

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/10/2023

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	22.07	19.50	18.92	17.99	18.79	19.94	53.28	25.48	23.72	20.17	15.82	12.57	13.46	11.47	14.60	14.60	15.23	19.32	20.33	40.90	74.46	28.22	21.77	18.86
24138	1.08	1.05	1.03	0.99	1.11	1.15	1.02	1.67	1.63	1.40	1.23	1.04	1.17	0.99	1.33	1.35	1.30	1.38	0.82	0.79	0.01	0.65	1.39	1.49
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
74TH STREET_GT_1	22.08	19.52	18.93	18.00	18.80	19.94	53.29	25.47	23.70	20.14	15.79	12.54	13.43	11.44	14.58	14.58	15.21	19.29	20.33	40.88	74.47	28.22	21.76	18.85
24260	1.09	1.07	1.04	1.00	1.12	1.16	1.04	1.66	1.61	1.37	1.20	1.01	1.14	0.96	1.30	1.32	1.29	1.35	0.82	0.77	0.02	0.65	1.39	1.48
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
74TH STREET_GT_2	22.08	19.52	18.93	18.00	18.80	19.94	53.29	25.47	23.70	20.14	15.79	12.54	13.43	11.44	14.58	14.58	15.21	19.29	20.33	40.88	74.47	28.22	21.76	18.85
24261	1.09	1.07	1.04	1.00	1.12	1.16	1.04	1.66	1.61	1.37	1.20	1.01	1.14	0.96	1.30	1.32	1.29	1.35	0.82	0.77	0.02	0.65	1.39	1.48
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
ADK HUDSON__FALLS	22.68	19.55	19.14	18.21	18.52	20.07	63.93	24.93	22.86	19.32	15.02	11.86	12.68	10.81	13.73	13.79	14.61	19.82	23.39	50.62	97.65	35.14	22.48	18.17
24011	0.85	0.77	0.73	0.70	0.84	0.90	0.84	1.10	0.77	0.56	0.43	0.33	0.39	0.34	0.46	0.53	0.69	0.81	0.52	0.51	-0.02	0.39	0.84	0.80
	-3.57	-1.39	-2.23	-2.20	0.00	-1.60	-47.87	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.44	-13.93	-41.54	-97.58	-27.19	-4.81	0.00
ADK RESOURCE__RCVRY	22.81	19.63	19.22	18.29	18.64	20.18	64.08	24.99	22.92	19.40	15.07	11.89	12.72	10.85	13.79	13.85	14.72	19.95	23.46	50.73	97.75	35.21	22.55	18.23
23798	0.97	0.85	0.81	0.78	0.96	1.02	0.95	1.16	0.84	0.64	0.47	0.36	0.43	0.38	0.51	0.59	0.79	0.94	0.58	0.56	-0.04	0.44	0.91	0.86
	-3.57	-1.38	-2.23	-2.20	0.00	-1.59	-47.91	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.44	-13.95	-41.59	-97.69	-27.21	-4.82	0.00
ADK S GLENS__FALLS	22.68	19.55	19.14	18.21	18.52	20.07	63.93	24.93	22.86	19.32	15.02	11.86	12.68	10.81	13.73	13.79	14.61	19.82	23.39	50.62	97.65	35.14	22.48	18.17
24028	0.85	0.77	0.73	0.70	0.84	0.90	0.84	1.10	0.77	0.56	0.43	0.33	0.39	0.34	0.46	0.53	0.69	0.81	0.52	0.51	-0.02	0.39	0.84	0.80
	-3.57	-1.39	-2.23	-2.20	0.00	-1.60	-47.87	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.44	-13.93	-41.54	-97.58	-27.19	-4.81	0.00
ADK_NYS__DAM	22.59	19.61	19.17	18.26	18.53	19.94	61.79	24.87	22.82	19.18	14.93	11.79	12.58	10.69	13.63	13.69	14.53	19.40	22.49	48.10	92.31	33.96	22.17	18.10
23527	0.91	0.89	0.86	0.85	0.85	0.85	0.73	1.04	0.73	0.42	0.33	0.26	0.29	0.21	0.36	0.43	0.60	0.66	0.43	0.39	-0.03	0.32	0.73	0.73
	-3.41	-1.32	-2.14	-2.11	0.00	-1.52	-45.84	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.18	-13.12	-39.13	-92.25	-26.09	-4.62	0.00
AIR_PRODUCTS__DRP	21.80	18.85	18.47	17.58	17.81	19.22	61.13	24.01	22.12	18.71	14.64	11.59	12.38	10.53	13.41	13.44	14.14	19.01	22.37	48.30	93.17	33.77	21.58	17.53
24190	0.13	0.14	0.16	0.17	0.13	0.13	0.12	0.18	0.04	-0.06	0.05	0.06	0.08	0.06	0.13	0.18	0.21	0.21	0.16	0.15	-0.01	0.06	0.12	0.16
	-3.40	-1.31	-2.13	-2.10	0.00	-1.51	-45.79	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.22	-13.27	-39.57	-93.10	-26.16	-4.63	0.00
AKWESSNE_115KV_BK	17.92	17.06	15.80	14.98	17.30	17.08	15.05	23.29	21.72	18.57	14.37	11.32	12.05	10.27	13.00	12.98	13.65	14.26	8.70	8.35	0.08	-2.98	-2.71	-11.41
355683	-0.36	-0.35	-0.38	-0.34	-0.38	-0.49	-0.37	-0.43	-0.37	-0.20	-0.23	-0.21	-0.24	-0.20	-0.27	-0.28	-0.27	-0.31	-0.23	-0.22	-0.01	-0.21	-0.38	-0.49
	-0.02	0.00	-0.01	-0.01	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	19.16	28.29
ALBANY__1	21.80	18.85	18.47	17.58	17.81	19.22	61.13	24.01	22.12	18.71	14.64	11.59	12.38	10.53	13.41	13.44	14.14	19.01	22.37	48.30	93.17	33.77	21.58	17.53
23571	0.13	0.14	0.16	0.17	0.13	0.13	0.12	0.18	0.04	-0.06	0.05	0.06	0.08	0.06	0.13	0.18	0.21	0.21	0.16	0.15	-0.01	0.06	0.12	0.16
	-3.40	-1.31	-2.13	-2.10	0.00	-1.51	-45.79	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.22	-13.27	-39.57	-93.10	-26.16	-4.63	0.00
ALBANY__2	21.80	18.85	18.47	17.58	17.81	19.22	61.13	24.01	22.12	18.71	14.64	11.59	12.38	10.53	13.41	13.44	14.14	19.01	22.37	48.30	93.17	33.77	21.58	17.53
23572	0.13	0.14	0.16	0.17	0.13	0.13	0.12	0.18	0.04	-0.06	0.05	0.06	0.08	0.06	0.13	0.18	0.21	0.21	0.16	0.15	-0.01	0.06	0.12	0.16
	-3.40	-1.31	-2.13	-2.10	0.00	-1.51	-45.79	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.22	-13.27	-39.57	-93.10	-26.16	-4.63	0.00
ALBANY__3	21.80	18.85	18.47	17.58	17.81	19.22	61.13	24.01	22.12	18.71	14.64	11.59	12.38	10.53	13.41	13.44	14.14	19.01	22.37	48.30	93.17	33.77	21.58	17.53
23573	0.13	0.14	0.16	0.17	0.13	0.13	0.12	0.18	0.04	-0.06	0.05	0.06	0.08	0.06	0.13	0.18	0.21	0.21	0.16	0.15	-0.01	0.06	0.12	0.16
	-3.40	-1.31	-2.13	-2.10	0.00	-1.51	-45.79	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.22	-13.27	-39.57	-93.10	-26.16	-4.63	0.00

ALBANY___4 23574	21.80 0.13 -3.40	18.85 0.14 -1.31	18.47 0.16 -2.13	17.58 0.17 -2.10	17.81 0.13 0.00	19.22 0.13 -1.51	61.13 0.12 -45.79	24.01 0.18 -0.11	22.12 0.04 0.00	18.71 -0.06 0.00	14.64 0.05 0.00	11.59 0.06 0.00	12.38 0.08 0.00	10.53 0.06 0.00	13.41 0.13 0.00	13.44 0.18 0.00	14.14 0.21 0.00	19.01 0.21 -4.22	22.37 0.16 -13.27	48.30 0.15 -39.57	93.17 -0.01 -93.10	33.77 0.06 -26.16	21.58 0.12 -4.63	17.53 0.16 0.00
ALBANY___LFGE 323615	22.03 0.32 -3.44	19.05 0.32 -1.33	18.65 0.32 -2.15	17.76 0.32 -2.13	17.99 0.31 0.00	19.42 0.32 -1.53	61.76 0.29 -46.25	24.27 0.44 -0.11	22.36 0.28 0.00	18.91 0.14 0.00	14.78 0.19 0.00	11.70 0.16 0.00	12.49 0.20 0.00	10.63 0.15 0.00	13.53 0.26 0.00	13.57 0.31 0.00	14.29 0.36 0.00	19.21 0.38 -4.26	22.57 0.27 -13.37	48.70 0.24 -39.88	93.92 -0.02 -93.85	34.10 0.15 -26.39	21.81 0.31 -4.67	17.71 0.34 0.00
ALCOA_PA_115KV_PL-6C 55860	17.86 -0.43 -0.02	16.99 -0.42 -0.01	15.76 -0.43 -0.02	14.97 -0.35 -0.01	17.35 -0.33 0.00	17.01 -0.57 -0.01	15.18 -0.32 -0.28	23.38 -0.34 0.00	21.81 -0.28 0.00	18.65 -0.11 0.00	14.42 -0.17 0.00	11.36 -0.17 0.00	12.09 -0.20 0.00	10.30 -0.17 0.00	13.03 -0.24 0.00	13.00 -0.26 0.00	13.68 -0.24 0.00	14.30 -0.28 0.00	8.73 -0.20 0.00	8.38 -0.20 0.00	0.08 -0.01 0.00	-2.46 -0.18 9.83	-1.75 -0.33 18.25	-10.16 -0.43 27.10
ALCOA_RYNLDS___DRP 24188	17.86 -0.43 -0.02	16.99 -0.42 -0.01	15.76 -0.43 -0.02	14.97 -0.35 -0.01	17.35 -0.33 0.00	17.01 -0.57 -0.01	15.18 -0.32 -0.28	23.38 -0.34 0.00	21.81 -0.28 0.00	18.65 -0.11 0.00	14.42 -0.17 0.00	11.36 -0.17 0.00	12.09 -0.20 0.00	10.30 -0.17 0.00	13.03 -0.24 0.00	13.00 -0.26 0.00	13.68 -0.24 0.00	14.30 -0.28 0.00	8.73 -0.20 0.00	8.38 -0.20 0.00	0.08 -0.01 0.00	-2.46 -0.18 9.83	-1.75 -0.33 18.25	-10.16 -0.43 27.10
ALCOA___DSASP 323711	17.84 -0.43 0.00	16.98 -0.42 0.00	15.74 -0.43 0.00	14.96 -0.35 0.00	17.35 -0.33 0.00	17.00 -0.57 0.00	14.89 -0.32 0.00	23.38 -0.33 0.00	21.80 -0.29 0.00	18.66 -0.10 0.00	14.42 -0.17 0.00	11.36 -0.17 0.00	12.09 -0.20 0.00	10.30 -0.17 0.00	13.03 -0.24 0.00	13.00 -0.26 0.00	13.68 -0.24 0.00	14.29 -0.28 0.00	8.73 -0.20 0.00	8.38 -0.20 0.00	0.08 -0.01 0.00	-2.47 -0.19 9.83	-1.75 -0.33 18.25	-10.15 -0.43 27.10
ALLEGHENY___COGEN 23514	19.51 0.80 -0.44	18.24 0.67 -0.17	17.24 0.78 -0.28	16.29 0.71 -0.27	18.61 0.93 0.00	18.83 1.06 -0.20	22.03 0.87 -5.94	24.54 0.80 -0.01	22.49 0.41 0.00	19.12 0.35 0.00	14.86 0.26 0.00	11.73 0.20 0.00	12.46 0.16 0.00	10.67 0.20 0.00	13.46 0.18 0.00	13.43 0.17 0.00	14.04 0.11 0.00	15.26 0.13 -0.56	10.91 0.23 -1.74	13.98 0.20 -5.20	12.25 -0.03 -12.19	11.24 0.37 -3.32	18.03 0.61 -0.59	18.30 0.93 0.00
ALTAMONT_115KV_TB 2 55880	22.18 0.51 -3.40	19.20 0.49 -1.31	18.79 0.48 -2.14	17.86 0.45 -2.11	18.16 0.48 0.00	19.59 0.50 -1.51	61.45 0.44 -45.80	24.47 0.65 -0.11	22.59 0.51 0.00	19.11 0.35 0.00	14.91 0.31 0.00	11.79 0.26 0.00	12.59 0.30 0.00	10.72 0.24 0.00	13.59 0.31 0.00	13.60 0.34 0.00	14.29 0.36 0.00	19.28 0.40 -4.30	22.73 0.28 -13.52	49.17 0.26 -40.33	94.65 0.01 -94.55	33.94 0.22 -26.17	21.92 0.46 -4.63	17.87 0.50 0.00
ALTONA_WT_PWR 323606	18.91 0.64 0.00	17.91 0.51 0.00	16.46 0.28 0.00	15.55 0.24 0.00	17.82 0.14 0.00	17.62 0.05 0.00	15.34 0.12 0.00	24.19 0.47 0.00	22.64 0.56 0.00	19.25 0.48 0.00	14.60 0.00 0.00	11.34 -0.19 0.00	11.96 -0.34 0.00	10.21 -0.27 0.00	13.01 -0.26 0.00	12.98 -0.28 0.00	13.63 -0.30 0.00	14.28 -0.29 0.00	8.73 -0.20 0.00	8.40 -0.18 0.00	0.03 -0.06 0.00	-2.86 -0.28 10.14	-2.42 -0.43 18.82	-11.13 -0.66 27.84
AMERICAN_REF_FUEL 24010	18.20 -0.47 -0.40	17.08 -0.47 -0.16	16.19 -0.24 -0.25	15.30 -0.26 -0.25	17.43 -0.24 0.00	17.49 -0.26 -0.18	20.13 -0.47 -5.39	22.51 -1.23 -0.01	21.14 -0.94 0.00	18.17 -0.60 0.00	14.18 -0.41 0.00	11.18 -0.35 0.00	11.81 -0.48 0.00	10.23 -0.25 0.00	12.79 -0.48 0.00	12.72 -0.54 0.00	13.27 -0.66 0.00	14.29 -0.79 -0.50	10.06 -0.45 -1.58	12.78 -0.50 -4.71	11.09 -0.04 -11.04	10.23 -0.32 -3.01	16.52 -0.84 -0.53	17.18 -0.19 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.79 1.09 -0.44	18.56 0.99 -0.17	17.57 1.11 -0.27	16.58 1.00 -0.27	18.95 1.27 0.00	19.07 1.31 -0.20	22.08 0.99 -5.87	24.85 1.12 -0.01	23.38 1.29 0.00	20.02 1.25 0.00	15.56 0.97 0.00	12.27 0.74 0.00	12.97 0.67 0.00	11.16 0.69 0.00	13.88 0.61 0.00	13.82 0.56 0.00	14.49 0.56 0.00	15.63 0.51 -0.55	11.00 0.34 -1.72	14.01 0.29 -5.13	12.08 -0.05 -12.04	11.23 0.40 -3.28	18.10 0.69 -0.58	18.66 1.29 0.00
ARTHUR_KILL_GT_1 23520	22.00 1.01 -2.73	19.46 1.00 -1.06	18.89 1.00 -1.71	17.95 0.96 -1.69	18.74 1.06 0.00	19.86 1.08 -1.22	53.20 0.94 -37.04	25.30 1.49 -0.09	23.52 1.44 0.00	19.94 1.17 0.00	15.69 1.10 0.00	12.47 0.94 0.00	13.36 1.07 0.00	11.35 0.88 0.00	14.49 1.22 0.00	14.50 1.24 0.00	15.15 1.22 0.00	19.22 1.29 -3.37	20.30 0.79 -10.57	40.84 0.73 -31.53	74.49 0.04 -74.36	28.18 0.61 -20.02	21.70 1.33 -3.54	18.84 1.46 0.00
ARTHUR_KILL_2 23512	21.97 0.97 -2.73	19.43 0.98 -1.06	18.86 0.97 -1.71	17.92 0.93 -1.69	18.70 1.03 0.00	19.83 1.04 -1.22	53.16 0.90 -37.04	25.25 1.45 -0.09	23.47 1.39 0.00	19.90 1.14 0.00	15.66 1.07 0.00	12.45 0.92 0.00	13.34 1.05 0.00	11.34 0.86 0.00	14.47 1.19 0.00	14.48 1.22 0.00	15.12 1.19 0.00	19.19 1.25 -3.37	20.28 0.77 -10.57	40.82 0.71 -31.53	74.49 0.04 -74.36	28.16 0.59 -20.02	21.66 1.29 -3.54	18.80 1.43 0.00
ARTHUR_KILL_3 23513	21.87 0.87 -2.73	19.33 0.88 -1.06	18.76 0.87 -1.71	17.83 0.84 -1.69	18.60 0.93 0.00	19.73 0.94 -1.22	53.09 0.83 -37.04	25.16 1.35 -0.09	23.42 1.33 0.00	19.87 1.10 0.00	15.61 1.02 0.00	12.40 0.87 0.00	13.28 0.99 0.00	11.30 0.82 0.00	14.42 1.15 0.00	14.42 1.16 0.00	15.03 1.10 0.00	19.10 1.16 -3.37	20.21 0.70 -10.57	40.77 0.66 -31.53	74.46 0.01 -74.36	28.12 0.54 -20.02	21.55 1.17 -3.54	18.65 1.28 0.00
ARTHUR_KILL_COGEN 323718	22.00 1.01 -2.73	19.46 1.00 -1.06	18.89 1.00 -1.71	17.95 0.96 -1.69	18.74 1.06 0.00	19.86 1.08 -1.22	53.20 0.94 -37.04	25.30 1.49 -0.09	23.52 1.44 0.00	19.94 1.17 0.00	15.69 1.10 0.00	12.47 0.94 0.00	13.36 1.07 0.00	11.35 0.88 0.00	14.49 1.22 0.00	14.50 1.24 0.00	15.15 1.22 0.00	19.22 1.29 -3.37	20.30 0.79 -10.57	40.84 0.73 -31.53	74.49 0.04 -74.36	28.18 0.61 -20.02	21.70 1.33 -3.54	18.84 1.46 0.00
ASHOKAN____ 23654	21.94 0.68 -2.99	19.19 0.64 -1.16	18.63 0.58 -1.87	17.70 0.55 -1.85	18.42 0.74 0.00	19.67 0.76 -1.33	55.91 0.62 -40.07	24.96 1.15 -0.09	22.93 0.85 0.00	19.33 0.56 0.00	15.06 0.47 0.00	11.92 0.39 0.00	12.77 0.48 0.00	10.86 0.38 0.00	13.84 0.57 0.00	13.87 0.61 0.00	14.59 0.66 0.00	18.95 0.68 -3.70	20.96 0.42 -11.61	43.64 0.44 -34.62	81.56 0.02 -81.45	30.39 0.39 -22.45	21.67 0.87 -3.97	18.37 1.00 0.00

ASTORIA_EAST_ENERGY_CC1 323581	21.87 0.88 -2.73	19.38 0.92 -1.06	18.80 0.91 -1.71	17.88 0.88 -1.69	18.64 0.97 0.00	19.79 1.01 -1.21	53.17 0.91 -37.04	25.29 1.49 -0.09	23.51 1.43 0.00	19.98 1.22 0.00	15.67 1.07 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.37 0.90 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.08 1.16 0.00	19.11 1.17 -3.37	20.25 0.75 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.17 0.59 -20.02	21.65 1.28 -3.54	18.74 1.37 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.87 0.88 -2.73	19.38 0.92 -1.06	18.80 0.91 -1.71	17.88 0.88 -1.69	18.64 0.97 0.00	19.78 1.00 -1.21	53.17 0.91 -37.04	25.29 1.49 -0.09	23.51 1.43 0.00	19.98 1.22 0.00	15.67 1.07 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.37 0.90 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.08 1.16 0.00	19.11 1.17 -3.37	20.25 0.75 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.17 0.59 -20.02	21.65 1.28 -3.54	18.74 1.37 0.00
ASTORIA_GT2_1 24094	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT2_2 24095	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT2_3 24096	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT2_4 24097	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT3_1 24098	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT3_2 24099	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT3_3 24100	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT3_4 24101	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT4_1 24102	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT4_2 24103	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT4_3 24104	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT4_4 24105	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA_GT_1 23523	21.91 0.92 -2.73	19.41 0.96 -1.06	18.83 0.95 -1.71	17.91 0.91 -1.69	18.68 1.00 0.00	19.83 1.04 -1.21	53.21 0.95 -37.04	25.35 1.55 -0.09	23.58 1.49 0.00	20.03 1.27 0.00	15.70 1.11 0.00	12.47 0.94 0.00	13.36 1.07 0.00	11.40 0.92 0.00	14.50 1.23 0.00	14.50 1.24 0.00	15.11 1.19 0.00	19.15 1.21 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.01 -74.36	28.18 0.61 -20.02	21.69 1.32 -3.54	18.79 1.41 0.00

ASTORIA_GT_10 24110	21.96 0.97 -2.73	19.44 0.98 -1.06	18.86 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.85 1.06 -1.22	53.20 0.94 -37.04	25.33 1.53 -0.09	23.57 1.48 0.00	20.04 1.27 0.00	15.71 1.12 0.00	12.49 0.95 0.00	13.37 1.08 0.00	11.39 0.91 0.00	14.51 1.23 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.19 1.25 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
ASTORIA_GT_11 24225	21.96 0.97 -2.73	19.44 0.98 -1.06	18.86 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.85 1.06 -1.22	53.20 0.94 -37.04	25.33 1.53 -0.09	23.57 1.48 0.00	20.04 1.27 0.00	15.71 1.12 0.00	12.49 0.95 0.00	13.37 1.08 0.00	11.39 0.91 0.00	14.51 1.23 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.19 1.25 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
ASTORIA_GT_12 24226	21.96 0.97 -2.73	19.44 0.98 -1.06	18.86 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.85 1.06 -1.22	53.20 0.94 -37.04	25.33 1.53 -0.09	23.57 1.48 0.00	20.04 1.27 0.00	15.71 1.12 0.00	12.49 0.95 0.00	13.37 1.08 0.00	11.39 0.91 0.00	14.51 1.23 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.19 1.25 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
ASTORIA_GT_13 24227	21.96 0.97 -2.73	19.44 0.98 -1.06	18.86 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.85 1.06 -1.22	53.20 0.94 -37.04	25.33 1.53 -0.09	23.57 1.48 0.00	20.04 1.27 0.00	15.71 1.12 0.00	12.49 0.95 0.00	13.37 1.08 0.00	11.39 0.91 0.00	14.51 1.23 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.19 1.25 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
ASTORIA_GT_5 24106	21.91 0.92 -2.73	19.41 0.96 -1.06	18.83 0.95 -1.71	17.91 0.91 -1.69	18.68 1.00 0.00	19.83 1.04 -1.21	53.21 0.95 -37.04	25.35 1.55 -0.09	23.58 1.49 0.00	20.03 1.27 0.00	15.70 1.11 0.00	12.47 0.94 0.00	13.36 1.07 0.00	11.40 0.92 0.00	14.50 1.23 0.00	14.50 1.24 0.00	15.11 1.19 0.00	19.15 1.21 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.01 -74.36	28.18 0.61 -20.02	21.69 1.32 -3.54	18.79 1.41 0.00
ASTORIA_GT_7 24107	21.91 0.92 -2.73	19.41 0.96 -1.06	18.83 0.95 -1.71	17.91 0.91 -1.69	18.68 1.00 0.00	19.83 1.04 -1.21	53.21 0.95 -37.04	25.35 1.55 -0.09	23.58 1.49 0.00	20.03 1.27 0.00	15.70 1.11 0.00	12.47 0.94 0.00	13.36 1.07 0.00	11.40 0.92 0.00	14.50 1.23 0.00	14.50 1.24 0.00	15.11 1.19 0.00	19.15 1.21 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.01 -74.36	28.18 0.61 -20.02	21.69 1.32 -3.54	18.79 1.41 0.00
ASTORIA_GT_8 24108	21.91 0.92 -2.73	19.41 0.96 -1.06	18.83 0.95 -1.71	17.91 0.91 -1.69	18.68 1.00 0.00	19.83 1.04 -1.21	53.21 0.95 -37.04	25.35 1.55 -0.09	23.58 1.49 0.00	20.03 1.27 0.00	15.70 1.11 0.00	12.47 0.94 0.00	13.36 1.07 0.00	11.40 0.92 0.00	14.50 1.23 0.00	14.50 1.24 0.00	15.11 1.19 0.00	19.15 1.21 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.01 -74.36	28.18 0.61 -20.02	21.69 1.32 -3.54	18.79 1.41 0.00
ASTORIA___2 24149	21.88 0.89 -2.73	19.39 0.93 -1.06	18.81 0.92 -1.71	17.88 0.89 -1.69	18.65 0.97 0.00	19.79 1.01 -1.21	53.18 0.92 -37.04	25.31 1.50 -0.09	23.53 1.45 0.00	19.99 1.23 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.04 0.00	11.38 0.90 0.00	14.47 1.20 0.00	14.47 1.22 0.00	15.09 1.16 0.00	19.12 1.18 -3.37	20.26 0.75 -10.57	40.81 0.70 -31.53	74.47 0.01 -74.36	28.17 0.60 -20.02	21.66 1.29 -3.54	18.76 1.38 0.00
ASTORIA___3 23516	21.96 0.97 -2.73	19.44 0.98 -1.06	18.86 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.85 1.06 -1.22	53.20 0.94 -37.04	25.33 1.53 -0.09	23.57 1.48 0.00	20.04 1.27 0.00	15.71 1.12 0.00	12.49 0.95 0.00	13.37 1.08 0.00	11.39 0.91 0.00	14.51 1.23 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.19 1.25 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
ASTORIA___4 23517	21.95 0.97 -2.72	19.43 0.99 -1.04	18.86 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.84 1.06 -1.21	53.19 0.94 -37.03	25.33 1.53 -0.09	23.57 1.48 0.00	20.03 1.27 0.00	15.72 1.12 0.00	12.49 0.95 0.00	13.37 1.08 0.00	11.39 0.91 0.00	14.51 1.24 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.20 1.26 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.17 0.59 -20.02	21.67 1.29 -3.54	18.76 1.39 0.00
ASTORIA___5 23518	21.96 0.97 -2.73	19.44 0.98 -1.06	18.86 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.85 1.06 -1.22	53.20 0.94 -37.04	25.33 1.53 -0.09	23.57 1.48 0.00	20.04 1.27 0.00	15.71 1.12 0.00	12.49 0.95 0.00	13.37 1.08 0.00	11.39 0.91 0.00	14.51 1.23 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.19 1.25 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
AST_ENERGY_2_CC3 323677	21.95 0.95 -2.73	19.41 0.96 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.80 1.02 -1.22	53.15 0.90 -37.04	25.25 1.45 -0.09	23.50 1.41 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.03 0.00	11.35 0.87 0.00	14.47 1.19 0.00	14.47 1.21 0.00	15.07 1.14 0.00	19.14 1.20 -3.37	20.23 0.73 -10.57	40.80 0.69 -31.53	74.47 0.01 -74.36	28.15 0.58 -20.02	21.62 1.25 -3.54	18.72 1.35 0.00
AST_ENERGY_2_CC4 323678	21.95 0.95 -2.73	19.41 0.96 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.80 1.02 -1.22	53.15 0.90 -37.04	25.25 1.45 -0.09	23.50 1.41 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.03 0.00	11.35 0.87 0.00	14.47 1.19 0.00	14.47 1.21 0.00	15.07 1.14 0.00	19.14 1.20 -3.37	20.23 0.73 -10.57	40.80 0.69 -31.53	74.47 0.01 -74.36	28.15 0.58 -20.02	21.62 1.25 -3.54	18.72 1.35 0.00
ATHENS_STG_1 23668	21.91 0.58 -3.07	19.15 0.57 -1.19	18.65 0.55 -1.92	17.71 0.51 -1.89	18.24 0.56 0.00	19.53 0.59 -1.37	56.99 0.51 -41.27	24.60 0.78 -0.10	22.76 0.67 0.00	19.27 0.51 0.00	15.05 0.46 0.00	11.92 0.39 0.00	12.74 0.44 0.00	10.84 0.36 0.00	13.74 0.47 0.00	13.74 0.48 0.00	14.41 0.49 0.00	18.97 0.53 -3.87	21.43 0.34 -12.15	45.15 0.34 -36.24	85.06 0.01 -84.96	30.95 0.29 -23.10	21.54 0.62 -4.09	18.05 0.67 0.00
ATHENS_STG_2 23670	21.91 0.58 -3.07	19.15 0.57 -1.19	18.65 0.55 -1.92	17.71 0.51 -1.89	18.24 0.56 0.00	19.53 0.59 -1.37	56.99 0.51 -41.27	24.60 0.78 -0.10	22.76 0.67 0.00	19.27 0.51 0.00	15.05 0.46 0.00	11.92 0.39 0.00	12.74 0.44 0.00	10.84 0.36 0.00	13.74 0.47 0.00	13.74 0.48 0.00	14.41 0.49 0.00	18.97 0.53 -3.87	21.43 0.34 -12.15	45.15 0.34 -36.24	85.06 0.01 -84.96	30.95 0.29 -23.10	21.54 0.62 -4.09	18.05 0.67 0.00

ATHENS_STG_3 23677	21.91 0.58 -3.07	19.15 0.57 -1.19	18.65 0.55 -1.92	17.71 0.51 -1.89	18.24 0.56 0.00	19.53 0.59 -1.37	56.99 0.51 -41.27	24.60 0.78 -0.10	22.76 0.67 0.00	19.27 0.51 0.00	15.05 0.46 0.00	11.92 0.39 0.00	12.74 0.44 0.00	10.84 0.36 0.00	13.74 0.47 0.00	13.74 0.48 0.00	14.41 0.49 0.00	18.97 0.53 -3.87	21.43 0.34 -12.15	45.15 0.34 -36.24	85.06 0.01 -84.96	30.95 0.29 -23.10	21.54 0.62 -4.09	18.05 0.67 0.00
AUBURN____LFGE 323710	18.81 0.20 -0.34	17.71 0.19 -0.13	16.56 0.16 -0.22	15.71 0.19 -0.21	17.89 0.21 0.00	18.11 0.40 -0.15	20.23 0.35 -4.67	24.12 0.39 -0.01	22.36 0.27 0.00	18.94 0.18 0.00	14.80 0.21 0.00	11.63 0.10 0.00	12.37 0.08 0.00	10.56 0.08 0.00	13.43 0.16 0.00	13.37 0.11 0.00	14.09 0.16 0.00	15.24 0.23 -0.43	10.44 0.14 -1.36	12.80 0.16 -4.06	9.60 -0.01 -9.52	10.31 0.16 -2.59	17.49 0.20 -0.46	17.66 0.28 0.00
BABYLON_RES_REC 323704	41.49 1.49 -21.74	19.87 1.42 -1.06	20.39 1.38 -2.83	18.25 1.25 -1.69	19.12 1.44 0.00	20.15 1.36 -1.22	53.59 1.33 -37.04	25.69 1.88 -0.09	23.87 1.78 0.00	21.37 1.49 -1.12	28.48 1.33 -12.55	14.68 1.09 -2.06	23.61 1.22 -10.10	37.81 1.00 -26.34	26.09 1.30 -11.52	27.12 1.33 -12.53	38.40 1.34 -23.14	19.64 1.40 -3.67	23.56 0.90 -13.72	56.69 0.86 -47.25	77.22 0.03 -77.11	33.16 0.80 -24.80	22.72 1.73 -4.16	19.07 1.69 0.00
BABYLON__69_KV_BK2 356345	41.68 1.68 -21.73	20.05 1.61 -1.04	20.58 1.57 -2.84	18.42 1.43 -1.69	19.32 1.64 0.00	20.31 1.54 -1.21	53.76 1.50 -37.03	25.97 2.17 -0.09	24.07 1.99 0.00	21.59 1.70 -1.12	28.63 1.48 -12.55	14.80 1.21 -2.06	23.73 1.34 -10.10	37.91 1.10 -26.34	26.22 1.42 -11.52	27.26 1.46 -12.53	38.55 1.49 -23.14	19.79 1.55 -3.67	23.65 0.99 -13.72	56.77 0.94 -47.25	77.23 0.03 -77.11	33.23 0.88 -24.80	22.94 1.95 -4.16	19.29 1.92 0.00
BARON_WINDS____WT_PWR 323822	19.28 0.47 -0.55	18.01 0.40 -0.21	17.02 0.49 -0.35	16.08 0.43 -0.34	18.23 0.55 0.00	18.39 0.58 -0.25	23.05 0.42 -7.41	24.11 0.37 -0.02	22.47 0.39 0.00	19.07 0.30 0.00	14.85 0.26 0.00	11.78 0.25 0.00	12.54 0.24 0.00	10.76 0.29 0.00	13.56 0.28 0.00	13.53 0.27 0.00	14.14 0.21 0.00	15.45 0.18 -0.69	11.26 0.15 -2.17	15.17 0.12 -6.48	15.27 -0.02 -15.19	11.83 0.14 -4.13	17.74 0.18 -0.73	17.91 0.54 0.00
BARRETT_IC_1 23704	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT_IC_10 23701	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT_IC_11 23702	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT_IC_12 23703	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT_IC_2 23705	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT_IC_3 23706	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT_IC_4 23707	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT_IC_5 23708	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT_IC_6 23709	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT_IC_7 23710	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00

BARRETT_IC_8 23711	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT_IC_9 23700	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT___1 23545	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BARRETT___2 23546	41.28 1.28 -21.74	19.67 1.22 -1.06	20.22 1.19 -2.85	18.09 1.09 -1.69	18.92 1.24 0.00	19.91 1.12 -1.22	53.32 1.06 -37.04	25.25 1.44 -0.09	23.53 1.44 0.00	21.11 1.23 -1.12	28.26 1.11 -12.55	14.53 0.94 -2.06	23.45 1.06 -10.10	37.69 0.88 -26.34	25.95 1.16 -11.52	26.96 1.17 -12.53	38.22 1.16 -23.14	19.44 1.20 -3.67	23.43 0.77 -13.72	56.56 0.73 -47.25	77.21 0.02 -77.11	33.01 0.66 -24.80	22.42 1.43 -4.16	18.83 1.46 0.00
BATAVIA___115KV_TB1 55881	18.62 0.00 -0.36	17.49 -0.05 -0.14	16.53 0.13 -0.22	15.61 0.09 -0.22	17.87 0.19 0.00	17.97 0.25 -0.15	20.12 0.07 -4.83	23.39 -0.34 -0.01	21.31 -0.77 0.00	18.18 -0.58 0.00	14.12 -0.48 0.00	11.11 -0.42 0.00	11.79 -0.51 0.00	10.78 0.30 0.00	13.03 -0.24 0.00	12.92 -0.34 0.00	13.50 -0.42 0.00	14.61 -0.42 -0.46	10.22 -0.15 -1.44	12.69 -0.19 -4.30	10.15 -0.04 -10.10	10.26 -0.03 -2.75	17.06 -0.26 -0.49	17.62 0.25 0.00
BAYONEEC___CTG1 323682	21.95 0.96 -2.73	19.41 0.96 -1.06	18.82 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.81 1.03 -1.22	53.17 0.91 -37.04	25.28 1.47 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.45 0.92 0.00	13.33 1.04 0.00	11.35 0.88 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.74 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.16 0.58 -20.02	21.63 1.26 -3.54	18.73 1.36 0.00
BAYONEEC___CTG10 323750	21.95 0.96 -2.73	19.41 0.96 -1.06	18.82 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.81 1.03 -1.22	53.17 0.91 -37.04	25.28 1.47 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.45 0.92 0.00	13.33 1.04 0.00	11.35 0.88 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.74 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.16 0.58 -20.02	21.63 1.26 -3.54	18.73 1.36 0.00
BAYONEEC___CTG2 323683	21.95 0.96 -2.73	19.41 0.96 -1.06	18.82 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.81 1.03 -1.22	53.17 0.91 -37.04	25.28 1.47 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.45 0.92 0.00	13.33 1.04 0.00	11.35 0.88 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.74 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.16 0.58 -20.02	21.63 1.26 -3.54	18.73 1.36 0.00
BAYONEEC___CTG3 323684	21.95 0.96 -2.73	19.41 0.96 -1.06	18.82 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.81 1.03 -1.22	53.17 0.91 -37.04	25.28 1.47 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.45 0.92 0.00	13.33 1.04 0.00	11.35 0.88 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.74 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.16 0.58 -20.02	21.63 1.26 -3.54	18.73 1.36 0.00
BAYONEEC___CTG4 323685	21.95 0.96 -2.73	19.41 0.96 -1.06	18.82 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.81 1.03 -1.22	53.17 0.91 -37.04	25.28 1.47 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.45 0.92 0.00	13.33 1.04 0.00	11.35 0.88 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.74 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.16 0.58 -20.02	21.63 1.26 -3.54	18.73 1.36 0.00
BAYONEEC___CTG5 323686	21.95 0.96 -2.73	19.41 0.96 -1.06	18.82 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.81 1.03 -1.22	53.17 0.91 -37.04	25.28 1.47 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.45 0.92 0.00	13.33 1.04 0.00	11.35 0.88 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.74 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.16 0.58 -20.02	21.63 1.26 -3.54	18.73 1.36 0.00
BAYONEEC___CTG6 323687	21.95 0.96 -2.73	19.41 0.96 -1.06	18.82 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.81 1.03 -1.22	53.17 0.91 -37.04	25.28 1.47 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.45 0.92 0.00	13.33 1.04 0.00	11.35 0.88 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.74 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.16 0.58 -20.02	21.63 1.26 -3.54	18.73 1.36 0.00
BAYONEEC___CTG7 323688	21.95 0.96 -2.73	19.41 0.96 -1.06	18.82 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.81 1.03 -1.22	53.17 0.91 -37.04	25.28 1.47 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.45 0.92 0.00	13.33 1.04 0.00	11.35 0.88 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.74 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.16 0.58 -20.02	21.63 1.26 -3.54	18.73 1.36 0.00
BAYONEEC___CTG8 323689	21.95 0.96 -2.73	19.41 0.96 -1.06	18.82 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.81 1.03 -1.22	53.17 0.91 -37.04	25.28 1.47 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.45 0.92 0.00	13.33 1.04 0.00	11.35 0.88 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.74 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.16 0.58 -20.02	21.63 1.26 -3.54	18.73 1.36 0.00
BAYONEEC___CTG9 323749	21.95 0.96 -2.73	19.41 0.96 -1.06	18.82 0.94 -1.71	17.90 0.91 -1.69	18.68 1.00 0.00	19.81 1.03 -1.22	53.17 0.91 -37.04	25.28 1.47 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.08 0.00	12.45 0.92 0.00	13.33 1.04 0.00	11.35 0.88 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.74 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.16 0.58 -20.02	21.63 1.26 -3.54	18.73 1.36 0.00

BEACON___LESR 323632	22.13 0.46 -3.40	19.14 0.42 -1.32	18.71 0.41 -2.13	17.77 0.36 -2.10	18.08 0.41 0.00	19.51 0.42 -1.52	61.33 0.38 -45.73	24.40 0.57 -0.11	22.47 0.39 0.00	18.98 0.21 0.00	14.81 0.22 0.00	11.74 0.20 0.00	12.55 0.25 0.00	10.67 0.20 0.00	13.60 0.32 0.00	13.63 0.37 0.00	14.36 0.44 0.00	19.27 0.48 -4.21	22.48 0.31 -13.23	48.34 0.31 -39.45	92.92 -0.02 -92.85	33.88 0.20 -26.13	21.86 0.41 -4.62	17.80 0.43 0.00
BEAVER RIVER___HYD 24048	17.64 -0.73 -0.11	16.79 -0.66 -0.04	15.80 -0.45 -0.07	14.78 -0.59 -0.06	17.13 -0.54 0.00	17.05 -0.57 -0.05	16.31 -0.35 -1.44	22.97 -0.76 0.00	21.48 -0.61 0.00	18.20 -0.56 0.00	14.03 -0.57 0.00	11.00 -0.54 0.00	11.73 -0.57 0.00	9.94 -0.53 0.00	12.56 -0.71 0.00	12.47 -0.79 0.00	12.98 -0.94 0.00	13.82 -0.88 -0.14	8.97 -0.39 -0.43	9.50 -0.35 -1.27	3.04 -0.02 -2.97	5.15 -0.36 2.05	10.80 -0.87 5.16	6.30 -1.02 10.05
BEEBEE_GT_13 23619	18.56 -0.04 -0.33	17.45 -0.08 -0.13	16.45 0.06 -0.21	15.53 0.02 -0.20	17.76 0.08 0.00	17.83 0.12 -0.14	19.65 0.00 -4.43	23.43 -0.30 -0.01	21.90 -0.19 0.00	18.68 -0.09 0.00	14.55 -0.04 0.00	11.49 -0.05 0.00	12.18 -0.12 0.00	10.36 -0.11 0.00	13.15 -0.12 0.00	13.12 -0.14 0.00	13.73 -0.20 0.00	14.76 -0.23 -0.41	10.14 -0.09 -1.30	12.33 -0.12 -3.88	9.14 -0.04 -9.09	10.00 -0.03 -2.48	17.06 -0.21 -0.44	17.49 0.12 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.10 1.11 -2.72	19.53 1.09 -1.04	18.95 1.06 -1.71	18.01 1.01 -1.69	18.81 1.13 0.00	19.94 1.16 -1.21	53.28 1.04 -37.03	25.48 1.67 -0.09	23.72 1.64 0.00	20.14 1.37 0.00	15.82 1.23 0.00	12.58 1.04 0.00	13.47 1.18 0.00	11.46 0.99 0.00	14.61 1.34 0.00	14.62 1.36 0.00	15.25 1.33 0.00	19.34 1.40 -3.37	20.36 0.85 -10.57	40.91 0.80 -31.53	74.48 0.02 -74.36	28.25 0.67 -20.02	21.82 1.45 -3.54	18.93 1.55 0.00
BETHLEHEM___GRP 23843	21.80 0.13 -3.40	18.85 0.14 -1.31	18.47 0.16 -2.13	17.58 0.17 -2.10	17.81 0.13 0.00	19.22 0.13 -1.51	61.13 0.12 -45.79	24.01 0.18 -0.11	22.12 0.04 0.00	18.71 -0.06 0.00	14.64 0.05 0.00	11.59 0.06 0.00	12.38 0.08 0.00	10.53 0.06 0.00	13.41 0.13 0.00	13.44 0.18 0.00	14.14 0.21 0.00	19.01 0.21 -4.22	22.37 0.16 -13.27	48.30 0.15 -39.57	93.17 -0.01 -93.10	33.77 0.06 -26.16	21.58 0.12 -4.63	17.53 0.16 0.00
BETHLEHEM___GS1 323560	21.80 0.13 -3.41	18.86 0.14 -1.32	18.47 0.16 -2.13	17.58 0.17 -2.10	17.81 0.13 0.00	19.22 0.13 -1.52	61.13 0.12 -45.79	24.02 0.19 -0.11	22.12 0.04 0.00	18.71 -0.06 0.00	14.64 0.05 0.00	11.59 0.06 0.00	12.38 0.09 0.00	10.53 0.06 0.00	13.41 0.13 0.00	13.44 0.18 0.00	14.14 0.21 0.00	19.01 0.21 -4.22	22.37 0.16 -13.27	48.30 0.15 -39.57	93.18 -0.01 -93.10	33.78 0.06 -26.16	21.59 0.13 -4.63	17.52 0.15 0.00
BETHLEHEM___GS2 323561	21.80 0.13 -3.41	18.86 0.14 -1.32	18.47 0.16 -2.13	17.58 0.17 -2.10	17.81 0.13 0.00	19.22 0.13 -1.52	61.13 0.12 -45.79	24.02 0.19 -0.11	22.12 0.04 0.00	18.71 -0.06 0.00	14.64 0.05 0.00	11.59 0.06 0.00	12.38 0.09 0.00	10.53 0.06 0.00	13.41 0.13 0.00	13.44 0.18 0.00	14.14 0.21 0.00	19.01 0.21 -4.22	22.37 0.16 -13.27	48.30 0.15 -39.57	93.18 -0.01 -93.10	33.78 0.06 -26.16	21.59 0.13 -4.63	17.52 0.15 0.00
BETHLEHEM___GS3 323562	21.80 0.13 -3.41	18.86 0.14 -1.32	18.47 0.16 -2.13	17.58 0.17 -2.10	17.81 0.13 0.00	19.22 0.13 -1.52	61.13 0.12 -45.79	24.02 0.19 -0.11	22.12 0.04 0.00	18.71 -0.06 0.00	14.64 0.05 0.00	11.59 0.06 0.00	12.38 0.09 0.00	10.53 0.06 0.00	13.41 0.13 0.00	13.44 0.18 0.00	14.14 0.21 0.00	19.01 0.21 -4.22	22.37 0.16 -13.27	48.30 0.15 -39.57	93.18 -0.01 -93.10	33.78 0.06 -26.16	21.59 0.13 -4.63	17.52 0.15 0.00
BETHLEHEM___STEEL 23779	18.94 0.25 -0.43	17.75 0.18 -0.17	16.81 0.36 -0.27	15.86 0.28 -0.26	18.11 0.43 0.00	18.16 0.41 -0.18	21.12 0.15 -5.74	23.54 -0.19 -0.01	22.10 0.02 0.00	18.94 0.17 0.00	14.77 0.17 0.00	11.65 0.12 0.00	12.33 0.04 0.00	10.64 0.16 0.00	13.34 0.07 0.00	13.28 0.02 0.00	13.86 -0.07 0.00	14.94 -0.17 -0.54	10.53 -0.09 -1.68	13.46 -0.14 -5.02	11.82 -0.05 -11.78	10.77 0.01 -3.21	17.26 -0.14 -0.57	17.81 0.43 0.00
BETHLHEM_115KV_TB1 79974	22.12 0.47 -3.38	19.16 0.46 -1.31	18.75 0.45 -2.12	17.82 0.42 -2.09	18.14 0.46 0.00	19.54 0.47 -1.50	61.16 0.40 -45.54	24.42 0.60 -0.11	22.56 0.47 0.00	19.08 0.32 0.00	14.89 0.29 0.00	11.78 0.25 0.00	12.58 0.28 0.00	10.71 0.23 0.00	13.58 0.30 0.00	13.58 0.32 0.00	14.27 0.35 0.00	19.24 0.38 -4.29	22.66 0.27 -13.46	48.97 0.26 -40.14	94.21 0.01 -94.10	33.80 0.20 -26.04	21.87 0.43 -4.61	17.84 0.47 0.00
BETHPAGE_CC_5 323564	41.42 1.42 -21.74	19.81 1.35 -1.06	20.32 1.32 -2.82	18.20 1.20 -1.69	19.06 1.38 0.00	20.09 1.30 -1.22	53.52 1.25 -37.04	25.59 1.78 -0.09	23.80 1.72 0.00	21.33 1.45 -1.12	28.44 1.30 -12.55	14.64 1.05 -2.06	23.57 1.17 -10.10	37.77 0.97 -26.34	26.06 1.26 -11.52	27.08 1.29 -12.53	38.32 1.25 -23.14	19.54 1.30 -3.67	23.49 0.83 -13.72	56.62 0.79 -47.25	77.22 0.03 -77.11	33.08 0.73 -24.80	22.58 1.59 -4.16	18.97 1.59 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.15 0.45 -0.44	17.94 0.37 -0.17	16.97 0.53 -0.27	16.02 0.44 -0.27	18.30 0.62 0.00	18.36 0.61 -0.18	21.40 0.33 -5.85	23.85 0.11 -0.01	22.40 0.31 0.00	19.17 0.41 0.00	14.95 0.35 0.00	11.80 0.27 0.00	12.49 0.19 0.00	10.77 0.30 0.00	13.51 0.23 0.00	13.44 0.18 0.00	14.03 0.10 0.00	15.12 0.00 -0.55	10.66 0.01 -1.72	13.66 -0.04 -5.11	12.04 -0.05 -12.00	10.91 0.10 -3.27	17.46 0.05 -0.58	18.00 0.63 0.00
BINGHAMTON___COGEN 23790	19.41 0.37 -0.78	18.03 0.32 -0.31	17.01 0.35 -0.49	16.10 0.31 -0.48	18.06 0.38 0.00	18.33 0.42 -0.34	25.99 0.34 -10.43	24.17 0.42 -0.03	22.49 0.40 0.00	19.05 0.29 0.00	14.83 0.24 0.00	11.73 0.20 0.00	12.49 0.20 0.00	10.68 0.20 0.00	13.51 0.23 0.00	13.49 0.24 0.00	14.15 0.23 0.00	15.82 0.27 -0.98	12.19 0.20 -3.06	17.88 0.18 -9.12	21.47 -0.01 -21.38	13.54 0.17 -5.82	18.16 0.30 -1.03	17.80 0.43 0.00
BIXINCNT_115KV_LOAD 355685	19.97 1.26 -0.45	18.70 1.13 -0.17	17.71 1.25 -0.28	16.72 1.13 -0.28	19.12 1.45 0.00	19.25 1.50 -0.19	22.39 1.18 -6.00	25.15 1.42 -0.01	23.56 1.48 0.00	20.09 1.32 0.00	15.64 1.04 0.00	12.35 0.82 0.00	13.07 0.78 0.00	11.27 0.79 0.00	14.10 0.83 0.00	14.02 0.76 0.00	14.60 0.68 0.00	15.72 0.59 -0.56	11.05 0.36 -1.76	14.17 0.35 -5.25	12.33 -0.06 -12.31	11.35 0.45 -3.35	18.23 0.80 -0.59	18.73 1.36 0.00
BLACK RIVER___HYD 24047	17.69 -0.73 -0.15	16.81 -0.65 -0.06	15.85 -0.42 -0.09	14.82 -0.58 -0.09	17.15 -0.52 0.00	17.14 -0.50 -0.07	16.94 -0.30 -2.03	22.91 -0.81 0.00	21.37 -0.72 0.00	18.04 -0.73 0.00	13.92 -0.67 0.00	10.91 -0.63 0.00	11.63 -0.66 0.00	9.86 -0.61 0.00	12.46 -0.81 0.00	12.32 -0.94 0.00	12.81 -1.12 0.00	13.71 -1.05 -0.19	9.11 -0.42 -0.60	9.98 -0.38 -1.79	4.26 -0.02 -4.19	6.37 -0.35 0.84	12.47 -0.89 3.47	9.38 -1.05 6.95

