26.10 1.60 -1.87	23.56 1.55 0.00	23.64 1.53 0.00	24.08 1.49 0.00	25.15 1.81 0.00	25.75 1.95 0.00	26.92 2.12 0.00	28.84 2.19 0.00	33.79 2.68 0.00	41.43 3.38 -0.05	45.62 2.27 -19.50	37.72 2.21 -11.80	35.55 1.39 -19.93	58.90 1.29 -44.38	60.15 2.18 -35.45	51.39 2.50 -23.41	37.07 2.39 -10.02	27.22 2.27 -1.49	28.87 2.31 -2.55	40.70 2.02 -17.75	19.61 1.74 1.47
WATKINRD_115KV_LN8_ILLION 55919	39.78 0.46 0.00	36.66 0.44 0.00	32.47 0.42 0.00	22.92 0.29 0.00	22.26 0.24 0.00	22.38 0.26 0.00	22.83 0.23 0.00	23.59 0.26 0.00	24.02 0.23 0.00	25.05 0.25 0.00	26.95 0.30 0.00	31.57 0.46 0.00	38.73 0.73 0.00	24.45 0.60 0.00	24.26 0.54 0.00	14.53 0.31 0.00	13.46 0.23 0.00	22.86 0.34 0.00	25.88 0.41 0.00	25.05 0.38 0.00	23.82 0.36 0.00	24.30 0.28 0.00	21.14 0.21 0.00	19.48 0.14 0.00
WATSON__69_KV_BK 1 55734	43.60 4.28 0.00	47.35 4.02 -7.11	39.72 3.62 -4.06	26.82 2.34 -1.85	24.23 2.22 0.00	24.26 2.14 0.00	24.72 2.13 0.00	25.73 2.40 0.00	26.44 2.64 0.00	28.17 2.82 -0.55	41.28 3.39 -11.24	42.17 4.10 -6.95	42.63 4.58 -0.06	46.33 2.97 -19.51	42.23 3.08 -15.44	37.93 1.97 -21.73	86.14 1.77 -71.14	94.47 3.03 -68.92	129.72 3.63 -100.62	118.96 3.36 -90.93	338.05 2.95 -311.64	199.35 3.04 -172.30	70.19 2.95 -46.31	51.66 2.56 -29.76
WDELAWARE__HYD 323627	41.52 2.20 0.00	38.01 1.79 0.00	33.58 1.53 0.00	23.35 1.03 0.31	23.01 0.99 0.00	23.09 0.97 0.00	23.57 0.98 0.00	24.56 1.22 0.00	25.15 1.35 0.00	26.34 1.53 0.00	28.38 1.73 0.00	32.98 1.87 0.00	39.53 1.49 -0.04	40.93 1.12 -15.96	34.59 1.23 -9.66	30.92 0.77 -15.93	40.50 0.80 -26.47	35.96 1.40 -12.04	35.20 1.59 -8.14	26.20 1.46 -0.08	26.10 1.92 -0.71	25.46 1.83 0.38	19.75 1.49 2.66	20.53 1.19 0.00
WEST BABYLON__IC 23714	43.36 4.04 0.00	47.13 3.81 -7.11	39.54 3.43 -4.06	26.71 2.23 -1.85	24.13 2.11 0.00	24.15 2.03 0.00	24.62 2.03 0.00	25.65 2.31 0.00	26.34 2.54 0.00	28.07 2.71 -0.55	41.07 3.18 -11.24	41.92 3.86 -6.95	42.35 4.30 -0.05	46.15 2.80 -19.51	42.08 2.93 -15.44	37.83 1.87 -21.73	66.25 1.68 -51.34	67.48 2.88 -42.08	82.58 3.46 -53.65	92.84 3.23 -64.94	338.01 2.91 -311.64	199.28 2.97 -172.30	62.31 2.83 -38.54	51.55 2.46 -29.76