BLACKRVR_115KV_TB2 79977	17.68 -0.73 -0.15	16.81 -0.65 -0.06	15.85 -0.42 -0.09	14.82 -0.58 -0.09	17.15 -0.53 0.00	17.13 -0.50 -0.07	16.94 -0.30 -2.03	22.93 -0.79 0.00	21.36 -0.73 0.00	18.04 -0.72 0.00	13.92 -0.67 0.00	10.91 -0.63 0.00	11.63 -0.66 0.00	9.86 -0.61 0.00	12.46 -0.81 0.00	12.32 -0.94 0.00	12.81 -1.12 0.00	13.71 -1.05 -0.19	9.11 -0.42 -0.60	9.98 -0.38 -1.79	4.26 -0.02 -4.19	6.36 -0.36 0.84	12.48 -0.88 3.47	9.39 -1.03 6.95
BLISS_WT_PWR 323608	19.98 1.27 -0.45	18.71 1.14 -0.17	17.72 1.26 -0.28	16.73 1.14 -0.28	19.14 1.46 0.00	19.28 1.51 -0.20	22.42 1.20 -6.00	25.19 1.46 -0.01	23.55 1.46 0.00	20.11 1.34 0.00	15.66 1.07 0.00	12.38 0.85 0.00	13.10 0.81 0.00	11.29 0.82 0.00	14.13 0.85 0.00	14.05 0.79 0.00	14.62 0.69 0.00	15.73 0.60 -0.56	11.06 0.36 -1.76	14.18 0.35 -5.25	12.33 -0.06 -12.31	11.34 0.44 -3.35	18.23 0.80 -0.59	18.76 1.39 0.00
BLUE_CIRC_CHEM_DRP 24182	22.09 0.50 -3.33	19.17 0.49 -1.28	18.75 0.48 -2.09	17.81 0.45 -2.06	18.16 0.48 0.00	19.54 0.49 -1.48	60.46 0.42 -44.83	24.43 0.60 -0.10	22.52 0.44 0.00	19.03 0.27 0.00	14.85 0.25 0.00	11.74 0.21 0.00	12.54 0.24 0.00	10.67 0.20 0.00	13.54 0.27 0.00	13.54 0.28 0.00	14.26 0.33 0.00	19.12 0.37 -4.19	22.34 0.26 -13.15	48.03 0.25 -39.21	92.15 0.01 -92.05	33.30 0.19 -25.56	21.76 0.40 -4.52	17.82 0.45 0.00
BOC_GAS_DRP 24189	22.08 0.43 -3.38	19.12 0.42 -1.31	18.71 0.42 -2.12	17.79 0.39 -2.09	18.09 0.41 0.00	19.50 0.43 -1.50	61.13 0.37 -45.54	24.37 0.55 -0.11	22.52 0.43 0.00	19.06 0.29 0.00	14.88 0.28 0.00	11.77 0.24 0.00	12.57 0.28 0.00	10.70 0.22 0.00	13.57 0.30 0.00	13.57 0.31 0.00	14.26 0.33 0.00	19.21 0.36 -4.29	22.63 0.24 -13.46	48.95 0.23 -40.14	94.21 0.01 -94.10	33.78 0.19 -26.04	21.84 0.39 -4.61	17.81 0.44 0.00
BOONVILLE_115KV_TB1 79983	18.34 0.00 -0.09	17.44 0.01 -0.03	16.34 0.10 -0.06	15.37 0.01 -0.05	17.75 0.07 0.00	17.68 0.07 -0.04	16.52 0.12 -1.18	23.77 0.04 0.00	22.18 0.09 0.00	18.79 0.03 0.00	14.53 -0.07 0.00	11.43 -0.10 0.00	12.19 -0.10 0.00	10.36 -0.11 0.00	13.12 -0.16 0.00	13.07 -0.19 0.00	13.69 -0.24 0.00	14.51 -0.18 -0.11	9.27 -0.02 -0.35	9.62 0.00 -1.04	2.53 -0.01 -2.45	7.43 -0.03 0.09	15.40 -0.13 1.29	16.29 -0.16 0.93
BORALEX_4TH_BRANCH 23824	22.59 0.91 -3.41	19.61 0.89 -1.32	19.17 0.86 -2.14	18.26 0.85 -2.11	18.53 0.85 0.00	19.94 0.85 -1.52	61.79 0.73 -45.84	24.87 1.04 -0.11	22.82 0.73 0.00	19.18 0.42 0.00	14.93 0.33 0.00	11.79 0.26 0.00	12.58 0.29 0.00	10.69 0.21 0.00	13.63 0.36 0.00	13.69 0.43 0.00	14.53 0.60 0.00	19.40 0.66 -4.18	22.49 0.43 -13.12	48.10 0.39 -39.13	92.31 -0.03 -92.25	33.96 0.32 -26.09	22.17 0.73 -4.62	18.10 0.73 0.00
BOWLINE___1 23526	21.83 0.92 -2.64	19.32 0.90 -1.02	18.71 0.88 -1.66	17.77 0.84 -1.63	18.61 0.93 0.00	19.73 0.98 -1.18	50.09 0.86 -34.02	25.14 1.34 -0.08	23.33 1.25 0.00	19.76 1.00 0.00	15.48 0.88 0.00	12.28 0.75 0.00	13.16 0.86 0.00	11.21 0.73 0.00	14.28 1.01 0.00	14.29 1.03 0.00	14.95 1.02 0.00	18.78 1.11 -3.10	19.34 0.68 -9.72	38.23 0.65 -29.00	68.47 0.01 -68.37	26.52 0.54 -18.42	21.22 1.13 -3.26	18.61 1.23 0.00
BOWLINE___2 23595	21.83 0.92 -2.64	19.32 0.90 -1.02	18.71 0.88 -1.66	17.77 0.84 -1.63	18.61 0.93 0.00	19.73 0.98 -1.18	50.09 0.86 -34.02	25.14 1.35 -0.08	23.33 1.25 0.00	19.76 1.00 0.00	15.48 0.88 0.00	12.29 0.75 0.00	13.16 0.87 0.00	11.21 0.73 0.00	14.28 1.01 0.00	14.29 1.03 0.00	14.95 1.02 0.00	18.78 1.11 -3.10	19.34 0.68 -9.73	38.23 0.65 -29.00	68.48 0.01 -68.38	26.52 0.54 -18.43	21.22 1.13 -3.26	18.61 1.23 0.00
BRADY___115KV_TB2 356060	17.84 -0.44 -0.03	16.97 -0.44 -0.01	15.72 -0.47 -0.02	14.95 -0.38 -0.02	17.33 -0.35 0.00	16.98 -0.60 -0.01	15.29 -0.31 -0.38	23.40 -0.32 0.00	21.79 -0.30 0.00	18.65 -0.12 0.00	14.39 -0.20 0.00	11.33 -0.20 0.00	12.06 -0.24 0.00	10.28 -0.19 0.00	12.99 -0.28 0.00	12.96 -0.30 0.00	13.63 -0.29 0.00	14.26 -0.31 0.00	8.72 -0.22 0.00	8.38 -0.20 0.00	0.08 0.00 0.00	-1.88 -0.18 9.25	-0.67 -0.33 17.17	-8.76 -0.46 25.68
BRANSCOMB___SOLAR 323811	22.59 0.79 -3.54	19.50 0.74 -1.37	19.10 0.70 -2.21	18.16 0.67 -2.18	18.45 0.78 0.00	19.97 0.83 -1.58	63.45 0.74 -47.49	24.81 0.98 -0.11	22.80 0.72 0.00	19.23 0.46 0.00	14.97 0.38 0.00	11.83 0.30 0.00	12.64 0.34 0.00	10.76 0.29 0.00	13.68 0.41 0.00	13.72 0.46 0.00	14.50 0.58 0.00	19.65 0.69 -4.39	23.19 0.46 -13.79	50.14 0.44 -41.12	96.72 -0.02 -96.65	34.91 0.36 -26.99	22.36 0.75 -4.78	18.11 0.73 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	41.61 1.62 -21.73	19.99 1.55 -1.04	20.55 1.52 -2.85	18.37 1.38 -1.69	19.27 1.59 0.00	20.26 1.48 -1.21	53.71 1.46 -37.03	25.88 2.07 -0.09	23.98 1.90 0.00	21.53 1.64 -1.12	28.59 1.45 -12.55	14.77 1.19 -2.06	23.72 1.32 -10.10	37.89 1.08 -26.34	26.19 1.40 -11.52	27.22 1.43 -12.53	38.51 1.45 -23.14	19.72 1.47 -3.67	23.57 0.91 -13.72	56.69 0.87 -47.25	77.23 0.04 -77.11	33.19 0.84 -24.80	22.88 1.89 -4.16	19.23 1.86 0.00
BRISTLHL_115KV_TB1 79998	18.11 -0.39 -0.24	17.09 -0.40 -0.09	16.02 -0.31 -0.15	15.13 -0.33 -0.15	17.34 -0.34 0.00	17.38 -0.29 -0.10	18.16 -0.28 -3.21	23.17 -0.56 -0.01	21.54 -0.54 0.00	18.27 -0.50 0.00	14.22 -0.37 0.00	11.24 -0.30 0.00	11.96 -0.33 0.00	10.20 -0.27 0.00	12.91 -0.36 0.00	12.90 -0.36 0.00	13.54 -0.39 0.00	14.50 -0.37 -0.30	9.69 -0.19 -0.95	11.22 -0.19 -2.83	6.72 -0.01 -6.65	9.21 -0.15 -1.81	16.75 -0.40 -0.32	16.91 -0.33 0.14
BROOKHAVEN___DRP 24191	41.56 1.56 -21.73	19.94 1.50 -1.04	20.51 1.48 -2.86	18.34 1.34 -1.69	19.22 1.54 0.00	20.21 1.43 -1.21	53.69 1.44 -37.03	25.79 1.98 -0.09	23.87 1.79 0.00	21.39 1.51 -1.12	28.47 1.32 -12.55	14.67 1.08 -2.06	23.60 1.20 -10.10	37.79 0.98 -26.34	26.03 1.24 -11.52	27.09 1.29 -12.53	38.40 1.34 -23.14	19.67 1.43 -3.67	23.59 0.93 -13.72	56.71 0.89 -47.25	77.22 0.03 -77.11	33.16 0.81 -24.80	22.78 1.79 -4.16	19.12 1.75 0.00
BROOKLYN_NAVY_YARD 23515	21.95 0.96 -2.73	19.43 0.97 -1.06	18.84 0.96 -1.71	17.92 0.93 -1.69	18.70 1.02 0.00	19.84 1.05 -1.22	53.18 0.92 -37.04	25.30 1.49 -0.09	23.54 1.45 0.00	19.99 1.22 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.32 1.03 0.00	11.35 0.87 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.08 1.15 0.00	19.15 1.21 -3.37	20.24 0.73 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.16 0.58 -20.02	21.63 1.26 -3.54	18.73 1.36 0.00
BROOKLYN___ARMY_DRP 323595	22.01 1.02 -2.72	19.45 1.01 -1.04	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.86 1.08 -1.21	53.21 0.96 -37.03	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.18 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.20 0.62 -20.02	21.73 1.35 -3.54	18.84 1.47 0.00

BROOKVLE_69_KV_TB1 55790	41.32 1.32 -21.73	19.71 1.27 -1.04	20.13 1.23 -2.72	18.14 1.15 -1.69	18.98 1.31 0.00	20.06 1.28 -1.21	53.45 1.20 -37.03	25.60 1.79 -0.09	23.78 1.69 0.00	21.33 1.44 -1.12	28.44 1.29 -12.55	14.66 1.07 -2.06	23.59 1.20 -10.10	37.81 1.00 -26.34	26.12 1.33 -11.52	27.15 1.35 -12.53	38.42 1.35 -23.14	19.67 1.42 -3.67	23.55 0.89 -13.72	56.67 0.84 -47.25	77.21 0.02 -77.11	33.08 0.73 -24.80	22.57 1.58 -4.16	18.99 1.61 0.00
BROOME_2_LFGE 323671	19.41 0.36 -0.78	18.02 0.32 -0.30	17.02 0.35 -0.49	16.10 0.31 -0.48	18.06 0.38 0.00	18.33 0.42 -0.35	25.98 0.34 -10.43	24.17 0.43 -0.03	22.48 0.39 0.00	19.06 0.29 0.00	14.83 0.24 0.00	11.73 0.20 0.00	12.49 0.20 0.00	10.68 0.20 0.00	13.50 0.23 0.00	13.49 0.23 0.00	14.15 0.23 0.00	15.82 0.27 -0.98	12.18 0.19 -3.06	17.88 0.18 -9.12	21.47 -0.01 -21.38	13.54 0.16 -5.82	18.16 0.30 -1.03	17.80 0.43 0.00
BROOME___LFGE 323600	19.41 0.36 -0.78	18.02 0.32 -0.30	17.02 0.35 -0.49	16.10 0.31 -0.48	18.06 0.38 0.00	18.33 0.42 -0.35	25.98 0.34 -10.43	24.17 0.43 -0.03	22.48 0.39 0.00	19.06 0.29 0.00	14.83 0.24 0.00	11.73 0.20 0.00	12.49 0.20 0.00	10.68 0.20 0.00	13.50 0.23 0.00	13.49 0.23 0.00	14.15 0.23 0.00	15.82 0.27 -0.98	12.18 0.19 -3.06	17.88 0.18 -9.12	21.47 -0.01 -21.38	13.54 0.16 -5.82	18.16 0.30 -1.03	17.80 0.43 0.00
BROWNFLS_115KV_TB_3_5 80003	17.37 -0.97 -0.07	16.52 -0.91 -0.03	15.45 -0.77 -0.05	14.55 -0.80 -0.05	16.87 -0.81 0.00	16.67 -0.93 -0.03	15.62 -0.61 -1.02	22.73 -0.99 0.00	21.22 -0.87 0.00	18.09 -0.68 0.00	13.95 -0.65 0.00	10.94 -0.59 0.00	11.65 -0.64 0.00	9.90 -0.57 0.00	12.51 -0.76 0.00	12.44 -0.81 0.00	13.01 -0.91 0.00	13.78 -0.89 -0.09	8.77 -0.47 -0.30	9.04 -0.43 -0.89	2.18 -0.01 -2.10	2.30 -0.43 4.82	5.97 -0.94 9.92	-0.02 -1.13 16.26
BROWNSV1_27_KV_LOAD 356125	22.12 1.13 -2.72	19.55 1.11 -1.04	18.96 1.08 -1.71	18.03 1.04 -1.69	18.83 1.15 0.00	19.96 1.18 -1.21	53.31 1.06 -37.03	25.52 1.71 -0.09	23.76 1.67 0.00	20.18 1.41 0.00	15.83 1.24 0.00	12.57 1.04 0.00	13.46 1.16 0.00	11.46 0.99 0.00	14.61 1.34 0.00	14.61 1.35 0.00	15.24 1.32 0.00	19.32 1.39 -3.37	20.35 0.84 -10.57	40.91 0.80 -31.53	74.47 0.01 -74.36	28.24 0.66 -20.02	21.81 1.44 -3.54	18.91 1.53 0.00
BURROWS___LYONSDAL 23803	18.16 -0.20 -0.09	17.27 -0.16 -0.03	16.21 -0.03 -0.06	15.21 -0.15 -0.06	17.60 -0.08 0.00	17.51 -0.10 -0.04	16.45 0.00 -1.23	23.55 -0.17 0.00	22.01 -0.07 0.00	18.65 -0.11 0.00	14.41 -0.19 0.00	11.32 -0.21 0.00	12.08 -0.22 0.00	10.25 -0.22 0.00	12.97 -0.30 0.00	12.91 -0.34 0.00	13.50 -0.43 0.00	14.32 -0.37 -0.12	9.18 -0.12 -0.36	9.57 -0.10 -1.09	2.63 -0.01 -2.55	6.95 -0.13 0.48	14.42 -0.35 2.05	13.78 -0.40 3.18
CAITHNESS_CC_1 323624	41.57 1.57 -21.74	19.96 1.51 -1.06	20.52 1.48 -2.86	18.34 1.34 -1.69	19.23 1.55 0.00	20.23 1.45 -1.22	53.71 1.44 -37.04	25.77 1.97 -0.09	23.92 1.84 0.00	21.40 1.52 -1.12	28.49 1.35 -12.55	14.69 1.10 -2.06	23.62 1.23 -10.10	37.81 1.00 -26.34	26.07 1.27 -11.52	27.11 1.32 -12.53	38.42 1.36 -23.14	19.68 1.44 -3.67	23.59 0.93 -13.72	56.72 0.89 -47.25	77.22 0.03 -77.11	33.19 0.84 -24.80	22.78 1.79 -4.16	19.11 1.74 0.00
CALPINE BETH_PAGE_GT4 24209	41.38 1.38 -21.73	19.77 1.33 -1.04	20.27 1.29 -2.80	18.17 1.18 -1.69	19.03 1.35 0.00	20.05 1.27 -1.21	53.48 1.23 -37.03	25.57 1.77 -0.09	23.76 1.68 0.00	21.32 1.44 -1.12	28.42 1.28 -12.55	14.63 1.04 -2.06	23.56 1.17 -10.10	37.77 0.96 -26.34	26.06 1.27 -11.52	27.08 1.29 -12.53	38.31 1.24 -23.14	19.53 1.28 -3.67	23.48 0.82 -13.72	56.61 0.78 -47.25	77.22 0.02 -77.11	33.05 0.70 -24.80	22.56 1.57 -4.16	18.99 1.62 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.39 1.39 -21.74	19.78 1.33 -1.06	20.27 1.29 -2.80	18.18 1.18 -1.69	19.03 1.35 0.00	20.06 1.28 -1.22	53.49 1.23 -37.04	25.55 1.74 -0.09	23.78 1.69 0.00	21.31 1.42 -1.12	28.42 1.27 -12.55	14.63 1.04 -2.06	23.56 1.17 -10.10	37.77 0.96 -26.34	26.06 1.26 -11.52	27.08 1.29 -12.53	38.31 1.24 -23.14	19.53 1.28 -3.67	23.48 0.82 -13.72	56.61 0.78 -47.25	77.22 0.02 -77.11	33.07 0.71 -24.80	22.55 1.56 -4.16	18.97 1.60 0.00
CALPINE_BP_GT1 23823	41.39 1.39 -21.74	19.78 1.33 -1.06	20.27 1.29 -2.80	18.18 1.18 -1.69	19.03 1.35 0.00	20.06 1.28 -1.22	53.49 1.23 -37.04	25.55 1.74 -0.09	23.78 1.69 0.00	21.31 1.42 -1.12	28.42 1.27 -12.55	14.63 1.04 -2.06	23.56 1.17 -10.10	37.77 0.96 -26.34	26.06 1.26 -11.52	27.08 1.29 -12.53	38.31 1.24 -23.14	19.53 1.28 -3.67	23.48 0.82 -13.72	56.61 0.78 -47.25	77.22 0.02 -77.11	33.07 0.71 -24.80	22.55 1.56 -4.16	18.97 1.60 0.00
CALSPAN___DRP 24200	18.94 0.25 -0.43	17.75 0.18 -0.17	16.81 0.36 -0.27	15.86 0.28 -0.26	18.11 0.43 0.00	18.16 0.41 -0.18	21.12 0.15 -5.74	23.54 -0.19 -0.01	22.10 0.02 0.00	18.94 0.17 0.00	14.77 0.17 0.00	11.65 0.12 0.00	12.33 0.04 0.00	10.64 0.16 0.00	13.34 0.07 0.00	13.28 0.02 0.00	13.86 0.00 0.00	14.94 -0.17 -0.54	10.53 -0.09 -1.68	13.46 -0.14 -5.02	11.82 -0.05 -11.78	10.77 0.01 -3.21	17.26 -0.14 -0.57	17.81 0.43 0.00
CALVERTON___SOLAR 323806	41.59 1.59 -21.74	19.97 1.52 -1.06	20.53 1.49 -2.86	18.35 1.36 -1.69	19.24 1.56 0.00	20.24 1.46 -1.22	53.73 1.46 -37.04	25.78 1.97 -0.09	23.90 1.81 0.00	21.38 1.49 -1.12	28.45 1.31 -12.55	14.66 1.07 -2.06	23.58 1.19 -10.10	37.78 0.97 -26.34	26.03 1.23 -11.52	27.08 1.29 -12.53	38.41 1.34 -23.14	19.68 1.43 -3.67	23.60 0.94 -13.72	56.73 0.90 -47.25	77.23 0.03 -77.11	33.20 0.84 -24.80	22.79 1.79 -4.16	19.11 1.74 0.00
CANDIGU_WT_PWR 323617	19.28 0.47 -0.55	18.01 0.40 -0.21	17.02 0.49 -0.35	16.08 0.43 -0.34	18.23 0.55 0.00	18.39 0.58 -0.25	23.05 0.42 -7.41	24.11 0.37 -0.02	22.47 0.39 0.00	19.07 0.30 0.00	14.85 0.26 0.00	11.78 0.25 0.00	12.54 0.24 0.00	10.76 0.29 0.00	13.56 0.28 0.00	13.53 0.27 0.00	14.14 0.21 0.00	15.45 0.18 -0.69	11.26 0.15 -2.17	15.17 0.12 -6.48	15.27 -0.02 -15.19	11.83 0.14 -4.13	17.74 0.18 -0.73	17.91 0.54 0.00
CARR STREET_E_SYR 24060	18.35 -0.18 -0.27	17.32 -0.18 -0.10	16.22 -0.12 -0.17	15.34 -0.13 -0.16	17.55 -0.13 0.00	17.60 -0.08 -0.12	18.68 -0.09 -3.55	23.51 -0.22 -0.01	21.89 -0.20 0.00	18.57 -0.20 0.00	14.45 -0.14 0.00	11.42 -0.11 0.00	12.16 -0.14 0.00	10.37 -0.10 0.00	13.14 -0.14 0.00	13.12 -0.14 0.00	13.75 -0.18 0.00	14.74 -0.16 -0.33	9.91 -0.07 -1.05	11.63 -0.07 -3.13	7.42 -0.01 -7.34	9.50 -0.05 -2.00	17.00 -0.19 -0.35	17.29 -0.09 0.00
CARTHAGE___PAPER 23857	17.75 -0.65 -0.13	16.88 -0.57 -0.05	15.89 -0.37 -0.09	14.87 -0.52 -0.08	17.22 -0.46 0.00	17.16 -0.47 -0.06	16.76 -0.26 -1.80	23.04 -0.68 0.00	21.48 -0.60 0.00	18.16 -0.60 0.00	13.98 -0.61 0.00	10.95 -0.58 0.00	11.68 -0.61 0.00	9.90 -0.57 0.00	12.51 -0.76 0.00	12.39 -0.87 0.00	12.90 -1.03 0.00	13.79 -0.95 -0.17	9.08 -0.38 -0.53	9.83 -0.33 -1.58	3.79 -0.02 -3.72	5.92 -0.33 1.30	11.89 -0.82 4.12	8.25 -0.97 8.15

CASSADAGA_WT_PWR 323784	20.15 1.45 -0.44	18.89 1.32 -0.17	17.88 1.43 -0.28	16.87 1.29 -0.27	19.30 1.62 0.00	19.43 1.66 -0.20	22.45 1.32 -5.91	25.44 1.71 -0.01	23.92 1.84 0.00	20.46 1.70 0.00	15.87 1.28 0.00	12.52 0.99 0.00	13.23 0.94 0.00	11.39 0.91 0.00	14.15 0.87 0.00	14.08 0.82 0.00	14.77 0.85 0.00	15.94 0.81 -0.55	11.19 0.52 -1.73	14.22 0.48 -5.16	12.15 -0.05 -12.11	11.41 0.56 -3.30	18.45 1.04 -0.58	19.01 1.63 0.00
CE_DUNWOOD___DRP 24194	21.94 0.96 -2.72	19.37 0.93 -1.04	18.79 0.91 -1.71	17.85 0.87 -1.68	18.65 0.97 0.00	19.78 1.01 -1.21	53.11 0.90 -36.99	25.23 1.43 -0.09	23.43 1.35 0.00	19.88 1.11 0.00	15.58 0.99 0.00	12.36 0.83 0.00	13.24 0.94 0.00	11.27 0.80 0.00	14.36 1.08 0.00	14.37 1.11 0.00	15.02 1.10 0.00	19.10 1.17 -3.36	20.21 0.72 -10.56	40.76 0.68 -31.50	74.38 0.01 -74.28	28.12 0.57 -20.00	21.58 1.21 -3.54	18.67 1.30 0.00
CE_MILLWOOD___DRP 24193	21.90 0.93 -2.71	19.35 0.91 -1.04	18.76 0.89 -1.70	17.83 0.84 -1.68	18.63 0.95 0.00	19.77 0.99 -1.21	52.89 0.88 -36.80	25.20 1.39 -0.08	23.40 1.31 0.00	19.84 1.08 0.00	15.55 0.95 0.00	12.34 0.80 0.00	13.21 0.91 0.00	11.25 0.77 0.00	14.32 1.05 0.00	14.33 1.08 0.00	14.99 1.07 0.00	19.06 1.14 -3.35	20.14 0.70 -10.51	40.58 0.67 -31.34	74.00 0.01 -73.89	28.01 0.56 -19.90	21.54 1.19 -3.52	18.64 1.27 0.00
CE_NYC2_DRP 24202	21.97 0.98 -2.72	19.43 0.99 -1.04	18.86 0.98 -1.71	17.93 0.94 -1.69	18.72 1.04 0.00	19.85 1.07 -1.21	53.20 0.95 -37.03	25.34 1.54 -0.09	23.59 1.50 0.00	20.04 1.28 0.00	15.72 1.13 0.00	12.49 0.96 0.00	13.38 1.08 0.00	11.39 0.92 0.00	14.51 1.24 0.00	14.51 1.25 0.00	15.14 1.21 0.00	19.21 1.27 -3.37	20.28 0.77 -10.57	40.84 0.73 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.67 1.30 -3.54	18.78 1.40 0.00
CE_NYC_DRP 24195	21.98 0.99 -2.72	19.42 0.98 -1.04	18.85 0.96 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.84 1.06 -1.21	53.19 0.95 -37.03	25.33 1.52 -0.09	23.57 1.48 0.00	20.02 1.25 0.00	15.71 1.12 0.00	12.48 0.94 0.00	13.36 1.07 0.00	11.38 0.90 0.00	14.50 1.23 0.00	14.50 1.24 0.00	15.12 1.20 0.00	19.20 1.26 -3.37	20.27 0.76 -10.57	40.83 0.72 -31.53	74.47 0.01 -74.36	28.17 0.59 -20.02	21.67 1.29 -3.54	18.76 1.39 0.00
CHAFFEE___LFGE 323603	19.28 0.57 -0.44	18.06 0.49 -0.17	17.10 0.65 -0.28	16.13 0.55 -0.27	18.44 0.76 0.00	18.52 0.76 -0.20	21.60 0.48 -5.90	24.09 0.36 -0.01	22.59 0.50 0.00	19.35 0.59 0.00	15.08 0.49 0.00	11.90 0.37 0.00	12.59 0.30 0.00	10.86 0.39 0.00	13.61 0.34 0.00	13.54 0.28 0.00	14.13 0.20 0.00	15.22 0.10 -0.55	10.73 0.07 -1.73	13.76 0.03 -5.16	12.14 -0.05 -12.11	10.99 0.14 -3.29	17.58 0.17 -0.58	18.16 0.79 0.00
CHATEAUG_35_KV_LOAD 355732	18.37 0.08 -0.02	17.38 -0.03 -0.01	15.96 -0.23 -0.01	15.08 -0.24 -0.01	17.32 -0.36 0.00	17.11 -0.47 -0.01	15.16 -0.32 -0.26	23.57 -0.16 0.00	22.06 -0.03 0.00	18.79 0.02 0.00	14.27 -0.32 0.00	11.10 -0.43 0.00	11.70 -0.59 0.00	10.01 -0.46 0.00	12.70 -0.57 0.00	12.66 -0.60 0.00	13.28 -0.64 0.00	13.92 -0.65 0.00	8.53 -0.41 0.00	8.20 -0.37 0.00	0.06 -0.03 0.00	-2.88 -0.45 9.98	-2.50 -0.79 18.53	-11.10 -1.01 27.47
CHATEAUG_WT_PWR 323614	18.46 0.20 0.00	17.48 0.08 0.00	16.05 -0.13 0.00	15.16 -0.14 0.00	17.42 -0.26 0.00	17.21 -0.36 0.00	14.99 -0.23 0.00	23.66 -0.06 0.00	22.18 0.09 0.00	18.88 0.11 0.00	14.34 -0.26 0.00	11.14 -0.39 0.00	11.74 -0.55 0.00	10.04 -0.44 0.00	12.74 -0.53 0.00	12.71 -0.55 0.00	13.33 -0.59 0.00	13.98 -0.60 0.00	8.56 -0.38 0.00	8.23 -0.34 0.00	0.05 -0.04 0.00	-3.05 -0.43 10.18	-2.82 -0.76 18.90	-11.54 -0.97 27.94
CHAT_HIGH_FALL_HYD 323578	18.35 0.08 0.00	17.37 -0.03 0.00	15.94 -0.23 0.00	15.07 -0.24 0.00	17.32 -0.36 0.00	17.10 -0.46 0.00	14.90 -0.32 0.00	23.55 -0.17 0.00	22.07 -0.02 0.00	18.79 0.02 0.00	14.27 -0.32 0.00	11.10 -0.43 0.00	11.70 -0.59 0.00	10.01 -0.46 0.00	12.70 -0.57 0.00	12.66 -0.60 0.00	13.28 -0.64 0.00	13.92 -0.65 0.00	8.53 -0.41 0.00	8.20 -0.37 0.00	0.06 -0.03 0.00	-2.87 -0.44 9.98	-2.50 -0.80 18.53	-11.11 -1.02 27.47
CHAUTAUQUA___LFGE 323629	19.54 0.84 -0.43	18.32 0.76 -0.17	17.35 0.90 -0.27	16.37 0.79 -0.27	18.70 1.03 0.00	18.80 1.04 -0.19	21.75 0.74 -5.80	24.48 0.75 -0.01	22.99 0.91 0.00	19.69 0.92 0.00	15.31 0.72 0.00	12.08 0.55 0.00	12.77 0.47 0.00	11.00 0.52 0.00	13.72 0.44 0.00	13.67 0.41 0.00	14.31 0.38 0.00	15.43 0.31 -0.54	10.85 0.22 -1.70	13.81 0.17 -5.06	11.92 -0.05 -11.88	11.07 0.29 -3.24	17.86 0.45 -0.57	18.43 1.05 0.00
CHERRYST_13_KV_LD 356241	22.03 1.04 -2.72	19.46 1.02 -1.04	18.89 1.00 -1.71	17.96 0.96 -1.69	18.75 1.07 0.00	19.88 1.10 -1.21	53.23 0.98 -37.03	25.40 1.60 -0.09	23.65 1.56 0.00	20.09 1.33 0.00	15.76 1.17 0.00	12.52 0.99 0.00	13.41 1.11 0.00	11.42 0.94 0.00	14.55 1.28 0.00	14.55 1.29 0.00	15.18 1.25 0.00	19.25 1.32 -3.37	20.30 0.79 -10.57	40.86 0.75 -31.53	74.46 0.01 -74.36	28.19 0.61 -20.02	21.72 1.34 -3.54	18.81 1.44 0.00
CHESTROR_138KV_BK263 355645	21.60 0.86 -2.48	19.18 0.84 -0.95	18.55 0.81 -1.56	17.62 0.77 -1.53	18.55 0.87 0.00	19.60 0.93 -1.10	48.54 0.81 -32.51	25.07 1.27 -0.08	23.24 1.16 0.00	19.68 0.92 0.00	15.40 0.80 0.00	12.21 0.68 0.00	13.06 0.77 0.00	11.12 0.65 0.00	14.16 0.89 0.00	14.17 0.91 0.00	14.85 0.92 0.00	18.54 1.01 -2.96	18.86 0.63 -9.30	36.92 0.60 -27.75	65.50 0.01 -65.40	25.68 0.50 -17.63	21.01 1.06 -3.12	18.51 1.14 0.00
CH_MIDHUDSON___DRP 24192	21.97 0.93 -2.78	19.38 0.90 -1.08	18.79 0.88 -1.73	17.85 0.84 -1.71	18.62 0.95 0.00	19.82 1.00 -1.26	53.22 0.88 -37.12	25.19 1.39 -0.09	23.37 1.28 0.00	19.79 1.02 0.00	15.48 0.89 0.00	12.28 0.74 0.00	13.13 0.84 0.00	11.18 0.70 0.00	14.24 0.97 0.00	14.26 1.00 0.00	14.95 1.02 0.00	19.05 1.11 -3.38	20.23 0.69 -10.60	40.86 0.66 -31.62	74.67 0.01 -74.57	28.23 0.56 -20.12	21.57 1.18 -3.56	18.63 1.25 0.00
CH_MISC_IPPS 23765	22.04 1.06 -2.71	19.47 1.02 -1.05	18.86 0.98 -1.70	17.92 0.94 -1.67	18.75 1.07 0.00	19.91 1.13 -1.21	52.53 0.99 -36.32	25.37 1.57 -0.08	23.52 1.44 0.00	19.93 1.16 0.00	15.58 0.99 0.00	12.35 0.82 0.00	13.22 0.92 0.00	11.25 0.78 0.00	14.34 1.06 0.00	14.36 1.10 0.00	15.05 1.13 0.00	19.10 1.22 -3.30	20.08 0.76 -10.38	40.26 0.73 -30.95	73.08 0.01 -72.98	27.86 0.62 -19.69	21.61 1.30 -3.48	18.75 1.38 0.00
CH_RES_BVR_FALLS 23983	17.78 -0.49 0.00	16.97 -0.43 0.00	15.83 -0.35 0.00	14.90 -0.41 0.00	17.24 -0.44 0.00	17.08 -0.49 0.00	14.83 -0.39 0.00	23.12 -0.60 0.00	21.74 -0.34 0.00	18.54 -0.22 0.00	14.34 -0.25 0.00	11.25 -0.28 0.00	11.98 -0.31 0.00	10.21 -0.26 0.00	12.93 -0.34 0.00	12.89 -0.37 0.00	13.49 -0.44 0.00	14.15 -0.42 0.00	8.64 -0.29 0.00	8.31 -0.27 0.00	0.07 -0.02 0.00	-12.05 -0.31 19.29	-19.76 -0.78 35.81	-35.72 -0.68 52.41

CH_RES_NIAGARA 23895	18.15 -0.51 -0.40	17.12 -0.44 -0.16	16.24 -0.18 -0.25	15.34 -0.22 -0.25	17.49 -0.19 0.00	17.53 -0.22 -0.18	20.15 -0.43 -5.37	22.51 -1.22 -0.01	21.09 -0.99 0.00	18.14 -0.63 0.00	14.16 -0.44 0.00	11.16 -0.37 0.00	11.79 -0.50 0.00	10.17 -0.30 0.00	12.77 -0.51 0.00	12.70 -0.56 0.00	13.24 -0.68 0.00	14.25 -0.82 -0.50	10.04 -0.47 -1.57	12.74 -0.53 -4.69	11.05 -0.04 -11.00	10.19 -0.35 -2.99	16.47 -0.89 -0.53	17.13 -0.24 0.00
CH_RES_SYRACUSE 23985	18.47 -0.09 -0.29	17.42 -0.10 -0.11	16.31 -0.05 -0.18	15.43 -0.06 -0.18	17.63 -0.05 0.00	17.70 0.01 -0.13	19.14 -0.01 -3.93	23.62 -0.11 -0.01	21.97 -0.11 0.00	18.63 -0.13 0.00	14.50 -0.09 0.00	11.43 -0.10 0.00	12.18 -0.12 0.00	10.39 -0.09 0.00	13.17 -0.10 0.00	13.15 -0.11 0.00	13.81 -0.11 0.00	14.85 -0.08 -0.36	10.05 -0.03 -1.14	11.96 -0.02 -3.40	8.06 -0.01 -7.98	9.72 0.00 -2.17	17.12 -0.09 -0.38	17.31 0.01 0.07
CLINTON_WT_PWR 323605	18.46 0.20 0.00	17.48 0.08 0.00	16.05 -0.13 0.00	15.16 -0.14 0.00	17.42 -0.26 0.00	17.21 -0.36 0.00	14.99 -0.23 0.00	23.66 -0.06 0.00	22.18 0.09 0.00	18.88 0.11 0.00	14.34 -0.26 0.00	11.14 -0.39 0.00	11.74 -0.55 0.00	10.04 -0.44 0.00	12.74 -0.53 0.00	12.71 -0.55 0.00	13.33 -0.59 0.00	13.98 -0.60 0.00	8.56 -0.38 0.00	8.23 -0.34 0.00	0.05 -0.04 0.00	-3.05 -0.43 10.18	-2.82 -0.76 18.90	-11.54 -0.97 27.94
CLINTON___LFGE 323618	18.83 0.57 0.00	17.84 0.44 0.00	16.39 0.21 0.00	15.48 0.17 0.00	17.76 0.09 0.00	17.57 0.00 0.00	15.31 0.09 0.00	24.19 0.48 0.00	22.64 0.56 0.00	19.15 0.38 0.00	14.50 -0.09 0.00	11.27 -0.26 0.00	11.87 -0.42 0.00	10.14 -0.33 0.00	12.98 -0.30 0.00	12.95 -0.31 0.00	13.61 -0.32 0.00	14.29 -0.29 0.00	8.74 -0.19 0.00	8.41 -0.17 0.00	0.04 -0.05 0.00	-2.82 -0.26 10.11	-2.34 -0.40 18.77	-11.04 -0.63 27.78
COBBLENY_34_KV_TB1 80064	19.28 0.58 -0.44	18.06 0.49 -0.17	17.09 0.64 -0.28	16.13 0.55 -0.27	18.44 0.76 0.00	18.51 0.76 -0.18	21.60 0.48 -5.90	24.09 0.35 -0.01	22.61 0.52 0.00	19.34 0.58 0.00	15.07 0.48 0.00	11.90 0.37 0.00	12.59 0.30 0.00	10.86 0.39 0.00	13.61 0.34 0.00	13.54 0.28 0.00	14.12 0.20 0.00	15.22 0.10 -0.55	10.73 0.07 -1.73	13.76 0.03 -5.16	12.14 -0.05 -12.11	11.00 0.15 -3.29	17.59 0.18 -0.58	18.12 0.75 0.00
COFFEEN___115KV_TB3 355620	17.78 -0.64 -0.15	16.90 -0.55 -0.06	15.92 -0.35 -0.10	14.90 -0.50 -0.09	17.25 -0.43 0.00	17.24 -0.40 -0.07	17.07 -0.21 -2.07	23.03 -0.69 0.00	21.37 -0.71 0.00	18.03 -0.73 0.00	13.92 -0.68 0.00	10.91 -0.63 0.00	11.63 -0.66 0.00	9.86 -0.61 0.00	12.46 -0.81 0.00	12.33 -0.93 0.00	12.82 -1.11 0.00	13.72 -1.05 -0.19	9.16 -0.39 -0.61	10.06 -0.34 -1.82	4.34 -0.02 -4.27	6.50 -0.29 0.75	12.71 -0.76 3.35	9.72 -0.91 6.74
COLDSPRG_115KV_BK1 355956	20.66 1.95 -0.45	19.35 1.78 -0.18	18.31 1.85 -0.28	17.29 1.70 -0.28	19.79 2.11 0.00	19.97 2.21 -0.19	23.12 1.85 -6.05	26.32 2.58 -0.01	24.72 2.63 0.00	21.05 2.28 0.00	16.33 1.74 0.00	12.88 1.35 0.00	13.62 1.32 0.00	11.72 1.24 0.00	14.60 1.33 0.00	14.52 1.26 0.00	15.20 1.27 0.00	16.39 1.25 -0.56	11.50 0.79 -1.77	14.62 0.75 -5.29	12.46 -0.04 -12.41	11.75 0.82 -3.38	18.97 1.54 -0.60	19.45 2.08 0.00
COLONIE_LFGE___ 323577	22.37 0.63 -3.47	19.36 0.62 -1.34	18.95 0.60 -2.17	18.04 0.58 -2.14	18.31 0.62 0.00	19.78 0.66 -1.55	62.47 0.57 -46.67	24.64 0.81 -0.11	22.69 0.60 0.00	19.14 0.37 0.00	14.92 0.33 0.00	11.80 0.26 0.00	12.60 0.31 0.00	10.71 0.24 0.00	13.64 0.37 0.00	13.68 0.42 0.00	14.44 0.51 0.00	19.44 0.57 -4.29	22.80 0.38 -13.49	49.14 0.35 -40.21	94.71 -0.02 -94.63	34.41 0.27 -26.58	22.11 0.58 -4.70	17.95 0.58 0.00
COOPERNY_115KV_TB1 80082	20.47 0.60 -1.61	18.59 0.58 -0.62	17.75 0.56 -1.01	16.82 0.53 -0.99	18.27 0.59 0.00	18.92 0.64 -0.71	37.04 0.56 -21.27	24.66 0.89 -0.05	22.90 0.82 0.00	19.41 0.65 0.00	15.15 0.55 0.00	11.99 0.46 0.00	12.81 0.51 0.00	10.91 0.43 0.00	13.86 0.59 0.00	13.86 0.60 0.00	14.53 0.60 0.00	17.16 0.64 -1.95	15.50 0.41 -6.15	27.31 0.39 -18.34	43.25 0.01 -43.16	19.56 0.33 -11.68	19.59 0.69 -2.07	18.13 0.76 0.00
COPENHAGEN_WT_PWR 323753	17.58 -0.84 -0.16	16.71 -0.75 -0.06	15.78 -0.50 -0.10	14.74 -0.67 -0.10	17.05 -0.63 0.00	17.05 -0.60 -0.07	16.97 -0.39 -2.14	22.78 -0.95 0.00	21.32 -0.76 0.00	18.02 -0.75 0.00	13.91 -0.68 0.00	10.89 -0.64 0.00	11.62 -0.67 0.00	9.85 -0.62 0.00	12.44 -0.84 0.00	12.27 -0.99 0.00	12.73 -1.19 0.00	13.64 -1.14 -0.20	9.09 -0.48 -0.63	10.01 -0.45 -1.88	4.48 -0.02 -4.42	6.52 -0.42 0.60	12.63 -1.06 3.15	9.79 -1.22 6.36
CORNELL___ 23752	19.28 0.46 -0.56	18.02 0.40 -0.22	16.94 0.41 -0.35	16.03 0.38 -0.34	18.15 0.47 0.00	18.35 0.54 -0.24	23.14 0.45 -7.47	24.25 0.51 -0.02	22.49 0.41 0.00	18.99 0.22 0.00	14.74 0.15 0.00	11.62 0.09 0.00	12.37 0.08 0.00	10.56 0.08 0.00	13.39 0.11 0.00	13.36 0.10 0.00	14.06 0.13 0.00	15.51 0.25 -0.69	11.34 0.22 -2.19	15.33 0.23 -6.52	15.38 -0.01 -15.30	11.94 0.23 -4.17	17.95 0.39 -0.74	17.86 0.49 0.00
CORONA_AAV_69_KV_TB1 355595	41.37 1.38 -21.73	19.75 1.31 -1.04	20.15 1.28 -2.70	18.17 1.18 -1.69	19.02 1.34 0.00	20.05 1.27 -1.21	53.45 1.20 -37.03	25.53 1.72 -0.09	23.73 1.65 0.00	21.29 1.40 -1.12	28.40 1.25 -12.55	14.61 1.02 -2.06	23.56 1.17 -10.10	37.78 0.97 -26.34	26.08 1.28 -11.52	27.10 1.31 -12.53	38.38 1.31 -23.14	19.60 1.35 -3.67	23.51 0.85 -13.72	56.64 0.81 -47.25	77.21 0.02 -77.11	33.07 0.72 -24.80	22.58 1.59 -4.16	19.00 1.63 0.00
CORTLAND_115KV_TB3 80093	19.02 0.29 -0.46	17.83 0.25 -0.18	16.75 0.28 -0.29	15.84 0.25 -0.28	17.99 0.31 0.00	18.13 0.36 -0.20	21.68 0.30 -6.16	24.09 0.35 -0.02	22.38 0.29 0.00	18.92 0.16 0.00	14.71 0.12 0.00	11.62 0.08 0.00	12.37 0.08 0.00	10.56 0.08 0.00	13.37 0.10 0.00	13.35 0.10 0.00	14.02 0.10 0.00	15.30 0.15 -0.57	10.89 0.15 -1.80	14.11 0.15 -5.38	12.70 -0.01 -12.61	11.14 0.15 -3.43	17.68 0.24 -0.61	17.71 0.34 0.00
COXSACKIE___GT 23611	22.39 0.94 -3.18	19.50 0.86 -1.23	19.00 0.83 -1.99	18.06 0.78 -1.97	18.59 0.91 0.00	19.96 0.97 -1.42	58.80 0.87 -42.71	25.12 1.30 -0.10	22.90 0.82 0.00	19.15 0.38 0.00	14.92 0.32 0.00	11.77 0.24 0.00	12.57 0.28 0.00	10.69 0.22 0.00	13.60 0.33 0.00	13.64 0.38 0.00	14.42 0.50 0.00	19.11 0.58 -3.95	21.83 0.47 -12.42	46.13 0.50 -37.05	87.19 0.00 -87.11	32.15 0.42 -24.17	21.99 0.88 -4.28	18.25 0.87 0.00
CPV_VALLEY___CC1 323721	21.64 0.87 -2.52	19.20 0.84 -0.97	18.57 0.82 -1.58	17.64 0.78 -1.55	18.55 0.87 0.00	19.61 0.91 -1.12	49.18 0.80 -33.16	25.06 1.26 -0.08	23.25 1.17 0.00	19.69 0.93 0.00	15.41 0.82 0.00	12.22 0.69 0.00	13.08 0.79 0.00	11.14 0.67 0.00	14.18 0.91 0.00	14.20 0.94 0.00	14.87 0.94 0.00	18.61 1.02 -3.02	19.05 0.63 -9.48	37.46 0.60 -28.28	66.77 0.01 -66.67	26.03 0.51 -17.97	21.07 1.06 -3.18	18.52 1.15 0.00

CPV_VALLEY___CC2 323722	21.64 0.87 -2.52	19.20 0.84 -0.97	18.57 0.82 -1.58	17.64 0.78 -1.55	18.55 0.87 0.00	19.61 0.91 -1.12	49.18 0.80 -33.16	25.06 1.26 -0.08	23.25 1.17 0.00	19.69 0.93 0.00	15.41 0.82 0.00	12.22 0.69 0.00	13.08 0.79 0.00	11.14 0.67 0.00	14.18 0.91 0.00	14.20 0.94 0.00	14.87 0.94 0.00	18.61 1.02 -3.02	19.05 0.63 -9.48	37.46 0.60 -28.28	66.77 0.01 -66.67	26.03 0.51 -17.97	21.07 1.06 -3.18	18.52 1.15 0.00
CRESCENT___HYD 24018	22.37 0.63 -3.47	19.36 0.62 -1.34	18.95 0.60 -2.17	18.04 0.58 -2.14	18.31 0.62 0.00	19.78 0.66 -1.55	62.47 0.57 -46.67	24.64 0.81 -0.11	22.69 0.60 0.00	19.14 0.37 0.00	14.92 0.33 0.00	11.80 0.26 0.00	12.60 0.31 0.00	10.71 0.24 0.00	13.64 0.37 0.00	13.68 0.42 0.00	14.44 0.51 0.00	19.44 0.57 -4.29	22.80 0.38 -13.49	49.14 0.35 -40.21	94.71 -0.02 -94.63	34.41 0.27 -26.58	22.11 0.58 -4.70	17.95 0.58 0.00
CRICKET___VALLEY_CC1 323756	21.84 0.69 -2.89	19.21 0.69 -1.12	18.66 0.68 -1.81	17.75 0.66 -1.78	18.42 0.74 0.00	19.66 0.80 -1.29	54.84 0.67 -38.95	24.85 1.04 -0.09	23.03 0.95 0.00	19.48 0.71 0.00	15.25 0.65 0.00	12.09 0.56 0.00	12.93 0.64 0.00	11.00 0.53 0.00	14.02 0.74 0.00	14.04 0.78 0.00	14.75 0.82 0.00	19.00 0.90 -3.53	20.58 0.56 -11.08	42.16 0.53 -33.05	78.09 0.00 -78.00	29.13 0.44 -21.14	21.48 0.90 -3.74	18.33 0.95 0.00
CRICKET___VALLEY_CC2 323757	21.84 0.69 -2.89	19.21 0.69 -1.12	18.66 0.68 -1.81	17.75 0.66 -1.78	18.42 0.74 0.00	19.66 0.80 -1.29	54.84 0.67 -38.95	24.85 1.04 -0.09	23.03 0.95 0.00	19.48 0.71 0.00	15.25 0.65 0.00	12.09 0.56 0.00	12.93 0.64 0.00	11.00 0.53 0.00	14.02 0.74 0.00	14.04 0.78 0.00	14.75 0.82 0.00	19.00 0.90 -3.53	20.58 0.56 -11.08	42.16 0.53 -33.05	78.09 0.00 -78.00	29.13 0.44 -21.14	21.48 0.90 -3.74	18.33 0.95 0.00
CRICKET___VALLEY_CC3 323758	21.84 0.69 -2.89	19.21 0.69 -1.12	18.66 0.68 -1.81	17.75 0.66 -1.78	18.42 0.74 0.00	19.66 0.80 -1.29	54.84 0.67 -38.95	24.85 1.04 -0.09	23.03 0.95 0.00	19.48 0.71 0.00	15.25 0.65 0.00	12.09 0.56 0.00	12.93 0.64 0.00	11.00 0.53 0.00	14.02 0.74 0.00	14.04 0.78 0.00	14.75 0.82 0.00	19.00 0.90 -3.53	20.58 0.56 -11.08	42.16 0.53 -33.05	78.09 0.00 -78.00	29.13 0.44 -21.14	21.48 0.90 -3.74	18.33 0.95 0.00
CRUCIBLE_METL_DRP 24180	18.47 -0.08 -0.29	17.42 -0.10 -0.11	16.31 -0.05 -0.18	15.43 -0.06 -0.18	17.63 -0.05 0.00	17.71 0.01 -0.13	19.14 -0.01 -3.93	23.61 -0.12 -0.01	21.98 -0.11 0.00	18.63 -0.13 0.00	14.50 -0.09 0.00	11.43 -0.10 0.00	12.18 -0.11 0.00	10.39 -0.09 0.00	13.17 -0.10 0.00	13.15 -0.11 0.00	13.81 -0.11 0.00	14.85 -0.09 -0.36	10.05 -0.03 -1.14	11.96 -0.02 -3.40	8.06 -0.01 -7.98	9.73 0.00 -2.17	17.12 -0.09 -0.38	17.31 0.00 0.07
DAHOWA___HYDRO 323763	22.61 0.80 -3.55	19.51 0.74 -1.37	19.11 0.71 -2.22	18.18 0.68 -2.19	18.47 0.79 0.00	20.00 0.85 -1.58	63.62 0.78 -47.63	24.84 1.01 -0.11	22.81 0.73 0.00	19.24 0.47 0.00	14.98 0.38 0.00	11.83 0.29 0.00	12.64 0.34 0.00	10.76 0.29 0.00	13.68 0.41 0.00	13.73 0.47 0.00	14.52 0.60 0.00	19.69 0.71 -4.41	23.25 0.48 -13.84	50.32 0.46 -41.28	97.08 -0.02 -97.01	34.99 0.37 -27.07	22.39 0.77 -4.79	18.12 0.74 0.00
DANC___LFGE 323619	17.80 -0.65 -0.19	16.87 -0.60 -0.07	15.88 -0.42 -0.12	14.90 -0.52 -0.12	17.18 -0.50 0.00	17.18 -0.48 -0.08	17.41 -0.35 -2.53	22.92 -0.81 -0.01	21.40 -0.69 0.00	18.10 -0.67 0.00	14.03 -0.57 0.00	11.03 -0.50 0.00	11.76 -0.54 0.00	9.99 -0.48 0.00	12.63 -0.65 0.00	12.51 -0.75 0.00	13.03 -0.89 0.00	13.96 -0.85 -0.24	9.31 -0.37 -0.75	10.46 -0.35 -2.23	5.30 -0.02 -5.23	7.45 -0.31 -0.20	14.03 -0.78 2.02	12.24 -0.84 4.29
DANSKAMMER___1 23586	22.04 1.06 -2.71	19.47 1.02 -1.05	18.86 0.98 -1.70	17.92 0.94 -1.67	18.75 1.07 0.00	19.91 1.13 -1.21	52.53 0.99 -36.32	25.37 1.57 -0.08	23.52 1.44 0.00	19.93 1.16 0.00	15.58 0.99 0.00	12.35 0.82 0.00	13.22 0.92 0.00	11.25 0.78 0.00	14.34 1.06 0.00	14.36 1.10 0.00	15.05 1.13 0.00	19.10 1.22 -3.30	20.08 0.76 -10.38	40.26 0.73 -30.95	73.08 0.01 -72.98	27.86 0.62 -19.69	21.61 1.30 -3.48	18.75 1.38 0.00
DANSKAMMER___2 23589	22.04 1.06 -2.71	19.47 1.02 -1.05	18.86 0.98 -1.70	17.92 0.94 -1.67	18.75 1.07 0.00	19.91 1.13 -1.21	52.53 0.99 -36.32	25.37 1.57 -0.08	23.52 1.44 0.00	19.93 1.16 0.00	15.58 0.99 0.00	12.35 0.82 0.00	13.22 0.92 0.00	11.25 0.78 0.00	14.34 1.06 0.00	14.36 1.10 0.00	15.05 1.13 0.00	19.10 1.22 -3.30	20.08 0.76 -10.38	40.26 0.73 -30.95	73.08 0.01 -72.98	27.86 0.62 -19.69	21.61 1.30 -3.48	18.75 1.38 0.00
DANSKAMMER___3 23590	22.04 1.06 -2.71	19.47 1.02 -1.05	18.86 0.98 -1.70	17.92 0.94 -1.67	18.75 1.07 0.00	19.91 1.13 -1.21	52.53 0.99 -36.32	25.37 1.57 -0.08	23.52 1.44 0.00	19.93 1.16 0.00	15.58 0.99 0.00	12.35 0.82 0.00	13.22 0.92 0.00	11.25 0.78 0.00	14.34 1.06 0.00	14.36 1.10 0.00	15.05 1.13 0.00	19.10 1.22 -3.30	20.08 0.76 -10.38	40.26 0.73 -30.95	73.08 0.01 -72.98	27.86 0.62 -19.69	21.61 1.30 -3.48	18.75 1.38 0.00
DANSKAMMER___4 23591	22.04 1.06 -2.71	19.47 1.02 -1.05	18.86 0.98 -1.70	17.92 0.94 -1.67	18.75 1.07 0.00	19.91 1.13 -1.21	52.53 0.99 -36.32	25.37 1.57 -0.08	23.52 1.44 0.00	19.93 1.16 0.00	15.58 0.99 0.00	12.35 0.82 0.00	13.22 0.92 0.00	11.25 0.78 0.00	14.34 1.06 0.00	14.36 1.10 0.00	15.05 1.13 0.00	19.10 1.22 -3.30	20.08 0.76 -10.38	40.26 0.73 -30.95	73.08 0.01 -72.98	27.86 0.62 -19.69	21.61 1.30 -3.48	18.75 1.38 0.00
DANSKAMMER___DIESEL 23592	22.04 1.06 -2.71	19.47 1.02 -1.04	18.86 0.98 -1.70	17.92 0.94 -1.67	18.74 1.07 0.00	19.91 1.13 -1.21	52.52 0.99 -36.31	25.37 1.56 -0.08	23.53 1.44 0.00	19.92 1.16 0.00	15.59 0.99 0.00	12.35 0.82 0.00	13.22 0.92 0.00	11.25 0.78 0.00	14.34 1.06 0.00	14.36 1.10 0.00	15.05 1.13 0.00	19.10 1.23 -3.30	20.08 0.76 -10.38	40.26 0.73 -30.95	73.08 0.01 -72.98	27.86 0.62 -19.69	21.61 1.30 -3.48	18.75 1.38 0.00
DARBY___SOLAR 323810	22.60 0.80 -3.54	19.51 0.74 -1.38	19.10 0.71 -2.21	18.16 0.67 -2.18	18.46 0.78 0.00	19.98 0.83 -1.59	63.48 0.76 -47.50	24.85 1.02 -0.11	22.83 0.74 0.00	19.28 0.51 0.00	15.01 0.41 0.00	11.86 0.33 0.00	12.67 0.38 0.00	10.79 0.32 0.00	13.71 0.44 0.00	13.75 0.49 0.00	14.54 0.61 0.00	19.68 0.71 -4.39	23.20 0.47 -13.79	50.16 0.45 -41.13	96.74 -0.02 -96.67	34.91 0.36 -27.00	22.37 0.76 -4.78	18.12 0.75 0.00
DASHVILLE___HYD 23610	21.93 0.95 -2.71	19.38 0.94 -1.04	18.77 0.88 -1.70	17.83 0.84 -1.68	18.69 1.02 0.00	19.81 1.04 -1.20	52.50 0.88 -36.40	25.30 1.50 -0.08	23.55 1.46 0.00	19.96 1.19 0.00	15.62 1.02 0.00	12.40 0.86 0.00	13.28 0.98 0.00	11.30 0.83 0.00	14.41 1.14 0.00	14.42 1.16 0.00	15.08 1.15 0.00	19.11 1.21 -3.33	20.14 0.72 -10.48	40.53 0.70 -31.25	73.71 0.02 -73.60	28.23 0.62 -20.06	21.69 1.31 -3.55	18.86 1.49 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	41.89 1.90 -21.73	20.27 1.82 -1.04	20.81 1.78 -2.86	18.63 1.64 -1.69	19.58 1.90 0.00	20.60 1.82 -1.21	54.07 1.82 -37.03	26.35 2.54 -0.09	24.34 2.25 0.00	21.76 1.88 -1.12	28.76 1.61 -12.55	14.89 1.30 -2.06	23.83 1.44 -10.10	37.98 1.17 -26.34	26.28 1.49 -11.52	27.35 1.55 -12.53	38.70 1.63 -23.14	20.01 1.76 -3.67	23.80 1.14 -13.72	56.93 1.10 -47.25	77.23 0.03 -77.11	33.35 1.00 -24.80	23.17 2.17 -4.16	19.45 2.08 0.00
DELAWARE___LFGE 323621	19.83 0.60 -0.97	18.40 0.58 -0.42	17.33 0.56 -0.59	16.39 0.50 -0.58	18.27 0.60 0.00	18.65 0.64 -0.44	28.50 0.56 -12.72	24.57 0.82 -0.04	22.82 0.73 0.00	19.35 0.58 0.00	15.07 0.48 0.00	11.91 0.38 0.00	12.69 0.40 0.00	10.81 0.34 0.00	13.70 0.42 0.00	13.68 0.42 0.00	14.35 0.43 0.00	16.26 0.50 -1.18	12.96 0.34 -3.69	19.89 0.33 -10.99	25.89 0.01 -25.80	14.89 0.29 -7.05	18.66 0.59 -1.25	18.03 0.66 0.00
DERFIELD_115KV_TB7 355931	18.30 0.00 -0.03	17.41 0.01 -0.01	16.22 0.02 -0.02	15.34 0.01 -0.02	17.69 0.02 0.00	17.61 0.03 -0.01	15.71 0.03 -0.46	23.72 0.00 0.00	22.08 -0.01 0.00	18.73 -0.04 0.00	14.58 -0.02 0.00	11.52 -0.01 0.00	12.29 0.00 0.00	10.47 -0.01 0.00	13.26 -0.01 0.00	13.25 -0.01 0.00	13.91 -0.01 0.00	14.57 0.00 0.00	8.95 0.01 0.00	8.59 0.01 0.00	0.09 0.00 0.00	7.98 0.01 -0.42	17.61 0.00 -0.79	18.73 0.02 -1.34
DOGLEVILLE___HYD 23807	18.19 -0.07 0.00	17.34 -0.06 0.00	16.15 -0.03 0.00	15.29 -0.02 0.00	17.58 -0.10 0.00	17.51 -0.06 0.00	15.17 -0.05 0.00	23.54 -0.17 0.00	21.57 -0.51 0.00	18.10 -0.67 0.00	14.10 -0.50 0.00	11.18 -0.35 0.00	11.93 -0.36 0.00	10.12 -0.35 0.00	12.85 -0.42 0.00	12.88 -0.38 0.00	13.61 -0.32 0.00	14.24 -0.33 0.00	8.83 -0.11 0.00	8.49 -0.08 0.00	0.08 -0.01 0.00	7.93 -0.04 -0.42	17.49 -0.13 -0.79	18.53 -0.18 -1.34
DUNKIRK___115KV_TB_200 55889	19.48 0.78 -0.43	18.26 0.69 -0.17	17.28 0.83 -0.27	16.31 0.74 -0.27	18.63 0.95 0.00	18.72 0.97 -0.18	21.68 0.67 -5.79	24.36 0.63 -0.01	22.91 0.83 0.00	19.59 0.82 0.00	15.24 0.64 0.00	12.02 0.49 0.00	12.71 0.42 0.00	10.95 0.47 0.00	13.66 0.39 0.00	13.62 0.36 0.00	14.25 0.33 0.00	15.37 0.25 -0.54	10.81 0.18 -1.70	13.77 0.14 -5.06	11.90 -0.05 -11.86	11.05 0.27 -3.23	17.79 0.39 -0.57	18.32 0.95 0.00
DUNKIRK___1 23563	19.48 0.78 -0.43	18.26 0.69 -0.17	17.28 0.83 -0.27	16.31 0.74 -0.27	18.63 0.95 0.00	18.72 0.97 -0.18	21.68 0.67 -5.79	24.36 0.63 -0.01	22.91 0.83 0.00	19.59 0.82 0.00	15.24 0.64 0.00	12.02 0.49 0.00	12.71 0.42 0.00	10.95 0.47 0.00	13.66 0.39 0.00	13.62 0.36 0.00	14.25 0.33 0.00	15.37 0.25 -0.54	10.81 0.18 -1.70	13.77 0.14 -5.06	11.90 -0.05 -11.86	11.05 0.27 -3.23	17.79 0.39 -0.57	18.32 0.95 0.00
DUNKIRK___2 23564	19.48 0.78 -0.43	18.26 0.69 -0.17	17.28 0.83 -0.27	16.31 0.74 -0.27	18.63 0.95 0.00	18.72 0.97 -0.18	21.68 0.67 -5.79	24.36 0.63 -0.01	22.91 0.83 0.00	19.59 0.82 0.00	15.24 0.64 0.00	12.02 0.49 0.00	12.71 0.42 0.00	10.95 0.47 0.00	13.66 0.39 0.00	13.62 0.36 0.00	14.25 0.33 0.00	15.37 0.25 -0.54	10.81 0.18 -1.70	13.77 0.14 -5.06	11.90 -0.05 -11.86	11.05 0.27 -3.23	17.79 0.39 -0.57	18.32 0.95 0.00
DUNKIRK___3 23565	19.35 0.66 -0.43	18.14 0.57 -0.17	17.16 0.72 -0.27	16.21 0.63 -0.27	18.51 0.83 0.00	18.59 0.84 -0.18	21.52 0.55 -5.76	24.17 0.43 -0.01	22.72 0.63 0.00	19.43 0.67 0.00	15.12 0.53 0.00	11.94 0.41 0.00	12.62 0.33 0.00	10.88 0.40 0.00	13.59 0.32 0.00	13.54 0.28 0.00	14.16 0.23 0.00	15.27 0.16 -0.54	10.74 0.12 -1.69	13.68 0.07 -5.03	11.84 -0.05 -11.80	10.97 0.21 -3.21	17.66 0.27 -0.57	18.20 0.83 0.00
DUNKIRK___4 23566	19.35 0.66 -0.43	18.14 0.57 -0.17	17.16 0.72 -0.27	16.21 0.63 -0.27	18.51 0.83 0.00	18.59 0.84 -0.18	21.52 0.55 -5.76	24.17 0.43 -0.01	22.72 0.63 0.00	19.43 0.67 0.00	15.12 0.53 0.00	11.94 0.41 0.00	12.62 0.33 0.00	10.88 0.40 0.00	13.59 0.32 0.00	13.54 0.28 0.00	14.16 0.23 0.00	15.27 0.16 -0.54	10.74 0.12 -1.69	13.68 0.07 -5.03	11.84 -0.05 -11.80	10.97 0.21 -3.21	17.66 0.27 -0.57	18.20 0.83 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.97 0.98 -2.72	19.39 0.95 -1.04	18.81 0.92 -1.71	17.88 0.88 -1.69	18.66 0.98 0.00	19.80 1.02 -1.21	53.16 0.91 -37.03	25.27 1.46 -0.09	23.47 1.38 0.00	19.91 1.15 0.00	15.61 1.02 0.00	12.39 0.86 0.00	13.27 0.97 0.00	11.30 0.82 0.00	14.39 1.12 0.00	14.40 1.14 0.00	15.05 1.13 0.00	19.14 1.20 -3.37	20.24 0.73 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.15 0.58 -20.02	21.61 1.24 -3.54	18.70 1.33 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.86 0.97 -2.62	19.34 0.94 -1.00	18.74 0.92 -1.65	17.80 0.87 -1.62	18.66 0.98 0.00	19.77 1.04 -1.16	51.08 0.91 -34.95	25.24 1.44 -0.08	23.41 1.33 0.00	19.83 1.06 0.00	15.51 0.91 0.00	12.30 0.77 0.00	13.16 0.86 0.00	11.21 0.73 0.00	14.27 1.00 0.00	14.29 1.03 0.00	14.97 1.04 0.00	18.89 1.13 -3.18	19.65 0.71 -10.00	39.08 0.68 -29.83	70.41 0.01 -70.31	27.10 0.57 -18.98	21.39 1.20 -3.36	18.67 1.30 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.93 0.94 -2.72	19.45 1.01 -1.04	18.87 0.99 -1.71	17.93 0.94 -1.69	18.72 1.04 0.00	19.85 1.08 -1.21	53.20 0.95 -37.03	25.34 1.53 -0.09	23.57 1.48 0.00	20.01 1.25 0.00	15.69 1.09 0.00	12.45 0.92 0.00	13.34 1.05 0.00	11.37 0.89 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.10 1.18 0.00	19.15 1.21 -3.37	20.27 0.76 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.17 0.59 -20.02	21.67 1.29 -3.54	18.77 1.40 0.00
E179THST_13_KV_LOAD 356214	22.00 1.01 -2.72	19.51 1.07 -1.04	18.93 1.04 -1.71	17.98 0.99 -1.69	18.78 1.10 0.00	19.92 1.14 -1.21	53.25 1.01 -37.03	25.43 1.63 -0.09	23.66 1.57 0.00	20.09 1.33 0.00	15.75 1.15 0.00	12.50 0.97 0.00	13.39 1.10 0.00	11.41 0.94 0.00	14.53 1.26 0.00	14.53 1.27 0.00	15.17 1.24 0.00	19.21 1.28 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.01 -74.36	28.21 0.63 -20.02	21.74 1.37 -3.54	18.84 1.47 0.00
EAST HAMPTON___GT 23717	42.10 2.10 -21.74	20.46 2.00 -1.06	20.98 1.95 -2.86	18.80 1.81 -1.69	19.78 2.10 0.00	20.82 2.04 -1.22	54.27 2.01 -37.04	26.59 2.78 -0.09	24.63 2.54 0.00	21.94 2.06 -1.12	28.91 1.76 -12.55	15.02 1.43 -2.06	23.95 1.56 -10.10	38.07 1.26 -26.34	26.41 1.61 -11.52	27.48 1.68 -12.53	38.84 1.78 -23.14	20.17 1.92 -3.67	23.90 1.25 -13.72	57.03 1.20 -47.25	77.23 0.03 -77.11	33.49 1.14 -24.80	23.35 2.36 -4.16	19.60 2.23 0.00
EAST RIVER___6 23660	22.00 1.00 -2.73	19.43 0.98 -1.06	18.85 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.86 1.07 -1.22	53.21 0.96 -37.04	25.36 1.56 -0.09	23.60 1.51 0.00	20.06 1.29 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.41 1.12 0.00	11.42 0.94 0.00	14.56 1.29 0.00	14.57 1.31 0.00	15.19 1.26 0.00	19.25 1.32 -3.37	20.29 0.79 -10.57	40.85 0.74 -31.53	74.46 0.01 -74.36	28.19 0.61 -20.02	21.69 1.32 -3.54	18.78 1.40 0.00

EAST RIVER___7 23524	22.00 1.00 -2.73	19.43 0.98 -1.06	18.85 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.86 1.07 -1.22	53.21 0.96 -37.04	25.36 1.56 -0.09	23.60 1.51 0.00	20.06 1.29 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.41 1.12 0.00	11.42 0.94 0.00	14.56 1.29 0.00	14.57 1.31 0.00	15.19 1.26 0.00	19.25 1.32 -3.37	20.29 0.79 -10.57	40.85 0.74 -31.53	74.46 0.01 -74.36	28.19 0.61 -20.02	21.69 1.32 -3.54	18.78 1.40 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.94 0.96 -2.72	19.37 0.93 -1.04	18.79 0.91 -1.71	17.85 0.87 -1.68	18.65 0.97 0.00	19.78 1.01 -1.21	53.11 0.90 -36.99	25.23 1.43 -0.09	23.43 1.35 0.00	19.88 1.11 0.00	15.58 0.99 0.00	12.36 0.83 0.00	13.24 0.94 0.00	11.27 0.80 0.00	14.36 1.08 0.00	14.37 1.11 0.00	15.02 1.10 0.00	19.10 1.17 -3.36	20.21 0.72 -10.56	40.76 0.68 -31.50	74.38 0.01 -74.28	28.12 0.57 -20.00	21.58 1.21 -3.54	18.67 1.30 0.00
EAST_HAMPTON___DIESEL 23722	42.10 2.10 -21.74	20.46 2.01 -1.06	20.99 1.96 -2.86	18.81 1.82 -1.69	19.78 2.10 0.00	20.83 2.04 -1.22	54.28 2.02 -37.04	26.60 2.80 -0.09	24.64 2.55 0.00	21.95 2.07 -1.12	28.91 1.76 -12.55	15.02 1.43 -2.06	23.95 1.56 -10.10	38.07 1.26 -26.34	26.41 1.62 -11.52	27.48 1.69 -12.53	38.85 1.78 -23.14	20.17 1.93 -3.67	23.91 1.25 -13.72	57.03 1.20 -47.25	77.23 0.03 -77.11	33.50 1.14 -24.80	23.35 2.36 -4.16	19.60 2.23 0.00
EAST_PULASKI___ESR 323781	18.01 -0.47 -0.22	17.03 -0.45 -0.08	15.98 -0.33 -0.14	15.07 -0.38 -0.13	17.30 -0.38 0.00	17.31 -0.35 -0.09	17.84 -0.31 -2.92	23.07 -0.65 -0.01	21.48 -0.61 0.00	18.20 -0.57 0.00	14.15 -0.45 0.00	11.16 -0.37 0.00	11.89 -0.41 0.00	10.12 -0.36 0.00	12.80 -0.47 0.00	12.74 -0.52 0.00	13.34 -0.59 0.00	14.29 -0.56 -0.27	9.54 -0.26 -0.87	10.91 -0.25 -2.58	6.12 -0.02 -6.05	8.37 -0.19 -1.01	15.43 -0.51 0.89	14.67 -0.48 2.22
EAST_RIVER___1 323558	21.99 0.99 -2.73	19.44 0.98 -1.06	18.85 0.96 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.84 1.06 -1.22	53.20 0.94 -37.04	25.33 1.52 -0.09	23.57 1.48 0.00	20.02 1.26 0.00	15.71 1.11 0.00	12.48 0.94 0.00	13.36 1.07 0.00	11.38 0.91 0.00	14.50 1.23 0.00	14.50 1.24 0.00	15.12 1.20 0.00	19.20 1.26 -3.37	20.27 0.76 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.67 1.29 -3.54	18.76 1.39 0.00
EAST_RIVER___2 323559	22.00 1.00 -2.73	19.43 0.98 -1.06	18.85 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.86 1.07 -1.22	53.21 0.96 -37.04	25.36 1.56 -0.09	23.60 1.51 0.00	20.06 1.29 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.41 1.12 0.00	11.42 0.94 0.00	14.56 1.29 0.00	14.57 1.31 0.00	15.19 1.26 0.00	19.25 1.32 -3.37	20.29 0.79 -10.57	40.85 0.74 -31.53	74.46 0.01 -74.36	28.19 0.61 -20.02	21.69 1.32 -3.54	18.78 1.40 0.00
EAST___DELAWARE_HYD 23607	21.79 1.31 -2.22	19.78 1.52 -0.86	19.01 1.45 -1.39	17.95 1.27 -1.37	19.14 1.46 0.00	20.00 1.44 -0.99	46.00 1.21 -29.57	25.82 2.03 -0.07	24.02 1.94 0.00	20.39 1.62 0.00	15.87 1.28 0.00	12.52 0.98 0.00	13.12 0.83 0.00	11.18 0.71 0.00	14.24 0.96 0.00	14.25 0.99 0.00	14.95 1.03 0.00	18.46 1.18 -2.70	18.38 0.94 -8.51	34.85 0.89 -25.38	59.87 0.01 -59.77	24.52 0.75 -16.22	21.37 1.67 -2.87	19.28 1.91 0.00
EIGHT_POINT___WT_PWR 323820	19.50 0.72 -0.52	18.25 0.66 -0.20	17.29 0.79 -0.32	16.35 0.73 -0.32	18.59 0.92 0.00	18.77 0.97 -0.23	22.89 0.77 -6.90	24.64 0.90 -0.02	22.87 0.78 0.00	19.37 0.60 0.00	15.06 0.46 0.00	11.94 0.41 0.00	12.71 0.42 0.00	10.92 0.45 0.00	13.74 0.47 0.00	13.71 0.45 0.00	14.31 0.38 0.00	15.57 0.35 -0.65	11.25 0.29 -2.02	14.85 0.24 -6.03	14.22 -0.03 -14.16	11.66 0.26 -3.86	17.93 0.41 -0.68	18.16 0.78 0.00
ELBRIDGE_115KV_TB2 80188	18.45 -0.12 -0.30	17.39 -0.12 -0.12	16.27 -0.09 -0.19	15.41 -0.09 -0.19	17.59 -0.09 0.00	17.69 -0.01 -0.13	19.29 -0.03 -4.11	23.57 -0.16 -0.01	21.92 -0.16 0.00	18.59 -0.18 0.00	14.48 -0.12 0.00	11.41 -0.12 0.00	12.15 -0.14 0.00	10.36 -0.11 0.00	13.15 -0.12 0.00	13.12 -0.14 0.00	13.79 -0.13 0.00	14.85 -0.11 -0.38	10.08 -0.05 -1.20	12.10 -0.04 -3.57	8.44 -0.02 -8.37	9.82 -0.02 -2.28	17.10 -0.14 -0.40	17.34 -0.04 0.00
ELEC_TRO_TEK 24086	41.28 1.29 -21.73	19.67 1.23 -1.04	20.08 1.21 -2.70	18.10 1.11 -1.69	18.94 1.26 0.00	19.98 1.21 -1.21	53.41 1.16 -37.03	25.49 1.68 -0.09	23.67 1.59 0.00	21.24 1.36 -1.12	28.37 1.23 -12.55	14.61 1.02 -2.06	23.54 1.15 -10.10	37.76 0.95 -26.34	26.05 1.26 -11.52	27.07 1.28 -12.53	38.34 1.27 -23.14	19.57 1.33 -3.67	23.50 0.84 -13.72	56.63 0.80 -47.25	77.22 0.02 -77.11	33.05 0.70 -24.80	22.54 1.54 -4.16	18.93 1.56 0.00
ELLENBURG_WT_PWR 323604	18.46 0.20 0.00	17.48 0.08 0.00	16.05 -0.13 0.00	15.16 -0.14 0.00	17.42 -0.26 0.00	17.21 -0.36 0.00	14.99 -0.23 0.00	23.66 -0.06 0.00	22.18 0.09 0.00	18.88 0.11 0.00	14.34 -0.26 0.00	11.14 -0.39 0.00	11.74 -0.55 0.00	10.04 -0.44 0.00	12.74 -0.53 0.00	12.71 -0.55 0.00	13.33 -0.59 0.00	13.98 -0.60 0.00	8.56 -0.38 0.00	8.23 -0.34 0.00	0.05 -0.04 0.00	-3.05 -0.43 10.18	-2.82 -0.76 18.90	-11.54 -0.97 27.94
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.80 0.11 -0.42	17.63 0.07 -0.17	16.70 0.26 -0.26	15.76 0.19 -0.26	17.99 0.31 0.00	18.03 0.29 -0.17	20.88 0.04 -5.62	23.35 -0.38 -0.01	21.93 -0.15 0.00	18.80 0.04 0.00	14.66 0.07 0.00	11.57 0.04 0.00	12.24 -0.05 0.00	10.56 0.08 0.00	13.24 -0.03 0.00	13.18 -0.08 0.00	13.75 -0.18 0.00	14.81 -0.28 -0.52	10.43 -0.15 -1.65	13.28 -0.20 -4.91	11.56 -0.05 -11.52	10.63 -0.05 -3.14	17.12 -0.27 -0.55	17.68 0.31 0.00
EMPIRE_CC_1 323656	22.08 0.53 -3.29	19.19 0.52 -1.27	18.75 0.51 -2.06	17.82 0.48 -2.03	18.16 0.48 0.00	19.52 0.49 -1.46	59.83 0.42 -44.19	24.42 0.59 -0.10	22.51 0.43 0.00	19.04 0.27 0.00	14.81 0.21 0.00	11.69 0.16 0.00	12.49 0.19 0.00	10.62 0.15 0.00	13.58 0.31 0.00	13.64 0.39 0.00	14.39 0.47 0.00	18.90 0.49 -3.84	21.34 0.33 -12.07	44.89 0.30 -36.01	85.79 -0.04 -85.74	33.21 0.19 -25.47	21.74 0.40 -4.51	17.82 0.44 0.00
EMPIRE_CC_2 323658	22.08 0.53 -3.29	19.19 0.52 -1.27	18.75 0.51 -2.06	17.82 0.48 -2.03	18.16 0.48 0.00	19.52 0.49 -1.46	59.83 0.42 -44.19	24.42 0.59 -0.10	22.51 0.43 0.00	19.04 0.27 0.00	14.81 0.21 0.00	11.69 0.16 0.00	12.49 0.19 0.00	10.62 0.15 0.00	13.58 0.31 0.00	13.64 0.39 0.00	14.39 0.47 0.00	18.90 0.49 -3.84	21.34 0.33 -12.07	44.89 0.30 -36.01	85.79 -0.04 -85.74	33.21 0.19 -25.47	21.74 0.40 -4.51	17.82 0.44 0.00
ENORWICH_115KV_TB1 80156	20.32 1.32 -0.74	18.95 1.25 -0.30	17.86 1.22 -0.46	16.90 1.14 -0.45	19.07 1.39 0.00	19.34 1.45 -0.33	26.40 1.32 -9.86	26.41 2.65 -0.04	24.44 2.35 0.00	20.51 1.74 0.00	15.69 1.10 0.00	12.36 0.83 0.00	13.09 0.79 0.00	11.12 0.65 0.00	14.06 0.79 0.00	14.08 0.82 0.00	14.85 0.92 0.00	16.36 0.83 -0.96	12.46 0.68 -2.85	17.76 0.68 -8.50	20.03 0.00 -19.94	13.62 0.63 -5.44	19.00 1.21 -0.96	18.62 1.25 0.00

ERIE_ST__34_KV_TB1-2 80199	19.11 0.41 -0.44	17.91 0.34 -0.17	16.93 0.48 -0.27	15.98 0.41 -0.27	18.26 0.58 0.00	18.31 0.56 -0.18	21.35 0.27 -5.86	23.80 0.06 -0.01	22.36 0.28 0.00	19.15 0.38 0.00	14.92 0.33 0.00	11.78 0.25 0.00	12.47 0.18 0.00	10.76 0.29 0.00	13.50 0.23 0.00	13.44 0.18 0.00	14.03 0.10 0.00	15.12 0.00 -0.55	10.66 0.01 -1.72	13.65 -0.04 -5.12	12.06 -0.05 -12.01	10.90 0.08 -3.27	17.44 0.04 -0.58	18.00 0.63 0.00
ERIE_WT_PWR 323693	18.95 0.26 -0.43	17.76 0.20 -0.17	16.82 0.38 -0.27	15.87 0.30 -0.26	18.12 0.44 0.00	18.18 0.42 -0.19	21.13 0.16 -5.75	23.57 -0.16 -0.01	22.10 0.01 0.00	18.96 0.20 0.00	14.78 0.19 0.00	11.66 0.13 0.00	12.34 0.05 0.00	10.65 0.17 0.00	13.35 0.08 0.00	13.28 0.03 0.00	13.86 -0.06 0.00	14.95 -0.16 -0.54	10.54 -0.08 -1.68	13.47 -0.13 -5.02	11.82 -0.05 -11.78	10.76 0.00 -3.21	17.26 -0.14 -0.57	17.85 0.48 0.00
ESPRGFLD_115KV_TB1 80157	18.73 1.09 0.63	18.22 1.04 0.22	16.74 0.97 0.41	15.79 0.89 0.40	18.78 1.10 0.00	18.47 1.18 0.27	7.68 1.05 8.59	25.30 1.60 0.02	23.56 1.47 0.00	20.05 1.29 0.00	15.58 0.98 0.00	12.28 0.74 0.00	13.03 0.74 0.00	11.09 0.62 0.00	14.02 0.75 0.00	13.97 0.71 0.00	14.62 0.69 0.00	14.49 0.77 0.85	6.77 0.52 2.68	1.12 0.53 7.99	-18.48 0.02 18.59	3.23 0.51 4.83	17.01 1.04 0.85	18.46 1.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.25 0.43 -0.56	18.00 0.38 -0.22	16.92 0.40 -0.35	16.01 0.36 -0.34	18.12 0.44 0.00	18.32 0.51 -0.24	23.10 0.43 -7.44	24.21 0.48 -0.02	22.46 0.38 0.00	18.97 0.20 0.00	14.73 0.13 0.00	11.62 0.08 0.00	12.36 0.07 0.00	10.55 0.08 0.00	13.37 0.10 0.00	13.35 0.09 0.00	14.04 0.12 0.00	15.49 0.23 -0.69	11.33 0.21 -2.18	15.29 0.22 -6.50	15.33 -0.01 -15.24	11.92 0.22 -4.15	17.93 0.36 -0.73	17.84 0.47 0.00
ETNA____115KV_TB2 80207	19.25 0.43 -0.56	18.00 0.38 -0.22	16.92 0.40 -0.35	16.01 0.36 -0.34	18.12 0.44 0.00	18.32 0.51 -0.24	23.10 0.43 -7.44	24.21 0.48 -0.02	22.46 0.38 0.00	18.97 0.20 0.00	14.73 0.13 0.00	11.62 0.08 0.00	12.36 0.07 0.00	10.55 0.08 0.00	13.37 0.10 0.00	13.35 0.09 0.00	14.04 0.12 0.00	15.49 0.23 -0.69	11.33 0.21 -2.18	15.29 0.22 -6.50	15.33 -0.01 -15.24	11.92 0.22 -4.15	17.93 0.36 -0.73	17.84 0.47 0.00
EUCLID__115KV_TB2 356179	18.17 -0.33 -0.24	17.16 -0.33 -0.09	16.08 -0.25 -0.15	15.20 -0.26 -0.15	17.40 -0.28 0.00	17.43 -0.24 -0.10	18.27 -0.24 -3.29	23.25 -0.47 -0.01	21.66 -0.43 0.00	18.39 -0.38 0.00	14.31 -0.29 0.00	11.30 -0.23 0.00	12.03 -0.26 0.00	10.26 -0.21 0.00	13.00 -0.27 0.00	12.98 -0.28 0.00	13.61 -0.31 0.00	14.57 -0.31 -0.31	9.74 -0.16 -0.96	11.29 -0.16 -2.87	6.82 -0.01 -6.74	9.27 -0.12 -1.84	16.81 -0.34 -0.32	17.03 -0.25 0.09
E_CANADA_CAP_HY 24051	23.85 1.29 -4.29	20.28 1.22 -1.66	19.99 1.13 -2.69	18.99 1.04 -2.65	18.98 1.30 0.00	20.83 1.35 -1.91	74.00 1.21 -57.58	25.64 1.79 -0.13	23.70 1.61 0.00	20.16 1.39 0.00	15.63 1.04 0.00	12.31 0.78 0.00	13.05 0.76 0.00	11.11 0.64 0.00	14.05 0.78 0.00	13.98 0.72 0.00	14.64 0.72 0.00	20.78 0.83 -5.38	26.39 0.56 -16.89	59.55 0.59 -50.38	118.27 0.03 -118.16	40.70 0.56 -32.58	23.76 1.16 -5.77	18.56 1.19 0.00
E_CANADA_MHWK_HY 24050	18.19 -0.07 0.00	17.34 -0.06 0.00	16.15 -0.03 0.00	15.29 -0.02 0.00	17.58 -0.10 0.00	17.51 -0.06 0.00	15.17 -0.05 0.00	23.54 -0.17 0.00	21.57 -0.51 0.00	18.10 -0.67 0.00	14.10 -0.50 0.00	11.18 -0.35 0.00	11.93 -0.36 0.00	10.12 -0.35 0.00	12.85 -0.42 0.00	12.88 -0.38 0.00	13.61 -0.32 0.00	14.24 -0.33 0.00	8.83 -0.11 0.00	8.49 -0.08 0.00	0.08 -0.01 0.00	7.93 -0.04 -0.42	17.49 -0.13 -0.79	18.53 -0.18 -1.34
E_FISHKILL__LBMP 23776	21.89 0.85 -2.78	19.29 0.83 -1.06	18.73 0.81 -1.74	17.80 0.78 -1.72	18.54 0.87 0.00	19.71 0.91 -1.23	53.48 0.80 -37.46	25.07 1.26 -0.09	23.25 1.17 0.00	19.71 0.94 0.00	15.43 0.84 0.00	12.24 0.71 0.00	13.10 0.80 0.00	11.15 0.68 0.00	14.20 0.93 0.00	14.21 0.95 0.00	14.88 0.96 0.00	19.01 1.03 -3.40	20.27 0.64 -10.69	41.08 0.61 -31.90	75.31 0.00 -75.22	28.32 0.51 -20.26	21.50 1.08 -3.59	18.53 1.16 0.00
FALCON__SEABRD_CC1 323796	18.93 0.67 0.00	17.93 0.53 0.00	16.47 0.30 0.00	15.56 0.26 0.00	17.85 0.17 0.00	17.65 0.08 0.00	15.37 0.15 0.00	24.22 0.50 0.00	22.67 0.59 0.00	19.29 0.52 0.00	14.63 0.04 0.00	11.37 -0.16 0.00	11.98 -0.31 0.00	10.23 -0.24 0.00	13.04 -0.23 0.00	13.02 -0.24 0.00	13.66 -0.26 0.00	14.33 -0.25 0.00	8.76 -0.17 0.00	8.42 -0.16 0.00	0.03 -0.06 0.00	-2.84 -0.25 10.14	-2.36 -0.37 18.82	-11.08 -0.61 27.84
FALCON__SEABRD_CC2 323797	18.93 0.67 0.00	17.93 0.53 0.00	16.47 0.30 0.00	15.56 0.26 0.00	17.85 0.17 0.00	17.65 0.08 0.00	15.37 0.15 0.00	24.22 0.50 0.00	22.67 0.59 0.00	19.29 0.52 0.00	14.63 0.04 0.00	11.37 -0.16 0.00	11.98 -0.31 0.00	10.23 -0.24 0.00	13.04 -0.23 0.00	13.02 -0.24 0.00	13.66 -0.26 0.00	14.33 -0.25 0.00	8.76 -0.17 0.00	8.42 -0.16 0.00	0.03 -0.06 0.00	-2.84 -0.25 10.14	-2.36 -0.37 18.82	-11.08 -0.61 27.84
FAR ROCKAWAY__4 23548	41.50 1.51 -21.73	19.88 1.44 -1.04	20.30 1.39 -2.73	18.27 1.28 -1.69	19.14 1.46 0.00	20.16 1.38 -1.21	53.56 1.30 -37.03	25.69 1.88 -0.09	23.89 1.80 0.00	21.42 1.54 -1.12	28.49 1.34 -12.55	14.62 1.03 -2.06	23.65 1.26 -10.10	37.85 1.05 -26.34	26.17 1.37 -11.52	27.19 1.40 -12.53	38.48 1.41 -23.14	19.62 1.37 -3.67	23.52 0.86 -13.72	56.65 0.82 -47.25	77.22 0.02 -77.11	33.09 0.73 -24.80	22.71 1.71 -4.16	19.13 1.76 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.98 0.99 -2.72	19.43 0.98 -1.04	18.86 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.84 1.06 -1.21	53.19 0.95 -37.03	25.33 1.52 -0.09	23.57 1.48 0.00	20.02 1.25 0.00	15.70 1.11 0.00	12.47 0.94 0.00	13.35 1.06 0.00	11.37 0.90 0.00	14.49 1.22 0.00	14.50 1.24 0.00	15.12 1.19 0.00	19.19 1.25 -3.37	20.27 0.76 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.17 0.59 -20.02	21.67 1.29 -3.54	18.76 1.39 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.99 1.01 -2.72	19.44 0.99 -1.04	18.86 0.98 -1.71	17.93 0.94 -1.69	18.72 1.04 0.00	19.85 1.07 -1.21	53.20 0.95 -37.03	25.34 1.54 -0.09	23.58 1.50 0.00	20.03 1.26 0.00	15.71 1.12 0.00	12.48 0.94 0.00	13.36 1.07 0.00	11.38 0.90 0.00	14.50 1.23 0.00	14.51 1.25 0.00	15.12 1.20 0.00	19.20 1.27 -3.37	20.27 0.76 -10.57	40.84 0.73 -31.53	74.46 0.01 -74.36	28.17 0.60 -20.02	21.68 1.31 -3.54	18.77 1.40 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.98 0.99 -2.72	19.42 0.98 -1.04	18.85 0.96 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.84 1.06 -1.21	53.19 0.95 -37.03	25.32 1.52 -0.09	23.56 1.48 0.00	20.01 1.25 0.00	15.70 1.11 0.00	12.47 0.94 0.00	13.35 1.06 0.00	11.37 0.90 0.00	14.49 1.22 0.00	14.50 1.24 0.00	15.12 1.19 0.00	19.19 1.25 -3.37	20.27 0.76 -10.57	40.83 0.72 -31.53	74.46 0.02 -74.36	28.17 0.59 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00