WEST CANADA__HYD 24049	39.48 0.16 0.00	36.37 0.14 0.00	32.17 0.13 0.00	22.70 0.07 0.00	22.08 0.07 0.00	22.19 0.07 0.00	22.66 0.06 0.00	23.41 0.07 0.00	23.87 0.07 0.00	24.90 0.10 0.00	26.76 0.11 0.00	31.29 0.18 0.00	38.22 0.22 0.00	24.01 0.15 0.00	23.82 0.10 0.00	14.29 0.07 0.00	13.29 0.06 0.00	22.61 0.09 0.00	25.56 0.09 0.00	24.77 0.10 0.00	23.56 0.09 0.00	24.09 0.08 0.00	20.99 0.06 0.00	19.37 0.04 0.00

WESTERN_NY_WIND 24143	41.17 1.85 0.00	37.44 1.22 0.00	32.73 0.68 0.00	22.99 0.36 0.00	22.61 0.60 0.00	22.71 0.59 0.00	23.33 0.74 0.00	23.99 0.66 0.00	24.55 0.75 0.00	25.34 0.53 0.00	27.46 0.80 0.00	31.79 0.68 0.00	38.18 0.18 -0.01	26.55 0.31 -2.39	24.84 -0.22 -1.35	13.87 -0.13 0.23	16.33 -0.28 -3.37	23.41 -0.25 -1.14	26.14 -0.12 -0.79	24.67 -0.04 -0.04	23.17 -0.39 -0.09	23.73 -0.28 0.00	20.76 -0.17 0.00	19.11 -0.23 0.00
WESTOVER___LESR 323668	40.12 0.80 0.00	36.72 0.50 0.00	32.40 0.35 0.00	22.81 0.18 0.00	22.32 0.30 0.00	22.43 0.32 0.00	22.95 0.36 0.00	23.84 0.50 0.00	24.29 0.47 -0.02	25.51 0.48 -0.23	27.59 0.63 -0.30	32.78 0.79 -0.88	40.35 0.94 -1.41	30.16 0.62 -5.68	27.43 0.38 -3.34	20.03 0.28 -5.54	20.63 0.18 -7.22	23.57 0.34 -0.71	26.50 0.45 -0.57	24.97 0.44 0.14	23.95 0.29 -0.19	24.34 0.29 -0.03	21.18 0.23 -0.02	19.44 0.10 0.00
WETHRSFD_WT_PWR 323626	40.16 0.85 0.00	36.59 0.37 0.00	31.99 -0.06 0.00	22.45 -0.18 0.00	22.16 0.15 0.00	22.30 0.18 0.00	22.80 0.21 0.00	23.54 0.20 0.00	24.01 0.21 0.00	24.85 0.05 0.00	26.94 0.28 0.00	31.31 0.20 0.00	37.82 -0.19 -0.01	26.93 -0.03 -3.11	24.30 -0.68 -1.26	-0.29 -0.46 14.05	14.45 -0.63 -1.85	22.21 -0.71 -0.41	25.29 -0.52 -0.33	24.07 -0.47 0.13	22.79 -0.76 -0.09	23.37 -0.64 0.00	20.59 -0.34 0.00	18.97 -0.37 0.00
WHAVSTOR_138KV_BK127 55557	41.49 2.17 0.00	38.31 2.09 0.00	33.91 1.86 0.00	21.00 1.30 2.93	23.23 1.22 0.00	23.31 1.20 0.00	23.78 1.19 0.00	24.78 1.45 0.00	25.37 1.57 0.00	26.54 1.73 0.00	28.50 1.84 0.00	33.45 2.34 0.00	41.00 2.95 -0.05	44.70 2.03 -18.82	37.07 1.98 -11.39	34.70 1.25 -19.23	59.40 1.18 -44.99	62.68 2.02 -38.15	52.93 2.31 -25.15	25.51 2.17 1.33	27.01 2.00 -1.55	22.01 1.98 3.99	-5.18 1.67 27.78	20.73 1.39 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.49 2.17 0.00	38.31 2.09 0.00	33.91 1.86 0.00	21.00 1.30 2.93	23.23 1.22 0.00	23.31 1.20 0.00	23.78 1.19 0.00	24.78 1.45 0.00	25.37 1.57 0.00	26.54 1.73 0.00	28.50 1.84 0.00	33.45 2.34 0.00	41.00 2.95 -0.05	44.70 2.03 -18.82	37.07 1.98 -11.39	34.70 1.25 -19.23	59.40 1.18 -44.99	62.68 2.02 -38.15	52.93 2.31 -25.15	25.51 2.17 1.33	27.01 2.00 -1.55	22.01 1.98 3.99	-5.18 1.67 27.78	20.73 1.39 0.00