FARRAGUT___LBMP 323566	21.96 0.98 -2.72	19.41 0.97 -1.04	18.84 0.95 -1.71	17.91 0.91 -1.69	18.70 1.02 0.00	19.82 1.04 -1.21	53.18 0.93 -37.03	25.30 1.49 -0.09	23.54 1.46 0.00	19.99 1.22 0.00	15.69 1.09 0.00	12.45 0.92 0.00	13.34 1.05 0.00	11.36 0.88 0.00	14.48 1.20 0.00	14.48 1.23 0.00	15.10 1.18 0.00	19.17 1.24 -3.37	20.26 0.75 -10.57	40.82 0.71 -31.53	74.46 0.01 -74.36	28.16 0.59 -20.02	21.65 1.28 -3.54	18.75 1.38 0.00
FENNER___WINDPWR 24204	18.89 0.32 -0.30	17.80 0.29 -0.12	16.69 0.32 -0.19	15.77 0.27 -0.19	18.02 0.34 0.00	18.05 0.34 -0.13	19.59 0.31 -4.06	24.15 0.42 -0.01	22.40 0.32 0.00	18.99 0.22 0.00	14.73 0.14 0.00	11.62 0.09 0.00	12.37 0.08 0.00	10.54 0.07 0.00	13.35 0.08 0.00	13.33 0.08 0.00	14.01 0.08 0.00	15.10 0.14 -0.38	10.28 0.16 -0.19	12.29 0.16 -3.55	8.42 0.00 -8.34	9.97 0.15 -2.27	17.49 0.26 -0.40	17.92 0.31 -0.23
FIBERTEK___ENERGY 23856	18.47 -0.08 -0.29	17.42 -0.10 -0.11	16.31 -0.05 -0.18	15.43 -0.06 -0.18	17.63 -0.05 0.00	17.71 0.01 -0.13	19.14 -0.01 -3.93	23.61 -0.12 -0.01	21.98 -0.11 0.00	18.63 -0.13 0.00	14.50 -0.09 0.00	11.43 -0.10 0.00	12.18 -0.11 0.00	10.39 -0.09 0.00	13.17 -0.10 0.00	13.15 -0.11 0.00	13.81 -0.11 0.00	14.85 -0.09 -0.36	10.05 -0.03 -1.14	11.96 -0.02 -3.40	8.06 -0.01 -7.98	9.73 0.00 -2.17	17.12 -0.09 -0.38	17.31 0.00 0.07
FITZPATRICK____ 23598	17.90 -0.56 -0.20	16.93 -0.54 -0.08	15.84 -0.46 -0.12	14.98 -0.45 -0.12	17.17 -0.50 0.00	17.18 -0.48 -0.09	17.47 -0.44 -2.69	22.95 -0.78 -0.01	21.37 -0.71 0.00	18.15 -0.62 0.00	14.12 -0.47 0.00	11.15 -0.38 0.00	11.87 -0.42 0.00	10.12 -0.35 0.00	12.83 -0.45 0.00	12.80 -0.46 0.00	13.44 -0.49 0.00	14.33 -0.49 -0.25	9.45 -0.28 -0.79	10.66 -0.27 -2.36	5.60 -0.02 -5.52	8.83 -0.22 -1.50	16.54 -0.56 -0.27	16.90 -0.47 0.00
FLOWRFLD_69_KV_BK1 356044	41.60 1.61 -21.73	19.99 1.55 -1.04	20.54 1.51 -2.86	18.37 1.37 -1.69	19.28 1.60 0.00	20.29 1.51 -1.21	53.77 1.51 -37.03	25.94 2.14 -0.09	24.00 1.91 0.00	21.53 1.64 -1.12	28.59 1.45 -12.55	14.78 1.19 -2.06	23.71 1.32 -10.10	37.88 1.07 -26.34	26.15 1.36 -11.52	27.21 1.41 -12.53	38.52 1.46 -23.14	19.79 1.55 -3.67	23.66 1.00 -13.72	56.78 0.95 -47.25	77.23 0.03 -77.11	33.21 0.86 -24.80	22.90 1.91 -4.16	19.20 1.83 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.07 1.08 -2.73	19.49 1.05 -1.05	18.88 1.00 -1.71	17.94 0.96 -1.68	18.77 1.09 0.00	19.94 1.15 -1.22	52.71 1.01 -36.48	25.41 1.60 -0.08	23.56 1.48 0.00	19.95 1.18 0.00	15.60 1.01 0.00	12.37 0.84 0.00	13.23 0.94 0.00	11.27 0.80 0.00	14.36 1.08 0.00	14.38 1.12 0.00	15.07 1.15 0.00	19.14 1.25 -3.32	20.14 0.78 -10.43	40.42 0.75 -31.10	73.42 0.01 -73.32	27.96 0.63 -19.78	21.65 1.33 -3.50	18.78 1.40 0.00
FORT ORANGE____ 23900	21.99 0.34 -3.38	19.04 0.33 -1.31	18.63 0.33 -2.12	17.72 0.33 -2.09	18.01 0.33 0.00	19.42 0.34 -1.51	60.97 0.30 -45.45	24.28 0.45 -0.11	22.35 0.27 0.00	18.87 0.11 0.00	14.75 0.15 0.00	11.67 0.13 0.00	12.46 0.17 0.00	10.60 0.12 0.00	13.49 0.22 0.00	13.53 0.27 0.00	14.25 0.32 0.00	19.10 0.34 -4.19	22.35 0.25 -13.16	48.07 0.24 -39.25	92.43 -0.01 -92.35	33.65 0.15 -25.95	21.74 0.32 -4.59	17.72 0.35 0.00
FORT_DRUM_COGEN 23780	17.68 -0.73 -0.15	16.81 -0.65 -0.06	15.84 -0.43 -0.09	14.82 -0.58 -0.09	17.15 -0.53 0.00	17.13 -0.51 -0.06	16.90 -0.31 -1.99	22.93 -0.79 0.00	21.36 -0.72 0.00	18.05 -0.71 0.00	13.93 -0.66 0.00	10.91 -0.62 0.00	11.64 -0.65 0.00	9.87 -0.60 0.00	12.47 -0.81 0.00	12.33 -0.93 0.00	12.82 -1.10 0.00	13.72 -1.04 -0.19	9.10 -0.42 -0.59	9.95 -0.38 -1.75	4.17 -0.02 -4.10	6.27 -0.36 0.92	12.36 -0.88 3.59	9.16 -1.03 7.18
FPL FAR_ROCK_GT1 24212	41.51 1.51 -21.74	19.89 1.43 -1.06	20.30 1.39 -2.73	18.27 1.28 -1.69	19.14 1.46 0.00	20.17 1.38 -1.22	53.57 1.30 -37.04	25.68 1.88 -0.09	23.89 1.80 0.00	21.42 1.53 -1.12	28.49 1.34 -12.55	14.62 1.03 -2.06	23.65 1.26 -10.10	37.85 1.05 -26.34	26.17 1.37 -11.52	27.19 1.40 -12.53	38.48 1.41 -23.14	19.61 1.37 -3.67	23.52 0.86 -13.72	56.65 0.82 -47.25	77.22 0.02 -77.11	33.10 0.74 -24.80	22.70 1.71 -4.16	19.12 1.75 0.00
FPL FAR_ROCK_GT2 23815	41.51 1.51 -21.74	19.89 1.43 -1.06	20.30 1.39 -2.73	18.27 1.28 -1.69	19.14 1.46 0.00	20.17 1.38 -1.22	53.57 1.30 -37.04	25.68 1.88 -0.09	23.89 1.80 0.00	21.42 1.53 -1.12	28.49 1.34 -12.55	14.62 1.03 -2.06	23.65 1.26 -10.10	37.85 1.05 -26.34	26.17 1.37 -11.52	27.19 1.40 -12.53	38.48 1.41 -23.14	19.61 1.37 -3.67	23.52 0.86 -13.72	56.65 0.82 -47.25	77.22 0.02 -77.11	33.10 0.74 -24.80	22.70 1.71 -4.16	19.12 1.75 0.00
FRANKLIN_FALL_HYD 24054	18.22 -0.07 -0.02	17.25 -0.15 -0.01	15.88 -0.31 -0.02	15.02 -0.30 -0.02	17.29 -0.38 0.00	17.07 -0.51 -0.01	15.25 -0.30 -0.34	23.56 -0.16 0.00	22.04 -0.05 0.00	18.81 0.04 0.00	14.33 -0.26 0.00	11.17 -0.37 0.00	11.80 -0.49 0.00	10.08 -0.40 0.00	12.76 -0.51 0.00	12.73 -0.53 0.00	13.36 -0.57 0.00	14.00 -0.58 0.00	8.57 -0.36 0.00	8.25 -0.33 0.00	0.06 -0.03 0.00	-2.35 -0.39 9.51	-1.53 -0.71 17.65	-9.86 -0.92 26.31
FREEPORT_EQUS_GT1 23764	41.41 1.41 -21.74	19.79 1.34 -1.06	20.26 1.29 -2.78	18.18 1.19 -1.69	19.04 1.36 0.00	20.08 1.29 -1.22	53.49 1.23 -37.04	25.50 1.69 -0.09	23.80 1.72 0.00	21.31 1.43 -1.12	28.43 1.29 -12.55	14.65 1.06 -2.06	23.59 1.19 -10.10	37.80 0.99 -26.34	26.09 1.30 -11.52	27.11 1.32 -12.53	38.39 1.33 -23.14	19.63 1.38 -3.67	23.55 0.89 -13.72	56.66 0.83 -47.25	77.22 0.02 -77.11	33.10 0.75 -24.80	22.62 1.63 -4.16	19.01 1.63 0.00
FREEPORT___CT2 23818	41.41 1.41 -21.74	19.79 1.34 -1.06	20.26 1.29 -2.78	18.18 1.19 -1.69	19.04 1.36 0.00	20.08 1.29 -1.22	53.49 1.23 -37.04	25.50 1.69 -0.09	23.80 1.72 0.00	21.31 1.43 -1.12	28.43 1.29 -12.55	14.65 1.06 -2.06	23.59 1.19 -10.10	37.80 0.99 -26.34	26.09 1.30 -11.52	27.11 1.32 -12.53	38.39 1.33 -23.14	19.63 1.38 -3.67	23.55 0.89 -13.72	56.66 0.83 -47.25	77.22 0.02 -77.11	33.10 0.75 -24.80	22.62 1.63 -4.16	19.01 1.63 0.00
FRESHKLS_33_KV_LOAD 356253	22.00 1.01 -2.72	19.45 1.01 -1.04	18.89 1.00 -1.71	17.95 0.96 -1.69	18.74 1.06 0.00	19.85 1.08 -1.21	53.19 0.94 -37.03	25.30 1.50 -0.09	23.52 1.43 0.00	19.94 1.17 0.00	15.70 1.10 0.00	12.47 0.94 0.00	13.36 1.07 0.00	11.36 0.88 0.00	14.49 1.22 0.00	14.50 1.24 0.00	15.15 1.22 0.00	19.22 1.29 -3.37	20.30 0.79 -10.57	40.84 0.73 -31.53	74.49 0.04 -74.36	28.18 0.60 -20.02	21.70 1.32 -3.54	18.84 1.47 0.00
FULTON COGEN____ 23766	18.11 -0.39 -0.24	17.09 -0.40 -0.09	16.02 -0.31 -0.15	15.13 -0.33 -0.15	17.34 -0.34 0.00	17.38 -0.29 -0.10	18.16 -0.28 -3.21	23.17 -0.56 -0.01	21.54 -0.54 0.00	18.27 -0.50 0.00	14.22 -0.37 0.00	11.24 -0.30 0.00	11.96 -0.33 0.00	10.20 -0.27 0.00	12.91 -0.36 0.00	12.90 -0.36 0.00	13.54 -0.39 0.00	14.50 -0.37 -0.30	9.69 -0.19 -0.95	11.22 -0.19 -2.83	6.72 -0.01 -6.65	9.21 -0.15 -1.81	16.75 -0.40 -0.32	16.91 -0.33 0.14

FULTON___LFGE 323630	24.06 1.75 -4.04	20.59 1.63 -1.56	20.20 1.49 -2.53	19.19 1.39 -2.50	19.38 1.70 0.00	21.06 1.69 -1.80	70.95 1.47 -54.27	25.81 1.96 -0.13	23.61 1.52 0.00	19.77 1.00 0.00	15.37 0.77 0.00	12.09 0.56 0.00	12.85 0.56 0.00	10.97 0.49 0.00	13.87 0.59 0.00	13.89 0.63 0.00	14.64 0.71 0.00	20.58 0.94 -5.07	25.62 0.78 -15.90	56.82 0.81 -47.42	111.34 0.02 -111.24	39.02 0.74 -30.73	23.86 1.59 -5.44	19.07 1.69 0.00
G.F.CEMENT___DRP 24184	22.68 0.85 -3.57	19.55 0.77 -1.39	19.14 0.73 -2.23	18.21 0.70 -2.20	18.52 0.84 0.00	20.07 0.90 -1.60	63.93 0.84 -47.87	24.93 1.10 -0.11	22.86 0.77 0.00	19.32 0.56 0.00	15.02 0.43 0.00	11.86 0.33 0.00	12.68 0.39 0.00	10.81 0.34 0.00	13.73 0.46 0.00	13.79 0.53 0.00	14.61 0.69 0.00	19.82 0.81 -4.44	23.39 0.52 -13.93	50.62 0.51 -41.54	97.65 -0.02 -97.58	35.14 0.39 -27.19	22.48 0.84 -4.81	18.17 0.80 0.00
GARDENVILLE___LBMP 24039	18.90 0.20 -0.43	17.72 0.15 -0.17	16.77 0.33 -0.27	15.83 0.26 -0.26	18.08 0.40 0.00	18.13 0.38 -0.18	21.05 0.12 -5.71	23.49 -0.25 -0.01	22.06 -0.03 0.00	18.89 0.13 0.00	14.73 0.14 0.00	11.63 0.09 0.00	12.30 0.01 0.00	10.61 0.14 0.00	13.30 0.03 0.00	13.24 -0.02 0.00	13.82 -0.11 0.00	14.90 -0.21 -0.53	10.50 -0.11 -1.67	13.41 -0.15 -4.99	11.74 -0.06 -11.71	10.73 -0.01 -3.19	17.21 -0.18 -0.56	17.77 0.39 0.00
GARDNVLA_35_KV_LD 355827	18.97 0.28 -0.43	17.77 0.20 -0.17	16.82 0.37 -0.27	15.87 0.30 -0.27	18.12 0.44 0.00	18.17 0.42 -0.18	21.15 0.17 -5.76	23.58 -0.16 -0.01	22.14 0.05 0.00	18.97 0.20 0.00	14.79 0.19 0.00	11.67 0.14 0.00	12.35 0.06 0.00	10.66 0.18 0.00	13.37 0.09 0.00	13.30 0.04 0.00	13.88 -0.04 0.00	14.97 -0.14 -0.54	10.55 -0.07 -1.69	13.49 -0.12 -5.03	11.84 -0.05 -11.81	10.79 0.02 -3.21	17.29 -0.11 -0.57	17.83 0.46 0.00
GELCKHM___115KV_LOAD 80723	18.30 -0.22 -0.26	17.27 -0.23 -0.10	16.18 -0.17 -0.16	15.30 -0.17 -0.16	17.50 -0.17 0.00	17.56 -0.13 -0.11	18.65 -0.13 -3.56	23.42 -0.30 -0.01	21.81 -0.27 0.00	18.51 -0.26 0.00	14.40 -0.19 0.00	11.37 -0.16 0.00	12.11 -0.19 0.00	10.32 -0.15 0.00	13.09 -0.18 0.00	13.07 -0.19 0.00	13.71 -0.21 0.00	14.71 -0.20 -0.33	9.88 -0.09 -1.04	11.58 -0.09 -3.10	7.35 -0.01 -7.28	9.47 -0.06 -1.98	16.95 -0.23 -0.35	17.16 -0.14 0.08
GENERAL___MILLS 23808	18.94 0.25 -0.43	17.75 0.18 -0.17	16.81 0.36 -0.27	15.86 0.28 -0.26	18.11 0.43 0.00	18.16 0.41 -0.18	21.12 0.15 -5.74	23.54 -0.19 -0.01	22.10 0.02 0.00	18.94 0.17 0.00	14.77 0.17 0.00	11.65 0.12 0.00	12.33 0.04 0.00	10.64 0.16 0.00	13.34 0.07 0.00	13.28 0.02 0.00	13.86 -0.07 0.00	14.94 -0.17 -0.54	10.53 -0.09 -1.68	13.46 -0.14 -5.02	11.82 -0.05 -11.78	10.77 0.01 -3.21	17.26 -0.14 -0.57	17.81 0.43 0.00
GE_PLASTICS___DRP 24183	22.03 0.39 -3.38	19.08 0.38 -1.30	18.67 0.38 -2.12	17.76 0.36 -2.09	18.05 0.37 0.00	19.45 0.38 -1.50	61.03 0.34 -45.48	24.32 0.50 -0.11	22.44 0.36 0.00	18.98 0.22 0.00	14.82 0.23 0.00	11.73 0.19 0.00	12.53 0.24 0.00	10.66 0.19 0.00	13.54 0.27 0.00	13.55 0.29 0.00	14.24 0.32 0.00	19.16 0.35 -4.24	22.51 0.24 -13.33	48.56 0.23 -39.75	93.43 0.00 -93.33	33.70 0.17 -25.99	21.78 0.35 -4.60	17.76 0.39 0.00
GILBOA___1 23756	21.43 0.56 -2.61	18.95 0.54 -1.01	18.32 0.51 -1.64	17.36 0.44 -1.62	18.16 0.48 0.00	19.25 0.52 -1.16	50.75 0.44 -35.09	24.46 0.66 -0.08	22.65 0.57 0.00	19.19 0.43 0.00	14.97 0.38 0.00	11.85 0.31 0.00	12.65 0.36 0.00	10.77 0.30 0.00	13.65 0.38 0.00	13.64 0.39 0.00	14.32 0.39 0.00	18.32 0.44 -3.31	19.62 0.29 -10.41	39.88 0.27 -31.03	72.76 0.02 -72.66	27.60 0.24 -19.80	20.84 0.51 -3.51	17.93 0.56 0.00
GILBOA___2 23757	21.43 0.56 -2.61	18.95 0.54 -1.01	18.32 0.51 -1.64	17.36 0.44 -1.62	18.16 0.48 0.00	19.25 0.52 -1.16	50.75 0.44 -35.09	24.46 0.66 -0.08	22.65 0.57 0.00	19.19 0.43 0.00	14.97 0.38 0.00	11.85 0.31 0.00	12.65 0.36 0.00	10.77 0.30 0.00	13.65 0.38 0.00	13.64 0.39 0.00	14.32 0.39 0.00	18.32 0.44 -3.31	19.62 0.29 -10.41	39.88 0.27 -31.03	72.76 0.02 -72.66	27.60 0.24 -19.80	20.84 0.51 -3.51	17.93 0.56 0.00
GILBOA___3 23758	21.43 0.56 -2.61	18.95 0.54 -1.01	18.32 0.51 -1.64	17.36 0.44 -1.62	18.16 0.48 0.00	19.25 0.52 -1.16	50.75 0.44 -35.09	24.46 0.66 -0.08	22.65 0.57 0.00	19.19 0.43 0.00	14.97 0.38 0.00	11.85 0.31 0.00	12.65 0.36 0.00	10.77 0.30 0.00	13.65 0.38 0.00	13.64 0.39 0.00	14.32 0.39 0.00	18.32 0.44 -3.31	19.62 0.29 -10.41	39.88 0.27 -31.03	72.76 0.02 -72.66	27.60 0.24 -19.80	20.84 0.51 -3.51	17.93 0.56 0.00
GILBOA___4 23759	21.43 0.56 -2.61	18.95 0.54 -1.01	18.32 0.51 -1.64	17.36 0.44 -1.62	18.16 0.48 0.00	19.25 0.52 -1.16	50.75 0.44 -35.09	24.46 0.66 -0.08	22.65 0.57 0.00	19.19 0.43 0.00	14.97 0.38 0.00	11.85 0.31 0.00	12.65 0.36 0.00	10.77 0.30 0.00	13.65 0.38 0.00	13.64 0.39 0.00	14.32 0.39 0.00	18.32 0.44 -3.31	19.62 0.29 -10.41	39.88 0.27 -31.03	72.76 0.02 -72.66	27.60 0.24 -19.80	20.84 0.51 -3.51	17.93 0.56 0.00
GILBOA___ 23599	21.43 0.56 -2.61	18.95 0.54 -1.01	18.32 0.51 -1.64	17.36 0.44 -1.62	18.16 0.48 0.00	19.25 0.51 -1.16	50.75 0.44 -35.09	24.46 0.66 -0.08	22.65 0.56 0.00	19.19 0.42 0.00	14.97 0.38 0.00	11.85 0.31 0.00	12.65 0.36 0.00	10.77 0.30 0.00	13.65 0.38 0.00	13.64 0.39 0.00	14.32 0.39 0.00	18.32 0.44 -3.31	19.62 0.29 -10.41	39.88 0.27 -31.03	72.76 0.02 -72.66	27.59 0.24 -19.80	20.83 0.50 -3.51	17.93 0.56 0.00
GINNA___ 23603	17.70 -0.88 -0.32	16.66 -0.87 -0.12	15.68 -0.70 -0.20	14.82 -0.69 -0.20	16.93 -0.75 0.00	17.00 -0.71 -0.14	18.83 -0.70 -4.31	22.40 -1.33 -0.01	20.92 -1.16 0.00	17.83 -0.93 0.00	13.88 -0.71 0.00	10.95 -0.58 0.00	11.61 -0.68 0.00	9.88 -0.59 0.00	12.55 -0.72 0.00	12.52 -0.74 0.00	13.11 -0.81 0.00	14.11 -0.86 -0.40	9.72 -0.48 -1.26	11.86 -0.49 -3.77	8.90 -0.04 -8.84	9.59 -0.37 -2.41	16.31 -0.95 -0.43	16.69 -0.68 0.00
GLEN PARK___ 23778	17.74 -0.67 -0.16	16.85 -0.60 -0.06	15.89 -0.39 -0.10	14.87 -0.54 -0.09	17.20 -0.48 0.00	17.20 -0.44 -0.07	17.03 -0.25 -2.06	22.97 -0.76 0.00	21.36 -0.73 0.00	18.01 -0.76 0.00	13.90 -0.69 0.00	10.89 -0.64 0.00	11.62 -0.68 0.00	9.85 -0.62 0.00	12.45 -0.82 0.00	12.31 -0.95 0.00	12.80 -1.12 0.00	13.70 -1.06 -0.19	9.13 -0.41 -0.61	10.03 -0.36 -1.81	4.32 -0.02 -4.25	6.46 -0.32 0.77	12.63 -0.82 3.38	9.61 -0.97 6.79
GLENDALE_27_KV_LOAD 356172	22.04 1.06 -2.72	19.49 1.05 -1.04	18.91 1.03 -1.71	17.98 0.98 -1.69	18.77 1.09 0.00	19.90 1.13 -1.21	53.26 1.01 -37.03	25.44 1.63 -0.09	23.68 1.59 0.00	20.12 1.35 0.00	15.79 1.19 0.00	12.54 1.01 0.00	13.43 1.14 0.00	11.44 0.96 0.00	14.57 1.30 0.00	14.57 1.32 0.00	15.20 1.28 0.00	19.28 1.34 -3.37	20.32 0.82 -10.57	40.88 0.77 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.74 1.37 -3.54	18.85 1.47 0.00

GLENWOOD_IC_1_G5 23712	41.23 1.24 -21.73	19.63 1.19 -1.04	20.04 1.16 -2.70	18.08 1.09 -1.69	18.91 1.23 0.00	19.99 1.22 -1.21	53.39 1.13 -37.03	25.51 1.70 -0.09	23.69 1.61 0.00	21.25 1.37 -1.12	28.37 1.23 -12.55	14.61 1.02 -2.06	23.54 1.15 -10.10	37.77 0.96 -26.34	26.07 1.28 -11.52	27.10 1.30 -12.53	38.36 1.30 -23.14	19.61 1.36 -3.67	23.51 0.85 -13.72	56.64 0.81 -47.25	77.21 0.02 -77.11	33.05 0.69 -24.80	22.49 1.49 -4.16	18.91 1.54 0.00
GLENWOOD_IC_2_G1 23688	41.14 1.14 -21.74	19.55 1.09 -1.06	19.04 1.07 -1.79	18.00 1.00 -1.69	18.81 1.13 0.00	19.92 1.13 -1.22	53.30 1.04 -37.04	25.39 1.58 -0.09	23.59 1.51 0.00	21.14 1.26 -1.12	28.28 1.14 -12.55	14.54 0.95 -2.06	23.46 1.07 -10.10	37.71 0.90 -26.34	26.00 1.20 -11.52	27.02 1.23 -12.53	38.28 1.22 -23.14	19.53 1.28 -3.67	23.46 0.80 -13.72	56.59 0.76 -47.25	77.21 0.01 -77.11	33.01 0.65 -24.80	22.38 1.39 -4.16	18.81 1.44 0.00
GLENWOOD_IC_3_G1 23689	41.14 1.14 -21.74	19.55 1.09 -1.06	19.04 1.07 -1.79	18.00 1.00 -1.69	18.81 1.13 0.00	19.92 1.13 -1.22	53.30 1.04 -37.04	25.39 1.58 -0.09	23.59 1.51 0.00	21.14 1.26 -1.12	28.28 1.14 -12.55	14.54 0.95 -2.06	23.46 1.07 -10.10	37.71 0.90 -26.34	26.00 1.20 -11.52	27.02 1.23 -12.53	38.28 1.22 -23.14	19.53 1.28 -3.67	23.46 0.80 -13.72	56.59 0.76 -47.25	77.21 0.01 -77.11	33.01 0.65 -24.80	22.38 1.39 -4.16	18.81 1.44 0.00
GLENWOOD___4 23550	41.23 1.24 -21.73	19.63 1.19 -1.04	20.04 1.16 -2.70	18.08 1.09 -1.69	18.91 1.23 0.00	19.99 1.22 -1.21	53.39 1.13 -37.03	25.51 1.70 -0.09	23.69 1.61 0.00	21.25 1.37 -1.12	28.37 1.23 -12.55	14.61 1.02 -2.06	23.54 1.15 -10.10	37.77 0.96 -26.34	26.07 1.28 -11.52	27.10 1.30 -12.53	38.36 1.30 -23.14	19.61 1.36 -3.67	23.51 0.85 -13.72	56.64 0.81 -47.25	77.21 0.02 -77.11	33.05 0.69 -24.80	22.49 1.49 -4.16	18.91 1.54 0.00
GLENWOOD___5 23614	41.23 1.24 -21.73	19.63 1.19 -1.04	20.04 1.16 -2.70	18.08 1.09 -1.69	18.91 1.23 0.00	19.99 1.22 -1.21	53.39 1.13 -37.03	25.51 1.70 -0.09	23.69 1.61 0.00	21.25 1.37 -1.12	28.37 1.23 -12.55	14.61 1.02 -2.06	23.54 1.15 -10.10	37.77 0.96 -26.34	26.07 1.28 -11.52	27.10 1.30 -12.53	38.36 1.30 -23.14	19.61 1.36 -3.67	23.51 0.85 -13.72	56.64 0.81 -47.25	77.21 0.02 -77.11	33.05 0.69 -24.80	22.49 1.49 -4.16	18.91 1.54 0.00
GLOBAL GREEN_PORT_GT1 23814	42.04 2.04 -21.74	20.40 1.95 -1.06	20.93 1.90 -2.86	18.75 1.76 -1.69	19.71 2.03 0.00	20.76 1.97 -1.22	54.23 1.96 -37.04	26.51 2.70 -0.09	24.55 2.47 0.00	21.88 2.00 -1.12	28.87 1.72 -12.55	14.98 1.39 -2.06	23.92 1.53 -10.10	38.04 1.23 -26.34	26.37 1.58 -11.52	27.44 1.65 -12.53	38.81 1.74 -23.14	20.13 1.88 -3.67	23.88 1.22 -13.72	57.00 1.17 -47.25	77.23 0.03 -77.11	33.46 1.11 -24.80	23.29 2.29 -4.16	19.55 2.18 0.00
GLOBE___DSASP 323697	18.11 -0.55 -0.40	17.08 -0.48 -0.16	16.20 -0.22 -0.25	15.31 -0.25 -0.25	17.45 -0.23 0.00	17.49 -0.25 -0.17	20.11 -0.47 -5.36	22.46 -1.27 -0.01	21.05 -1.04 0.00	18.09 -0.68 0.00	14.11 -0.48 0.00	11.13 -0.40 0.00	11.76 -0.53 0.00	10.15 -0.33 0.00	12.73 -0.55 0.00	12.66 -0.60 0.00	13.20 -0.73 0.00	14.21 -0.86 -0.50	10.01 -0.50 -1.57	12.71 -0.55 -4.68	11.03 -0.04 -10.99	10.18 -0.36 -2.99	16.43 -0.92 -0.53	17.05 -0.32 0.00
GOETHSLN___LBMP 323567	21.86 0.87 -2.72	19.32 0.88 -1.04	18.76 0.87 -1.71	17.83 0.84 -1.69	18.60 0.93 0.00	19.71 0.94 -1.21	53.08 0.83 -37.03	25.15 1.34 -0.09	23.42 1.33 0.00	19.86 1.10 0.00	15.61 1.02 0.00	12.40 0.87 0.00	13.28 0.99 0.00	11.30 0.82 0.00	14.42 1.15 0.00	14.42 1.16 0.00	15.02 1.10 0.00	19.09 1.16 -3.37	20.21 0.70 -10.57	40.77 0.66 -31.53	74.47 0.01 -74.36	28.11 0.54 -20.02	21.54 1.17 -3.54	18.66 1.28 0.00
GOLAH___69_KV_TB 1_2 80279	18.66 0.06 -0.34	17.61 0.08 -0.13	16.61 0.22 -0.21	15.74 0.23 -0.21	18.00 0.32 0.00	18.05 0.33 -0.14	19.82 0.12 -4.48	23.62 -0.11 -0.01	22.06 -0.02 0.00	18.80 0.04 0.00	14.61 0.02 0.00	11.52 -0.01 0.00	12.21 -0.09 0.00	10.38 -0.09 0.00	13.13 -0.14 0.00	13.09 -0.17 0.00	13.69 -0.24 0.00	14.73 -0.26 -0.42	10.15 -0.10 -1.31	12.37 -0.12 -3.92	9.24 -0.04 -9.19	10.04 -0.01 -2.50	17.10 -0.17 -0.44	17.60 0.22 0.00
GOODYEAR_LAKE_HYD 323669	19.57 0.80 -0.51	18.40 0.77 -0.24	17.21 0.73 -0.30	16.27 0.67 -0.30	18.48 0.81 0.00	18.67 0.87 -0.23	22.51 0.78 -6.51	24.90 1.16 -0.02	23.14 1.06 0.00	19.64 0.87 0.00	15.29 0.70 0.00	12.07 0.54 0.00	12.84 0.55 0.00	10.94 0.46 0.00	13.85 0.57 0.00	13.82 0.56 0.00	14.49 0.57 0.00	15.80 0.64 -0.59	11.19 0.43 -1.83	14.46 0.43 -5.46	12.96 0.01 -12.86	11.53 0.39 -3.59	18.25 0.78 -0.64	18.22 0.85 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.45 0.41 -0.78	18.07 0.36 -0.31	17.05 0.39 -0.48	16.14 0.35 -0.48	18.10 0.42 0.00	18.37 0.46 -0.34	25.96 0.37 -10.37	24.21 0.47 -0.03	22.53 0.45 0.00	19.09 0.33 0.00	14.86 0.27 0.00	11.75 0.22 0.00	12.52 0.23 0.00	10.70 0.23 0.00	13.53 0.26 0.00	13.52 0.26 0.00	14.18 0.26 0.00	15.84 0.30 -0.97	12.19 0.21 -3.04	17.84 0.20 -9.06	21.34 0.00 -21.26	13.52 0.19 -5.79	18.19 0.33 -1.02	17.85 0.47 0.00
GOUDEY___7 23579	19.47 0.43 -0.78	18.08 0.38 -0.31	17.06 0.40 -0.48	16.15 0.36 -0.48	18.11 0.43 0.00	18.38 0.47 -0.34	25.97 0.38 -10.37	24.23 0.49 -0.03	22.55 0.47 0.00	19.11 0.34 0.00	14.88 0.28 0.00	11.77 0.23 0.00	12.54 0.24 0.00	10.71 0.24 0.00	13.55 0.27 0.00	13.53 0.27 0.00	14.19 0.27 0.00	15.86 0.31 -0.97	12.19 0.22 -3.04	17.85 0.21 -9.06	21.34 0.00 -21.26	13.53 0.19 -5.79	18.20 0.35 -1.02	17.86 0.49 0.00
GOUDEY___8 23580	19.45 0.41 -0.78	18.07 0.36 -0.31	17.05 0.39 -0.48	16.14 0.35 -0.48	18.10 0.42 0.00	18.37 0.46 -0.34	25.96 0.37 -10.37	24.21 0.47 -0.03	22.53 0.45 0.00	19.09 0.33 0.00	14.86 0.27 0.00	11.75 0.22 0.00	12.52 0.23 0.00	10.70 0.23 0.00	13.53 0.26 0.00	13.52 0.26 0.00	14.18 0.26 0.00	15.84 0.30 -0.97	12.19 0.21 -3.04	17.84 0.20 -9.06	21.34 0.00 -21.26	13.52 0.19 -5.79	18.19 0.33 -1.02	17.85 0.47 0.00
GOWANUS_GT1_1 24077	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT1_2 24078	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00

GOWANUS_GT1_3 24079	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT1_4 24080	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT1_5 24084	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT1_6 24111	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT1_7 24112	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT1_8 24113	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT2_1 24114	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT2_2 24115	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT2_3 24116	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT2_4 24117	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT2_5 24118	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT2_6 24119	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT2_7 24120	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT2_8 24121	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT3_1 24122	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00

GOWANUS_GT3_2 24123	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT3_3 24124	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT3_4 24125	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT3_5 24126	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT3_6 24127	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT3_7 24128	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT3_8 24129	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT4_1 24130	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT4_2 24131	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT4_3 24132	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT4_4 24133	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT4_5 24134	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT4_6 24135	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT4_7 24136	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
GOWANUS_GT4_8 24137	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00

GREENBSH_115KV_TB3 55895	21.91 0.25 -3.40	18.96 0.25 -1.31	18.56 0.25 -2.13	17.67 0.26 -2.10	17.92 0.24 0.00	19.33 0.25 -1.51	61.18 0.23 -45.73	24.15 0.32 -0.11	22.26 0.17 0.00	18.82 0.05 0.00	14.71 0.12 0.00	11.64 0.11 0.00	12.44 0.14 0.00	10.58 0.10 0.00	13.47 0.20 0.00	13.50 0.24 0.00	14.21 0.29 0.00	19.08 0.30 -4.21	22.38 0.22 -13.23	48.23 0.20 -39.45	92.92 -0.02 -92.85	33.78 0.11 -26.13	21.68 0.23 -4.62	17.63 0.26 0.00
GREENDGE_115KV_TB5 80291	19.16 0.40 -0.50	17.93 0.34 -0.19	16.90 0.41 -0.31	15.98 0.37 -0.31	18.15 0.48 0.00	18.31 0.53 -0.21	22.32 0.42 -6.68	24.20 0.47 -0.02	22.50 0.42 0.00	19.03 0.26 0.00	14.78 0.19 0.00	11.67 0.14 0.00	12.42 0.12 0.00	10.62 0.14 0.00	13.43 0.15 0.00	13.40 0.14 0.00	14.05 0.13 0.00	15.34 0.15 -0.62	11.05 0.16 -1.96	14.56 0.15 -5.84	13.76 -0.03 -13.69	11.45 0.17 -3.73	17.72 0.23 -0.66	17.83 0.46 0.00
GREENIDGE___3 23582	19.16 0.40 -0.50	17.93 0.34 -0.19	16.90 0.41 -0.31	15.98 0.37 -0.31	18.15 0.48 0.00	18.31 0.53 -0.21	22.32 0.42 -6.68	24.20 0.47 -0.02	22.50 0.42 0.00	19.03 0.26 0.00	14.78 0.19 0.00	11.67 0.14 0.00	12.42 0.12 0.00	10.62 0.14 0.00	13.43 0.15 0.00	13.40 0.14 0.00	14.05 0.13 0.00	15.34 0.15 -0.62	11.05 0.16 -1.96	14.56 0.15 -5.84	13.76 -0.03 -13.69	11.45 0.17 -3.73	17.72 0.23 -0.66	17.83 0.46 0.00
GREENIDGE___4 23583	19.16 0.39 -0.50	17.93 0.34 -0.19	16.90 0.41 -0.31	15.98 0.37 -0.31	18.15 0.48 0.00	18.31 0.52 -0.22	22.31 0.42 -6.68	24.23 0.49 -0.02	22.49 0.40 0.00	19.04 0.27 0.00	14.78 0.19 0.00	11.67 0.14 0.00	12.42 0.12 0.00	10.62 0.14 0.00	13.43 0.15 0.00	13.40 0.14 0.00	14.05 0.13 0.00	15.34 0.15 -0.62	11.06 0.16 -1.96	14.56 0.15 -5.84	13.76 -0.02 -13.69	11.44 0.16 -3.73	17.72 0.23 -0.66	17.85 0.47 0.00
GREENLWN_69_KV_BK 3 55738	41.32 1.33 -21.73	19.72 1.28 -1.04	20.29 1.26 -2.85	18.14 1.14 -1.69	18.99 1.32 0.00	19.97 1.19 -1.21	53.43 1.18 -37.03	25.48 1.68 -0.09	23.62 1.54 0.00	21.23 1.35 -1.12	28.36 1.21 -12.55	14.60 1.02 -2.06	23.54 1.14 -10.10	37.75 0.94 -26.34	26.02 1.22 -11.52	27.04 1.25 -12.53	38.32 1.25 -23.14	19.55 1.30 -3.67	23.49 0.83 -13.72	56.61 0.78 -47.25	77.22 0.02 -77.11	33.06 0.70 -24.80	22.57 1.58 -4.16	18.95 1.58 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.01 1.02 -2.72	19.45 1.01 -1.04	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.86 1.08 -1.21	53.21 0.96 -37.03	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.18 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.20 0.62 -20.02	21.73 1.35 -3.54	18.84 1.47 0.00
GRISSOM___SOLAR 323813	24.06 1.75 -4.04	20.59 1.63 -1.56	20.20 1.49 -2.53	19.19 1.39 -2.50	19.38 1.70 0.00	21.06 1.69 -1.80	70.95 1.47 -54.27	25.81 1.96 -0.13	23.61 1.52 0.00	19.77 1.00 0.00	15.37 0.77 0.00	12.09 0.56 0.00	12.85 0.56 0.00	10.97 0.49 0.00	13.87 0.59 0.00	13.89 0.63 0.00	14.64 0.71 0.00	20.58 0.94 -5.07	25.62 0.78 -15.90	56.82 0.81 -47.42	111.34 0.02 -111.24	39.02 0.74 -30.73	23.86 1.59 -5.44	19.07 1.69 0.00
GROVEVILLE___HYD 323602	22.07 1.08 -2.73	19.49 1.05 -1.05	18.88 1.00 -1.71	17.94 0.96 -1.68	18.77 1.09 0.00	19.94 1.15 -1.22	52.71 1.01 -36.48	25.41 1.60 -0.08	23.56 1.48 0.00	19.95 1.18 0.00	15.60 1.01 0.00	12.37 0.84 0.00	13.23 0.94 0.00	11.27 0.80 0.00	14.36 1.08 0.00	14.38 1.12 0.00	15.07 1.15 0.00	19.14 1.25 -3.32	20.14 0.78 -10.43	40.42 0.75 -31.10	73.42 0.01 -73.32	27.96 0.63 -19.78	21.65 1.33 -3.50	18.78 1.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.47 -0.08 -0.29	17.42 -0.10 -0.11	16.31 -0.05 -0.18	15.43 -0.06 -0.18	17.63 -0.05 0.00	17.71 0.01 -0.13	19.14 -0.01 -3.93	23.61 -0.12 -0.01	21.98 -0.11 0.00	18.63 -0.13 0.00	14.50 -0.09 0.00	11.43 -0.10 0.00	12.18 -0.11 0.00	10.39 -0.09 0.00	13.17 -0.10 0.00	13.15 -0.11 0.00	13.81 -0.11 0.00	14.85 -0.09 -0.36	10.05 -0.03 -1.14	11.96 -0.02 -3.40	8.06 -0.01 -7.98	9.73 0.00 -2.17	17.12 -0.09 -0.38	17.31 0.00 0.07
HAMLTNNY_34_KV_TB 80303	18.53 -0.03 -0.31	17.47 -0.05 -0.12	16.35 -0.02 -0.19	15.48 -0.02 -0.19	17.68 0.00 0.00	17.78 0.08 -0.13	19.39 0.05 -4.12	23.69 -0.04 -0.01	22.05 -0.04 0.00	18.69 -0.07 0.00	14.56 -0.03 0.00	11.48 -0.05 0.00	12.22 -0.07 0.00	10.42 -0.05 0.00	13.22 -0.05 0.00	13.19 -0.07 0.00	13.87 -0.06 0.00	14.93 -0.03 -0.38	10.14 0.01 -1.20	12.16 0.01 -3.58	8.47 -0.02 -8.39	9.87 0.03 -2.29	17.19 -0.04 -0.40	17.42 0.05 0.00
HAMPSHIRE___PAPER_HYD 323593	17.37 -0.97 -0.08	16.52 -0.91 -0.03	15.45 -0.77 -0.05	14.55 -0.80 -0.05	16.87 -0.81 0.00	16.68 -0.93 -0.03	15.62 -0.61 -1.02	22.72 -1.00 0.00	21.22 -0.86 0.00	18.08 -0.68 0.00	13.95 -0.65 0.00	10.94 -0.59 0.00	11.65 -0.64 0.00	9.90 -0.57 0.00	12.52 -0.76 0.00	12.44 -0.82 0.00	13.01 -0.91 0.00	13.78 -0.89 -0.09	8.76 -0.47 -0.30	9.04 -0.43 -0.89	2.18 -0.01 -2.10	2.30 -0.42 4.82	5.97 -0.95 9.92	-0.02 -1.13 16.26
HARDSCRABBLE_WT_PWR 323673	18.22 -0.04 0.00	17.37 -0.03 0.00	16.17 0.00 0.00	15.31 0.00 0.00	17.61 -0.07 0.00	17.53 -0.04 0.00	15.18 -0.04 0.00	23.57 -0.15 0.00	21.69 -0.40 0.00	18.25 -0.52 0.00	14.21 -0.39 0.00	11.25 -0.28 0.00	11.99 -0.30 0.00	10.15 -0.32 0.00	12.88 -0.39 0.00	12.88 -0.38 0.00	13.59 -0.34 0.00	14.22 -0.36 0.00	8.80 -0.13 0.00	8.47 -0.11 0.00	0.08 -0.01 0.00	7.93 -0.05 -0.42	17.48 -0.13 -0.79	18.52 -0.19 -1.34
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.79 1.00 -2.53	19.34 0.97 -0.97	18.70 0.94 -1.58	17.76 0.89 -1.56	18.68 1.00 0.00	19.73 1.04 -1.12	49.11 0.90 -32.99	25.22 1.42 -0.08	23.41 1.33 0.00	19.81 1.05 0.00	15.49 0.90 0.00	12.29 0.76 0.00	13.16 0.87 0.00	11.21 0.74 0.00	14.28 1.01 0.00	14.30 1.04 0.00	14.98 1.06 0.00	18.74 1.16 -3.00	19.09 0.72 -9.44	37.41 0.68 -28.15	66.46 0.01 -66.36	26.01 0.57 -17.88	21.19 1.20 -3.16	18.67 1.30 0.00
HARSNRAD_115KV_TB1 81005	18.47 -0.19 -0.40	17.33 -0.22 -0.16	16.42 0.00 -0.25	15.51 -0.04 -0.24	17.70 0.02 0.00	17.74 0.00 -0.17	20.27 -0.23 -5.28	22.90 -0.84 -0.01	21.49 -0.60 0.00	18.43 -0.34 0.00	14.37 -0.22 0.00	11.33 -0.20 0.00	11.98 -0.31 0.00	10.43 -0.04 0.00	12.99 -0.29 0.00	12.91 -0.35 0.00	13.46 -0.47 0.00	14.49 -0.57 -0.49	10.17 -0.31 -1.54	12.82 -0.36 -4.61	10.86 -0.05 -10.81	10.31 -0.19 -2.94	16.78 -0.57 -0.52	17.40 0.03 0.00
HARZA MOOSE___RIVER 24016	18.16 -0.20 -0.09	17.27 -0.16 -0.03	16.21 -0.03 -0.06	15.21 -0.15 -0.06	17.60 -0.08 0.00	17.51 -0.10 -0.04	16.45 0.00 -1.23	23.55 -0.17 0.00	22.01 -0.07 0.00	18.65 -0.11 0.00	14.41 -0.19 0.00	11.32 -0.21 0.00	12.08 -0.22 0.00	10.25 -0.22 0.00	12.97 -0.30 0.00	12.91 -0.34 0.00	13.50 -0.43 0.00	14.32 -0.37 -0.12	9.18 -0.12 -0.36	9.57 -0.10 -1.09	2.63 -0.01 -2.55	6.95 -0.13 0.48	14.42 -0.35 2.05	13.78 -0.40 3.18

HDSNBRDG_115KV_BRDG_TB1 355580	18.36 -0.17 -0.27	17.32 -0.18 -0.10	16.22 -0.12 -0.17	15.34 -0.13 -0.17	17.54 -0.13 0.00	17.61 -0.09 -0.12	18.72 -0.09 -3.59	23.48 -0.24 -0.01	21.87 -0.21 0.00	18.56 -0.21 0.00	14.45 -0.15 0.00	11.41 -0.12 0.00	12.15 -0.15 0.00	10.36 -0.11 0.00	13.13 -0.15 0.00	13.11 -0.15 0.00	13.75 -0.18 0.00	14.74 -0.17 -0.34	9.93 -0.07 -1.06	11.66 -0.08 -3.16	7.49 -0.01 -7.41	9.52 -0.05 -2.02	16.99 -0.19 -0.36	17.27 -0.10 0.00
HELLGATE_13_KV_LD 55870	21.96 0.97 -2.72	19.43 0.99 -1.04	18.87 0.98 -1.71	17.93 0.94 -1.69	18.72 1.04 0.00	19.85 1.07 -1.21	53.19 0.95 -37.03	25.34 1.53 -0.09	23.58 1.50 0.00	20.04 1.28 0.00	15.72 1.13 0.00	12.49 0.96 0.00	13.38 1.08 0.00	11.39 0.92 0.00	14.51 1.24 0.00	14.51 1.25 0.00	15.13 1.21 0.00	19.20 1.26 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.67 1.30 -3.54	18.77 1.40 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.96 0.97 -2.72	19.43 0.99 -1.04	18.87 0.98 -1.71	17.93 0.94 -1.69	18.72 1.04 0.00	19.85 1.07 -1.21	53.19 0.95 -37.03	25.34 1.53 -0.09	23.58 1.50 0.00	20.04 1.28 0.00	15.72 1.13 0.00	12.49 0.96 0.00	13.38 1.08 0.00	11.39 0.92 0.00	14.51 1.24 0.00	14.51 1.25 0.00	15.13 1.21 0.00	19.20 1.26 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.67 1.30 -3.54	18.77 1.40 0.00
HEMPSTEAD____ 23647	41.29 1.28 -21.74	19.68 1.23 -1.06	20.12 1.20 -2.75	18.09 1.10 -1.69	18.93 1.25 0.00	20.00 1.21 -1.22	53.42 1.16 -37.04	25.46 1.65 -0.09	23.70 1.61 0.00	21.24 1.36 -1.12	28.37 1.23 -12.55	14.61 1.02 -2.06	23.54 1.14 -10.10	37.76 0.95 -26.34	26.05 1.25 -11.52	27.07 1.28 -12.53	38.34 1.27 -23.14	19.57 1.33 -3.67	23.50 0.84 -13.72	56.62 0.80 -47.25	77.21 0.02 -77.11	33.06 0.71 -24.80	22.51 1.52 -4.16	18.90 1.53 0.00
HEWLETT__69_KV_BK3 55828	41.43 1.44 -21.73	19.81 1.37 -1.04	20.24 1.34 -2.73	18.22 1.23 -1.69	19.08 1.40 0.00	20.10 1.32 -1.21	53.49 1.24 -37.03	25.59 1.79 -0.09	23.80 1.71 0.00	21.34 1.46 -1.12	28.44 1.29 -12.55	14.61 1.03 -2.06	23.60 1.21 -10.10	37.82 1.01 -26.34	26.12 1.33 -11.52	27.14 1.35 -12.53	38.42 1.35 -23.14	19.60 1.36 -3.67	23.52 0.86 -13.72	56.64 0.81 -47.25	77.21 0.02 -77.11	33.08 0.72 -24.80	22.64 1.64 -4.16	19.06 1.69 0.00
HICKLING___1 23621	19.60 0.72 -0.62	18.27 0.63 -0.24	17.24 0.67 -0.39	16.31 0.62 -0.38	18.43 0.75 0.00	18.66 0.82 -0.27	24.23 0.68 -8.34	24.61 0.87 -0.02	22.90 0.82 0.00	19.39 0.63 0.00	15.11 0.51 0.00	11.97 0.43 0.00	12.75 0.45 0.00	10.93 0.45 0.00	13.79 0.52 0.00	13.78 0.52 0.00	14.43 0.50 0.00	15.87 0.52 -0.78	11.74 0.36 -2.44	16.19 0.33 -7.29	17.17 -0.01 -17.09	12.50 0.30 -4.65	18.20 0.54 -0.82	18.13 0.76 0.00
HICKLING___2 23622	19.60 0.72 -0.62	18.27 0.63 -0.24	17.24 0.67 -0.39	16.31 0.62 -0.38	18.43 0.75 0.00	18.66 0.82 -0.27	24.23 0.68 -8.34	24.61 0.87 -0.02	22.90 0.82 0.00	19.39 0.63 0.00	15.11 0.51 0.00	11.97 0.43 0.00	12.75 0.45 0.00	10.93 0.45 0.00	13.79 0.52 0.00	13.78 0.52 0.00	14.43 0.50 0.00	15.87 0.52 -0.78	11.74 0.36 -2.44	16.19 0.33 -7.29	17.17 -0.01 -17.09	12.50 0.30 -4.65	18.20 0.54 -0.82	18.13 0.76 0.00
HIGH FALLS___HY 23754	22.06 1.23 -2.58	19.62 1.24 -0.98	18.98 1.18 -1.62	18.01 1.11 -1.60	18.96 1.29 0.00	20.00 1.30 -1.13	50.86 1.10 -34.54	25.60 1.80 -0.08	23.85 1.76 0.00	20.17 1.41 0.00	15.73 1.14 0.00	12.46 0.92 0.00	13.26 0.96 0.00	11.29 0.82 0.00	14.38 1.11 0.00	14.39 1.13 0.00	15.08 1.15 0.00	19.00 1.27 -3.16	19.72 0.85 -9.94	39.03 0.82 -29.63	69.91 0.02 -69.80	27.27 0.73 -18.99	21.70 1.51 -3.36	19.07 1.70 0.00
HILLBURN___GT 23639	21.82 0.97 -2.58	19.34 0.95 -1.00	18.72 0.93 -1.61	17.78 0.88 -1.60	18.66 0.98 0.00	19.72 1.00 -1.15	49.66 0.86 -33.58	25.19 1.40 -0.08	23.37 1.28 0.00	19.81 1.05 0.00	15.49 0.90 0.00	12.30 0.77 0.00	13.18 0.89 0.00	11.23 0.75 0.00	14.30 1.03 0.00	14.32 1.06 0.00	14.98 1.05 0.00	18.77 1.14 -3.06	19.24 0.70 -9.60	37.88 0.66 -28.64	67.61 0.01 -67.52	26.30 0.55 -18.20	21.21 1.17 -3.22	18.67 1.30 0.00
HILLSIDE_115KV_TB1 80332	19.38 0.47 -0.64	18.05 0.41 -0.25	17.02 0.45 -0.40	16.11 0.40 -0.40	18.16 0.48 0.00	18.37 0.52 -0.28	24.24 0.41 -8.62	24.25 0.51 -0.02	22.60 0.51 0.00	19.13 0.36 0.00	14.90 0.31 0.00	11.80 0.27 0.00	12.58 0.28 0.00	10.78 0.30 0.00	13.61 0.34 0.00	13.61 0.35 0.00	14.25 0.32 0.00	15.70 0.33 -0.81	11.69 0.23 -2.52	16.31 0.21 -7.53	17.73 -0.01 -17.65	12.55 0.19 -4.80	18.01 0.33 -0.85	17.90 0.53 0.00
HISHELDN_WT_PWR 323625	18.91 0.19 -0.46	17.71 0.14 -0.18	16.77 0.31 -0.29	15.84 0.25 -0.28	18.06 0.38 0.00	18.14 0.36 -0.20	21.48 0.15 -6.11	23.52 -0.21 -0.01	22.04 -0.05 0.00	18.84 0.07 0.00	14.70 0.10 0.00	11.62 0.09 0.00	12.32 0.03 0.00	10.62 0.14 0.00	13.32 0.05 0.00	13.27 0.01 0.00	13.84 -0.09 0.00	14.97 -0.18 -0.57	10.64 -0.08 -1.79	13.80 -0.12 -5.34	12.57 -0.05 -12.53	10.95 -0.01 -3.41	17.26 -0.17 -0.60	17.73 0.36 0.00
HOLTSVILLE_IC_1 23690	41.57 1.57 -21.74	19.97 1.52 -1.06	20.52 1.48 -2.86	18.34 1.35 -1.69	19.23 1.56 0.00	20.24 1.46 -1.22	53.71 1.44 -37.04	25.79 1.99 -0.09	23.95 1.87 0.00	21.44 1.56 -1.12	28.54 1.39 -12.55	14.73 1.14 -2.06	23.66 1.27 -10.10	37.84 1.04 -26.34	26.11 1.31 -11.52	27.15 1.35 -12.53	38.45 1.38 -23.14	19.70 1.45 -3.67	23.60 0.94 -13.72	56.72 0.89 -47.25	77.23 0.03 -77.11	33.19 0.84 -24.80	22.80 1.80 -4.16	19.12 1.74 0.00
HOLTSVILLE_IC_10 23699	41.65 1.65 -21.74	20.02 1.57 -1.06	20.57 1.54 -2.86	18.40 1.40 -1.69	19.30 1.63 0.00	20.34 1.55 -1.22	53.80 1.54 -37.04	25.92 2.11 -0.09	24.07 1.98 0.00	21.53 1.64 -1.12	28.61 1.46 -12.55	14.79 1.20 -2.06	23.72 1.33 -10.10	37.89 1.08 -26.34	26.15 1.35 -11.52	27.22 1.42 -12.53	38.53 1.47 -23.14	19.80 1.56 -3.67	23.66 1.00 -13.72	56.79 0.96 -47.25	77.23 0.03 -77.11	33.25 0.90 -24.80	22.90 1.90 -4.16	19.20 1.83 0.00
HOLTSVILLE_IC_2 23691	41.57 1.57 -21.74	19.97 1.52 -1.06	20.52 1.48 -2.86	18.34 1.35 -1.69	19.23 1.56 0.00	20.24 1.46 -1.22	53.71 1.44 -37.04	25.79 1.99 -0.09	23.95 1.87 0.00	21.44 1.56 -1.12	28.54 1.39 -12.55	14.73 1.14 -2.06	23.66 1.27 -10.10	37.84 1.04 -26.34	26.11 1.31 -11.52	27.15 1.35 -12.53	38.45 1.38 -23.14	19.70 1.45 -3.67	23.60 0.94 -13.72	56.72 0.89 -47.25	77.23 0.03 -77.11	33.19 0.84 -24.80	22.80 1.80 -4.16	19.12 1.74 0.00
HOLTSVILLE_IC_3 23692	41.57 1.57 -21.74	19.97 1.52 -1.06	20.52 1.48 -2.86	18.34 1.35 -1.69	19.23 1.56 0.00	20.24 1.46 -1.22	53.71 1.44 -37.04	25.79 1.99 -0.09	23.95 1.87 0.00	21.44 1.56 -1.12	28.54 1.39 -12.55	14.73 1.14 -2.06	23.66 1.27 -10.10	37.84 1.04 -26.34	26.11 1.31 -11.52	27.15 1.35 -12.53	38.45 1.38 -23.14	19.70 1.45 -3.67	23.60 0.94 -13.72	56.72 0.89 -47.25	77.23 0.03 -77.11	33.19 0.84 -24.80	22.80 1.80 -4.16	19.12 1.74 0.00

HOLTSVILLE_IC_4 23693	41.57 1.57 -21.74	19.97 1.52 -1.06	20.52 1.48 -2.86	18.34 1.35 -1.69	19.23 1.56 0.00	20.24 1.46 -1.22	53.71 1.44 -37.04	25.79 1.99 -0.09	23.95 1.87 0.00	21.44 1.56 -1.12	28.54 1.39 -12.55	14.73 1.14 -2.06	23.66 1.27 -10.10	37.84 1.04 -26.34	26.11 1.31 -11.52	27.15 1.35 -12.53	38.45 1.38 -23.14	19.70 1.45 -3.67	23.60 0.94 -13.72	56.72 0.89 -47.25	77.23 0.03 -77.11	33.19 0.84 -24.80	22.80 1.80 -4.16	19.12 1.74 0.00
HOLTSVILLE_IC_5 23694	41.57 1.57 -21.74	19.97 1.52 -1.06	20.52 1.48 -2.86	18.34 1.35 -1.69	19.23 1.56 0.00	20.24 1.46 -1.22	53.71 1.44 -37.04	25.79 1.99 -0.09	23.95 1.87 0.00	21.44 1.56 -1.12	28.54 1.39 -12.55	14.73 1.14 -2.06	23.66 1.27 -10.10	37.84 1.04 -26.34	26.11 1.31 -11.52	27.15 1.35 -12.53	38.45 1.38 -23.14	19.70 1.45 -3.67	23.60 0.94 -13.72	56.72 0.89 -47.25	77.23 0.03 -77.11	33.19 0.84 -24.80	22.80 1.80 -4.16	19.12 1.74 0.00
HOLTSVILLE_IC_6 23695	41.65 1.65 -21.74	20.02 1.57 -1.06	20.57 1.54 -2.86	18.40 1.40 -1.69	19.30 1.63 0.00	20.34 1.55 -1.22	53.80 1.54 -37.04	25.92 2.11 -0.09	24.07 1.98 0.00	21.53 1.64 -1.12	28.61 1.46 -12.55	14.79 1.20 -2.06	23.72 1.33 -10.10	37.89 1.08 -26.34	26.15 1.35 -11.52	27.22 1.42 -12.53	38.53 1.47 -23.14	19.80 1.56 -3.67	23.66 1.00 -13.72	56.79 0.96 -47.25	77.23 0.03 -77.11	33.25 0.90 -24.80	22.90 1.90 -4.16	19.20 1.83 0.00
HOLTSVILLE_IC_7 23696	41.65 1.65 -21.74	20.02 1.57 -1.06	20.57 1.54 -2.86	18.40 1.40 -1.69	19.30 1.63 0.00	20.34 1.55 -1.22	53.80 1.54 -37.04	25.92 2.11 -0.09	24.07 1.98 0.00	21.53 1.64 -1.12	28.61 1.46 -12.55	14.79 1.20 -2.06	23.72 1.33 -10.10	37.89 1.08 -26.34	26.15 1.35 -11.52	27.22 1.42 -12.53	38.53 1.47 -23.14	19.80 1.56 -3.67	23.66 1.00 -13.72	56.79 0.96 -47.25	77.23 0.03 -77.11	33.25 0.90 -24.80	22.90 1.90 -4.16	19.20 1.83 0.00
HOLTSVILLE_IC_8 23697	41.65 1.65 -21.74	20.02 1.57 -1.06	20.57 1.54 -2.86	18.40 1.40 -1.69	19.30 1.63 0.00	20.34 1.55 -1.22	53.80 1.54 -37.04	25.92 2.11 -0.09	24.07 1.98 0.00	21.53 1.64 -1.12	28.61 1.46 -12.55	14.79 1.20 -2.06	23.72 1.33 -10.10	37.89 1.08 -26.34	26.15 1.35 -11.52	27.22 1.42 -12.53	38.53 1.47 -23.14	19.80 1.56 -3.67	23.66 1.00 -13.72	56.79 0.96 -47.25	77.23 0.03 -77.11	33.25 0.90 -24.80	22.90 1.90 -4.16	19.20 1.83 0.00
HOLTSVILLE_IC_9 23698	41.65 1.65 -21.74	20.02 1.57 -1.06	20.57 1.54 -2.86	18.40 1.40 -1.69	19.30 1.63 0.00	20.34 1.55 -1.22	53.80 1.54 -37.04	25.92 2.11 -0.09	24.07 1.98 0.00	21.53 1.64 -1.12	28.61 1.46 -12.55	14.79 1.20 -2.06	23.72 1.33 -10.10	37.89 1.08 -26.34	26.15 1.35 -11.52	27.22 1.42 -12.53	38.53 1.47 -23.14	19.80 1.56 -3.67	23.66 1.00 -13.72	56.79 0.96 -47.25	77.23 0.03 -77.11	33.25 0.90 -24.80	22.90 1.90 -4.16	19.20 1.83 0.00
HOMER_HL_115KV_TB2 355744	20.47 1.75 -0.46	19.17 1.59 -0.18	18.14 1.68 -0.29	17.13 1.54 -0.28	19.60 1.92 0.00	19.81 2.05 -0.19	23.08 1.72 -6.14	26.08 2.35 -0.02	24.41 2.32 0.00	20.75 1.99 0.00	16.12 1.52 0.00	12.72 1.19 0.00	13.46 1.16 0.00	11.58 1.11 0.00	14.47 1.20 0.00	14.39 1.13 0.00	15.04 1.11 0.00	16.24 1.09 -0.57	11.43 0.70 -1.80	14.62 0.67 -5.37	12.64 -0.05 -12.60	11.71 0.73 -3.43	18.81 1.38 -0.60	19.25 1.87 0.00
HOWARD_WT_PWR 323690	19.52 0.74 -0.52	18.27 0.67 -0.20	17.31 0.81 -0.33	16.37 0.74 -0.32	18.61 0.94 0.00	18.79 0.99 -0.23	23.00 0.78 -7.00	24.66 0.92 -0.02	22.90 0.81 0.00	19.39 0.62 0.00	15.06 0.47 0.00	11.94 0.41 0.00	12.71 0.42 0.00	10.93 0.45 0.00	13.75 0.47 0.00	13.71 0.45 0.00	14.32 0.39 0.00	15.59 0.36 -0.65	11.28 0.30 -2.05	14.94 0.24 -6.12	14.42 -0.02 -14.36	11.72 0.26 -3.91	17.95 0.43 -0.69	18.17 0.80 0.00
HQ_GEN_CEDARS 23644	17.72 -0.57 -0.02	16.85 -0.55 -0.01	15.63 -0.56 -0.02	14.88 -0.45 -0.02	17.27 -0.41 0.00	16.87 -0.71 -0.01	15.16 -0.38 -0.32	23.29 -0.43 0.00	21.73 -0.36 0.00	18.60 -0.17 0.00	14.36 -0.23 0.00	11.31 -0.22 0.00	12.04 -0.25 0.00	10.26 -0.21 0.00	12.98 -0.30 0.00	12.95 -0.31 0.00	13.62 -0.31 0.00	14.24 -0.34 0.00	8.70 -0.24 0.00	8.35 -0.23 0.00	0.08 -0.01 0.00	-2.25 -0.21 9.59	-1.38 -0.40 17.81	-9.66 -0.52 26.52
HQ_GEN_CEDARS_PROXY 323590	17.69 -0.57 0.00	16.85 -0.55 0.00	15.62 -0.56 0.00	14.86 -0.44 0.00	17.27 -0.41 0.00	16.86 -0.71 0.00	14.83 -0.38 0.00	23.30 -0.41 0.00	21.72 -0.37 0.00	18.60 -0.16 0.00	14.36 -0.23 0.00	11.31 -0.22 0.00	12.04 -0.25 0.00	10.26 -0.21 0.00	12.98 -0.30 0.00	12.95 -0.31 0.00	13.62 -0.31 0.00	14.35 -0.34 -0.11	8.70 -0.24 0.00	8.35 -0.23 0.00	0.08 -0.01 0.00	-2.26 -0.22 9.59	-1.37 -0.39 17.81	-9.66 -0.51 26.52
HQ_GEN_IMPORT 323601	18.00 -0.26 0.00	17.15 -0.25 0.00	15.90 -0.28 0.00	15.06 -0.24 0.00	17.40 -0.28 0.00	17.23 -0.34 0.00	14.95 -0.27 0.00	23.39 -0.33 0.00	21.81 -0.28 0.00	18.60 -0.16 0.00	14.42 -0.17 0.00	11.39 -0.14 0.00	12.13 -0.16 0.00	10.34 -0.14 0.00	13.09 -0.18 0.00	13.21 -0.19 -0.14	13.74 -0.18 0.00	14.35 -0.22 0.00	8.77 -0.17 0.00	8.42 -0.16 0.00	0.09 0.00 0.00	5.41 -0.15 1.99	12.86 -0.26 3.71	11.49 -0.34 5.54
HQ_GEN_WHEEL 23651	18.00 -0.26 0.00	17.15 -0.25 0.00	15.90 -0.28 0.00	15.06 -0.24 0.00	17.40 -0.28 0.00	17.23 -0.34 0.00	14.95 -0.27 0.00	23.39 -0.33 0.00	21.81 -0.28 0.00	18.60 -0.16 0.00	14.42 -0.17 0.00	11.39 -0.14 0.00	12.13 -0.16 0.00	10.34 -0.14 0.00	13.09 -0.18 0.00	13.21 -0.19 -0.14	13.74 -0.18 0.00	14.35 -0.22 0.00	8.77 -0.17 0.00	8.42 -0.16 0.00	0.09 0.00 0.00	5.41 -0.15 1.99	12.86 -0.26 3.71	11.49 -0.34 5.54
HUDSON_AVE_GT_3 23810	22.00 1.01 -2.73	19.45 1.00 -1.06	18.87 0.98 -1.71	17.94 0.94 -1.69	18.72 1.04 0.00	19.86 1.08 -1.22	53.21 0.96 -37.04	25.34 1.54 -0.09	23.58 1.50 0.00	20.03 1.26 0.00	15.71 1.12 0.00	12.48 0.95 0.00	13.36 1.07 0.00	11.38 0.91 0.00	14.51 1.23 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.20 1.27 -3.37	20.28 0.77 -10.57	40.84 0.73 -31.53	74.46 0.01 -74.36	28.18 0.61 -20.02	21.68 1.31 -3.54	18.78 1.40 0.00
HUDSON_AVE_GT_4 23540	22.00 1.01 -2.73	19.45 1.00 -1.06	18.87 0.98 -1.71	17.94 0.94 -1.69	18.72 1.04 0.00	19.86 1.08 -1.22	53.21 0.96 -37.04	25.34 1.54 -0.09	23.58 1.50 0.00	20.03 1.26 0.00	15.71 1.12 0.00	12.48 0.95 0.00	13.36 1.07 0.00	11.38 0.91 0.00	14.51 1.23 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.20 1.27 -3.37	20.28 0.77 -10.57	40.84 0.73 -31.53	74.46 0.01 -74.36	28.18 0.61 -20.02	21.68 1.31 -3.54	18.78 1.40 0.00
HUDSON_AVE_GT_5 23657	22.00 1.01 -2.73	19.45 1.00 -1.06	18.87 0.98 -1.71	17.94 0.94 -1.69	18.72 1.04 0.00	19.86 1.08 -1.22	53.21 0.96 -37.04	25.34 1.54 -0.09	23.58 1.50 0.00	20.03 1.26 0.00	15.71 1.12 0.00	12.48 0.95 0.00	13.36 1.07 0.00	11.38 0.91 0.00	14.51 1.23 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.20 1.27 -3.37	20.28 0.77 -10.57	40.84 0.73 -31.53	74.46 0.01 -74.36	28.18 0.61 -20.02	21.68 1.31 -3.54	18.78 1.40 0.00

HUDSON_AVE_10 24168	21.94 0.96 -2.72	19.41 0.97 -1.04	18.84 0.96 -1.71	17.92 0.93 -1.69	18.70 1.02 0.00	19.83 1.05 -1.21	53.17 0.92 -37.03	25.30 1.49 -0.09	23.54 1.45 0.00	19.99 1.22 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.32 1.03 0.00	11.35 0.87 0.00	14.47 1.20 0.00	14.47 1.21 0.00	15.08 1.15 0.00	19.15 1.21 -3.37	20.24 0.73 -10.57	40.81 0.70 -31.53	74.46 0.01 -74.36	28.15 0.58 -20.02	21.63 1.26 -3.54	18.74 1.37 0.00
HUDSON___115KV_TB 4 355613	22.12 0.57 -3.29	19.20 0.53 -1.27	18.76 0.52 -2.06	17.84 0.49 -2.04	18.22 0.54 0.00	19.60 0.57 -1.46	60.01 0.51 -44.28	24.60 0.78 -0.10	22.59 0.51 0.00	19.02 0.26 0.00	14.84 0.25 0.00	11.73 0.19 0.00	12.52 0.23 0.00	10.65 0.18 0.00	13.55 0.28 0.00	13.58 0.32 0.00	14.33 0.40 0.00	19.13 0.45 -4.10	22.15 0.34 -12.88	47.32 0.34 -38.41	90.38 -0.01 -90.30	33.00 0.25 -25.19	21.82 0.53 -4.46	17.94 0.57 0.00
HUNTER MOUNT___DRP 323613	22.07 0.63 -3.18	19.20 0.58 -1.22	18.72 0.55 -1.99	17.80 0.53 -1.97	18.28 0.60 0.00	19.61 0.65 -1.40	58.50 0.59 -42.70	24.71 0.89 -0.10	22.62 0.54 0.00	19.02 0.26 0.00	14.83 0.23 0.00	11.71 0.18 0.00	12.51 0.22 0.00	10.64 0.17 0.00	13.53 0.26 0.00	13.56 0.30 0.00	14.33 0.40 0.00	18.98 0.45 -3.95	21.70 0.34 -12.42	45.98 0.35 -37.05	87.19 -0.01 -87.11	32.00 0.27 -24.17	21.68 0.58 -4.28	17.96 0.59 0.00
HUNTINGTON_RES_REC 323705	41.48 1.48 -21.74	19.87 1.41 -1.06	20.42 1.39 -2.85	18.25 1.26 -1.69	19.13 1.45 0.00	20.15 1.36 -1.22	53.62 1.35 -37.04	25.67 1.87 -0.09	23.84 1.75 0.00	21.35 1.47 -1.12	28.48 1.33 -12.55	14.69 1.10 -2.06	23.62 1.23 -10.10	37.81 1.00 -26.34	26.07 1.27 -11.52	27.11 1.31 -12.53	38.40 1.34 -23.14	19.66 1.41 -3.67	23.57 0.91 -13.72	56.69 0.87 -47.25	77.22 0.03 -77.11	33.16 0.81 -24.80	22.71 1.72 -4.16	19.03 1.66 0.00
HUNTLEY___63 23557	18.66 -0.01 -0.41	17.55 -0.01 -0.16	16.63 0.20 -0.26	15.70 0.14 -0.25	17.92 0.24 0.00	17.96 0.22 -0.17	20.62 -0.04 -5.45	23.18 -0.55 -0.01	21.75 -0.33 0.00	18.66 -0.10 0.00	14.54 -0.05 0.00	11.48 -0.05 0.00	12.14 -0.16 0.00	10.51 0.04 0.00	13.14 -0.13 0.00	13.07 -0.19 0.00	13.63 -0.29 0.00	14.69 -0.39 -0.51	10.32 -0.21 -1.60	13.06 -0.27 -4.76	11.20 -0.04 -11.16	10.48 -0.11 -3.04	16.98 -0.39 -0.54	17.58 0.21 0.00
HUNTLEY___64 23558	18.66 -0.01 -0.41	17.55 -0.01 -0.16	16.63 0.20 -0.26	15.70 0.14 -0.25	17.92 0.24 0.00	17.96 0.22 -0.17	20.62 -0.04 -5.45	23.18 -0.55 -0.01	21.75 -0.33 0.00	18.66 -0.10 0.00	14.54 -0.05 0.00	11.48 -0.05 0.00	12.14 -0.16 0.00	10.51 0.04 0.00	13.14 -0.13 0.00	13.07 -0.19 0.00	13.63 -0.29 0.00	14.69 -0.39 -0.51	10.32 -0.21 -1.60	13.06 -0.27 -4.76	11.20 -0.04 -11.16	10.48 -0.11 -3.04	16.98 -0.39 -0.54	17.58 0.21 0.00
HUNTLEY___65 23559	18.66 -0.01 -0.41	17.55 -0.01 -0.16	16.63 0.20 -0.26	15.70 0.14 -0.25	17.92 0.24 0.00	17.96 0.22 -0.17	20.62 -0.04 -5.45	23.18 -0.55 -0.01	21.75 -0.33 0.00	18.66 -0.10 0.00	14.54 -0.05 0.00	11.48 -0.05 0.00	12.14 -0.16 0.00	10.51 0.04 0.00	13.14 -0.13 0.00	13.07 -0.19 0.00	13.63 -0.29 0.00	14.69 -0.39 -0.51	10.32 -0.21 -1.60	13.06 -0.27 -4.76	11.20 -0.04 -11.16	10.48 -0.11 -3.04	16.98 -0.39 -0.54	17.58 0.21 0.00
HUNTLEY___66 23560	18.66 -0.01 -0.41	17.55 -0.01 -0.16	16.63 0.20 -0.26	15.70 0.14 -0.25	17.92 0.24 0.00	17.96 0.22 -0.17	20.62 -0.04 -5.45	23.18 -0.55 -0.01	21.75 -0.33 0.00	18.66 -0.10 0.00	14.54 -0.05 0.00	11.48 -0.05 0.00	12.14 -0.16 0.00	10.51 0.04 0.00	13.14 -0.13 0.00	13.07 -0.19 0.00	13.63 -0.29 0.00	14.69 -0.39 -0.51	10.32 -0.21 -1.60	13.06 -0.27 -4.76	11.20 -0.04 -11.16	10.48 -0.11 -3.04	16.98 -0.39 -0.54	17.58 0.21 0.00
HUNTLEY___67 23561	18.63 -0.05 -0.41	17.48 -0.08 -0.16	16.56 0.12 -0.26	15.63 0.07 -0.26	17.84 0.16 0.00	17.88 0.13 -0.17	20.65 -0.10 -5.53	23.11 -0.62 -0.01	21.71 -0.38 0.00	18.61 -0.15 0.00	14.52 -0.08 0.00	11.45 -0.08 0.00	12.11 -0.18 0.00	10.45 -0.03 0.00	13.11 -0.17 0.00	13.04 -0.22 0.00	13.61 -0.32 0.00	14.66 -0.43 -0.52	10.31 -0.24 -1.62	13.12 -0.29 -4.84	11.38 -0.06 -11.34	10.51 -0.13 -3.09	16.95 -0.42 -0.55	17.53 0.16 0.00
HUNTLEY___68 23562	18.63 -0.05 -0.41	17.48 -0.08 -0.16	16.56 0.12 -0.26	15.63 0.07 -0.26	17.84 0.16 0.00	17.88 0.13 -0.17	20.65 -0.10 -5.53	23.11 -0.62 -0.01	21.71 -0.38 0.00	18.61 -0.15 0.00	14.52 -0.08 0.00	11.45 -0.08 0.00	12.11 -0.18 0.00	10.45 -0.03 0.00	13.11 -0.17 0.00	13.04 -0.22 0.00	13.61 -0.32 0.00	14.66 -0.43 -0.52	10.31 -0.24 -1.62	13.12 -0.29 -4.84	11.38 -0.06 -11.34	10.51 -0.13 -3.09	16.95 -0.42 -0.55	17.53 0.16 0.00
HYLAND___LFG 323620	19.57 0.86 -0.44	18.29 0.72 -0.17	17.29 0.83 -0.28	16.34 0.76 -0.27	18.67 0.99 0.00	18.91 1.14 -0.20	22.11 0.95 -5.94	24.62 0.89 -0.01	22.50 0.42 0.00	19.12 0.35 0.00	14.85 0.25 0.00	11.73 0.19 0.00	12.45 0.15 0.00	10.67 0.19 0.00	13.45 0.17 0.00	13.42 0.16 0.00	14.03 0.10 0.00	15.26 0.13 -0.56	10.92 0.24 -1.74	13.99 0.22 -5.20	12.26 -0.02 -12.19	11.29 0.41 -3.32	18.11 0.69 -0.59	18.36 0.99 0.00
INDECK___CORINTH 23802	22.57 0.73 -3.57	19.43 0.65 -1.38	19.03 0.62 -2.24	18.11 0.59 -2.21	18.40 0.72 0.00	19.96 0.79 -1.59	63.96 0.75 -47.99	24.78 0.95 -0.11	22.77 0.69 0.00	19.21 0.44 0.00	14.96 0.37 0.00	11.82 0.28 0.00	12.63 0.34 0.00	10.77 0.30 0.00	13.68 0.41 0.00	13.72 0.46 0.00	14.53 0.60 0.00	19.75 0.73 -4.45	23.38 0.47 -13.98	50.71 0.45 -41.68	97.95 -0.02 -97.88	35.17 0.36 -27.25	22.38 0.73 -4.82	18.04 0.67 0.00
INDECK___ILION 23567	18.31 0.01 -0.03	17.42 0.01 -0.01	16.24 0.04 -0.02	15.36 0.03 -0.02	17.69 0.01 0.00	17.62 0.04 -0.01	15.71 0.03 -0.46	23.69 -0.03 0.00	21.94 -0.15 0.00	18.52 -0.24 0.00	14.43 -0.16 0.00	11.41 -0.12 0.00	12.18 -0.12 0.00	10.35 -0.12 0.00	13.13 -0.14 0.00	13.13 -0.13 0.00	13.82 -0.10 0.00	14.48 -0.09 0.00	8.92 -0.01 0.00	8.57 0.00 0.00	0.09 0.00 0.00	7.99 0.02 -0.42	17.60 -0.01 -0.79	18.69 -0.03 -1.34
INDECK___OLEAN 23982	20.47 1.75 -0.46	19.17 1.59 -0.18	18.14 1.68 -0.29	17.13 1.54 -0.28	19.60 1.92 0.00	19.82 2.05 -0.20	23.08 1.72 -6.14	26.09 2.36 -0.02	24.39 2.31 0.00	20.77 2.00 0.00	16.13 1.53 0.00	12.72 1.19 0.00	13.46 1.16 0.00	11.58 1.11 0.00	14.47 1.20 0.00	14.39 1.13 0.00	15.04 1.11 0.00	16.24 1.10 -0.57	11.43 0.70 -1.80	14.62 0.67 -5.37	12.64 -0.05 -12.60	11.70 0.72 -3.43	18.80 1.36 -0.60	19.27 1.90 0.00
INDECK___OSWEGO 23783	18.02 -0.48 -0.24	17.02 -0.47 -0.09	15.94 -0.38 -0.15	15.06 -0.40 -0.14	17.25 -0.42 0.00	17.29 -0.38 -0.10	18.00 -0.36 -3.14	23.02 -0.71 -0.01	21.42 -0.66 0.00	18.18 -0.59 0.00	14.15 -0.45 0.00	11.17 -0.36 0.00	11.90 -0.40 0.00	10.14 -0.33 0.00	12.84 -0.44 0.00	12.81 -0.45 0.00	13.45 -0.47 0.00	14.40 -0.47 -0.30	9.62 -0.25 -0.93	11.11 -0.25 -2.78	6.59 -0.01 -6.51	8.84 -0.19 -1.48	16.11 -0.49 0.23	15.94 -0.41 1.01

INDECK___YERKES 23781	18.68 0.01 -0.41	17.57 0.01 -0.16	16.65 0.22 -0.26	15.72 0.16 -0.25	17.94 0.26 0.00	17.99 0.24 -0.18	20.64 -0.02 -5.45	23.21 -0.52 -0.01	21.76 -0.32 0.00	18.70 -0.07 0.00	14.57 -0.02 0.00	11.49 -0.04 0.00	12.15 -0.14 0.00	10.52 0.05 0.00	13.16 -0.11 0.00	13.09 -0.17 0.00	13.65 -0.27 0.00	14.71 -0.37 -0.51	10.33 -0.20 -1.60	13.07 -0.26 -4.76	11.20 -0.05 -11.16	10.48 -0.11 -3.04	16.99 -0.38 -0.54	17.64 0.27 0.00
INDIAN POINT_GT_1 24139	21.89 0.92 -2.70	19.34 0.90 -1.04	18.75 0.88 -1.69	17.82 0.84 -1.67	18.62 0.94 0.00	19.76 0.98 -1.20	52.51 0.87 -36.42	25.18 1.37 -0.08	23.38 1.29 0.00	19.82 1.05 0.00	15.52 0.93 0.00	12.32 0.79 0.00	13.19 0.90 0.00	11.23 0.76 0.00	14.31 1.03 0.00	14.32 1.06 0.00	14.98 1.05 0.00	19.01 1.13 -3.31	20.03 0.70 -10.40	40.25 0.66 -31.01	73.23 0.01 -73.13	27.81 0.56 -19.70	21.49 1.17 -3.49	18.62 1.25 0.00
INDIAN POINT_GT_2 23659	21.89 0.92 -2.70	19.34 0.90 -1.04	18.75 0.88 -1.69	17.82 0.84 -1.67	18.62 0.94 0.00	19.76 0.98 -1.20	52.51 0.87 -36.42	25.18 1.37 -0.08	23.38 1.29 0.00	19.82 1.05 0.00	15.52 0.93 0.00	12.32 0.79 0.00	13.19 0.90 0.00	11.23 0.76 0.00	14.31 1.03 0.00	14.32 1.06 0.00	14.98 1.05 0.00	19.01 1.13 -3.31	20.03 0.70 -10.40	40.25 0.66 -31.01	73.23 0.01 -73.13	27.81 0.56 -19.70	21.49 1.17 -3.49	18.62 1.25 0.00
INDIAN POINT_GT_3 24019	21.89 0.92 -2.70	19.34 0.90 -1.04	18.75 0.88 -1.69	17.82 0.84 -1.67	18.62 0.94 0.00	19.76 0.98 -1.20	52.51 0.87 -36.42	25.18 1.37 -0.08	23.38 1.29 0.00	19.82 1.05 0.00	15.52 0.93 0.00	12.32 0.79 0.00	13.19 0.90 0.00	11.23 0.76 0.00	14.31 1.03 0.00	14.32 1.06 0.00	14.98 1.05 0.00	19.01 1.13 -3.31	20.03 0.70 -10.40	40.25 0.66 -31.01	73.23 0.01 -73.13	27.81 0.56 -19.70	21.49 1.17 -3.49	18.62 1.25 0.00
INDIAN POINT___2 23530	21.85 0.93 -2.66	19.33 0.90 -1.03	18.73 0.88 -1.66	17.79 0.84 -1.64	18.62 0.94 0.00	19.74 0.98 -1.19	51.31 0.87 -35.22	25.17 1.37 -0.08	23.37 1.28 0.00	19.81 1.04 0.00	15.52 0.92 0.00	12.32 0.79 0.00	13.19 0.90 0.00	11.23 0.76 0.00	14.30 1.03 0.00	14.32 1.06 0.00	14.98 1.05 0.00	18.90 1.13 -3.20	19.69 0.70 -10.06	39.25 0.66 -30.01	70.86 0.01 -70.76	27.17 0.55 -19.07	21.36 1.16 -3.37	18.62 1.25 0.00
INDIAN POINT___3 23531	21.88 0.92 -2.69	19.33 0.90 -1.03	18.74 0.88 -1.69	17.81 0.84 -1.67	18.61 0.93 0.00	19.74 0.98 -1.20	53.40 0.87 -37.32	25.19 1.39 -0.09	23.39 1.31 0.00	19.84 1.07 0.00	15.55 0.95 0.00	12.33 0.80 0.00	13.21 0.91 0.00	11.24 0.77 0.00	14.32 1.05 0.00	14.33 1.07 0.00	14.98 1.06 0.00	19.09 1.13 -3.39	20.28 0.69 -10.65	41.01 0.66 -31.77	75.03 0.01 -74.93	28.28 0.55 -20.18	21.58 1.18 -3.57	18.63 1.26 0.00
INGHAM_C_115KV_TB7 356103	18.22 -0.07 -0.03	17.35 -0.06 -0.01	16.17 -0.03 -0.02	15.31 -0.02 -0.02	17.58 -0.10 0.00	17.53 -0.05 -0.01	15.62 -0.05 -0.46	23.50 -0.22 0.00	21.59 -0.49 0.00	18.08 -0.68 0.00	14.10 -0.50 0.00	11.18 -0.35 0.00	11.93 -0.36 0.00	10.12 -0.35 0.00	12.85 -0.42 0.00	12.87 -0.39 0.00	13.61 -0.32 0.00	14.24 -0.33 0.00	8.83 -0.11 0.00	8.49 -0.08 0.00	0.08 -0.01 0.00	7.94 -0.03 -0.42	17.47 -0.14 -0.79	18.52 -0.19 -1.34
IP CORINTH___1 23988	22.57 0.73 -3.58	19.44 0.65 -1.39	19.03 0.62 -2.24	18.11 0.59 -2.21	18.40 0.72 0.00	19.96 0.79 -1.60	63.96 0.75 -47.99	24.81 0.98 -0.11	22.75 0.66 0.00	19.22 0.45 0.00	14.96 0.37 0.00	11.82 0.28 0.00	12.63 0.34 0.00	10.77 0.30 0.00	13.68 0.41 0.00	13.72 0.46 0.00	14.53 0.60 0.00	19.75 0.73 -4.45	23.38 0.47 -13.98	50.71 0.46 -41.68	97.95 -0.02 -97.88	35.16 0.35 -27.25	22.39 0.74 -4.82	18.05 0.68 0.00
IP___TICONDEROGA 23804	23.44 1.60 -3.57	20.16 1.37 -1.39	19.72 1.31 -2.23	18.76 1.25 -2.20	19.26 1.58 0.00	20.77 1.60 -1.60	64.60 1.46 -47.92	25.42 1.59 -0.11	23.16 1.08 0.00	19.80 1.04 0.00	15.31 0.72 0.00	12.02 0.49 0.00	12.90 0.60 0.00	11.03 0.55 0.00	14.01 0.73 0.00	14.09 0.83 0.00	15.11 1.18 0.00	20.37 1.36 -4.44	23.68 0.80 -13.95	50.94 0.77 -41.59	97.71 -0.07 -97.69	35.34 0.58 -27.21	22.89 1.25 -4.82	18.57 1.20 0.00
ISLIP_RES_REC 323679	41.73 1.74 -21.74	20.10 1.65 -1.06	20.64 1.61 -2.85	18.47 1.48 -1.69	19.40 1.72 0.00	20.44 1.66 -1.22	53.90 1.63 -37.04	26.07 2.26 -0.09	24.20 2.12 0.00	21.63 1.75 -1.12	28.69 1.55 -12.55	14.85 1.26 -2.06	23.79 1.40 -10.10	37.96 1.15 -26.34	26.23 1.43 -11.52	27.30 1.51 -12.53	38.62 1.55 -23.14	19.89 1.65 -3.67	23.72 1.06 -13.72	56.85 1.02 -47.25	77.23 0.03 -77.11	33.30 0.95 -24.80	23.00 2.01 -4.16	19.30 1.93 0.00
JAMAICA__27_KV_LOAD 355505	22.04 1.06 -2.72	19.58 1.14 -1.04	19.01 1.12 -1.71	18.10 1.11 -1.69	18.88 1.20 0.00	20.00 1.22 -1.21	53.28 1.03 -37.03	25.48 1.67 -0.09	23.71 1.62 0.00	20.13 1.36 0.00	15.75 1.15 0.00	12.49 0.96 0.00	13.37 1.07 0.00	11.41 0.93 0.00	14.56 1.29 0.00	14.56 1.30 0.00	15.14 1.21 0.00	19.19 1.25 -3.37	20.26 0.76 -10.57	40.83 0.72 -31.53	74.46 0.01 -74.36	28.17 0.60 -20.02	21.72 1.34 -3.54	18.84 1.47 0.00
JANIS___SOLAR 323808	19.78 0.87 -0.65	18.45 0.80 -0.25	17.38 0.80 -0.41	16.45 0.74 -0.40	18.59 0.91 0.00	18.85 0.99 -0.29	24.71 0.84 -8.65	24.37 0.63 -0.02	22.47 0.39 0.00	18.84 0.08 0.00	14.56 -0.04 0.00	11.47 -0.06 0.00	12.21 -0.08 0.00	10.42 -0.05 0.00	13.21 -0.06 0.00	13.19 -0.06 0.00	13.92 0.00 0.00	15.78 0.42 -0.79	11.90 0.42 -2.55	16.61 0.44 -7.60	17.91 -0.01 -17.83	12.83 0.42 -4.86	18.47 0.78 -0.86	18.23 0.86 0.00
JARVIS____ 23743	18.26 0.00 0.00	17.40 0.01 0.00	16.20 0.02 0.00	15.32 0.01 0.00	17.69 0.02 0.00	17.60 0.03 0.00	15.24 0.03 0.00	23.72 0.00 0.00	22.08 -0.01 0.00	18.73 -0.04 0.00	14.58 -0.02 0.00	11.52 -0.01 0.00	12.29 0.00 0.00	10.47 -0.01 0.00	13.26 -0.01 0.00	13.25 -0.01 0.00	13.91 -0.01 0.00	14.57 0.00 0.00	8.95 0.01 0.00	8.59 0.01 0.00	0.09 0.00 0.00	7.98 0.01 -0.42	17.61 0.00 -0.79	18.73 0.02 -1.34
JENNISON___1 23625	20.09 1.01 -0.82	18.68 0.94 -0.34	17.60 0.92 -0.50	16.65 0.85 -0.50	18.71 1.03 0.00	19.02 1.09 -0.36	27.06 0.98 -10.86	25.37 1.61 -0.04	23.52 1.43 0.00	19.84 1.08 0.00	15.35 0.75 0.00	12.11 0.58 0.00	12.87 0.58 0.00	10.97 0.49 0.00	13.88 0.61 0.00	13.87 0.61 0.00	14.59 0.67 0.00	16.34 0.72 -1.04	12.62 0.54 -3.15	18.50 0.53 -9.39	22.13 0.00 -22.04	14.04 0.48 -6.01	18.82 0.93 -1.06	18.37 1.00 0.00
JENNISON___2 23626	20.09 1.01 -0.82	18.68 0.94 -0.34	17.60 0.92 -0.50	16.65 0.85 -0.50	18.71 1.03 0.00	19.02 1.09 -0.36	27.06 0.98 -10.86	25.37 1.61 -0.04	23.52 1.43 0.00	19.84 1.08 0.00	15.35 0.75 0.00	12.11 0.58 0.00	12.87 0.58 0.00	10.97 0.49 0.00	13.88 0.61 0.00	13.87 0.61 0.00	14.59 0.67 0.00	16.34 0.72 -1.04	12.62 0.54 -3.15	18.50 0.53 -9.39	22.13 0.00 -22.04	14.04 0.48 -6.01	18.82 0.93 -1.06	18.37 1.00 0.00

JERICO_RISE_WT_PWR 323719	18.31 0.04 0.00	17.33 -0.07 0.00	15.91 -0.27 0.00	15.03 -0.28 0.00	17.28 -0.40 0.00	17.06 -0.51 0.00	14.86 -0.36 0.00	23.49 -0.23 0.00	22.03 -0.06 0.00	18.76 -0.01 0.00	14.26 -0.34 0.00	11.09 -0.45 0.00	11.69 -0.60 0.00	10.00 -0.47 0.00	12.68 -0.59 0.00	12.65 -0.61 0.00	13.27 -0.66 0.00	13.89 -0.68 0.00	8.50 -0.43 0.00	8.19 -0.39 0.00	0.06 -0.03 0.00	-2.89 -0.46 9.98	-2.55 -0.85 18.52	-11.15 -1.06 27.46
KATONAH__115KV_46KV_TB4 355592	22.02 0.99 -2.76	19.42 0.97 -1.06	18.84 0.93 -1.73	17.91 0.89 -1.71	18.68 1.00 0.00	19.85 1.06 -1.22	53.57 0.95 -37.39	25.32 1.51 -0.09	23.51 1.42 0.00	19.92 1.16 0.00	15.60 1.01 0.00	12.38 0.84 0.00	13.24 0.95 0.00	11.28 0.81 0.00	14.37 1.09 0.00	14.38 1.12 0.00	15.05 1.12 0.00	19.18 1.22 -3.40	20.36 0.75 -10.68	41.13 0.71 -31.84	75.19 0.01 -75.09	28.37 0.59 -20.22	21.67 1.26 -3.58	18.70 1.33 0.00
KCE_NY_1 323755	22.69 0.87 -3.56	19.59 0.82 -1.38	19.18 0.77 -2.23	18.22 0.72 -2.20	18.51 0.84 0.00	20.05 0.90 -1.59	63.83 0.81 -47.80	24.93 1.10 -0.11	22.96 0.88 0.00	19.37 0.60 0.00	15.09 0.50 0.00	11.93 0.40 0.00	12.75 0.45 0.00	10.86 0.39 0.00	13.79 0.52 0.00	13.82 0.56 0.00	14.59 0.67 0.00	19.78 0.78 -4.43	23.36 0.51 -13.91	50.54 0.49 -41.47	97.51 -0.01 -97.43	35.11 0.40 -27.16	22.46 0.82 -4.80	18.17 0.80 0.00
KCE_NY_6_ESR 323823	18.95 0.26 -0.43	17.76 0.20 -0.17	16.82 0.38 -0.27	15.87 0.30 -0.26	18.12 0.44 0.00	18.18 0.42 -0.19	21.13 0.16 -5.75	23.57 -0.16 -0.01	22.10 0.01 0.00	18.96 0.20 0.00	14.78 0.19 0.00	11.66 0.13 0.00	12.34 0.05 0.00	10.65 0.17 0.00	13.35 0.08 0.00	13.28 0.03 0.00	13.86 -0.06 0.00	14.95 -0.16 -0.54	10.54 -0.08 -1.68	13.47 -0.13 -5.02	11.82 -0.05 -11.78	10.76 0.00 -3.21	17.26 -0.14 -0.57	17.85 0.48 0.00
KEDC_PORT_JEFF_GT2 24210	41.61 1.61 -21.74	19.99 1.54 -1.06	20.54 1.51 -2.86	18.36 1.37 -1.69	19.26 1.58 0.00	20.28 1.50 -1.22	53.75 1.49 -37.04	25.85 2.04 -0.09	24.01 1.92 0.00	21.48 1.60 -1.12	28.57 1.42 -12.55	14.75 1.17 -2.06	23.69 1.30 -10.10	37.87 1.06 -26.34	26.13 1.33 -11.52	27.18 1.39 -12.53	38.49 1.43 -23.14	19.76 1.51 -3.67	23.64 0.98 -13.72	56.76 0.94 -47.25	77.22 0.03 -77.11	33.22 0.87 -24.80	22.84 1.85 -4.16	19.15 1.78 0.00
KEDC_PORT_JEFF_GT3 24211	41.61 1.61 -21.74	19.99 1.54 -1.06	20.54 1.51 -2.86	18.36 1.37 -1.69	19.26 1.58 0.00	20.28 1.50 -1.22	53.75 1.49 -37.04	25.85 2.04 -0.09	24.01 1.92 0.00	21.48 1.60 -1.12	28.57 1.42 -12.55	14.75 1.17 -2.06	23.69 1.30 -10.10	37.87 1.06 -26.34	26.13 1.33 -11.52	27.18 1.39 -12.53	38.49 1.43 -23.14	19.76 1.51 -3.67	23.64 0.98 -13.72	56.76 0.94 -47.25	77.22 0.03 -77.11	33.22 0.87 -24.80	22.84 1.85 -4.16	19.15 1.78 0.00
KEDC_GLWD_GT4 24219	41.25 1.25 -21.74	19.65 1.19 -1.06	20.04 1.16 -2.70	18.08 1.09 -1.69	18.91 1.23 0.00	20.01 1.22 -1.22	53.39 1.13 -37.04	25.49 1.69 -0.09	23.70 1.62 0.00	21.24 1.36 -1.12	28.37 1.22 -12.55	14.61 1.02 -2.06	23.54 1.15 -10.10	37.77 0.96 -26.34	26.07 1.28 -11.52	27.10 1.30 -12.53	38.36 1.30 -23.14	19.61 1.37 -3.67	23.51 0.85 -13.72	56.64 0.81 -47.25	77.21 0.02 -77.11	33.05 0.70 -24.80	22.48 1.49 -4.16	18.90 1.52 0.00
KEDC_GLWD_GT5 24220	41.25 1.25 -21.74	19.65 1.19 -1.06	20.04 1.16 -2.70	18.08 1.09 -1.69	18.91 1.23 0.00	20.01 1.22 -1.22	53.39 1.13 -37.04	25.49 1.69 -0.09	23.70 1.62 0.00	21.24 1.36 -1.12	28.37 1.22 -12.55	14.61 1.02 -2.06	23.54 1.15 -10.10	37.77 0.96 -26.34	26.07 1.28 -11.52	27.10 1.30 -12.53	38.36 1.30 -23.14	19.61 1.37 -3.67	23.51 0.85 -13.72	56.64 0.81 -47.25	77.21 0.02 -77.11	33.05 0.70 -24.80	22.48 1.49 -4.16	18.90 1.52 0.00
KENSICO____ 23655	21.94 0.96 -2.72	19.37 0.93 -1.04	18.79 0.91 -1.71	17.85 0.87 -1.68	18.65 0.97 0.00	19.78 1.01 -1.21	53.11 0.90 -36.99	25.23 1.43 -0.09	23.43 1.35 0.00	19.88 1.11 0.00	15.58 0.99 0.00	12.36 0.83 0.00	13.24 0.94 0.00	11.27 0.80 0.00	14.36 1.08 0.00	14.37 1.11 0.00	15.02 1.10 0.00	19.10 1.17 -3.36	20.21 0.72 -10.56	40.76 0.68 -31.50	74.38 0.01 -74.28	28.12 0.57 -20.00	21.58 1.21 -3.54	18.67 1.30 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.88 1.24 -2.38	19.56 1.27 -0.89	18.88 1.21 -1.50	17.91 1.13 -1.48	18.98 1.31 0.00	19.93 1.33 -1.04	48.25 1.13 -31.90	25.62 1.83 -0.07	23.83 1.75 0.00	20.15 1.39 0.00	15.72 1.13 0.00	12.45 0.91 0.00	13.22 0.93 0.00	11.26 0.79 0.00	14.34 1.07 0.00	14.36 1.10 0.00	15.05 1.12 0.00	18.73 1.25 -2.92	18.96 0.85 -9.17	36.75 0.82 -27.36	64.54 0.02 -64.43	25.76 0.72 -17.49	21.42 1.50 -3.10	19.05 1.68 0.00
KIAC_JFK_GT1 23816	21.94 0.95 -2.73	19.50 1.05 -1.06	18.92 1.03 -1.71	18.01 1.02 -1.69	18.79 1.11 0.00	19.92 1.13 -1.22	53.21 0.95 -37.04	25.35 1.54 -0.09	23.59 1.50 0.00	20.02 1.25 0.00	15.66 1.07 0.00	12.43 0.90 0.00	13.30 1.01 0.00	11.35 0.88 0.00	14.49 1.21 0.00	14.49 1.23 0.00	15.05 1.12 0.00	19.06 1.13 -3.37	20.18 0.67 -10.57	40.75 0.64 -31.53	74.47 0.02 -74.36	28.12 0.54 -20.02	21.57 1.20 -3.54	18.73 1.35 0.00
KIAC_JFK_GT2 23817	21.94 0.95 -2.73	19.50 1.05 -1.06	18.92 1.03 -1.71	18.01 1.02 -1.69	18.79 1.11 0.00	19.92 1.13 -1.22	53.21 0.95 -37.04	25.35 1.54 -0.09	23.59 1.50 0.00	20.02 1.25 0.00	15.66 1.07 0.00	12.43 0.90 0.00	13.30 1.01 0.00	11.35 0.88 0.00	14.49 1.21 0.00	14.49 1.23 0.00	15.05 1.12 0.00	19.06 1.13 -3.37	20.18 0.67 -10.57	40.75 0.64 -31.53	74.47 0.02 -74.36	28.12 0.54 -20.02	21.57 1.20 -3.54	18.73 1.35 0.00
KIAC_JFK____ 323774	21.94 0.95 -2.73	19.50 1.05 -1.06	18.92 1.03 -1.71	18.01 1.02 -1.69	18.79 1.11 0.00	19.92 1.13 -1.22	53.21 0.95 -37.04	25.35 1.54 -0.09	23.59 1.50 0.00	20.02 1.25 0.00	15.66 1.07 0.00	12.43 0.90 0.00	13.30 1.01 0.00	11.35 0.88 0.00	14.49 1.21 0.00	14.49 1.23 0.00	15.05 1.12 0.00	19.06 1.13 -3.37	20.18 0.67 -10.57	40.75 0.64 -31.53	74.47 0.02 -74.36	28.12 0.54 -20.02	21.57 1.20 -3.54	18.73 1.35 0.00
KINTIGH____ 23543	18.44 -0.20 -0.37	17.32 -0.22 -0.15	16.38 -0.03 -0.23	15.46 -0.08 -0.23	17.65 -0.03 0.00	17.69 -0.04 -0.16	19.89 -0.22 -4.90	22.99 -0.74 -0.01	21.57 -0.52 0.00	18.46 -0.31 0.00	14.39 -0.20 0.00	11.35 -0.18 0.00	12.02 -0.28 0.00	10.32 -0.15 0.00	13.00 -0.27 0.00	12.95 -0.31 0.00	13.51 -0.41 0.00	14.53 -0.50 -0.46	10.09 -0.28 -1.43	12.54 -0.31 -4.28	10.06 -0.06 -10.03	10.12 -0.17 -2.73	16.81 -0.50 -0.48	17.36 -0.01 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.85 0.56 -0.02	17.84 0.44 -0.01	16.40 0.21 -0.01	15.49 0.17 -0.01	17.76 0.09 0.00	17.57 0.00 -0.01	15.54 0.09 -0.24	24.21 0.49 0.00	22.63 0.54 0.00	19.16 0.39 0.00	14.50 -0.09 0.00	11.27 -0.26 0.00	11.87 -0.42 0.00	10.14 -0.33 0.00	12.98 -0.30 0.00	12.95 -0.31 0.00	13.61 -0.32 0.00	14.28 -0.29 0.00	8.74 -0.19 0.00	8.41 -0.17 0.00	0.04 -0.05 0.00	-2.83 -0.27 10.11	-2.33 -0.39 18.77	-11.03 -0.62 27.78