WHITEHAL_115KV_TB1 80871	42.92 3.61 0.00	39.59 3.37 0.00	35.21 3.16 0.00	25.36 2.36 -0.37	24.42 2.41 0.00	24.54 2.42 0.00	24.72 2.13 0.00	25.45 2.12 0.00	25.82 2.02 0.00	27.15 2.34 0.00	29.10 2.44 0.00	34.17 3.06 0.00	42.29 4.23 -0.07	51.64 2.90 -24.89	41.39 2.62 -15.06	41.25 1.54 -25.49	59.88 1.47 -45.18	49.28 2.39 -24.37	44.42 2.61 -16.34	31.08 2.49 -3.92	27.30 2.55 -1.29	27.07 2.55 -0.51	26.55 2.08 -3.53	21.29 1.96 0.00
WHITEPLN_13_KV_LOAD 356215	42.25 2.93 0.00	39.01 2.79 0.00	34.55 2.50 0.00	26.37 1.75 -1.99	23.68 1.67 0.00	23.75 1.63 0.00	24.21 1.62 0.00	25.24 1.90 0.00	25.85 2.06 0.00	27.05 2.25 0.00	29.07 2.41 0.00	34.14 3.03 0.00	41.89 3.84 -0.05	45.89 2.58 -19.46	38.01 2.53 -11.77	35.70 1.59 -19.89	59.13 1.48 -44.42	60.68 2.54 -35.62	51.91 2.92 -23.52	37.58 2.73 -10.18	27.46 2.51 -1.49	29.24 2.50 -2.72	42.00 2.12 -18.95	21.12 1.78 0.00
WM_FLOYD_69_KV_BK2 356380	43.13 3.81 0.00	47.01 3.69 -7.11	39.52 3.41 -4.07	26.62 2.14 -1.85	24.03 2.01 0.00	24.10 1.99 0.00	24.50 1.91 0.00	25.45 2.12 0.00	26.14 2.34 0.00	27.86 2.50 -0.55	40.91 3.02 -11.24	41.79 3.72 -6.95	42.27 4.21 -0.06	46.07 2.70 -19.51	41.97 2.82 -15.44	37.78 1.83 -21.73	112.85 1.64 -97.97	127.90 2.82 -102.56	192.91 3.38 -164.07	153.08 3.10 -125.31	337.67 2.57 -311.64	199.03 2.72 -172.30	80.71 2.79 -56.99	51.48 2.39 -29.76
WOODARD___115KV_TB2 355635	39.25 -0.06 0.00	36.10 -0.12 0.00	31.84 -0.21 0.00	22.40 -0.23 0.00	21.79 -0.22 0.00	21.88 -0.24 0.00	22.38 -0.21 0.00	23.18 -0.16 0.00	23.70 -0.13 -0.04	25.08 -0.13 -0.40	27.09 -0.10 -0.53	32.59 -0.10 -1.58	40.31 -0.18 -2.49	26.07 -0.09 -2.31	24.71 -0.23 -1.22	15.71 -0.11 -1.60	15.49 -0.13 -2.39	23.19 -0.26 -0.94	25.81 -0.30 -0.64	24.60 -0.28 -0.21	23.28 -0.33 -0.15	23.73 -0.35 -0.06	20.63 -0.34 -0.03	18.99 -0.35 0.00
YORK___WARBASSE 23770	41.99 2.67 0.00	38.84 2.62 0.00	34.47 2.42 0.00	26.22 1.73 -1.87	23.68 1.66 0.00	23.75 1.63 0.00	24.19 1.60 0.00	25.26 1.92 0.00	25.86 2.07 0.00	27.05 2.25 0.00	29.00 2.35 0.00	33.98 2.87 0.00	41.58 3.54 -0.05	45.72 2.37 -19.50	37.80 2.29 -11.80	35.62 1.47 -19.93	58.97 1.36 -44.38	60.25 2.28 -35.45	51.51 2.63 -23.41	37.20 2.51 -10.02	27.36 2.41 -1.49	28.99 2.42 -2.55	40.81 2.13 -17.75	29.70 1.84 -8.52