LACHUTE____HYDRO 323717	23.43 1.60 -3.57	20.15 1.37 -1.38	19.72 1.31 -2.23	18.76 1.25 -2.20	19.26 1.58 0.00	20.76 1.60 -1.59	64.59 1.46 -47.91	25.39 1.56 -0.11	23.19 1.10 0.00	19.78 1.02 0.00	15.31 0.72 0.00	12.02 0.49 0.00	12.90 0.60 0.00	11.03 0.55 0.00	14.01 0.73 0.00	14.09 0.83 0.00	15.11 1.18 0.00	20.37 1.36 -4.44	23.68 0.80 -13.95	50.94 0.77 -41.59	97.71 -0.07 -97.69	35.35 0.59 -27.21	22.88 1.24 -4.82	18.56 1.19 0.00
LAWRNCAV_115KV_TB1 80681	17.38 -0.92 -0.04	16.52 -0.89 -0.01	15.33 -0.87 -0.02	14.55 -0.77 -0.02	16.88 -0.80 0.00	16.52 -1.06 -0.02	15.03 -0.69 -0.51	22.83 -0.90 0.00	21.30 -0.79 0.00	18.26 -0.51 0.00	14.07 -0.52 0.00	11.06 -0.47 0.00	11.77 -0.53 0.00	10.03 -0.45 0.00	12.67 -0.60 0.00	12.63 -0.63 0.00	13.28 -0.65 0.00	13.90 -0.68 0.00	8.51 -0.43 0.00	8.17 -0.40 0.00	0.08 -0.01 0.00	-1.30 -0.38 8.47	0.34 -0.77 15.72	-7.33 -0.93 23.76
LEDERLE____ 23769	21.90 1.02 -2.61	19.39 0.98 -1.00	18.78 0.96 -1.64	17.84 0.92 -1.62	18.70 1.02 0.00	19.80 1.07 -1.16	50.01 0.93 -33.86	25.27 1.47 -0.08	23.46 1.38 0.00	19.87 1.11 0.00	15.57 0.97 0.00	12.35 0.82 0.00	13.23 0.94 0.00	11.27 0.80 0.00	14.36 1.09 0.00	14.37 1.11 0.00	15.04 1.12 0.00	18.87 1.21 -3.08	19.36 0.74 -9.68	38.16 0.71 -28.88	68.18 0.01 -68.08	26.48 0.59 -18.35	21.30 1.23 -3.25	18.71 1.34 0.00
LIGHTHSE_115KV_TB6 355974	17.99 -0.48 -0.21	17.03 -0.45 -0.08	15.99 -0.33 -0.13	15.05 -0.39 -0.13	17.30 -0.38 0.00	17.30 -0.36 -0.09	17.76 -0.30 -2.84	23.07 -0.66 -0.01	21.48 -0.61 0.00	18.19 -0.57 0.00	14.14 -0.45 0.00	11.15 -0.38 0.00	11.88 -0.42 0.00	10.11 -0.37 0.00	12.79 -0.48 0.00	12.71 -0.55 0.00	13.29 -0.64 0.00	14.23 -0.61 -0.27	9.50 -0.26 -2.50	10.82 -0.01 -5.87	5.95 -0.20 -0.83	8.18 -0.54 1.14	15.15 -0.52 2.68	14.17 -0.52 2.68
LINDEN COGEN____ 23786	21.86 0.86 -2.73	19.33 0.88 -1.06	18.76 0.87 -1.71	17.83 0.83 -1.69	18.59 0.92 0.00	19.72 0.93 -1.22	53.08 0.82 -37.04	25.14 1.34 -0.09	23.40 1.32 0.00	19.86 1.09 0.00	15.60 1.01 0.00	12.40 0.86 0.00	13.28 0.99 0.00	11.29 0.82 0.00	14.42 1.14 0.00	14.42 1.16 0.00	15.02 1.09 0.00	19.09 1.15 -3.37	20.20 0.70 -10.57	40.77 0.66 -31.53	74.47 0.02 -74.36	28.11 0.54 -20.02	21.53 1.16 -3.54	18.65 1.28 0.00
LINDHRST_69_KV_BK1 356055	41.57 1.58 -21.73	19.94 1.51 -1.04	20.47 1.46 -2.83	18.32 1.33 -1.69	19.21 1.53 0.00	20.22 1.44 -1.21	53.66 1.41 -37.03	25.83 2.03 -0.09	23.97 1.89 0.00	21.50 1.61 -1.12	28.56 1.42 -12.55	14.75 1.16 -2.06	23.68 1.29 -10.10	37.87 1.06 -26.34	26.17 1.37 -11.52	27.20 1.41 -12.53	38.49 1.42 -23.14	19.73 1.49 -3.67	23.61 0.96 -13.72	56.73 0.91 -47.25	77.22 0.03 -77.11	33.18 0.83 -24.80	22.83 1.84 -4.16	19.19 1.82 0.00
LIPA_MISC_IPP 23656	41.56 1.56 -21.73	19.94 1.50 -1.04	20.51 1.48 -2.86	18.34 1.34 -1.69	19.22 1.54 0.00	20.21 1.43 -1.21	53.69 1.44 -37.03	25.79 1.98 -0.09	23.87 1.79 0.00	21.39 1.51 -1.12	28.47 1.32 -12.55	14.67 1.08 -2.06	23.60 1.20 -10.10	37.79 0.98 -26.34	26.03 1.24 -11.52	27.09 1.29 -12.53	38.40 1.34 -23.14	19.67 1.43 -3.67	23.59 0.93 -13.72	56.71 0.89 -47.25	77.22 0.03 -77.11	33.16 0.81 -24.80	22.78 1.79 -4.16	19.12 1.75 0.00
LISF____SOLAR 323691	41.60 1.61 -21.74	19.99 1.54 -1.06	20.54 1.51 -2.86	18.37 1.37 -1.69	19.25 1.58 0.00	20.25 1.46 -1.22	53.72 1.46 -37.04	25.79 1.98 -0.09	23.91 1.82 0.00	21.39 1.51 -1.12	28.46 1.31 -12.55	14.66 1.07 -2.06	23.58 1.19 -10.10	37.78 0.97 -26.34	26.03 1.24 -11.52	27.08 1.29 -12.53	38.41 1.34 -23.14	19.68 1.43 -3.67	23.60 0.94 -13.72	56.73 0.90 -47.25	77.23 0.03 -77.11	33.20 0.84 -24.80	22.79 1.80 -4.16	19.13 1.76 0.00
LITTLE FALLS____HYD 24013	18.22 -0.07 -0.03	17.35 -0.06 -0.01	16.17 -0.03 -0.02	15.31 -0.02 -0.02	17.58 -0.10 0.00	17.53 -0.05 -0.01	15.62 -0.05 -0.46	23.50 -0.22 0.00	21.59 -0.49 0.00	18.08 -0.68 0.00	14.10 -0.50 0.00	11.18 -0.35 0.00	11.93 -0.36 0.00	10.12 -0.35 0.00	12.85 -0.42 0.00	12.87 -0.39 0.00	13.61 -0.32 0.00	14.24 -0.33 0.00	8.83 -0.11 0.00	8.49 -0.08 0.00	0.08 -0.01 0.00	7.94 -0.03 -0.42	17.47 -0.14 -0.79	18.52 -0.19 -1.34
LITTLRIV_115KV_TB1 356100	17.58 -0.73 -0.04	16.69 -0.72 -0.01	15.47 -0.73 -0.03	14.70 -0.64 -0.03	17.04 -0.63 0.00	16.68 -0.90 -0.02	15.20 -0.56 -0.54	23.03 -0.68 0.00	21.48 -0.60 0.00	18.41 -0.36 0.00	14.17 -0.42 0.00	11.14 -0.39 0.00	11.85 -0.44 0.00	10.10 -0.37 0.00	12.76 -0.51 0.00	12.72 -0.54 0.00	13.38 -0.55 0.00	14.01 -0.57 0.00	8.58 -0.36 0.00	8.25 -0.33 0.00	0.08 -0.01 0.00	-1.04 -0.31 8.28	0.84 -0.61 15.38	-6.71 -0.77 23.32
LI_NEWBRDGE____DRP 323616	41.26 1.27 -21.73	19.66 1.22 -1.04	20.24 1.20 -2.87	18.09 1.10 -1.69	18.93 1.25 0.00	19.94 1.16 -1.21	53.38 1.13 -37.03	25.42 1.62 -0.09	23.60 1.52 0.00	21.20 1.32 -1.12	28.33 1.18 -12.55	14.57 0.98 -2.06	23.51 1.11 -10.10	37.73 0.92 -26.34	26.00 1.20 -11.52	27.02 1.22 -12.53	38.29 1.22 -23.14	19.52 1.27 -3.67	23.47 0.81 -13.72	56.60 0.77 -47.25	77.22 0.02 -77.11	33.04 0.68 -24.80	22.51 1.52 -4.16	18.90 1.52 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.44 -0.22 -0.39	17.31 -0.24 -0.15	16.40 -0.03 -0.25	15.49 -0.06 -0.24	17.67 0.00 0.00	17.72 -0.02 -0.17	20.21 -0.25 -5.25	22.87 -0.87 -0.01	21.45 -0.64 0.00	18.40 -0.37 0.00	14.34 -0.25 0.00	11.31 -0.22 0.00	11.96 -0.33 0.00	10.44 -0.04 0.00	12.97 -0.31 0.00	12.88 -0.38 0.00	13.44 -0.49 0.00	14.47 -0.59 -0.49	10.15 -0.32 -1.54	12.78 -0.38 -4.58	10.79 -0.04 -10.74	10.28 -0.20 -2.92	16.76 -0.59 -0.52	17.38 0.01 0.00
LOCKPORT____CC1 323769	18.46 -0.20 -0.39	17.33 -0.22 -0.15	16.43 0.00 -0.25	15.51 -0.04 -0.24	17.70 0.02 0.00	17.74 0.00 -0.17	20.26 -0.24 -5.28	22.89 -0.84 -0.01	21.47 -0.61 0.00	18.44 -0.33 0.00	14.38 -0.21 0.00	11.33 -0.20 0.00	11.98 -0.31 0.00	10.43 -0.04 0.00	12.99 -0.28 0.00	12.91 -0.35 0.00	13.47 -0.46 0.00	14.50 -0.57 -0.49	10.17 -0.31 -1.54	12.82 -0.36 -4.61	10.86 -0.05 -10.81	10.29 -0.20 -2.94	16.77 -0.58 -0.52	17.44 0.06 0.00
LOCKPORT____CC2 323770	18.46 -0.20 -0.39	17.33 -0.22 -0.15	16.43 0.00 -0.25	15.51 -0.04 -0.24	17.70 0.02 0.00	17.74 0.00 -0.17	20.26 -0.24 -5.28	22.89 -0.84 -0.01	21.47 -0.61 0.00	18.44 -0.33 0.00	14.38 -0.21 0.00	11.33 -0.20 0.00	11.98 -0.31 0.00	10.43 -0.04 0.00	12.99 -0.28 0.00	12.91 -0.35 0.00	13.47 -0.46 0.00	14.50 -0.57 -0.49	10.17 -0.31 -1.54	12.82 -0.36 -4.61	10.86 -0.05 -10.81	10.29 -0.20 -2.94	16.77 -0.58 -0.52	17.44 0.06 0.00
LOCKPORT____CC3 323771	18.46 -0.20 -0.39	17.33 -0.22 -0.15	16.43 0.00 -0.25	15.51 -0.04 -0.24	17.70 0.02 0.00	17.74 0.00 -0.17	20.26 -0.24 -5.28	22.89 -0.84 -0.01	21.47 -0.61 0.00	18.44 -0.33 0.00	14.38 -0.21 0.00	11.33 -0.20 0.00	11.98 -0.31 0.00	10.43 -0.04 0.00	12.99 -0.28 0.00	12.91 -0.35 0.00	13.47 -0.46 0.00	14.50 -0.57 -0.49	10.17 -0.31 -1.54	12.82 -0.36 -4.61	10.86 -0.05 -10.81	10.29 -0.20 -2.94	16.77 -0.58 -0.52	17.44 0.06 0.00

LONG_LAKE_PHOENIX 24014	18.11 -0.39 -0.24	17.09 -0.40 -0.09	16.02 -0.31 -0.15	15.13 -0.33 -0.15	17.34 -0.34 0.00	17.38 -0.29 -0.10	18.16 -0.28 -3.21	23.17 -0.56 -0.01	21.54 -0.54 0.00	18.27 -0.50 0.00	14.22 -0.37 0.00	11.24 -0.30 0.00	11.96 -0.33 0.00	10.20 -0.27 0.00	12.91 -0.36 0.00	12.90 -0.36 0.00	13.54 -0.39 0.00	14.50 -0.37 -0.30	9.69 -0.19 -0.95	11.22 -0.19 -2.83	6.72 -0.01 -6.65	9.21 -0.15 -1.81	16.75 -0.40 -0.32	16.91 -0.33 0.14
LOVETT___3 23632	21.82 0.93 -2.62	19.31 0.91 -1.01	18.71 0.89 -1.65	17.77 0.84 -1.62	18.62 0.94 0.00	19.72 0.98 -1.17	50.02 0.86 -33.94	25.15 1.35 -0.08	23.34 1.25 0.00	19.77 1.01 0.00	15.48 0.89 0.00	12.29 0.76 0.00	13.17 0.88 0.00	11.22 0.74 0.00	14.28 1.01 0.00	14.30 1.04 0.00	14.96 1.03 0.00	18.78 1.12 -3.09	19.33 0.69 -9.70	38.17 0.65 -28.94	68.34 0.01 -68.24	26.48 0.54 -18.39	21.22 1.13 -3.25	18.62 1.24 0.00
LOVETT___4 23642	21.82 0.93 -2.62	19.31 0.91 -1.01	18.71 0.89 -1.65	17.77 0.84 -1.62	18.62 0.94 0.00	19.72 0.98 -1.17	50.02 0.86 -33.94	25.15 1.35 -0.08	23.34 1.25 0.00	19.77 1.01 0.00	15.48 0.89 0.00	12.29 0.76 0.00	13.17 0.88 0.00	11.22 0.74 0.00	14.28 1.01 0.00	14.30 1.04 0.00	14.96 1.03 0.00	18.78 1.12 -3.09	19.33 0.69 -9.70	38.17 0.65 -28.94	68.34 0.01 -68.24	26.48 0.54 -18.39	21.22 1.13 -3.25	18.62 1.24 0.00
LOVETT___5 23593	21.82 0.93 -2.62	19.31 0.91 -1.01	18.71 0.89 -1.65	17.77 0.84 -1.62	18.62 0.94 0.00	19.72 0.98 -1.17	50.02 0.86 -33.94	25.15 1.35 -0.08	23.34 1.25 0.00	19.77 1.01 0.00	15.48 0.89 0.00	12.29 0.76 0.00	13.17 0.88 0.00	11.22 0.74 0.00	14.28 1.01 0.00	14.30 1.04 0.00	14.96 1.03 0.00	18.78 1.12 -3.09	19.33 0.69 -9.70	38.17 0.65 -28.94	68.34 0.01 -68.24	26.48 0.54 -18.39	21.22 1.13 -3.25	18.62 1.24 0.00
LOWER_RAQUET___HYD 24057	17.23 -1.04 0.00	16.40 -1.00 0.00	15.20 -0.98 0.00	14.43 -0.88 0.00	16.76 -0.92 0.00	16.39 -1.18 0.00	14.43 -0.79 0.00	22.69 -1.03 0.00	21.15 -0.93 0.00	18.16 -0.61 0.00	13.98 -0.62 0.00	10.98 -0.55 0.00	11.68 -0.62 0.00	9.95 -0.53 0.00	12.57 -0.70 0.00	12.53 -0.73 0.00	13.16 -0.76 0.00	13.79 -0.79 0.00	8.45 -0.49 0.00	8.12 -0.46 0.00	0.08 -0.01 0.00	-0.99 -0.44 8.11	0.89 -0.89 15.06	-6.58 -1.07 22.89
LOWER___HUDSON 24059	22.37 0.63 -3.47	19.36 0.62 -1.34	18.95 0.60 -2.17	18.04 0.58 -2.14	18.31 0.62 0.00	19.78 0.66 -1.55	62.47 0.57 -46.67	24.64 0.81 -0.11	22.69 0.60 0.00	19.14 0.37 0.00	14.92 0.33 0.00	11.80 0.26 0.00	12.60 0.31 0.00	10.71 0.24 0.00	13.64 0.37 0.00	13.68 0.42 0.00	14.44 0.51 0.00	19.44 0.57 -4.29	22.80 0.38 -13.49	49.14 0.35 -40.21	94.71 -0.02 -94.63	34.41 0.27 -26.58	22.11 0.58 -4.70	17.95 0.58 0.00
LOWVILLE_115KV_TB2 356335	17.81 -0.55 -0.10	16.97 -0.47 -0.04	15.99 -0.25 -0.06	14.94 -0.43 -0.06	17.31 -0.36 0.00	17.22 -0.39 -0.04	16.35 -0.20 -1.33	23.18 -0.54 0.00	21.73 -0.35 0.00	18.42 -0.35 0.00	14.19 -0.41 0.00	11.12 -0.41 0.00	11.86 -0.43 0.00	10.06 -0.42 0.00	12.71 -0.56 0.00	12.62 -0.64 0.00	13.14 -0.79 0.00	13.98 -0.72 -0.12	9.03 -0.30 -0.39	9.49 -0.26 -1.18	2.84 -0.02 -2.76	5.96 -0.31 1.28	12.43 -0.76 3.64	14.28 -0.88 2.21
LUTHERFT_115KV_GLOB_FND_222 355753	22.68 0.86 -3.56	19.59 0.81 -1.39	19.18 0.77 -2.23	18.23 0.73 -2.20	18.52 0.84 0.00	20.06 0.89 -1.60	63.83 0.81 -47.81	24.96 1.13 -0.11	22.95 0.87 0.00	19.39 0.62 0.00	15.10 0.51 0.00	11.94 0.40 0.00	12.75 0.45 0.00	10.86 0.39 0.00	13.80 0.52 0.00	13.83 0.57 0.00	14.59 0.67 0.00	19.77 0.77 -4.43	23.35 0.51 -13.91	50.53 0.48 -41.47	97.50 -0.01 -97.43	35.10 0.39 -27.16	22.46 0.82 -4.80	18.19 0.81 0.00
LUTHERNY_35_KV_BK2 355980	22.69 0.87 -3.56	19.60 0.82 -1.39	19.18 0.77 -2.23	18.22 0.72 -2.20	18.52 0.84 0.00	20.06 0.89 -1.60	63.84 0.81 -47.81	24.95 1.12 -0.11	22.95 0.87 0.00	19.38 0.61 0.00	15.09 0.50 0.00	11.93 0.40 0.00	12.75 0.45 0.00	10.86 0.39 0.00	13.79 0.52 0.00	13.82 0.56 0.00	14.59 0.66 0.00	19.78 0.78 -4.43	23.36 0.51 -13.91	50.54 0.49 -41.47	97.51 -0.01 -97.43	35.10 0.39 -27.16	22.46 0.82 -4.80	18.18 0.80 0.00
LWR___OSWEGATCHIE_HYD 23850	17.37 -0.97 -0.07	16.52 -0.91 -0.03	15.45 -0.77 -0.05	14.55 -0.80 -0.05	16.87 -0.81 0.00	16.67 -0.93 -0.03	15.62 -0.61 -1.02	22.73 -0.99 0.00	21.22 -0.87 0.00	18.09 -0.68 0.00	13.95 -0.65 0.00	10.94 -0.59 0.00	11.65 -0.64 0.00	9.90 -0.57 0.00	12.51 -0.76 0.00	12.44 -0.81 0.00	13.01 -0.91 0.00	13.78 -0.89 -0.09	8.77 -0.47 -0.30	9.04 -0.43 -0.89	2.18 -0.01 -2.10	2.30 -0.43 4.82	5.97 -0.94 9.92	-0.02 -1.13 16.26
LYONS_FALL_HYD 23570	18.16 -0.20 -0.09	17.27 -0.16 -0.04	16.21 -0.03 -0.06	15.22 -0.15 -0.06	17.60 -0.08 0.00	17.51 -0.10 -0.04	16.45 0.00 -1.23	23.57 -0.15 0.00	22.00 -0.08 0.00	18.66 -0.10 0.00	14.41 -0.19 0.00	11.32 -0.21 0.00	12.08 -0.22 0.00	10.25 -0.22 0.00	12.97 -0.30 0.00	12.91 -0.35 0.00	13.50 -0.43 0.00	14.32 -0.37 -0.12	9.18 -0.12 -0.36	9.57 -0.10 -1.09	2.63 -0.01 -2.55	6.94 -0.13 0.48	14.43 -0.35 2.05	13.79 -0.40 3.18
MADISON___COUNTY_LFGE 323628	18.84 0.43 -0.14	17.85 0.40 -0.05	16.69 0.42 -0.09	15.76 0.36 -0.09	18.13 0.46 0.00	18.10 0.46 -0.06	17.55 0.41 -1.91	24.26 0.53 0.00	22.54 0.45 0.00	19.07 0.30 0.00	14.78 0.19 0.00	11.66 0.13 0.00	12.42 0.13 0.00	10.58 0.10 0.00	13.40 0.13 0.00	13.38 0.13 0.00	14.06 0.14 0.00	14.96 0.21 -0.18	9.71 0.21 -0.56	10.47 0.21 -1.68	4.04 -0.01 -3.95	8.83 0.20 -1.08	17.37 0.35 -0.19	18.21 0.40 -0.44
MALONE___115KV_TB1 356076	18.22 -0.07 -0.02	17.25 -0.15 -0.01	15.88 -0.31 -0.02	15.02 -0.30 -0.02	17.29 -0.38 0.00	17.07 -0.51 -0.01	15.25 -0.30 -0.34	23.56 -0.16 0.00	22.04 -0.05 0.00	18.81 0.04 0.00	14.33 -0.26 0.00	11.17 -0.37 0.00	11.80 -0.49 0.00	10.08 -0.40 0.00	12.76 -0.51 0.00	12.73 -0.53 0.00	13.36 -0.57 0.00	14.00 -0.58 0.00	8.57 -0.36 0.00	8.25 -0.33 0.00	0.06 -0.03 0.00	-2.35 -0.39 9.51	-1.53 -0.71 17.65	-9.86 -0.92 26.31
MAPLEWOD_115KV_TB3 80458	22.35 0.64 -3.45	19.34 0.61 -1.33	18.93 0.59 -2.16	18.01 0.57 -2.13	18.28 0.61 0.00	19.74 0.64 -1.54	62.22 0.57 -46.43	24.68 0.85 -0.11	22.73 0.64 0.00	19.20 0.43 0.00	14.97 0.37 0.00	11.83 0.30 0.00	12.63 0.34 0.00	10.75 0.27 0.00	13.68 0.40 0.00	13.73 0.47 0.00	14.48 0.55 0.00	19.44 0.60 -4.26	22.72 0.41 -13.38	48.87 0.38 -39.91	94.04 -0.02 -93.97	34.32 0.28 -26.49	22.11 0.60 -4.69	17.99 0.62 0.00
MAPLE_RIDGE_WT_1 323574	17.67 -0.60 0.00	16.88 -0.52 0.00	15.78 -0.40 0.00	14.81 -0.50 0.00	17.16 -0.52 0.00	17.01 -0.56 0.00	14.76 -0.46 0.00	22.99 -0.73 0.00	21.71 -0.37 0.00	18.53 -0.24 0.00	14.30 -0.29 0.00	11.20 -0.33 0.00	11.92 -0.37 0.00	10.16 -0.31 0.00	12.86 -0.41 0.00	12.81 -0.45 0.00	13.38 -0.54 0.00	14.06 -0.51 0.00	8.58 -0.36 0.00	8.25 -0.32 0.00	0.06 -0.03 0.00	-12.13 -0.39 19.29	-20.00 -1.01 35.81	-35.88 -0.85 52.41

MAPLE_RIDGE_WT_2 323611	17.67 -0.60 0.00	16.88 -0.52 0.00	15.78 -0.40 0.00	14.81 -0.50 0.00	17.16 -0.52 0.00	17.01 -0.56 0.00	14.76 -0.46 0.00	22.99 -0.73 0.00	21.71 -0.37 0.00	18.53 -0.24 0.00	14.30 -0.29 0.00	11.20 -0.33 0.00	11.92 -0.37 0.00	10.16 -0.31 0.00	12.86 -0.41 0.00	12.81 -0.45 0.00	13.38 -0.54 0.00	14.06 -0.51 0.00	8.58 -0.36 0.00	8.25 -0.32 0.00	0.06 -0.03 0.00	-12.13 -0.39 19.29	-20.00 -1.01 35.81	-35.88 -0.85 52.41
MARBLE_RIVER_WT_PWR 323696	18.31 0.05 0.00	17.34 -0.06 0.00	15.92 -0.26 0.00	15.03 -0.27 0.00	17.28 -0.40 0.00	17.06 -0.51 0.00	14.87 -0.35 0.00	23.49 -0.23 0.00	22.03 -0.06 0.00	18.75 -0.02 0.00	14.25 -0.35 0.00	11.07 -0.46 0.00	11.67 -0.63 0.00	9.98 -0.49 0.00	12.66 -0.61 0.00	12.62 -0.64 0.00	13.23 -0.69 0.00	13.87 -0.70 0.00	8.50 -0.44 0.00	8.18 -0.40 0.00	0.06 -0.03 0.00	-3.11 -0.48 10.19	-2.97 -0.88 18.91	-11.69 -1.09 27.97
MARSHVLE_115KV_TB1 80742	23.84 1.31 -4.26	20.30 1.24 -1.67	19.98 1.15 -2.66	18.98 1.05 -2.63	18.99 1.32 0.00	20.84 1.36 -1.91	73.51 1.23 -57.06	25.69 1.84 -0.14	23.70 1.61 0.00	20.17 1.40 0.00	15.62 1.03 0.00	12.30 0.77 0.00	13.05 0.76 0.00	11.11 0.64 0.00	14.05 0.78 0.00	13.99 0.73 0.00	14.66 0.73 0.00	20.74 0.84 -5.33	26.24 0.58 -16.73	59.09 0.61 -49.90	117.15 0.03 -117.03	40.40 0.57 -32.28	23.74 1.20 -5.71	18.60 1.22 0.00
MARSH_HILL_WT_PWR 323713	19.50 0.72 -0.52	18.25 0.66 -0.20	17.29 0.79 -0.32	16.35 0.73 -0.32	18.59 0.92 0.00	18.77 0.97 -0.23	22.89 0.77 -6.90	24.64 0.90 -0.02	22.87 0.78 0.00	19.37 0.60 0.00	15.06 0.46 0.00	11.94 0.41 0.00	12.71 0.42 0.00	10.92 0.45 0.00	13.74 0.47 0.00	13.71 0.45 0.00	14.31 0.38 0.00	15.57 0.35 -0.65	11.25 0.29 -2.02	14.85 0.24 -6.03	14.22 -0.03 -14.16	11.66 0.26 -3.86	17.93 0.41 -0.68	18.16 0.78 0.00
MCINTYRE_115KV_TB2 80467	17.81 -0.49 -0.04	16.91 -0.50 -0.01	15.67 -0.53 -0.02	14.90 -0.43 -0.02	17.28 -0.40 0.00	16.92 -0.67 -0.02	15.37 -0.34 -0.49	23.36 -0.36 0.00	21.75 -0.34 0.00	18.63 -0.13 0.00	14.37 -0.23 0.00	11.30 -0.23 0.00	12.03 -0.27 0.00	10.25 -0.22 0.00	12.95 -0.33 0.00	12.91 -0.35 0.00	13.59 -0.34 0.00	14.22 -0.35 0.00	8.70 -0.24 0.00	8.37 -0.21 0.00	0.08 -0.01 0.00	-1.20 -0.19 8.56	0.58 -0.36 15.89	-7.14 -0.51 24.00
MECO____69_KV_BK1 80468	24.09 1.77 -4.05	20.61 1.63 -1.58	20.20 1.49 -2.53	19.20 1.39 -2.50	19.38 1.70 0.00	21.09 1.70 -1.82	70.97 1.47 -54.29	25.80 1.95 -0.13	23.57 1.49 0.00	19.80 1.04 0.00	15.36 0.77 0.00	12.09 0.56 0.00	12.85 0.56 0.00	10.97 0.49 0.00	13.87 0.59 0.00	13.89 0.63 0.00	14.64 0.71 0.00	20.58 0.94 -5.07	25.62 0.78 -15.90	56.82 0.81 -47.42	111.34 0.02 -111.24	39.05 0.77 -30.73	23.83 1.56 -5.44	19.04 1.67 0.00
MENANDS__115KV_TB5 355628	22.04 0.36 -3.41	19.07 0.35 -1.32	18.67 0.36 -2.14	17.77 0.35 -2.11	18.02 0.34 0.00	19.44 0.35 -1.52	61.47 0.32 -45.93	24.30 0.46 -0.11	22.39 0.30 0.00	18.93 0.16 0.00	14.79 0.19 0.00	11.70 0.16 0.00	12.49 0.20 0.00	10.63 0.15 0.00	13.55 0.28 0.00	13.59 0.33 0.00	14.32 0.39 0.00	19.19 0.41 -4.21	22.44 0.28 -13.22	48.28 0.26 -39.44	92.97 -0.02 -92.90	33.94 0.15 -26.24	21.79 0.32 -4.64	17.72 0.35 0.00
MG INDUSTRY__DRP 24185	22.09 0.50 -3.33	19.17 0.49 -1.28	18.75 0.48 -2.09	17.81 0.45 -2.06	18.16 0.48 0.00	19.54 0.49 -1.48	60.46 0.42 -44.83	24.43 0.60 -0.10	22.52 0.44 0.00	19.03 0.27 0.00	14.85 0.25 0.00	11.74 0.21 0.00	12.54 0.24 0.00	10.67 0.20 0.00	13.54 0.27 0.00	13.54 0.28 0.00	14.26 0.33 0.00	19.12 0.37 -4.19	22.34 0.26 -13.15	48.03 0.25 -39.21	92.15 0.01 -92.05	33.30 0.19 -25.56	21.76 0.40 -4.52	17.82 0.45 0.00
MID__OSWEGATCHIE_HYD 23849	17.37 -0.97 -0.07	16.52 -0.91 -0.03	15.45 -0.77 -0.05	14.55 -0.80 -0.05	16.87 -0.81 0.00	16.67 -0.93 -0.03	15.62 -0.61 -1.02	22.73 -0.99 0.00	21.22 -0.87 0.00	18.09 -0.68 0.00	13.95 -0.65 0.00	10.94 -0.59 0.00	11.65 -0.64 0.00	9.90 -0.57 0.00	12.51 -0.76 0.00	12.44 -0.81 0.00	13.01 -0.91 0.00	13.78 -0.89 -0.09	8.77 -0.47 -0.30	9.04 -0.43 -0.89	2.18 -0.01 -2.10	2.30 -0.43 4.82	5.97 -0.94 9.92	-0.02 -1.13 16.26
MID__RAQUETTE_HYD 23851	17.27 -1.03 -0.04	16.42 -1.00 -0.01	15.23 -0.98 -0.03	14.45 -0.88 -0.03	16.76 -0.92 0.00	16.41 -1.18 -0.02	15.00 -0.79 -0.57	22.67 -1.05 0.00	21.16 -0.93 0.00	18.15 -0.62 0.00	13.98 -0.62 0.00	10.98 -0.55 0.00	11.68 -0.62 0.00	9.95 -0.53 0.00	12.57 -0.70 0.00	12.53 -0.73 0.00	13.17 -0.76 0.00	13.79 -0.79 0.00	8.45 -0.49 0.00	8.12 -0.46 0.00	0.08 -0.01 0.00	-0.99 -0.44 8.11	0.88 -0.89 15.06	-6.59 -1.07 22.89
MILLIKEN__1 23584	19.20 0.43 -0.51	17.99 0.39 -0.20	16.89 0.39 -0.32	15.99 0.36 -0.31	18.12 0.45 0.00	18.31 0.52 -0.22	22.47 0.43 -6.82	24.23 0.49 -0.02	22.48 0.40 0.00	18.99 0.22 0.00	14.74 0.15 0.00	11.61 0.08 0.00	12.36 0.07 0.00	10.55 0.07 0.00	13.39 0.11 0.00	13.35 0.09 0.00	14.06 0.13 0.00	15.44 0.24 -0.63	11.14 0.20 -1.99	14.74 0.22 -5.95	14.03 -0.01 -13.95	11.57 0.22 -3.80	17.86 0.36 -0.67	17.85 0.47 0.00
MILLIKEN__2 23585	19.20 0.43 -0.51	17.99 0.39 -0.20	16.89 0.39 -0.32	15.99 0.36 -0.31	18.12 0.45 0.00	18.31 0.52 -0.22	22.47 0.43 -6.82	24.23 0.49 -0.02	22.48 0.40 0.00	18.99 0.22 0.00	14.74 0.15 0.00	11.61 0.08 0.00	12.36 0.07 0.00	10.55 0.07 0.00	13.39 0.11 0.00	13.35 0.09 0.00	14.06 0.13 0.00	15.44 0.24 -0.63	11.14 0.20 -1.99	14.74 0.22 -5.95	14.03 -0.01 -13.95	11.57 0.22 -3.80	17.86 0.36 -0.67	17.85 0.47 0.00
MILLIKEN__DIESEL 23629	19.20 0.43 -0.51	17.99 0.39 -0.20	16.89 0.39 -0.32	15.99 0.36 -0.31	18.12 0.45 0.00	18.31 0.52 -0.22	22.47 0.43 -6.82	24.23 0.49 -0.02	22.48 0.40 0.00	18.99 0.22 0.00	14.74 0.15 0.00	11.61 0.08 0.00	12.36 0.07 0.00	10.55 0.07 0.00	13.39 0.11 0.00	13.35 0.09 0.00	14.06 0.13 0.00	15.44 0.24 -0.63	11.14 0.20 -1.99	14.74 0.22 -5.95	14.03 -0.01 -13.95	11.57 0.22 -3.80	17.86 0.36 -0.67	17.85 0.47 0.00
MILLSEAT__LFGE 323607	18.61 -0.01 -0.36	17.49 -0.05 -0.14	16.53 0.13 -0.22	15.61 0.08 -0.22	17.86 0.18 0.00	17.98 0.24 -0.16	20.12 0.07 -4.83	23.39 -0.34 -0.01	21.30 -0.78 0.00	18.18 -0.58 0.00	14.13 -0.47 0.00	11.11 -0.42 0.00	11.79 -0.51 0.00	10.77 0.29 0.00	13.03 -0.24 0.00	12.92 -0.34 0.00	13.51 -0.42 0.00	14.62 -0.42 -0.46	10.23 -0.15 -1.44	12.69 -0.19 -4.30	10.14 -0.04 -10.10	10.26 -0.04 -2.75	17.04 -0.27 -0.49	17.64 0.27 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.90 0.93 -2.71	19.35 0.91 -1.04	18.76 0.89 -1.70	17.83 0.84 -1.68	18.63 0.95 0.00	19.77 0.99 -1.21	52.89 0.88 -36.80	25.20 1.39 -0.08	23.40 1.31 0.00	19.84 1.08 0.00	15.55 0.95 0.00	12.34 0.80 0.00	13.21 0.91 0.00	11.25 0.77 0.00	14.32 1.05 0.00	14.33 1.08 0.00	14.99 1.07 0.00	19.06 1.14 -3.35	20.14 0.70 -10.51	40.58 0.67 -31.34	74.00 0.01 -73.89	28.01 0.56 -19.90	21.54 1.19 -3.52	18.64 1.27 0.00

MILLWOOD_13_KV_LOAD 356217	21.94 0.97 -2.71	19.38 0.94 -1.04	18.80 0.92 -1.70	17.86 0.88 -1.68	18.66 0.98 0.00	19.81 1.03 -1.21	52.93 0.91 -36.80	25.25 1.45 -0.08	23.46 1.37 0.00	19.88 1.12 0.00	15.58 0.99 0.00	12.36 0.83 0.00	13.24 0.94 0.00	11.27 0.80 0.00	14.36 1.08 0.00	14.37 1.11 0.00	15.03 1.10 0.00	19.10 1.18 -3.35	20.17 0.73 -10.51	40.60 0.69 -31.34	74.00 0.01 -73.89	28.03 0.58 -19.90	21.57 1.23 -3.52	18.69 1.31 0.00
MODEL_CITY_ENERGY 24167	18.25 -0.41 -0.40	17.14 -0.41 -0.15	16.24 -0.18 -0.25	15.34 -0.21 -0.25	17.49 -0.18 0.00	17.55 -0.20 -0.18	20.12 -0.42 -5.31	22.60 -1.13 -0.01	21.22 -0.87 0.00	18.23 -0.54 0.00	14.22 -0.37 0.00	11.21 -0.32 0.00	11.85 -0.45 0.00	10.29 -0.19 0.00	12.83 -0.44 0.00	12.76 -0.50 0.00	13.31 -0.62 0.00	14.33 -0.74 -0.50	10.08 -0.41 -1.56	12.75 -0.47 -4.64	10.94 -0.04 -10.89	10.22 -0.29 -2.96	16.57 -0.78 -0.52	17.24 -0.13 0.00
MODERN_LFGE_ 323580	18.25 -0.41 -0.40	17.14 -0.41 -0.15	16.24 -0.18 -0.25	15.34 -0.21 -0.25	17.49 -0.18 0.00	17.55 -0.20 -0.18	20.12 -0.42 -5.31	22.60 -1.13 -0.01	21.22 -0.87 0.00	18.23 -0.54 0.00	14.22 -0.37 0.00	11.21 -0.32 0.00	11.85 -0.45 0.00	10.29 -0.19 0.00	12.83 -0.44 0.00	12.76 -0.50 0.00	13.31 -0.62 0.00	14.33 -0.74 -0.50	10.08 -0.41 -1.56	12.75 -0.47 -4.64	10.94 -0.04 -10.89	10.22 -0.29 -2.96	16.57 -0.78 -0.52	17.24 -0.13 0.00
MOHAWK_PAPER___DRP 24187	22.35 0.64 -3.45	19.34 0.61 -1.33	18.93 0.59 -2.16	18.01 0.57 -2.13	18.28 0.61 0.00	19.74 0.64 -1.54	62.22 0.57 -46.43	24.68 0.85 -0.11	22.73 0.64 0.00	19.20 0.43 0.00	14.97 0.37 0.00	11.83 0.30 0.00	12.63 0.34 0.00	10.75 0.27 0.00	13.68 0.40 0.00	13.73 0.47 0.00	14.48 0.55 0.00	19.44 0.60 -4.26	22.72 0.41 -13.38	48.87 0.38 -39.91	94.04 -0.02 -93.97	34.32 0.28 -26.49	22.11 0.60 -4.69	17.99 0.62 0.00
MOHICAN__35_KV_115KV_LD 80490	22.68 0.85 -3.57	19.55 0.77 -1.39	19.14 0.73 -2.23	18.21 0.70 -2.20	18.52 0.84 0.00	20.07 0.90 -1.60	63.93 0.84 -47.87	24.93 1.10 -0.11	22.86 0.77 0.00	19.32 0.56 0.00	15.02 0.43 0.00	11.86 0.33 0.00	12.68 0.39 0.00	10.81 0.34 0.00	13.73 0.46 0.00	13.79 0.53 0.00	14.61 0.69 0.00	19.82 0.81 -4.44	23.39 0.52 -13.93	50.62 0.51 -41.54	97.65 -0.02 -97.58	35.14 0.39 -27.19	22.48 0.84 -4.81	18.17 0.80 0.00
MONGAUP___HYD 23641	21.61 0.93 -2.42	19.22 0.88 -0.93	18.54 0.85 -1.51	17.60 0.80 -1.49	18.58 0.90 0.00	19.57 0.93 -1.08	47.71 0.81 -31.67	25.09 1.29 -0.07	23.20 1.12 0.00	19.59 0.83 0.00	15.24 0.65 0.00	12.06 0.52 0.00	12.89 0.60 0.00	10.98 0.50 0.00	13.96 0.69 0.00	13.97 0.71 0.00	14.64 0.71 0.00	18.21 0.75 -2.89	18.42 0.42 -9.07	36.05 0.43 -27.04	63.84 0.02 -63.73	25.18 0.45 -17.18	20.81 0.93 -3.04	18.55 1.18 0.00
MONTAUK___DIESEL 23721	42.08 2.09 -21.73	20.44 2.00 -1.04	20.98 1.95 -2.86	18.80 1.81 -1.69	19.78 2.10 0.00	20.80 2.03 -1.21	54.26 2.01 -37.03	26.64 2.84 -0.09	24.59 2.51 0.00	21.97 2.08 -1.12	28.91 1.76 -12.55	15.02 1.43 -2.06	23.95 1.56 -10.10	38.07 1.26 -26.34	26.41 1.61 -11.52	27.48 1.68 -12.53	38.84 1.78 -23.14	20.17 1.92 -3.67	23.90 1.25 -13.72	57.03 1.20 -47.25	77.23 0.03 -77.11	33.45 1.10 -24.80	23.38 2.39 -4.16	19.64 2.27 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.16 1.46 -0.44	18.89 1.32 -0.17	17.87 1.42 -0.28	16.87 1.29 -0.27	19.30 1.62 0.00	19.43 1.68 -0.18	22.44 1.32 -5.91	25.42 1.68 -0.01	23.96 1.87 0.00	20.44 1.67 0.00	15.87 1.27 0.00	12.52 0.99 0.00	13.23 0.94 0.00	11.38 0.91 0.00	14.15 0.87 0.00	14.08 0.82 0.00	14.77 0.84 0.00	15.93 0.81 -0.55	11.19 0.52 -1.73	14.22 0.48 -5.16	12.15 -0.05 -12.11	11.43 0.58 -3.30	18.45 1.04 -0.58	18.97 1.60 0.00
MORTIMER_115KV_TB3 55949	18.53 -0.07 -0.33	17.43 -0.10 -0.13	16.42 0.04 -0.21	15.51 0.00 -0.21	17.74 0.06 0.00	17.81 0.10 -0.14	19.65 -0.02 -4.45	23.39 -0.33 -0.01	21.87 -0.22 0.00	18.65 -0.12 0.00	14.53 -0.06 0.00	11.47 -0.07 0.00	12.16 -0.14 0.00	10.35 -0.12 0.00	13.13 -0.14 0.00	13.10 -0.16 0.00	13.70 -0.22 0.00	14.74 -0.25 -0.42	10.13 -0.11 -1.31	12.34 -0.13 -3.89	9.18 -0.04 -9.13	10.00 -0.04 -2.49	17.04 -0.23 -0.44	17.47 0.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.97 0.98 -2.72	19.40 0.96 -1.04	18.83 0.94 -1.71	17.90 0.91 -1.69	18.69 1.01 0.00	19.82 1.05 -1.21	53.18 0.93 -37.03	25.30 1.49 -0.09	23.52 1.44 0.00	19.97 1.20 0.00	15.67 1.07 0.00	12.44 0.90 0.00	13.32 1.03 0.00	11.34 0.87 0.00	14.45 1.18 0.00	14.46 1.20 0.00	15.09 1.16 0.00	19.17 1.23 -3.37	20.25 0.75 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.37	28.16 0.59 -20.02	21.65 1.27 -3.55	18.74 1.36 0.00
MUNSVILLE_WIND_PWR 323609	20.40 1.40 -0.73	19.03 1.35 -0.28	17.95 1.32 -0.46	16.98 1.22 -0.45	19.17 1.49 0.00	19.43 1.54 -0.32	26.46 1.42 -9.82	26.66 2.91 -0.03	24.54 2.46 0.00	20.64 1.87 0.00	15.76 1.17 0.00	12.41 0.88 0.00	13.13 0.84 0.00	11.15 0.67 0.00	14.10 0.82 0.00	14.11 0.86 0.00	14.89 0.97 0.00	16.44 0.90 -0.96	12.52 0.73 -2.85	17.81 0.73 -8.50	20.03 0.00 -19.94	13.65 0.67 -5.44	19.08 1.29 -0.96	18.71 1.33 0.00
N SALMON___HYD 24042	18.19 -0.07 0.00	17.25 -0.15 0.00	15.86 -0.31 0.00	15.01 -0.30 0.00	17.29 -0.38 0.00	17.06 -0.51 0.00	14.91 -0.30 0.00	23.55 -0.17 0.00	22.04 -0.04 0.00	18.81 0.04 0.00	14.33 -0.26 0.00	11.17 -0.37 0.00	11.80 -0.49 0.00	10.08 -0.40 0.00	12.76 -0.51 0.00	12.73 -0.53 0.00	13.36 -0.57 0.00	14.00 -0.58 0.00	8.57 -0.36 0.00	8.25 -0.33 0.00	0.06 -0.03 0.00	-2.34 -0.38 9.51	-1.53 -0.71 17.65	-9.87 -0.93 26.31
N.AKRON__115KV_KNAPP 355671	18.63 -0.01 -0.38	17.48 -0.06 -0.15	16.55 0.13 -0.24	15.62 0.09 -0.23	17.86 0.18 0.00	17.94 0.21 -0.16	20.26 -0.01 -5.05	23.27 -0.46 -0.01	21.57 -0.52 0.00	18.43 -0.34 0.00	14.33 -0.26 0.00	11.29 -0.24 0.00	11.99 -0.31 0.00	11.02 0.54 0.00	13.08 -0.19 0.00	12.95 -0.31 0.00	13.51 -0.41 0.00	14.61 -0.45 -0.48	10.21 -0.22 -1.50	12.77 -0.27 -4.46	10.52 -0.05 -10.47	10.30 -0.10 -2.85	16.94 -0.39 -0.50	17.55 0.18 0.00
N.BELMOR_69_KV_BK1 55787	41.37 1.37 -21.73	19.75 1.31 -1.04	20.23 1.28 -2.77	18.16 1.17 -1.69	19.02 1.34 0.00	20.05 1.28 -1.21	53.47 1.22 -37.03	25.54 1.74 -0.09	23.76 1.68 0.00	21.32 1.43 -1.12	28.42 1.28 -12.55	14.64 1.05 -2.06	23.57 1.18 -10.10	37.79 0.98 -26.34	26.08 1.29 -11.52	27.10 1.31 -12.53	38.38 1.31 -23.14	19.62 1.37 -3.67	23.53 0.87 -13.72	56.65 0.82 -47.25	77.22 0.02 -77.11	33.08 0.73 -24.80	22.62 1.62 -4.16	19.00 1.63 0.00
N.E._GEN_SANDY PD 24062	26.47 0.69 -7.52	19.29 0.68 -1.21	18.80 0.67 -1.95	17.88 0.65 -1.92	18.37 0.70 0.00	19.69 0.73 -1.39	57.76 0.62 -41.92	24.74 0.92 -0.10	23.71 0.76 -0.85	18.29 0.54 1.01	15.06 0.47 0.00	11.93 0.40 0.00	12.75 0.45 0.00	10.85 0.37 0.00	13.13 0.57 0.72	9.62 0.63 4.27	14.84 0.70 -0.21	19.07 0.77 -3.73	21.46 0.49 -12.04	43.54 0.46 -34.50	82.76 -0.03 -82.69	31.41 0.35 -23.51	21.73 0.74 -4.16	18.15 0.78 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.84 0.96 -2.62	19.33 0.93 -1.01	18.73 0.91 -1.64	17.80 0.87 -1.62	18.65 0.97 0.00	19.74 1.01 -1.17	50.00 0.88 -33.91	25.19 1.39 -0.08	23.38 1.30 0.00	19.80 1.04 0.00	15.51 0.92 0.00	12.31 0.78 0.00	13.19 0.89 0.00	11.24 0.76 0.00	14.31 1.03 0.00	14.32 1.06 0.00	14.99 1.06 0.00	18.81 1.15 -3.09	19.34 0.71 -9.70	38.16 0.67 -28.91	68.26 0.01 -68.17	26.48 0.56 -18.37	21.25 1.17 -3.25	18.64 1.27 0.00
N.QUEENS_27_KV_LOAD 356247	21.90 0.92 -2.72	19.40 0.96 -1.04	18.83 0.95 -1.71	17.91 0.91 -1.69	18.68 1.00 0.00	19.82 1.04 -1.20	53.20 0.95 -37.03	25.36 1.55 -0.09	23.57 1.48 0.00	20.04 1.27 0.00	15.71 1.11 0.00	12.47 0.94 0.00	13.36 1.07 0.00	11.40 0.92 0.00	14.50 1.23 0.00	14.50 1.24 0.00	15.12 1.19 0.00	19.15 1.21 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.01 -74.36	28.18 0.60 -20.02	21.70 1.32 -3.54	18.80 1.42 0.00
N.TROY___115KV_TB1 355778	22.37 0.63 -3.47	19.37 0.62 -1.35	18.95 0.60 -2.17	18.04 0.58 -2.14	18.31 0.63 0.00	19.78 0.65 -1.55	62.48 0.57 -46.68	24.64 0.81 -0.11	22.68 0.60 0.00	19.15 0.38 0.00	14.92 0.33 0.00	11.80 0.26 0.00	12.60 0.30 0.00	10.71 0.24 0.00	13.64 0.37 0.00	13.68 0.42 0.00	14.44 0.51 0.00	19.44 0.57 -4.29	22.80 0.38 -13.49	49.14 0.35 -40.21	94.71 -0.02 -94.63	34.40 0.27 -26.58	22.11 0.58 -4.70	17.96 0.59 0.00
NARROWS_GT1_1 24228	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT1_2 24229	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT1_3 24230	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT1_4 24231	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT1_5 24232	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT1_6 24233	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT1_7 24234	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT1_8 24235	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT2_1 24236	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT2_2 24237	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT2_3 24238	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT2_4 24239	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00

NARROWS_GT2_5 24240	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT2_6 24241	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT2_7 24242	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NARROWS_GT2_8 24243	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.07 0.63 -3.18	19.20 0.58 -1.22	18.72 0.55 -1.99	17.80 0.53 -1.97	18.28 0.60 0.00	19.61 0.65 -1.40	58.50 0.59 -42.70	24.71 0.89 -0.10	22.62 0.54 0.00	19.02 0.26 0.00	14.83 0.23 0.00	11.71 0.18 0.00	12.51 0.22 0.00	10.64 0.17 0.00	13.53 0.26 0.00	13.56 0.30 0.00	14.33 0.40 0.00	18.98 0.45 -3.95	21.70 0.34 -12.42	45.98 0.35 -37.05	87.19 -0.01 -87.11	32.00 0.27 -24.17	21.68 0.58 -4.28	17.96 0.59 0.00
NCHELSEA_115KV_TR2 355582	22.04 1.06 -2.72	19.47 1.03 -1.05	18.87 0.99 -1.70	17.92 0.94 -1.68	18.75 1.07 0.00	19.91 1.13 -1.22	52.60 0.99 -36.38	25.37 1.57 -0.08	23.54 1.45 0.00	19.93 1.17 0.00	15.59 0.99 0.00	12.36 0.83 0.00	13.22 0.92 0.00	11.26 0.79 0.00	14.34 1.07 0.00	14.36 1.10 0.00	15.06 1.13 0.00	19.11 1.23 -3.31	20.10 0.77 -10.40	40.33 0.74 -31.01	73.22 0.01 -73.13	27.90 0.62 -19.73	21.63 1.31 -3.49	18.76 1.39 0.00
NEG CAPITAL___MECHNVIL 23645	22.67 0.87 -3.53	19.58 0.82 -1.37	19.17 0.78 -2.21	18.22 0.74 -2.18	18.52 0.84 0.00	20.05 0.90 -1.57	63.48 0.81 -47.45	24.97 1.14 -0.11	22.99 0.90 0.00	19.39 0.62 0.00	15.10 0.51 0.00	11.94 0.40 0.00	12.75 0.45 0.00	10.86 0.38 0.00	13.80 0.53 0.00	13.84 0.58 0.00	14.61 0.68 0.00	19.75 0.79 -4.39	23.23 0.52 -13.78	50.16 0.49 -41.09	96.65 -0.01 -96.57	34.93 0.40 -26.98	22.43 0.83 -4.77	18.19 0.82 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.25 -0.34 -0.33	17.17 -0.35 -0.13	16.16 -0.22 -0.20	15.28 -0.23 -0.20	17.46 -0.21 0.00	17.54 -0.17 -0.14	19.36 -0.23 -4.37	23.14 -0.59 -0.01	21.60 -0.49 0.00	18.39 -0.38 0.00	14.32 -0.28 0.00	11.28 -0.25 0.00	11.97 -0.32 0.00	10.20 -0.27 0.00	12.95 -0.33 0.00	12.91 -0.35 0.00	13.53 -0.40 0.00	14.56 -0.42 -0.41	10.01 -0.21 -1.28	12.17 -0.22 -3.82	9.01 -0.04 -8.96	9.85 -0.14 -2.44	16.81 -0.45 -0.43	17.21 -0.16 0.00
NEG CENTRAL___DRP 24199	18.78 0.17 -0.35	17.67 0.13 -0.13	16.58 0.18 -0.22	15.70 0.17 -0.22	17.90 0.22 0.00	18.03 0.31 -0.15	20.19 0.23 -4.74	23.93 0.20 -0.01	22.25 0.17 0.00	18.83 0.06 0.00	14.64 0.05 0.00	11.56 0.02 0.00	12.29 -0.01 0.00	10.49 0.01 0.00	13.30 0.03 0.00	13.26 0.00 0.00	13.93 0.01 0.00	15.05 0.04 -0.44	10.39 0.07 -1.38	12.77 0.07 -4.13	9.76 -0.02 -9.68	10.29 0.10 -2.64	17.37 0.07 -0.47	17.62 0.25 0.00
NEG CENTRAL___INDECK 23768	19.39 0.68 -0.44	18.14 0.57 -0.17	17.14 0.69 -0.28	16.20 0.62 -0.27	18.49 0.81 0.00	18.66 0.89 -0.20	21.86 0.70 -5.95	24.37 0.64 -0.01	22.48 0.40 0.00	19.11 0.35 0.00	14.86 0.27 0.00	11.75 0.21 0.00	12.47 0.17 0.00	10.68 0.20 0.00	13.47 0.20 0.00	13.44 0.18 0.00	14.06 0.13 0.00	15.26 0.13 -0.56	10.89 0.21 -1.74	13.95 0.16 -5.20	12.26 -0.03 -12.20	11.16 0.29 -3.32	17.87 0.45 -0.59	18.18 0.81 0.00
NEG CENTRAL___SENECA 23627	18.97 0.33 -0.38	17.82 0.27 -0.15	16.75 0.33 -0.24	15.85 0.30 -0.24	18.07 0.40 0.00	18.18 0.45 -0.16	20.70 0.34 -5.14	24.10 0.37 -0.01	22.42 0.34 0.00	18.96 0.20 0.00	14.73 0.13 0.00	11.63 0.09 0.00	12.36 0.07 0.00	10.56 0.08 0.00	13.37 0.10 0.00	13.35 0.09 0.00	14.01 0.08 0.00	15.15 0.10 -0.48	10.57 0.13 -1.51	13.18 0.12 -4.49	10.60 -0.02 -10.53	10.57 0.15 -2.87	17.51 0.17 -0.51	17.77 0.39 0.00
NEG CENTRAL___STATE_STREET 24147	18.81 0.20 -0.34	17.71 0.19 -0.13	16.56 0.16 -0.22	15.71 0.19 -0.21	17.89 0.21 0.00	18.11 0.40 -0.15	20.23 0.35 -4.67	24.12 0.39 -0.01	22.36 0.27 0.00	18.94 0.18 0.00	14.80 0.21 0.00	11.63 0.10 0.00	12.37 0.08 0.00	10.56 0.08 0.00	13.43 0.16 0.00	13.37 0.11 0.00	14.09 0.16 0.00	15.24 0.23 -0.43	10.44 0.14 -1.36	12.80 0.16 -4.06	9.60 -0.01 -9.52	10.31 0.16 -2.59	17.49 0.20 -0.46	17.66 0.28 0.00
NEG MILLWOOD___DRP 24198	22.08 1.06 -2.75	19.48 1.02 -1.06	18.89 0.99 -1.72	17.96 0.95 -1.70	18.75 1.08 0.00	19.94 1.14 -1.23	53.28 1.02 -37.05	25.42 1.62 -0.09	23.59 1.51 0.00	19.98 1.21 0.00	15.63 1.04 0.00	12.40 0.86 0.00	13.27 0.97 0.00	11.30 0.82 0.00	14.38 1.11 0.00	14.41 1.15 0.00	15.09 1.17 0.00	19.20 1.26 -3.37	20.30 0.78 -10.58	40.88 0.75 -31.56	74.51 0.01 -74.41	28.24 0.63 -20.06	21.71 1.33 -3.55	18.77 1.40 0.00
NEG NORTH_FLCN_SEA 23793	18.94 0.66 -0.02	17.93 0.53 -0.01	16.48 0.30 -0.01	15.57 0.26 -0.01	17.85 0.17 0.00	17.65 0.08 -0.01	15.60 0.15 -0.23	24.25 0.53 0.00	22.65 0.57 0.00	19.30 0.54 0.00	14.63 0.04 0.00	11.37 -0.16 0.00	11.98 -0.31 0.00	10.23 -0.24 0.00	13.04 -0.23 0.00	13.02 -0.24 0.00	13.66 -0.26 0.00	14.33 -0.25 0.00	8.76 -0.17 0.00	8.42 -0.16 0.00	0.03 -0.06 0.00	-2.85 -0.27 10.14	-2.35 -0.36 18.82	-11.06 -0.59 27.84
NEG NORTH_KES_CHATEGAY 23792	18.37 0.08 -0.02	17.38 -0.03 -0.01	15.96 -0.23 -0.01	15.08 -0.24 -0.01	17.32 -0.36 0.00	17.11 -0.47 -0.01	15.16 -0.32 -0.26	23.57 -0.16 0.00	22.06 -0.03 0.00	18.79 0.02 0.00	14.27 -0.32 0.00	11.10 -0.43 0.00	11.70 -0.59 0.00	10.01 -0.46 0.00	12.70 -0.57 0.00	12.66 -0.60 0.00	13.28 -0.64 0.00	13.92 -0.65 0.00	8.53 -0.41 0.00	8.20 -0.37 0.00	0.06 -0.03 0.00	-2.88 -0.45 9.98	-2.50 -0.79 18.53	-11.10 -1.01 27.47

NEG NORTH___ALICE_FALLS 23915	18.85 0.56 -0.02	17.84 0.44 -0.01	16.40 0.21 -0.01	15.49 0.17 -0.01	17.76 0.09 0.00	17.57 0.00 -0.01	15.54 0.09 -0.24	24.21 0.49 0.00	22.63 0.54 0.00	19.16 0.39 0.00	14.50 -0.09 0.00	11.27 -0.26 0.00	11.87 -0.42 0.00	10.14 -0.33 0.00	12.98 -0.30 0.00	12.95 -0.31 0.00	13.61 -0.32 0.00	14.28 -0.29 0.00	8.74 -0.19 0.00	8.41 -0.17 0.00	0.04 -0.05 0.00	-2.83 -0.27 10.11	-2.33 -0.39 18.77	-11.03 -0.62 27.78
NEG NORTH___LWR_SARANAC 23913	18.85 0.56 -0.02	17.84 0.44 -0.01	16.40 0.21 -0.01	15.49 0.17 -0.01	17.76 0.09 0.00	17.57 0.00 -0.01	15.54 0.09 -0.24	24.21 0.49 0.00	22.63 0.54 0.00	19.16 0.39 0.00	14.50 -0.09 0.00	11.27 -0.26 0.00	11.87 -0.42 0.00	10.14 -0.33 0.00	12.98 -0.30 0.00	12.95 -0.31 0.00	13.61 -0.32 0.00	14.28 -0.29 0.00	8.74 -0.19 0.00	8.41 -0.17 0.00	0.04 -0.05 0.00	-2.83 -0.27 10.11	-2.33 -0.39 18.77	-11.03 -0.62 27.78
NEG NORTH___PLATTSBURG 23628	18.83 0.57 0.00	17.84 0.44 0.00	16.39 0.21 0.00	15.48 0.17 0.00	17.76 0.09 0.00	17.57 0.00 0.00	15.31 0.09 0.00	24.19 0.48 0.00	22.64 0.56 0.00	19.15 0.38 0.00	14.50 -0.09 0.00	11.27 -0.26 0.00	11.87 -0.42 0.00	10.14 -0.33 0.00	12.98 -0.30 0.00	12.95 -0.31 0.00	13.61 -0.32 0.00	14.29 -0.29 0.00	8.74 -0.19 0.00	8.41 -0.17 0.00	0.04 -0.05 0.00	-2.82 -0.26 10.11	-2.34 -0.40 18.77	-11.04 -0.63 27.78
NEG WEST_LEA_LOCKPORT 23791	18.47 -0.19 -0.40	17.33 -0.22 -0.16	16.42 0.00 -0.25	15.51 -0.04 -0.24	17.70 0.02 0.00	17.74 0.00 -0.17	20.27 -0.23 -5.28	22.90 -0.84 -0.01	21.49 -0.60 0.00	18.43 -0.34 0.00	14.37 -0.22 0.00	11.33 -0.20 0.00	11.98 -0.31 0.00	10.43 -0.04 0.00	12.99 -0.29 0.00	12.91 -0.35 0.00	13.46 -0.47 0.00	14.49 -0.57 -0.49	10.17 -0.31 -1.54	12.82 -0.36 -4.61	10.86 -0.05 -10.81	10.31 -0.19 -2.94	16.78 -0.57 -0.52	17.40 0.03 0.00
NEG WEST___LANCASTR 23811	19.13 0.40 -0.46	17.91 0.33 -0.18	16.93 0.46 -0.29	15.97 0.38 -0.29	18.25 0.58 0.00	18.28 0.52 -0.19	21.62 0.25 -6.16	23.81 0.08 -0.01	22.35 0.26 0.00	19.11 0.34 0.00	14.89 0.30 0.00	11.75 0.22 0.00	12.46 0.17 0.00	10.73 0.26 0.00	13.48 0.21 0.00	13.42 0.17 0.00	14.02 0.10 0.00	15.14 -0.01 -0.58	10.73 0.00 -1.80	13.91 -0.05 -5.39	12.68 -0.04 -12.63	11.06 0.07 -3.44	17.46 0.02 -0.61	17.97 0.60 0.00
NEG_PENN_ALLEGHNY 23528	19.41 0.36 -0.78	18.02 0.32 -0.30	17.02 0.35 -0.49	16.10 0.31 -0.48	18.06 0.38 0.00	18.34 0.42 -0.35	25.98 0.35 -10.42	24.19 0.44 -0.03	22.50 0.41 0.00	19.07 0.30 0.00	14.84 0.25 0.00	11.73 0.20 0.00	12.50 0.21 0.00	10.69 0.21 0.00	13.51 0.24 0.00	13.50 0.25 0.00	14.16 0.24 0.00	15.83 0.28 -0.98	12.19 0.20 -3.05	17.87 0.19 -9.11	21.45 0.00 -21.36	13.54 0.17 -5.81	18.16 0.30 -1.03	17.80 0.43 0.00
NEG___GEN_MONROE 24207	18.66 0.06 -0.34	17.61 0.08 -0.13	16.61 0.22 -0.21	15.74 0.23 -0.21	18.00 0.32 0.00	18.05 0.33 -0.14	19.82 0.12 -4.48	23.62 -0.11 -0.01	22.06 -0.02 0.00	18.80 0.04 0.00	14.61 0.02 0.00	11.52 -0.01 0.00	12.21 -0.09 0.00	10.38 -0.09 0.00	13.13 -0.14 0.00	13.09 -0.17 0.00	13.69 -0.24 0.00	14.73 -0.26 -0.42	10.15 -0.10 -1.31	12.37 -0.12 -3.92	9.24 -0.04 -9.19	10.04 -0.01 -2.50	17.10 -0.17 -0.44	17.60 0.22 0.00
NEPA___ENERGY 23901	19.07 0.26 -0.54	17.80 0.20 -0.21	16.82 0.30 -0.34	15.88 0.24 -0.33	18.02 0.34 0.00	18.14 0.33 -0.25	22.61 0.14 -7.25	23.72 -0.02 -0.02	22.19 0.11 0.00	18.90 0.13 0.00	14.73 0.14 0.00	11.64 0.11 0.00	12.37 0.07 0.00	10.63 0.15 0.00	13.39 0.11 0.00	13.35 0.09 0.00	13.98 0.05 0.00	15.24 -0.01 -0.68	11.05 0.00 -2.12	14.87 -0.04 -6.33	14.90 -0.04 -14.85	11.63 0.04 -4.04	17.53 -0.02 -0.72	17.77 0.40 0.00
NEVERSINK___HYD 23608	21.78 1.32 -2.20	19.82 1.57 -0.85	19.03 1.48 -1.38	17.96 1.29 -1.36	19.16 1.48 0.00	20.01 1.46 -0.98	45.75 1.23 -29.30	25.84 2.05 -0.07	24.06 1.97 0.00	20.43 1.66 0.00	15.90 1.30 0.00	12.53 1.00 0.00	13.10 0.81 0.00	11.17 0.70 0.00	14.22 0.95 0.00	14.24 0.98 0.00	14.94 1.01 0.00	18.42 1.18 -2.68	18.33 0.96 -8.43	34.63 0.90 -25.15	59.34 0.01 -59.24	24.38 0.76 -16.07	21.37 1.69 -2.84	19.32 1.95 0.00
NEWKRMKL_115KV_TB1 55635	21.95 0.27 -3.42	18.99 0.27 -1.32	18.60 0.27 -2.15	17.71 0.28 -2.12	17.93 0.25 0.00	19.36 0.27 -1.53	61.55 0.24 -46.09	24.19 0.36 -0.11	22.29 0.20 0.00	18.84 0.08 0.00	14.74 0.15 0.00	11.67 0.13 0.00	12.45 0.16 0.00	10.60 0.12 0.00	13.49 0.22 0.00	13.53 0.27 0.00	14.24 0.32 0.00	19.14 0.32 -4.25	22.51 0.23 -13.34	48.57 0.22 -39.77	93.66 -0.01 -93.58	33.98 0.12 -26.31	21.73 0.25 -4.66	17.66 0.28 0.00
NEWTON___FALLS_HYD 23847	17.37 -0.97 -0.07	16.52 -0.91 -0.03	15.45 -0.77 -0.05	14.55 -0.80 -0.05	16.87 -0.81 0.00	16.67 -0.93 -0.03	15.62 -0.61 -1.02	22.73 -0.99 0.00	21.22 -0.87 0.00	18.09 -0.68 0.00	13.95 -0.65 0.00	10.94 -0.59 0.00	11.65 -0.64 0.00	9.90 -0.57 0.00	12.51 -0.76 0.00	12.44 -0.81 0.00	13.01 -0.91 0.00	13.78 -0.89 -0.09	8.77 -0.47 -0.30	9.04 -0.43 -0.89	2.18 -0.01 -2.10	2.30 -0.43 4.82	5.97 -0.94 9.92	-0.02 -1.13 16.26
NGRID_A1_DSASP 323792	18.15 -0.51 -0.40	17.12 -0.44 -0.16	16.24 -0.18 -0.25	15.34 -0.22 -0.25	17.49 -0.19 0.00	17.53 -0.22 -0.18	20.15 -0.43 -5.37	22.51 -1.22 -0.01	21.09 -0.99 0.00	18.14 -0.63 0.00	14.16 -0.44 0.00	11.16 -0.37 0.00	11.79 -0.50 0.00	10.17 -0.30 0.00	12.77 -0.51 0.00	12.70 -0.56 0.00	13.24 -0.68 0.00	14.25 -0.82 -0.50	10.04 -0.47 -1.57	12.74 -0.53 -4.69	11.05 -0.04 -11.00	10.19 -0.35 -2.99	16.47 -0.89 -0.53	17.13 -0.24 0.00
NGRID_A2_DSASP 323793	18.15 -0.51 -0.40	17.12 -0.44 -0.16	16.24 -0.18 -0.25	15.34 -0.22 -0.25	17.49 -0.19 0.00	17.53 -0.22 -0.18	20.15 -0.43 -5.37	22.51 -1.22 -0.01	21.09 -0.99 0.00	18.14 -0.63 0.00	14.16 -0.44 0.00	11.16 -0.37 0.00	11.79 -0.50 0.00	10.17 -0.30 0.00	12.77 -0.51 0.00	12.70 -0.56 0.00	13.24 -0.68 0.00	14.25 -0.82 -0.50	10.04 -0.47 -1.57	12.74 -0.53 -4.69	11.05 -0.04 -11.00	10.19 -0.35 -2.99	16.47 -0.89 -0.53	17.13 -0.24 0.00
NGRID_A4_DSASP 323807	18.15 -0.51 -0.40	17.12 -0.44 -0.16	16.24 -0.19 -0.25	15.34 -0.22 -0.25	17.49 -0.19 0.00	17.53 -0.21 -0.17	20.15 -0.43 -5.37	22.51 -1.22 -0.01	21.10 -0.98 0.00	18.13 -0.63 0.00	14.15 -0.45 0.00	11.16 -0.37 0.00	11.79 -0.50 0.00	10.17 -0.30 0.00	12.77 -0.51 0.00	12.69 -0.57 0.00	13.24 -0.69 0.00	14.25 -0.82 -0.50	10.03 -0.48 -1.57	12.74 -0.53 -4.69	11.05 -0.04 -11.00	10.20 -0.34 -2.99	16.48 -0.88 -0.53	17.10 -0.27 0.00
NIAGARA_115E_LBMP 323715	18.16 -0.50 -0.40	17.05 -0.50 -0.15	16.16 -0.27 -0.25	15.27 -0.29 -0.25	17.40 -0.28 0.00	17.45 -0.29 -0.18	20.06 -0.51 -5.35	22.46 -1.27 -0.01	21.10 -0.98 0.00	18.13 -0.63 0.00	14.16 -0.44 0.00	11.16 -0.37 0.00	11.79 -0.51 0.00	10.21 -0.26 0.00	12.76 -0.51 0.00	12.69 -0.57 0.00	13.23 -0.69 0.00	14.25 -0.82 -0.50	10.04 -0.46 -1.57	12.73 -0.52 -4.67	11.01 -0.04 -10.96	10.19 -0.34 -2.98	16.48 -0.88 -0.53	17.15 -0.22 0.00

NIAGARA_115W_LBMP 323714	18.10 -0.56 -0.40	17.08 -0.47 -0.16	16.21 -0.22 -0.25	15.31 -0.25 -0.25	17.45 -0.23 0.00	17.49 -0.26 -0.18	20.11 -0.46 -5.36	22.45 -1.28 -0.01	21.04 -1.05 0.00	18.09 -0.68 0.00	14.12 -0.47 0.00	11.13 -0.40 0.00	11.76 -0.53 0.00	10.15 -0.33 0.00	12.73 -0.54 0.00	12.67 -0.59 0.00	13.20 -0.73 0.00	14.21 -0.86 -0.50	10.01 -0.49 -1.57	12.71 -0.55 -4.68	11.03 -0.04 -10.99	10.17 -0.37 -2.99	16.42 -0.94 -0.53	17.09 -0.29 0.00
NIAGARA_230_LBMP 323716	18.34 -0.32 -0.40	17.22 -0.33 -0.15	16.32 -0.10 -0.25	15.40 -0.15 -0.24	17.57 -0.10 0.00	17.60 -0.14 -0.18	20.17 -0.35 -5.30	22.71 -1.02 -0.01	21.33 -0.76 0.00	18.32 -0.45 0.00	14.29 -0.30 0.00	11.27 -0.27 0.00	11.91 -0.38 0.00	10.27 -0.21 0.00	12.89 -0.38 0.00	12.83 -0.43 0.00	13.38 -0.54 0.00	14.40 -0.67 -0.50	10.11 -0.38 -1.55	12.78 -0.43 -4.63	10.90 -0.06 -10.87	10.25 -0.26 -2.96	16.65 -0.70 -0.52	17.30 -0.07 0.00
NIAGARA__115KV_198_GIBSON 55903	18.11 -0.55 -0.40	17.08 -0.48 -0.16	16.20 -0.22 -0.25	15.31 -0.25 -0.25	17.45 -0.23 0.00	17.49 -0.25 -0.17	20.11 -0.47 -5.36	22.46 -1.27 -0.01	21.05 -1.04 0.00	18.09 -0.68 0.00	14.11 -0.48 0.00	11.13 -0.40 0.00	11.76 -0.53 0.00	10.15 -0.33 0.00	12.73 -0.55 0.00	12.66 -0.60 0.00	13.20 -0.73 0.00	14.21 -0.86 -0.50	10.01 -0.50 -1.57	12.71 -0.55 -4.68	11.03 -0.04 -10.99	10.18 -0.36 -2.99	16.43 -0.92 -0.53	17.05 -0.32 0.00
NIAGARA____ 23760	18.20 -0.47 -0.40	17.12 -0.43 -0.15	16.23 -0.19 -0.25	15.33 -0.22 -0.25	17.48 -0.19 0.00	17.53 -0.21 -0.18	20.13 -0.42 -5.34	22.59 -1.14 -0.01	21.20 -0.88 0.00	18.21 -0.55 0.00	14.21 -0.39 0.00	11.20 -0.33 0.00	11.84 -0.46 0.00	10.22 -0.26 0.00	12.82 -0.45 0.00	12.75 -0.51 0.00	13.30 -0.63 0.00	14.31 -0.76 -0.50	10.07 -0.43 -1.56	12.75 -0.48 -4.66	11.01 -0.03 -10.95	10.21 -0.32 -2.98	16.54 -0.81 -0.53	17.19 -0.18 0.00
NINE_MILE_1 23575	17.91 -0.56 -0.21	16.93 -0.54 -0.08	15.85 -0.46 -0.13	14.98 -0.45 -0.13	17.17 -0.50 0.00	17.19 -0.48 -0.09	17.54 -0.44 -2.76	22.95 -0.78 -0.01	21.37 -0.71 0.00	18.15 -0.62 0.00	14.12 -0.47 0.00	11.15 -0.38 0.00	11.87 -0.42 0.00	10.12 -0.35 0.00	12.82 -0.45 0.00	12.80 -0.46 0.00	13.44 -0.49 0.00	14.34 -0.50 -0.26	9.47 -0.28 -0.81	10.73 -0.27 -2.42	5.75 -0.02 -5.67	8.87 -0.22 -1.54	16.54 -0.56 -0.27	16.90 -0.47 0.00
NINE_MILE_2 23744	17.91 -0.56 -0.21	16.93 -0.54 -0.08	15.85 -0.46 -0.13	14.98 -0.45 -0.13	17.17 -0.50 0.00	17.19 -0.47 -0.09	17.54 -0.44 -2.76	22.95 -0.78 -0.01	21.37 -0.71 0.00	18.15 -0.62 0.00	14.12 -0.47 0.00	11.15 -0.38 0.00	11.87 -0.42 0.00	10.12 -0.35 0.00	12.83 -0.45 0.00	12.80 -0.46 0.00	13.44 -0.49 0.00	14.34 -0.49 -0.26	9.47 -0.28 -0.81	10.73 -0.27 -2.42	5.74 -0.02 -5.67	8.87 -0.22 -1.54	16.54 -0.56 -0.27	16.90 -0.47 0.00
NM_CAPITAL____DRP 24208	22.00 0.33 -3.41	19.03 0.32 -1.31	18.64 0.33 -2.14	17.74 0.32 -2.11	17.99 0.31 0.00	19.41 0.32 -1.52	61.38 0.29 -45.88	24.25 0.42 -0.11	22.35 0.26 0.00	18.89 0.12 0.00	14.77 0.17 0.00	11.68 0.15 0.00	12.48 0.18 0.00	10.61 0.14 0.00	13.53 0.26 0.00	13.57 0.31 0.00	14.29 0.36 0.00	19.15 0.37 -4.21	22.41 0.26 -13.22	48.23 0.24 -39.41	92.89 -0.02 -92.82	33.90 0.14 -26.21	21.75 0.29 -4.64	17.69 0.32 0.00
NM_CENTRAL____DRP 24181	18.36 -0.16 -0.26	17.32 -0.17 -0.10	16.23 -0.11 -0.16	15.35 -0.12 -0.16	17.56 -0.12 0.00	17.62 -0.07 -0.12	18.61 -0.07 -3.46	23.53 -0.20 -0.01	21.93 -0.15 0.00	18.59 -0.17 0.00	14.47 -0.12 0.00	11.43 -0.10 0.00	12.17 -0.12 0.00	10.38 -0.09 0.00	13.15 -0.12 0.00	13.13 -0.13 0.00	13.76 -0.17 0.00	14.74 -0.16 -0.33	9.90 -0.06 -1.03	11.57 -0.07 -3.06	7.25 -0.01 -7.18	9.47 -0.04 -1.95	17.00 -0.18 -0.35	17.29 -0.08 0.00
NM_FRONTIER____DRP 24179	18.11 -0.55 -0.40	17.08 -0.48 -0.16	16.20 -0.22 -0.25	15.31 -0.25 -0.25	17.45 -0.23 0.00	17.49 -0.25 -0.17	20.11 -0.47 -5.36	22.46 -1.27 -0.01	21.05 -1.04 0.00	18.09 -0.68 0.00	14.11 -0.48 0.00	11.13 -0.40 0.00	11.76 -0.53 0.00	10.15 -0.33 0.00	12.73 -0.55 0.00	12.66 -0.60 0.00	13.20 -0.73 0.00	14.21 -0.86 -0.50	10.01 -0.50 -1.57	12.71 -0.55 -4.68	11.03 -0.04 -10.99	10.18 -0.36 -2.99	16.43 -0.92 -0.53	17.05 -0.32 0.00
NM_ST_REGIS____HYD 24053	17.53 -0.77 -0.04	16.64 -0.77 -0.01	15.40 -0.80 -0.02	14.60 -0.73 -0.02	16.90 -0.77 0.00	16.58 -1.00 -0.02	15.08 -0.66 -0.52	22.91 -0.81 0.00	21.39 -0.69 0.00	18.33 -0.43 0.00	14.07 -0.52 0.00	11.03 -0.50 0.00	11.71 -0.58 0.00	9.98 -0.49 0.00	12.62 -0.65 0.00	12.58 -0.68 0.00	13.22 -0.71 0.00	13.85 -0.45 0.00	8.48 -0.43 0.00	8.15 -0.43 0.00	0.08 -0.01 0.00	-1.27 -0.42 8.40	0.40 -0.84 15.59	-7.25 -1.03 23.59
NORTHPORT____1 23551	41.45 1.45 -21.74	19.85 1.40 -1.06	20.42 1.39 -2.86	18.23 1.24 -1.69	19.10 1.43 0.00	20.04 1.25 -1.22	53.52 1.26 -37.04	25.53 1.73 -0.09	23.72 1.63 0.00	21.32 1.43 -1.12	28.45 1.30 -12.55	14.67 1.09 -2.06	23.61 1.22 -10.10	37.80 1.00 -26.34	26.08 1.29 -11.52	27.09 1.30 -12.53	38.35 1.28 -23.14	19.55 1.31 -3.67	23.49 0.83 -13.72	56.62 0.79 -47.25	77.22 0.03 -77.11	33.11 0.75 -24.80	22.67 1.68 -4.16	19.03 1.66 0.00
NORTHPORT____2 23552	41.45 1.45 -21.74	19.85 1.40 -1.06	20.42 1.39 -2.86	18.23 1.24 -1.69	19.10 1.43 0.00	20.04 1.25 -1.22	53.52 1.26 -37.04	25.53 1.73 -0.09	23.72 1.63 0.00	21.32 1.43 -1.12	28.45 1.30 -12.55	14.67 1.09 -2.06	23.61 1.22 -10.10	37.80 1.00 -26.34	26.08 1.29 -11.52	27.09 1.30 -12.53	38.35 1.28 -23.14	19.55 1.31 -3.67	23.49 0.83 -13.72	56.62 0.79 -47.25	77.22 0.03 -77.11	33.11 0.75 -24.80	22.67 1.68 -4.16	19.03 1.66 0.00
NORTHPORT____3 23553	41.30 1.30 -21.74	19.71 1.25 -1.06	20.27 1.24 -2.86	18.11 1.12 -1.69	18.96 1.28 0.00	19.95 1.16 -1.22	53.41 1.15 -37.04	25.40 1.60 -0.09	23.58 1.50 0.00	21.17 1.29 -1.12	28.33 1.18 -12.55	14.58 0.99 -2.06	23.51 1.12 -10.10	37.73 0.92 -26.34	25.99 1.20 -11.52	27.01 1.22 -12.53	38.28 1.21 -23.14	19.50 1.26 -3.67	23.46 0.80 -13.72	56.59 0.76 -47.25	77.22 0.02 -77.11	33.06 0.70 -24.80	22.52 1.53 -4.16	18.90 1.52 0.00
NORTHPORT____4 23650	41.30 1.30 -21.74	19.71 1.25 -1.06	20.27 1.24 -2.86	18.11 1.12 -1.69	18.96 1.28 0.00	19.95 1.16 -1.22	53.41 1.15 -37.04	25.40 1.60 -0.09	23.58 1.50 0.00	21.17 1.29 -1.12	28.33 1.18 -12.55	14.58 0.99 -2.06	23.51 1.12 -10.10	37.73 0.92 -26.34	25.99 1.20 -11.52	27.01 1.22 -12.53	38.28 1.21 -23.14	19.50 1.26 -3.67	23.46 0.80 -13.72	56.59 0.76 -47.25	77.22 0.02 -77.11	33.06 0.70 -24.80	22.52 1.53 -4.16	18.90 1.52 0.00
NORTHPORT____IC 23718	41.45 1.45 -21.74	19.85 1.40 -1.06	20.42 1.39 -2.86	18.23 1.24 -1.69	19.10 1.43 0.00	20.04 1.25 -1.22	53.52 1.26 -37.04	25.53 1.73 -0.09	23.72 1.63 0.00	21.32 1.43 -1.12	28.45 1.30 -12.55	14.67 1.09 -2.06	23.61 1.22 -10.10	37.80 1.00 -26.34	26.08 1.29 -11.52	27.09 1.30 -12.53	38.35 1.28 -23.14	19.55 1.31 -3.67	23.49 0.83 -13.72	56.62 0.79 -47.25	77.22 0.03 -77.11	33.11 0.75 -24.80	22.67 1.68 -4.16	19.03 1.66 0.00

NORTH____COUNTRY_ESR 323785	18.31 0.04 0.00	17.33 -0.07 0.00	15.91 -0.27 0.00	15.03 -0.28 0.00	17.28 -0.40 0.00	17.06 -0.51 0.00	14.86 -0.36 0.00	23.49 -0.23 0.00	22.03 -0.06 0.00	18.76 -0.01 0.00	14.26 -0.34 0.00	11.09 -0.45 0.00	11.69 -0.60 0.00	10.00 -0.47 0.00	12.68 -0.59 0.00	12.65 -0.61 0.00	13.27 -0.66 0.00	13.89 -0.68 0.00	8.50 -0.43 0.00	8.19 -0.39 0.00	0.06 -0.03 0.00	-2.89 -0.46 9.98	-2.55 -0.85 18.52	-11.15 -1.06 27.46
NPX_GEN_1385_PROXY 323591	41.39 1.39 -21.74	19.86 1.40 -1.06	20.54 1.51 -2.86	18.23 1.24 -1.69	19.08 1.41 0.00	19.74 0.96 -1.22	53.59 1.32 -37.04	25.73 1.93 -0.09	23.75 1.66 0.00	21.33 1.45 -1.12	28.48 1.33 -12.55	14.70 1.11 -2.06	23.63 1.24 -10.10	37.83 1.02 -26.34	26.11 1.32 -11.52	27.12 1.32 -12.53	38.37 1.31 -23.14	19.70 1.33 -3.79	23.51 0.85 -13.72	56.64 0.81 -47.25	77.22 0.03 -77.11	33.13 0.77 -24.80	22.69 1.70 -4.16	19.03 1.66 0.00
NPX_GEN_CSC 323557	41.48 1.48 -21.74	19.87 1.42 -1.06	20.43 1.40 -2.86	18.26 1.27 -1.69	19.13 1.45 0.00	20.12 1.33 -1.22	53.62 1.36 -37.04	25.60 1.80 -0.09	23.74 1.65 0.00	21.24 1.36 -1.12	28.35 1.20 -12.55	14.57 0.98 -2.06	23.49 1.10 -10.10	37.69 0.89 -26.34	25.92 1.13 -11.52	26.98 1.19 -12.53	38.30 1.23 -23.14	19.68 1.32 -3.79	23.52 0.87 -13.72	56.66 0.83 -47.25	77.23 0.03 -77.11	33.13 0.78 -24.80	22.65 1.66 -4.16	18.99 1.62 0.00
NSINS_S_GLNS_FALLS 23858	22.67 0.84 -3.57	19.54 0.76 -1.39	19.13 0.72 -2.23	18.20 0.69 -2.20	18.52 0.84 0.00	20.06 0.89 -1.60	63.98 0.84 -47.92	24.93 1.10 -0.11	22.86 0.77 0.00	19.32 0.55 0.00	15.02 0.43 0.00	11.87 0.33 0.00	12.69 0.40 0.00	10.82 0.35 0.00	13.74 0.47 0.00	13.79 0.53 0.00	14.61 0.68 0.00	19.83 0.82 -4.44	23.41 0.53 -13.95	50.68 0.51 -41.59	97.76 -0.02 -97.70	35.16 0.39 -27.21	22.49 0.84 -4.82	18.17 0.80 0.00
NUCOR_STEEL____DRP 24197	18.78 0.18 -0.33	17.69 0.16 -0.13	16.52 0.13 -0.21	15.68 0.17 -0.21	17.85 0.17 0.00	18.01 0.29 -0.15	19.93 0.20 -4.52	23.94 0.21 -0.01	22.26 0.18 0.00	18.84 0.08 0.00	14.69 0.10 0.00	11.53 0.00 0.00	12.27 -0.02 0.00	10.47 -0.01 0.00	13.33 0.06 0.00	13.25 -0.01 0.00	13.98 0.06 0.00	15.11 0.12 -0.42	10.31 0.06 -1.32	12.60 0.09 -3.93	9.29 -0.01 -9.21	10.18 0.12 -2.51	17.36 0.09 -0.44	17.61 0.23 0.00
NUMBER_THREE_WT_PWR 323818	17.77 -0.60 -0.10	16.92 -0.52 -0.04	15.95 -0.29 -0.06	14.90 -0.47 -0.06	17.27 -0.41 0.00	17.18 -0.43 -0.05	16.33 -0.24 -1.35	23.13 -0.60 0.00	21.69 -0.40 0.00	18.39 -0.38 0.00	14.16 -0.43 0.00	11.10 -0.44 0.00	11.84 -0.45 0.00	10.03 -0.44 0.00	12.68 -0.59 0.00	12.59 -0.67 0.00	13.09 -0.83 0.00	13.94 -0.76 -0.13	9.01 -0.32 -0.40	9.48 -0.28 -1.19	2.86 -0.01 -2.78	5.86 -0.34 1.36	12.21 -0.82 3.80	7.71 -0.96 8.71
NYISO_LBMP_REFERENCE 24008	18.26 0.00 0.00	17.40 0.00 0.00	16.18 0.00 0.00	15.31 0.00 0.00	17.68 0.00 0.00	17.57 0.00 0.00	15.22 0.00 0.00	23.72 0.00 0.00	22.09 0.00 0.00	18.77 0.00 0.00	14.59 0.00 0.00	11.53 0.00 0.00	12.29 0.00 0.00	10.48 0.00 0.00	13.27 0.00 0.00	13.26 0.00 0.00	13.93 0.00 0.00	14.57 0.00 0.00	8.93 0.00 0.00	8.58 0.00 0.00	0.09 0.00 0.00	7.55 0.00 0.00	16.83 0.00 0.00	17.37 0.00 0.00
NYPA_BRENTWD____GT 24164	41.63 1.63 -21.74	20.01 1.55 -1.06	20.55 1.52 -2.85	18.37 1.38 -1.69	19.27 1.60 0.00	20.27 1.48 -1.22	53.72 1.46 -37.04	25.84 2.04 -0.09	24.01 1.92 0.00	21.51 1.62 -1.12	28.59 1.44 -12.55	14.77 1.19 -2.06	23.72 1.33 -10.10	37.89 1.08 -26.34	26.19 1.40 -11.52	27.22 1.43 -12.53	38.51 1.45 -23.14	19.72 1.47 -3.67	23.57 0.92 -13.72	56.69 0.87 -47.25	77.23 0.04 -77.11	33.22 0.87 -24.80	22.86 1.87 -4.16	19.21 1.84 0.00
NYPA_GOWANUS____GT5 24156	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NYPA_GOWANUS____GT6 24157	22.02 1.02 -2.73	19.46 1.01 -1.06	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.17 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.47 0.02 -74.36	28.21 0.63 -20.02	21.73 1.35 -3.54	18.83 1.46 0.00
NYPA_HARLEM_RVR_GT1 24160	21.90 0.91 -2.73	19.41 0.95 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.67 0.99 0.00	19.82 1.04 -1.21	53.19 0.93 -37.04	25.32 1.51 -0.09	23.54 1.46 0.00	20.00 1.24 0.00	15.68 1.09 0.00	12.45 0.92 0.00	13.34 1.05 0.00	11.37 0.90 0.00	14.47 1.20 0.00	14.48 1.22 0.00	15.09 1.17 0.00	19.13 1.19 -3.37	20.26 0.75 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.18 0.60 -20.02	21.67 1.29 -3.54	18.76 1.39 0.00
NYPA_HARLEM_RVR_GT2 24161	21.90 0.91 -2.73	19.41 0.95 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.67 0.99 0.00	19.82 1.04 -1.21	53.19 0.93 -37.04	25.32 1.51 -0.09	23.54 1.46 0.00	20.00 1.24 0.00	15.68 1.09 0.00	12.45 0.92 0.00	13.34 1.05 0.00	11.37 0.90 0.00	14.47 1.20 0.00	14.48 1.22 0.00	15.09 1.17 0.00	19.13 1.19 -3.37	20.26 0.75 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.18 0.60 -20.02	21.67 1.29 -3.54	18.76 1.39 0.00
NYPA_KENT____GT 24152	22.00 1.01 -2.73	19.46 1.01 -1.06	18.88 0.99 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.37 1.56 -0.09	23.60 1.52 0.00	20.05 1.28 0.00	15.74 1.14 0.00	12.51 0.97 0.00	13.40 1.10 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.16 1.24 0.00	19.23 1.30 -3.37	20.30 0.79 -10.57	40.85 0.74 -31.53	74.47 0.02 -74.36	28.20 0.62 -20.02	21.71 1.34 -3.54	18.81 1.44 0.00
NYPA_POUCH1____GT 24155	21.99 1.00 -2.73	19.45 0.99 -1.06	18.87 0.99 -1.71	17.94 0.95 -1.69	18.72 1.05 0.00	19.85 1.07 -1.22	53.19 0.93 -37.04	25.29 1.48 -0.09	23.51 1.42 0.00	19.93 1.16 0.00	15.69 1.09 0.00	12.46 0.93 0.00	13.35 1.06 0.00	11.35 0.87 0.00	14.49 1.22 0.00	14.50 1.24 0.00	15.14 1.21 0.00	19.22 1.28 -3.37	20.29 0.78 -10.57	40.83 0.72 -31.53	74.49 0.04 -74.36	28.18 0.60 -20.02	21.69 1.31 -3.54	18.82 1.45 0.00
NYPA_VERNON____GT2 24162	21.99 1.00 -2.73	19.46 1.00 -1.06	18.87 0.99 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.37 1.56 -0.09	23.61 1.52 0.00	20.06 1.29 0.00	15.74 1.14 0.00	12.50 0.97 0.00	13.39 1.10 0.00	11.40 0.93 0.00	14.53 1.25 0.00	14.53 1.27 0.00	15.15 1.23 0.00	19.22 1.28 -3.37	20.29 0.78 -10.57	40.85 0.74 -31.53	74.47 0.01 -74.36	28.19 0.61 -20.02	21.69 1.32 -3.54	18.78 1.41 0.00

NYPA_VERNON___GT3 24163	21.99 1.00 -2.73	19.46 1.00 -1.06	18.87 0.99 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.87 1.08 -1.22	53.22 0.96 -37.04	25.37 1.56 -0.09	23.61 1.52 0.00	20.06 1.29 0.00	15.74 1.14 0.00	12.50 0.97 0.00	13.39 1.10 0.00	11.40 0.93 0.00	14.53 1.25 0.00	14.53 1.27 0.00	15.15 1.23 0.00	19.22 1.28 -3.37	20.29 0.78 -10.57	40.85 0.74 -31.53	74.47 0.01 -74.36	28.19 0.61 -20.02	21.69 1.32 -3.54	18.78 1.41 0.00
NYPA___ASTORIA_CC1 323568	21.96 0.97 -2.73	19.44 0.98 -1.06	18.86 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.85 1.06 -1.22	53.20 0.94 -37.04	25.33 1.53 -0.09	23.57 1.48 0.00	20.04 1.27 0.00	15.71 1.12 0.00	12.49 0.95 0.00	13.37 1.08 0.00	11.39 0.91 0.00	14.51 1.23 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.19 1.25 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
NYPA___ASTORIA_CC2 323569	21.96 0.97 -2.73	19.44 0.98 -1.06	18.86 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.85 1.06 -1.22	53.20 0.94 -37.04	25.33 1.53 -0.09	23.57 1.48 0.00	20.04 1.27 0.00	15.71 1.12 0.00	12.49 0.95 0.00	13.37 1.08 0.00	11.39 0.91 0.00	14.51 1.23 0.00	14.51 1.25 0.00	15.13 1.20 0.00	19.19 1.25 -3.37	20.28 0.77 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
NYPA___HOLTSVILL 23794	41.57 1.57 -21.74	19.97 1.52 -1.06	20.52 1.48 -2.86	18.34 1.35 -1.69	19.23 1.56 0.00	20.24 1.46 -1.22	53.71 1.44 -37.04	25.79 1.99 -0.09	23.95 1.87 0.00	21.44 1.56 -1.12	28.54 1.39 -12.55	14.73 1.14 -2.06	23.66 1.27 -10.10	37.84 1.04 -26.34	26.10 1.31 -11.52	27.14 1.35 -12.53	38.44 1.38 -23.14	19.70 1.45 -3.67	23.59 0.94 -13.72	56.72 0.89 -47.25	77.22 0.03 -77.11	33.19 0.84 -24.80	22.79 1.79 -4.16	19.11 1.74 0.00
NYPA___HELLGATE_GT1 24158	21.90 0.91 -2.73	19.41 0.95 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.67 0.99 0.00	19.82 1.04 -1.22	53.19 0.93 -37.04	25.32 1.51 -0.09	23.54 1.46 0.00	20.00 1.24 0.00	15.68 1.09 0.00	12.45 0.92 0.00	13.34 1.05 0.00	11.37 0.90 0.00	14.47 1.20 0.00	14.48 1.22 0.00	15.09 1.17 0.00	19.13 1.19 -3.37	20.26 0.75 -10.57	40.82 0.71 -31.53	74.46 0.01 -74.36	28.17 0.59 -20.02	21.67 1.29 -3.54	18.76 1.39 0.00
NYPA___HELLGATE_GT2 24159	21.90 0.91 -2.73	19.41 0.95 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.67 0.99 0.00	19.82 1.04 -1.22	53.19 0.93 -37.04	25.32 1.51 -0.09	23.54 1.46 0.00	20.00 1.24 0.00	15.68 1.09 0.00	12.45 0.92 0.00	13.34 1.05 0.00	11.37 0.90 0.00	14.47 1.20 0.00	14.48 1.22 0.00	15.09 1.17 0.00	19.13 1.19 -3.37	20.26 0.75 -10.57	40.82 0.71 -31.53	74.46 0.01 -74.36	28.17 0.59 -20.02	21.67 1.29 -3.54	18.76 1.39 0.00
NYS_BARGE___HYD 23848	18.43 -0.23 -0.39	17.30 -0.25 -0.15	16.40 -0.03 -0.25	15.48 -0.06 -0.24	17.67 0.00 0.00	17.72 -0.02 -0.17	20.21 -0.25 -5.25	22.87 -0.87 -0.01	21.44 -0.65 0.00	18.41 -0.36 0.00	14.35 -0.24 0.00	11.31 -0.22 0.00	11.96 -0.33 0.00	10.44 -0.04 0.00	12.97 -0.31 0.00	12.89 -0.37 0.00	13.45 -0.48 0.00	14.47 -0.59 -0.49	10.15 -0.32 -1.54	12.78 -0.37 -4.58	10.79 -0.04 -10.74	10.26 -0.21 -2.92	16.75 -0.60 -0.52	17.42 0.05 0.00
OAK ORCHARD___HYD 24046	18.53 -0.07 -0.33	17.42 -0.10 -0.13	16.42 0.04 -0.21	15.51 0.00 -0.21	17.74 0.06 0.00	17.82 0.10 -0.15	19.65 -0.02 -4.45	23.38 -0.35 -0.01	21.87 -0.22 0.00	18.65 -0.12 0.00	14.54 -0.06 0.00	11.47 -0.07 0.00	12.16 -0.14 0.00	10.35 -0.12 0.00	13.13 -0.14 0.00	13.10 -0.16 0.00	13.71 -0.22 0.00	14.74 -0.25 -0.42	10.13 -0.11 -1.31	12.34 -0.14 -3.89	9.18 -0.04 -9.13	9.99 -0.05 -2.49	17.02 -0.24 -0.44	17.48 0.11 0.00
OAKDALE___35_KV_LOAD 356122	19.39 0.35 -0.78	18.02 0.31 -0.31	17.00 0.34 -0.48	16.08 0.30 -0.48	18.04 0.36 0.00	18.33 0.40 -0.37	25.87 0.32 -10.33	24.14 0.39 -0.03	22.45 0.37 0.00	19.03 0.27 0.00	14.82 0.22 0.00	11.72 0.18 0.00	12.48 0.19 0.00	10.66 0.19 0.00	13.49 0.22 0.00	13.48 0.22 0.00	14.14 0.21 0.00	15.79 0.25 -0.97	12.14 0.18 -3.03	17.78 0.17 -9.03	21.26 0.00 -21.18	13.48 0.16 -5.76	18.13 0.28 -1.02	17.79 0.42 0.00
OCC_CHEM___DRP 24175	18.15 -0.51 -0.40	17.12 -0.44 -0.16	16.24 -0.19 -0.25	15.34 -0.22 -0.25	17.49 -0.19 0.00	17.53 -0.21 -0.17	20.15 -0.43 -5.37	22.51 -1.22 -0.01	21.10 -0.98 0.00	18.13 -0.63 0.00	14.15 -0.45 0.00	11.16 -0.37 0.00	11.79 -0.50 0.00	10.17 -0.30 0.00	12.77 -0.51 0.00	12.69 -0.57 0.00	13.24 -0.69 0.00	14.25 -0.82 -0.50	10.03 -0.48 -1.57	12.74 -0.53 -4.69	11.05 -0.04 -11.00	10.20 -0.34 -2.99	16.48 -0.88 -0.53	17.10 -0.27 0.00
OH_GEN_PROXY 24063	18.38 -0.28 -0.40	17.26 -0.30 -0.15	16.35 -0.08 -0.25	15.43 -0.12 -0.25	17.61 -0.07 0.00	17.64 -0.11 -0.18	20.23 -0.32 -5.33	22.79 -0.94 -0.01	21.40 -0.69 0.00	18.36 -0.40 0.00	14.33 -0.27 0.00	11.30 -0.23 0.00	11.95 -0.35 0.00	10.29 -0.18 0.00	12.93 -0.34 0.00	12.87 -0.39 0.00	13.42 -0.50 0.00	14.56 -0.62 -0.61	10.14 -0.35 -1.56	12.84 -0.40 -4.66	10.97 -0.06 -10.94	10.29 -0.24 -2.98	16.70 -0.65 -0.53	17.33 -0.04 0.00
OLIN_CORP_DRP 24177	18.20 -0.47 -0.40	17.09 -0.47 -0.16	16.19 -0.24 -0.25	15.30 -0.26 -0.25	17.43 -0.25 0.00	17.48 -0.26 -0.17	20.13 -0.47 -5.39	22.51 -1.22 -0.01	21.16 -0.93 0.00	18.16 -0.60 0.00	14.18 -0.42 0.00	11.18 -0.35 0.00	11.81 -0.48 0.00	10.23 -0.25 0.00	12.79 -0.49 0.00	12.72 -0.54 0.00	13.26 -0.66 0.00	14.28 -0.79 -0.50	10.06 -0.45 -1.58	12.78 -0.50 -4.71	11.09 -0.04 -11.04	10.24 -0.31 -3.01	16.53 -0.83 -0.53	17.15 -0.23 0.00
OLIN_CORP_DSASP 323712	18.15 -0.51 -0.40	17.12 -0.44 -0.16	16.24 -0.18 -0.25	15.34 -0.22 -0.25	17.49 -0.19 0.00	17.53 -0.22 -0.18	20.15 -0.43 -5.37	22.51 -1.22 -0.01	21.09 -0.99 0.00	18.14 -0.63 0.00	14.16 -0.44 0.00	11.16 -0.37 0.00	11.79 -0.50 0.00	10.17 -0.30 0.00	12.77 -0.51 0.00	12.70 -0.56 0.00	13.24 -0.68 0.00	14.25 -0.82 -0.50	10.04 -0.47 -1.57	12.74 -0.53 -4.69	11.05 -0.04 -11.00	10.19 -0.35 -2.99	16.47 -0.89 -0.53	17.13 -0.24 0.00
ONEIDA_HERK_LFGE 323681	18.35 0.00 -0.09	17.44 0.01 -0.03	16.34 0.10 -0.05	15.37 0.01 -0.05	17.76 0.08 0.00	17.68 0.07 -0.04	16.48 0.12 -1.14	23.80 0.07 0.00	22.17 0.08 0.00	18.81 0.04 0.00	14.54 -0.06 0.00	11.44 -0.09 0.00	12.20 -0.09 0.00	10.37 -0.10 0.00	13.13 -0.14 0.00	13.08 -0.18 0.00	13.70 -0.23 0.00	14.52 -0.16 -0.11	9.26 -0.01 -0.34	9.58 0.00 -1.00	2.44 -0.01 -2.35	7.48 -0.03 0.05	15.55 -0.11 1.16	16.45 -0.13 0.79
ONEIDA___115KV_TB4 55905	18.84 0.43 -0.14	17.85 0.40 -0.05	16.69 0.42 -0.09	15.76 0.36 -0.09	18.13 0.46 0.00	18.10 0.46 -0.06	17.55 0.41 -1.91	24.26 0.53 0.00	22.54 0.45 0.00	19.07 0.30 0.00	14.78 0.19 0.00	11.66 0.13 0.00	12.42 0.13 0.00	10.58 0.10 0.00	13.40 0.13 0.00	13.38 0.13 0.00	14.06 0.14 0.00	14.96 0.21 -0.18	9.71 0.21 -0.56	10.47 0.21 -1.68	4.04 -0.01 -3.95	8.83 0.20 -1.08	17.37 0.35 -0.19	18.21 0.40 -0.44

ONONDAGA_REF_OCCRA 23987	18.53 -0.04 -0.31	17.46 -0.06 -0.12	16.36 -0.01 -0.19	15.47 -0.03 -0.19	17.67 0.00 0.00	17.75 0.05 -0.14	19.36 0.03 -4.12	23.67 -0.06 -0.01	22.04 -0.05 0.00	18.68 -0.09 0.00	14.53 -0.06 0.00	11.47 -0.06 0.00	12.22 -0.08 0.00	10.42 -0.05 0.00	13.20 -0.07 0.00	13.19 -0.07 0.00	13.83 -0.09 0.00	14.89 -0.07 -0.38	10.14 0.00 -1.21	12.17 0.00 -3.60	8.52 -0.01 -8.44	9.86 0.01 -2.30	17.18 -0.06 -0.41	17.40 0.03 0.00
ONONDAGA___COGEN 23986	18.47 -0.08 -0.29	17.42 -0.10 -0.11	16.31 -0.05 -0.18	15.43 -0.06 -0.18	17.63 -0.05 0.00	17.71 0.01 -0.13	19.14 -0.01 -3.93	23.61 -0.12 -0.01	21.98 -0.11 0.00	18.63 -0.13 0.00	14.50 -0.09 0.00	11.43 -0.10 0.00	12.18 -0.11 0.00	10.39 -0.09 0.00	13.17 -0.10 0.00	13.15 -0.11 0.00	13.81 -0.11 0.00	14.85 -0.09 -0.36	10.05 -0.03 -1.14	11.96 -0.02 -3.40	8.06 -0.01 -7.98	9.73 0.00 -2.17	17.12 -0.09 -0.38	17.31 0.00 0.07
ONTARIO___LFGE 23819	18.96 0.32 -0.38	17.82 0.27 -0.15	16.75 0.33 -0.24	15.84 0.30 -0.24	18.07 0.40 0.00	18.18 0.44 -0.17	20.70 0.34 -5.14	24.12 0.39 -0.01	22.40 0.32 0.00	18.97 0.21 0.00	14.73 0.14 0.00	11.63 0.09 0.00	12.36 0.07 0.00	10.56 0.08 0.00	13.37 0.10 0.00	13.35 0.09 0.00	14.01 0.08 0.00	15.15 0.10 -0.48	10.57 0.13 -1.51	13.18 0.12 -4.49	10.60 -0.02 -10.53	10.55 0.13 -2.87	17.52 0.18 -0.51	17.78 0.41 0.00
ORANGEVILLE_WT_PWR 323706	18.96 0.23 -0.47	17.75 0.17 -0.18	16.81 0.34 -0.30	15.88 0.28 -0.29	18.09 0.41 0.00	18.19 0.41 -0.21	21.72 0.20 -6.29	23.61 -0.12 -0.02	22.10 0.01 0.00	18.86 0.10 0.00	14.72 0.13 0.00	11.65 0.12 0.00	12.36 0.07 0.00	10.65 0.17 0.00	13.37 0.10 0.00	13.32 0.06 0.00	13.89 -0.04 0.00	15.05 -0.12 -0.59	10.74 -0.04 -1.85	14.01 -0.07 -5.50	12.95 -0.05 -12.91	11.08 0.01 -3.51	17.34 -0.11 -0.62	17.75 0.38 0.00
ORANGEVILLE___ESR 323794	18.96 0.23 -0.47	17.75 0.17 -0.18	16.81 0.34 -0.30	15.88 0.28 -0.29	18.09 0.41 0.00	18.19 0.41 -0.21	21.72 0.20 -6.29	23.61 -0.12 -0.02	22.10 0.01 0.00	18.86 0.10 0.00	14.72 0.13 0.00	11.65 0.12 0.00	12.36 0.07 0.00	10.65 0.17 0.00	13.37 0.10 0.00	13.32 0.06 0.00	13.89 -0.04 0.00	15.05 -0.12 -0.59	10.74 -0.04 -1.85	14.01 -0.07 -5.50	12.95 -0.05 -12.91	11.08 0.01 -3.51	17.34 -0.11 -0.62	17.75 0.38 0.00
OSWEGATCHIE___HYD 24044	17.37 -0.97 -0.08	16.52 -0.91 -0.03	15.45 -0.77 -0.05	14.55 -0.80 -0.05	16.87 -0.81 0.00	16.68 -0.93 -0.03	15.62 -0.61 -1.02	22.72 -0.61 0.00	21.22 -0.86 0.00	18.08 -0.68 0.00	13.95 -0.65 0.00	10.94 -0.59 0.00	11.65 -0.64 0.00	9.90 -0.57 0.00	12.52 -0.76 0.00	12.44 -0.82 0.00	13.01 -0.91 0.00	13.78 -0.89 -0.09	8.76 -0.47 -0.30	9.04 -0.43 -0.89	2.18 -0.01 -2.10	2.30 -0.42 4.82	5.97 -0.95 9.92	-0.02 -1.13 16.26
OSWEGO___5 23606	18.05 -0.44 -0.23	17.06 -0.43 -0.09	15.96 -0.36 -0.15	15.10 -0.36 -0.14	17.29 -0.39 0.00	17.32 -0.36 -0.10	17.99 -0.34 -3.11	23.10 -0.63 -0.01	21.51 -0.58 0.00	18.26 -0.51 0.00	14.21 -0.38 0.00	11.22 -0.31 0.00	11.95 -0.35 0.00	10.19 -0.29 0.00	12.90 -0.37 0.00	12.88 -0.37 0.00	13.53 -0.40 0.00	14.47 -0.40 -0.29	9.63 -0.22 -0.92	11.09 -0.22 -2.73	6.48 -0.01 -6.40	9.12 -0.17 -1.74	16.69 -0.45 -0.31	17.01 -0.36 0.00
OSWEGO___6 23613	18.05 -0.44 -0.23	17.06 -0.43 -0.09	15.96 -0.36 -0.15	15.10 -0.36 -0.14	17.29 -0.39 0.00	17.32 -0.36 -0.10	17.99 -0.34 -3.11	23.10 -0.63 -0.01	21.51 -0.58 0.00	18.26 -0.51 0.00	14.21 -0.38 0.00	11.22 -0.31 0.00	11.95 -0.35 0.00	10.19 -0.29 0.00	12.90 -0.37 0.00	12.88 -0.37 0.00	13.53 -0.40 0.00	14.47 -0.40 -0.29	9.63 -0.22 -0.92	11.09 -0.22 -2.73	6.48 -0.01 -6.40	9.12 -0.17 -1.74	16.69 -0.45 -0.31	17.01 -0.36 0.00
OUTOKUMPU-AB___DRP 24206	18.66 -0.01 -0.41	17.55 -0.01 -0.16	16.63 0.20 -0.26	15.70 0.14 -0.25	17.92 0.24 0.00	17.96 0.22 -0.17	20.62 -0.04 -5.45	23.18 -0.55 -0.01	21.75 -0.33 0.00	18.66 -0.10 0.00	14.54 -0.05 0.00	11.48 -0.05 0.00	12.14 -0.16 0.00	10.51 0.04 0.00	13.14 -0.13 0.00	13.07 -0.19 0.00	13.63 -0.29 0.00	14.69 -0.39 -0.51	10.32 -0.21 -1.60	13.06 -0.27 -4.76	11.20 -0.04 -11.16	10.48 -0.11 -3.04	16.98 -0.39 -0.54	17.58 0.21 0.00
OXBOW____ 24026	18.45 -0.21 -0.40	17.37 -0.18 -0.16	16.48 0.05 -0.25	15.56 0.00 -0.25	17.75 0.07 0.00	17.80 0.05 -0.18	20.43 -0.20 -5.41	22.92 -0.82 -0.01	21.48 -0.61 0.00	18.46 -0.31 0.00	14.40 -0.20 0.00	11.35 -0.18 0.00	12.00 -0.30 0.00	10.37 -0.10 0.00	12.99 -0.28 0.00	12.92 -0.34 0.00	13.48 -0.45 0.00	14.51 -0.57 -0.51	10.20 -0.32 -1.58	12.92 -0.38 -4.72	11.13 -0.04 -11.08	10.35 -0.21 -3.02	16.76 -0.60 -0.53	17.42 0.05 0.00
OXY_CHEM_DSASP 323612	18.15 -0.51 -0.40	17.12 -0.44 -0.16	16.24 -0.19 -0.25	15.34 -0.22 -0.25	17.49 -0.19 0.00	17.53 -0.21 -0.17	20.15 -0.43 -5.37	22.51 -1.22 -0.01	21.10 -0.98 0.00	18.13 -0.63 0.00	14.15 -0.45 0.00	11.16 -0.37 0.00	11.79 -0.50 0.00	10.17 -0.30 0.00	12.77 -0.51 0.00	12.69 -0.57 0.00	13.24 -0.69 0.00	14.25 -0.82 -0.50	10.03 -0.48 -1.57	12.74 -0.53 -4.69	11.05 -0.04 -11.00	10.20 -0.34 -2.99	16.48 -0.88 -0.53	17.10 -0.27 0.00
OZONE_PARK_ESR 323760	22.12 1.13 -2.72	19.55 1.11 -1.04	18.97 1.08 -1.71	18.03 1.04 -1.69	18.83 1.15 0.00	19.97 1.19 -1.21	53.31 1.06 -37.03	25.52 1.71 -0.09	23.76 1.67 0.00	20.17 1.40 0.00	15.82 1.23 0.00	12.56 1.03 0.00	13.45 1.16 0.00	11.46 0.98 0.00	14.60 1.33 0.00	14.60 1.35 0.00	15.24 1.31 0.00	19.32 1.38 -3.37	20.35 0.84 -10.57	40.91 0.80 -31.53	74.47 0.01 -74.36	28.24 0.66 -20.02	21.81 1.44 -3.54	18.91 1.53 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.15 -0.51 -0.40	17.12 -0.44 -0.16	16.24 -0.19 -0.25	15.34 -0.22 -0.25	17.49 -0.19 0.00	17.53 -0.21 -0.17	20.15 -0.43 -5.37	22.51 -1.22 -0.01	21.10 -0.98 0.00	18.13 -0.63 0.00	14.15 -0.45 0.00	11.16 -0.37 0.00	11.79 -0.50 0.00	10.17 -0.30 0.00	12.77 -0.51 0.00	12.69 -0.57 0.00	13.24 -0.69 0.00	14.25 -0.82 -0.50	10.03 -0.48 -1.57	12.74 -0.53 -4.69	11.05 -0.04 -11.00	10.20 -0.34 -2.99	16.48 -0.88 -0.53	17.10 -0.27 0.00
PACKARD___115KV_DUPONT_184 80571	18.15 -0.51 -0.40	17.12 -0.44 -0.16	16.24 -0.19 -0.25	15.34 -0.22 -0.25	17.49 -0.19 0.00	17.53 -0.21 -0.17	20.15 -0.43 -5.37	22.51 -1.22 -0.01	21.10 -0.98 0.00	18.13 -0.63 0.00	14.15 -0.45 0.00	11.16 -0.37 0.00	11.79 -0.50 0.00	10.17 -0.30 0.00	12.77 -0.51 0.00	12.69 -0.57 0.00	13.24 -0.69 0.00	14.25 -0.82 -0.50	10.03 -0.48 -1.57	12.74 -0.53 -4.69	11.05 -0.04 -11.00	10.20 -0.34 -2.99	16.48 -0.88 -0.53	17.10 -0.27 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.93 0.94 -2.72	19.45 1.00 -1.04	18.87 0.98 -1.71	17.93 0.94 -1.69	18.71 1.03 0.00	19.85 1.07 -1.21	53.19 0.94 -37.03	25.33 1.53 -0.09	23.56 1.47 0.00	20.00 1.24 0.00	15.68 1.09 0.00	12.45 0.92 0.00	13.34 1.04 0.00	11.36 0.89 0.00	14.47 1.19 0.00	14.47 1.21 0.00	15.10 1.17 0.00	19.15 1.21 -3.37	20.27 0.76 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.17 0.59 -20.02	21.67 1.29 -3.54	18.77 1.40 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.94 0.96 -2.72	19.65 1.21 -1.04	18.97 1.08 -1.71	18.01 1.02 -1.69	18.80 1.13 0.00	19.90 1.13 -1.21	53.24 0.99 -37.03	25.39 1.58 -0.09	23.64 1.56 0.00	20.06 1.29 0.00	15.70 1.10 0.00	12.45 0.92 0.00	13.34 1.05 0.00	11.37 0.89 0.00	14.46 1.19 0.00	14.47 1.21 0.00	15.10 1.18 0.00	19.16 1.22 -3.37	20.27 0.76 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.19 0.61 -20.02	21.69 1.31 -3.54	18.85 1.48 0.00
PATROON__115KV_TB1 80586	22.02 0.32 -3.44	19.04 0.32 -1.33	18.65 0.32 -2.15	17.76 0.32 -2.13	17.99 0.31 0.00	19.42 0.32 -1.53	61.76 0.29 -46.25	24.26 0.43 -0.11	22.36 0.28 0.00	18.91 0.14 0.00	14.79 0.19 0.00	11.70 0.16 0.00	12.49 0.20 0.00	10.63 0.15 0.00	13.53 0.26 0.00	13.57 0.31 0.00	14.29 0.36 0.00	19.20 0.37 -4.26	22.57 0.27 -13.37	48.70 0.24 -39.88	93.92 -0.02 -93.85	34.09 0.15 -26.39	21.80 0.30 -4.67	17.71 0.34 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.10 0.39 -0.44	17.89 0.32 -0.17	16.91 0.46 -0.28	15.96 0.38 -0.27	18.24 0.57 0.00	18.28 0.52 -0.18	21.39 0.24 -5.93	23.76 0.03 -0.01	22.32 0.24 0.00	19.10 0.33 0.00	14.89 0.29 0.00	11.75 0.22 0.00	12.44 0.15 0.00	10.73 0.26 0.00	13.47 0.19 0.00	13.40 0.14 0.00	13.99 0.07 0.00	15.09 -0.03 -0.56	10.65 -0.02 -1.74	13.69 -0.07 -5.18	12.20 -0.05 -12.16	10.92 0.06 -3.31	17.42 0.00 -0.59	17.96 0.59 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.08 1.06 -2.75	19.48 1.02 -1.06	18.89 0.99 -1.72	17.96 0.95 -1.70	18.75 1.08 0.00	19.94 1.14 -1.23	53.28 1.02 -37.05	25.42 1.62 -0.09	23.59 1.51 0.00	19.98 1.21 0.00	15.63 1.04 0.00	12.40 0.86 0.00	13.27 0.97 0.00	11.30 0.82 0.00	14.38 1.11 0.00	14.41 1.15 0.00	15.09 1.17 0.00	19.20 1.26 -3.37	20.30 0.78 -10.58	40.88 0.75 -31.56	74.51 0.01 -74.41	28.24 0.63 -20.06	21.71 1.33 -3.55	18.77 1.40 0.00
PEEKSKILL____ 23653	21.89 0.92 -2.70	19.34 0.90 -1.04	18.75 0.88 -1.69	17.82 0.84 -1.67	18.62 0.94 0.00	19.76 0.98 -1.20	52.51 0.87 -36.42	25.18 1.37 -0.08	23.38 1.29 0.00	19.82 1.05 0.00	15.52 0.93 0.00	12.32 0.79 0.00	13.19 0.90 0.00	11.23 0.76 0.00	14.31 1.03 0.00	14.32 1.06 0.00	14.98 1.05 0.00	19.01 1.13 -3.31	20.03 0.70 -10.40	40.25 0.66 -31.01	73.23 0.01 -73.13	27.81 0.56 -19.70	21.49 1.17 -3.49	18.62 1.25 0.00
PGE MADISON__WINDPWR 24146	20.40 1.40 -0.73	19.03 1.35 -0.28	17.95 1.32 -0.46	16.98 1.22 -0.45	19.17 1.49 0.00	19.43 1.54 -0.32	26.46 1.42 -9.82	26.66 2.91 -0.03	24.54 2.46 0.00	20.64 1.87 0.00	15.76 1.17 0.00	12.41 0.88 0.00	13.13 0.84 0.00	11.15 0.67 0.00	14.10 0.82 0.00	14.11 0.86 0.00	14.89 0.97 0.00	16.44 0.90 -0.96	12.52 0.73 -2.85	17.81 0.73 -8.50	20.03 0.00 -19.94	13.65 0.67 -5.44	19.08 1.29 -0.96	18.71 1.33 0.00
PIERCEFIELD__HYD 23852	17.27 -1.03 -0.04	16.42 -1.00 -0.01	15.23 -0.98 -0.03	14.45 -0.88 -0.03	16.76 -0.92 0.00	16.41 -1.18 -0.02	15.00 -0.79 -0.57	22.67 -1.05 0.00	21.16 -0.93 0.00	18.15 -0.62 0.00	13.98 -0.62 0.00	10.98 -0.55 0.00	11.68 -0.62 0.00	9.95 -0.53 0.00	12.57 -0.70 0.00	12.53 -0.73 0.00	13.17 -0.76 0.00	13.79 -0.79 0.00	8.45 -0.49 0.00	8.12 -0.46 0.00	0.08 -0.01 0.00	-0.99 -0.44 8.11	0.88 -0.89 15.06	-6.59 -1.07 22.89
PINELAWN_CC_1 323563	41.49 1.49 -21.74	19.87 1.42 -1.06	20.39 1.38 -2.83	18.25 1.25 -1.69	19.12 1.44 0.00	20.15 1.36 -1.22	53.59 1.33 -37.04	25.69 1.88 -0.09	23.87 1.78 0.00	21.37 1.49 -1.12	28.48 1.33 -12.55	14.68 1.09 -2.06	23.61 1.22 -10.10	37.81 1.00 -26.34	26.09 1.30 -11.52	27.12 1.33 -12.53	38.40 1.34 -23.14	19.64 1.40 -3.67	23.56 0.90 -13.72	56.69 0.86 -47.25	77.22 0.03 -77.11	33.16 0.80 -24.80	22.72 1.73 -4.16	19.07 1.69 0.00
PJM_GEN_HTP_PROXY 323702	21.97 0.98 -2.73	19.42 0.96 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.69 1.01 0.00	19.84 1.05 -1.22	53.19 0.93 -37.04	25.32 1.51 -0.09	23.55 1.46 0.00	19.99 1.23 0.00	15.68 1.09 0.00	12.45 0.92 0.00	13.34 1.04 0.00	11.36 0.88 0.00	14.47 1.19 0.00	14.61 1.21 -0.14	15.09 1.17 0.00	19.17 1.23 -3.37	20.25 0.74 -10.57	40.82 0.71 -31.53	74.46 0.01 -74.36	28.17 0.59 -20.02	21.65 1.28 -3.54	18.74 1.37 0.00
PJM_GEN_KEystone 24065	20.49 0.56 -1.66	18.57 0.53 -0.64	17.79 0.57 -1.04	16.86 0.52 -1.03	18.29 0.61 0.00	18.94 0.63 -0.74	37.54 0.48 -21.84	24.41 0.64 -0.05	22.74 0.65 0.00	19.31 0.55 0.00	15.10 0.51 0.00	11.96 0.43 0.00	12.77 0.47 0.00	10.91 0.44 0.00	13.83 0.56 0.00	13.96 0.57 -0.14	14.47 0.54 0.00	17.12 0.55 -2.00	15.53 0.34 -6.26	27.56 0.31 -18.68	44.12 -0.01 -44.04	19.72 0.28 -11.88	19.49 0.55 -2.10	18.19 0.82 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.88 1.27 -13.35	19.66 1.21 -1.06	19.64 1.19 -2.27	18.08 1.08 -1.69	18.91 1.24 0.00	19.94 1.16 -1.22	53.38 1.12 -37.04	25.39 1.58 -0.09	23.60 1.52 0.00	20.56 1.29 -0.50	21.42 1.17 -5.66	13.43 0.98 -0.93	17.95 1.11 -4.55	23.25 0.91 -11.87	19.66 1.20 -5.19	20.26 1.21 -5.79	25.57 1.21 -10.43	19.34 1.26 -3.50	21.73 0.80 -12.00	47.96 0.76 -38.63	76.02 0.02 -75.91	30.95 0.69 -22.71	22.22 1.50 -3.89	18.87 1.49 0.00
PJM_GEN_VFT_PROXY 323633	21.86 0.86 -2.73	19.33 0.88 -1.06	18.76 0.87 -1.71	17.83 0.83 -1.69	18.59 0.92 0.00	19.72 0.93 -1.22	53.08 0.82 -37.04	25.14 1.34 -0.09	23.40 1.32 0.00	19.86 1.09 0.00	15.60 1.01 0.00	12.40 0.86 0.00	13.28 0.99 0.00	11.29 0.82 0.00	14.42 1.14 0.00	14.55 1.16 -0.14	15.02 1.09 0.00	19.09 1.15 -3.37	20.20 0.70 -10.57	40.77 0.66 -31.53	74.47 0.02 -74.36	28.11 0.54 -20.02	21.53 1.16 -3.54	18.65 1.28 0.00
PLATSBRG_115KV_PMLD1 355749	18.93 0.65 -0.02	17.92 0.52 -0.01	16.48 0.29 -0.01	15.56 0.24 -0.01	17.84 0.16 0.00	17.64 0.07 -0.01	15.59 0.13 -0.23	24.23 0.51 0.00	22.63 0.55 0.00	19.29 0.52 0.00	14.62 0.03 0.00	11.36 -0.17 0.00	11.98 -0.32 0.00	10.23 -0.25 0.00	13.03 -0.24 0.00	13.00 -0.25 0.00	13.65 -0.27 0.00	14.32 -0.25 0.00	8.75 -0.18 0.00	8.41 -0.17 0.00	0.03 -0.06 0.00	-2.86 -0.27 10.14	-2.37 -0.37 18.82	-11.08 -0.61 27.84
PLEASANTVLY__LBMP 24000	21.94 0.82 -2.85	19.29 0.80 -1.09	18.75 0.78 -1.79	17.82 0.75 -1.77	18.52 0.84 0.00	19.72 0.88 -1.27	54.58 0.77 -38.59	25.02 1.21 -0.09	23.20 1.12 0.00	19.66 0.89 0.00	15.39 0.80 0.00	12.21 0.68 0.00	13.06 0.77 0.00	11.12 0.64 0.00	14.16 0.88 0.00	14.17 0.91 0.00	14.85 0.92 0.00	19.07 0.99 -3.51	20.56 0.61 -11.01	42.00 0.59 -32.84	77.55 0.01 -77.46	28.90 0.49 -20.85	21.57 1.05 -3.69	18.49 1.12 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.96 0.96 -2.74	19.38 0.93 -1.05	18.80 0.91 -1.72	17.88 0.87 -1.70	18.65 0.97 0.00	19.80 1.02 -1.22	53.30 0.90 -37.19	25.26 1.45 -0.09	23.44 1.35 0.00	19.88 1.11 0.00	15.59 0.99 0.00	12.37 0.83 0.00	13.23 0.93 0.00	11.27 0.80 0.00	14.37 1.10 0.00	14.36 1.10 0.00	15.02 1.10 0.00	19.12 1.17 -3.38	20.27 0.72 -10.62	40.92 0.68 -31.66	74.77 0.01 -74.67	28.23 0.57 -20.11	21.60 1.21 -3.56	18.67 1.30 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.96 0.96 -2.74	19.38 0.93 -1.05	18.80 0.91 -1.72	17.88 0.87 -1.70	18.65 0.97 0.00	19.80 1.02 -1.22	53.30 0.90 -37.19	25.26 1.45 -0.09	23.44 1.35 0.00	19.88 1.11 0.00	15.59 0.99 0.00	12.37 0.83 0.00	13.23 0.93 0.00	11.27 0.80 0.00	14.37 1.10 0.00	14.36 1.10 0.00	15.02 1.10 0.00	19.12 1.17 -3.38	20.27 0.72 -10.62	40.92 0.68 -31.66	74.77 0.01 -74.67	28.23 0.57 -20.11	21.60 1.21 -3.56	18.67 1.30 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.01 0.95 -2.79	19.40 0.93 -1.08	18.81 0.89 -1.74	17.88 0.85 -1.72	18.64 0.97 0.00	19.85 1.03 -1.26	53.47 0.90 -37.36	25.24 1.43 -0.09	23.40 1.32 0.00	19.81 1.05 0.00	15.49 0.89 0.00	12.28 0.74 0.00	13.13 0.84 0.00	11.17 0.70 0.00	14.23 0.96 0.00	14.25 0.99 0.00	14.95 1.03 0.00	19.09 1.13 -3.39	20.30 0.70 -10.66	41.04 0.68 -31.78	75.06 0.01 -74.97	28.40 0.57 -20.28	21.62 1.20 -3.59	18.65 1.28 0.00
POLETTI____ 23519	21.94 0.96 -2.72	19.40 0.96 -1.04	18.83 0.94 -1.71	17.90 0.91 -1.69	18.68 1.01 0.00	19.79 1.01 -1.21	53.14 0.90 -37.03	25.25 1.44 -0.09	23.50 1.42 0.00	19.97 1.20 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.03 0.00	11.35 0.87 0.00	14.47 1.19 0.00	14.47 1.21 0.00	15.07 1.15 0.00	19.15 1.21 -3.37	20.23 0.73 -10.57	40.80 0.70 -31.53	74.47 0.01 -74.36	28.15 0.57 -20.02	21.62 1.25 -3.54	18.73 1.36 0.00
PORT_JEFF_3 23555	41.61 1.61 -21.74	19.99 1.54 -1.06	20.54 1.51 -2.86	18.36 1.37 -1.69	19.26 1.58 0.00	20.28 1.49 -1.22	53.74 1.48 -37.04	25.83 2.03 -0.09	23.99 1.91 0.00	21.48 1.59 -1.12	28.56 1.41 -12.55	14.75 1.16 -2.06	23.68 1.29 -10.10	37.86 1.05 -26.34	26.13 1.33 -11.52	27.17 1.38 -12.53	38.48 1.42 -23.14	19.74 1.49 -3.67	23.62 0.96 -13.72	56.75 0.92 -47.25	77.23 0.03 -77.11	33.21 0.86 -24.80	22.83 1.84 -4.16	19.15 1.78 0.00
PORT_JEFF_4 23616	41.61 1.61 -21.74	19.99 1.54 -1.06	20.54 1.51 -2.86	18.36 1.37 -1.69	19.26 1.58 0.00	20.28 1.49 -1.22	53.74 1.48 -37.04	25.83 2.03 -0.09	23.99 1.91 0.00	21.48 1.59 -1.12	28.56 1.41 -12.55	14.75 1.16 -2.06	23.68 1.29 -10.10	37.86 1.05 -26.34	26.13 1.33 -11.52	27.17 1.38 -12.53	38.48 1.42 -23.14	19.74 1.49 -3.67	23.62 0.96 -13.72	56.75 0.92 -47.25	77.23 0.03 -77.11	33.21 0.86 -24.80	22.83 1.84 -4.16	19.15 1.78 0.00
PORT_JEFF_IC 23713	41.61 1.61 -21.74	19.99 1.54 -1.06	20.54 1.51 -2.86	18.36 1.37 -1.69	19.26 1.58 0.00	20.28 1.50 -1.22	53.75 1.49 -37.04	25.85 2.04 -0.09	24.01 1.92 0.00	21.48 1.60 -1.12	28.57 1.42 -12.55	14.75 1.17 -2.06	23.69 1.30 -10.10	37.87 1.06 -26.34	26.13 1.33 -11.52	27.18 1.39 -12.53	38.49 1.43 -23.14	19.76 1.51 -3.67	23.64 0.98 -13.72	56.76 0.94 -47.25	77.22 0.03 -77.11	33.22 0.87 -24.80	22.84 1.85 -4.16	19.15 1.78 0.00
PPL PILGRIM_ST_GT1 24216	41.63 1.63 -21.74	20.01 1.55 -1.06	20.55 1.52 -2.85	18.37 1.38 -1.69	19.27 1.60 0.00	20.27 1.48 -1.22	53.72 1.46 -37.04	25.84 2.04 -0.09	24.01 1.92 0.00	21.51 1.62 -1.12	28.59 1.44 -12.55	14.77 1.19 -2.06	23.72 1.33 -10.10	37.89 1.08 -26.34	26.19 1.40 -11.52	27.22 1.43 -12.53	38.51 1.45 -23.14	19.72 1.47 -3.67	23.57 0.92 -13.72	56.69 0.87 -47.25	77.23 0.04 -77.11	33.22 0.87 -24.80	22.86 1.87 -4.16	19.21 1.84 0.00
PPL PILGRIM_ST_GT2 24217	41.63 1.63 -21.74	20.01 1.55 -1.06	20.55 1.52 -2.85	18.37 1.38 -1.69	19.27 1.60 0.00	20.27 1.48 -1.22	53.72 1.46 -37.04	25.84 2.04 -0.09	24.01 1.92 0.00	21.51 1.62 -1.12	28.59 1.44 -12.55	14.77 1.19 -2.06	23.72 1.33 -10.10	37.89 1.08 -26.34	26.19 1.40 -11.52	27.22 1.43 -12.53	38.51 1.45 -23.14	19.72 1.47 -3.67	23.57 0.92 -13.72	56.69 0.87 -47.25	77.23 0.04 -77.11	33.22 0.87 -24.80	22.86 1.87 -4.16	19.21 1.84 0.00
PPL_SHRM_GT3 24213	41.50 1.50 -21.74	19.89 1.44 -1.06	20.45 1.42 -2.86	18.28 1.28 -1.69	19.15 1.47 0.00	20.14 1.35 -1.22	53.64 1.38 -37.04	25.64 1.83 -0.09	23.76 1.67 0.00	21.26 1.38 -1.12	28.35 1.20 -12.55	14.57 0.99 -2.06	23.50 1.10 -10.10	37.70 0.89 -26.34	25.93 1.14 -11.52	26.98 1.19 -12.53	38.30 1.24 -23.14	19.57 1.33 -3.67	23.53 0.87 -13.72	56.67 0.84 -47.25	77.22 0.03 -77.11	33.14 0.79 -24.80	22.67 1.67 -4.16	19.01 1.64 0.00
PPL_SHRM_GT4 24214	41.50 1.50 -21.74	19.89 1.44 -1.06	20.45 1.42 -2.86	18.28 1.28 -1.69	19.15 1.47 0.00	20.14 1.35 -1.22	53.64 1.38 -37.04	25.64 1.83 -0.09	23.76 1.67 0.00	21.26 1.38 -1.12	28.35 1.20 -12.55	14.57 0.99 -2.06	23.50 1.10 -10.10	37.70 0.89 -26.34	25.93 1.14 -11.52	26.98 1.19 -12.53	38.30 1.24 -23.14	19.57 1.33 -3.67	23.53 0.87 -13.72	56.67 0.84 -47.25	77.22 0.03 -77.11	33.14 0.79 -24.80	22.67 1.67 -4.16	19.01 1.64 0.00
PROJECT____ORANGE 1 24174	18.38 -0.14 -0.26	17.34 -0.16 -0.10	16.24 -0.10 -0.16	15.36 -0.11 -0.16	17.58 -0.10 0.00	17.63 -0.06 -0.12	18.68 -0.06 -3.52	23.54 -0.19 -0.01	21.93 -0.15 0.00	18.60 -0.16 0.00	14.48 -0.12 0.00	11.44 -0.09 0.00	12.18 -0.11 0.00	10.39 -0.08 0.00	13.16 -0.11 0.00	13.14 -0.12 0.00	13.78 -0.15 0.00	14.77 -0.14 -0.33	9.92 -0.05 -1.04	11.62 -0.06 -3.11	7.36 -0.01 -7.28	9.50 -0.03 -1.98	17.02 -0.16 -0.35	17.31 -0.06 0.00
PROJECT____ORANGE 2 24166	18.38 -0.14 -0.26	17.34 -0.16 -0.10	16.24 -0.10 -0.16	15.36 -0.11 -0.16	17.58 -0.10 0.00	17.63 -0.06 -0.12	18.68 -0.06 -3.52	23.54 -0.19 -0.01	21.93 -0.15 0.00	18.60 -0.16 0.00	14.48 -0.12 0.00	11.44 -0.09 0.00	12.18 -0.11 0.00	10.39 -0.08 0.00	13.16 -0.11 0.00	13.14 -0.12 0.00	13.78 -0.15 0.00	14.77 -0.14 -0.33	9.92 -0.05 -1.04	11.62 -0.06 -3.11	7.36 -0.01 -7.28	9.50 -0.03 -1.98	17.02 -0.16 -0.35	17.31 -0.06 0.00
PUCKETT____SOLAR 323809	19.69 0.65 -0.79	18.30 0.60 -0.30	17.28 0.61 -0.49	16.35 0.56 -0.49	18.36 0.68 0.00	18.65 0.73 -0.35	26.40 0.63 -10.55	24.69 0.94 -0.03	22.85 0.76 0.00	19.28 0.51 0.00	14.95 0.35 0.00	11.81 0.28 0.00	12.56 0.27 0.00	10.73 0.25 0.00	13.56 0.29 0.00	13.56 0.30 0.00	14.25 0.33 0.00	15.98 0.41 -1.00	12.35 0.33 -3.09	18.11 0.33 -9.21	21.68 0.00 -21.59	13.73 0.30 -5.88	18.44 0.58 -1.04	18.07 0.69 0.00
PYRITES____HYD 24023	17.70 -0.60 -0.04	16.80 -0.61 -0.01	15.57 -0.63 -0.02	14.79 -0.54 -0.02	17.16 -0.52 0.00	16.79 -0.79 -0.02	15.29 -0.46 -0.53	23.18 -0.54 0.00	21.61 -0.48 0.00	18.51 -0.26 0.00	14.25 -0.35 0.00	11.20 -0.33 0.00	11.92 -0.38 0.00	10.16 -0.32 0.00	12.83 -0.44 0.00	12.79 -0.47 0.00	13.45 -0.48 0.00	14.09 -0.48 0.00	8.62 -0.31 0.00	8.30 -0.28 0.00	0.08 -0.01 0.00	-1.04 -0.26 8.33	0.86 -0.50 15.47	-6.72 -0.65 23.44
QUAKERRD_115KV_BK1 80622	18.09 -0.49 -0.32	17.02 -0.49 -0.12	16.03 -0.35 -0.20	15.14 -0.37 -0.20	17.31 -0.37 0.00	17.36 -0.34 -0.13	19.14 -0.39 -4.31	22.88 -0.85 -0.01	21.38 -0.71 0.00	18.21 -0.55 0.00	14.18 -0.42 0.00	11.19 -0.34 0.00	11.87 -0.42 0.00	10.11 -0.36 0.00	12.83 -0.45 0.00	12.80 -0.46 0.00	13.40 -0.52 0.00	14.41 -0.56 -0.40	9.90 -0.31 -1.27	12.03 -0.32 -3.77	8.91 -0.04 -8.85	9.75 -0.21 -2.41	16.65 -0.60 -0.43	17.04 -0.33 0.00

QUENSBRY_I15KV_TB8 356137	22.68	19.53	19.12	18.19	18.51	20.07	64.04	24.93	22.83	19.29	15.02	11.86	12.68	10.83	13.75	13.80	14.63	19.86	23.43	50.73	97.86	35.18	22.49	18.15
	0.84	0.75	0.71	0.68	0.83	0.90	0.86	1.10	0.75	0.52	0.42	0.33	0.39	0.35	0.47	0.54	0.71	0.84	0.53	0.52	-0.03	0.40	0.84	0.78
	-3.57	-1.39	-2.24	-2.21	0.00	-1.60	-47.96	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.45	-13.96	-41.64	-97.80	-27.23	-4.82	0.00
RAMAPO____LBMP 323565	21.78	19.28	18.69	17.75	18.60	19.70	50.09	25.13	23.32	19.75	15.47	12.28	13.15	11.20	14.26	14.28	14.94	18.77	19.34	38.24	68.50	26.52	21.21	18.59
	0.91	0.89	0.87	0.83	0.92	0.97	0.84	1.33	1.23	0.99	0.88	0.74	0.86	0.73	0.99	1.02	1.01	1.10	0.68	0.64	0.01	0.53	1.12	1.22
	-2.61	-1.00	-1.64	-1.62	0.00	-1.16	-34.02	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.10	-9.73	-29.02	-68.41	-18.43	-3.26	0.00
RANKINE____ 23646	18.94	17.75	16.81	15.86	18.11	18.16	21.12	23.54	22.10	18.94	14.77	11.65	12.33	10.64	13.34	13.28	13.86	14.94	10.53	13.46	11.82	10.77	17.26	17.81
	0.25	0.18	0.36	0.28	0.43	0.41	0.15	-0.19	0.02	0.17	0.17	0.12	0.04	0.16	0.07	0.02	-0.07	-0.17	-0.09	-0.14	-0.05	0.01	-0.14	0.43
	-0.43	-0.17	-0.27	-0.26	0.00	-0.18	-5.74	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-1.68	-5.02	-11.78	-3.21	-0.57	0.00
RAVENSWOOD_GT2_1 24244	21.97	19.42	18.83	17.90	18.69	19.83	53.19	25.30	23.53	19.98	15.67	12.44	13.33	11.35	14.47	14.47	15.09	19.17	20.25	40.82	74.47	28.17	21.65	18.74
	0.98	0.96	0.94	0.91	1.01	1.04	0.93	1.49	1.45	1.22	1.08	0.91	1.03	0.88	1.19	1.21	1.17	1.23	0.75	0.71	0.01	0.59	1.27	1.36
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
RAVENSWOOD_GT2_2 24245	21.97	19.42	18.83	17.90	18.69	19.83	53.19	25.30	23.53	19.98	15.67	12.44	13.33	11.35	14.47	14.47	15.09	19.17	20.25	40.82	74.47	28.17	21.65	18.74
	0.98	0.96	0.94	0.91	1.01	1.04	0.93	1.49	1.45	1.22	1.08	0.91	1.03	0.88	1.19	1.21	1.17	1.23	0.75	0.71	0.01	0.59	1.27	1.36
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
RAVENSWOOD_GT2_3 24246	21.98	19.43	18.84	17.91	18.70	19.84	53.19	25.31	23.54	19.99	15.68	12.45	13.34	11.36	14.47	14.47	15.10	19.18	20.26	40.82	74.47	28.17	21.65	18.74
	0.98	0.97	0.95	0.91	1.01	1.05	0.93	1.50	1.46	1.22	1.09	0.92	1.04	0.88	1.20	1.22	1.18	1.24	0.75	0.71	0.02	0.59	1.28	1.37
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
RAVENSWOOD_GT2_4 24247	21.98	19.43	18.84	17.91	18.70	19.84	53.19	25.31	23.54	19.99	15.68	12.45	13.34	11.36	14.47	14.47	15.10	19.18	20.26	40.82	74.47	28.17	21.65	18.74
	0.98	0.97	0.95	0.91	1.01	1.05	0.93	1.50	1.46	1.22	1.09	0.92	1.04	0.88	1.20	1.22	1.18	1.24	0.75	0.71	0.02	0.59	1.28	1.37
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
RAVENSWOOD_GT3_1 24248	21.97	19.42	18.83	17.90	18.69	19.82	53.18	25.30	23.52	19.98	15.67	12.44	13.33	11.35	14.47	14.47	15.09	19.17	20.25	40.82	74.47	28.17	21.64	18.74
	0.98	0.96	0.94	0.91	1.01	1.04	0.92	1.49	1.44	1.22	1.08	0.91	1.03	0.87	1.19	1.21	1.17	1.23	0.74	0.71	0.01	0.59	1.27	1.36
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
RAVENSWOOD_GT3_2 24249	21.97	19.42	18.83	17.90	18.69	19.82	53.18	25.30	23.52	19.98	15.67	12.44	13.33	11.35	14.47	14.47	15.09	19.17	20.25	40.82	74.47	28.17	21.64	18.74
	0.98	0.96	0.94	0.91	1.01	1.04	0.92	1.49	1.44	1.22	1.08	0.91	1.03	0.87	1.19	1.21	1.17	1.23	0.74	0.71	0.01	0.59	1.27	1.36
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
RAVENSWOOD_GT3_3 24250	22.00	19.44	18.86	17.92	18.71	19.85	53.21	25.34	23.57	20.01	15.70	12.47	13.35	11.37	14.49	14.49	15.12	19.19	20.27	40.83	74.47	28.18	21.67	18.76
	1.00	0.98	0.97	0.93	1.03	1.07	0.95	1.53	1.48	1.25	1.11	0.94	1.06	0.90	1.22	1.23	1.19	1.26	0.76	0.72	0.02	0.60	1.30	1.39
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
RAVENSWOOD_GT3_4 24251	22.00	19.44	18.86	17.92	18.71	19.85	53.21	25.34	23.57	20.01	15.70	12.47	13.35	11.37	14.49	14.49	15.12	19.19	20.27	40.83	74.47	28.18	21.67	18.76
	1.00	0.98	0.97	0.93	1.03	1.07	0.95	1.53	1.48	1.25	1.11	0.94	1.06	0.90	1.22	1.23	1.19	1.26	0.76	0.72	0.02	0.60	1.30	1.39
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
RAVENSWOOD_GT_1 23729	21.99	19.46	18.87	17.94	18.73	19.87	53.22	25.37	23.61	20.06	15.74	12.50	13.39	11.40	14.53	14.53	15.15	19.22	20.29	40.85	74.47	28.19	21.69	18.78
	1.00	1.00	0.99	0.95	1.05	1.08	0.96	1.56	1.52	1.29	1.14	0.97	1.10	0.93	1.25	1.27	1.23	1.28	0.78	0.74	0.01	0.61	1.32	1.41
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
RAVENSWOOD_GT_10 24258	21.97	19.42	18.83	17.90	18.69	19.82	53.18	25.29	23.52	19.98	15.67	12.44	13.33	11.35	14.47	14.47	15.09	19.17	20.25	40.82	74.47	28.17	21.64	18.73
	0.98	0.96	0.94	0.91	1.01	1.04	0.92	1.49	1.44	1.22	1.08	0.91	1.03	0.87	1.19	1.21	1.17	1.23	0.74	0.71	0.01	0.59	1.27	1.36
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
RAVENSWOOD_GT_11 24259	21.97	19.42	18.83	17.90	18.69	19.82	53.18	25.29	23.52	19.98	15.67	12.44	13.33	11.35	14.47	14.47	15.09	19.17	20.25	40.82	74.47	28.17	21.64	18.73
	0.98	0.96	0.94	0.91	1.01	1.04	0.92	1.49	1.44	1.22	1.08	0.91	1.03	0.87	1.19	1.21	1.17	1.23	0.74	0.71	0.01	0.59	1.27	1.36
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00
RAVENSWOOD_GT_4 24252	21.97	19.42	18.83	17.90	18.69	19.83	53.19	25.29	23.52	19.97	15.67	12.44	13.32	11.35	14.46	14.46	15.09	19.16	20.25	40.82	74.47	28.17	21.64	18.73
	0.98	0.96	0.94	0.91	1.01	1.04	0.93	1.49	1.44	1.21	1.07	0.91	1.03	0.87	1.18	1.20	1.16	1.23	0.75	0.71	0.01	0.59	1.27	1.36
	-2.73	-1.06	-1.71	-1.69	0.00	-1.22	-37.04	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-10.57	-31.53	-74.36	-20.02	-3.54	0.00

RAVENSWOOD_GT_5 24254	21.97 0.98 -2.73	19.42 0.96 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.69 1.01 0.00	19.83 1.04 -1.22	53.19 0.93 -37.04	25.29 1.49 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.07 0.00	12.44 0.91 0.00	13.32 1.03 0.00	11.35 0.87 0.00	14.46 1.18 0.00	14.46 1.20 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.75 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.17 0.59 -20.02	21.64 1.27 -3.54	18.73 1.36 0.00
RAVENSWOOD_GT_6 24253	21.97 0.98 -2.73	19.42 0.96 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.69 1.01 0.00	19.83 1.04 -1.22	53.19 0.93 -37.04	25.29 1.49 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.07 0.00	12.44 0.91 0.00	13.32 1.03 0.00	11.35 0.87 0.00	14.46 1.18 0.00	14.46 1.20 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.75 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.17 0.59 -20.02	21.64 1.27 -3.54	18.73 1.36 0.00
RAVENSWOOD_GT_7 24255	21.97 0.98 -2.73	19.42 0.96 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.69 1.01 0.00	19.83 1.04 -1.22	53.19 0.93 -37.04	25.29 1.49 -0.09	23.52 1.44 0.00	19.97 1.21 0.00	15.67 1.07 0.00	12.44 0.91 0.00	13.32 1.03 0.00	11.35 0.87 0.00	14.46 1.18 0.00	14.46 1.20 0.00	15.09 1.16 0.00	19.16 1.23 -3.37	20.25 0.75 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.17 0.59 -20.02	21.64 1.27 -3.54	18.73 1.36 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.97 0.98 -2.73	19.42 0.96 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.69 1.01 0.00	19.82 1.04 -1.22	53.18 0.92 -37.04	25.29 1.49 -0.09	23.52 1.44 0.00	19.98 1.22 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.03 0.00	11.35 0.87 0.00	14.47 1.19 0.00	14.47 1.21 0.00	15.09 1.17 0.00	19.17 1.23 -3.37	20.25 0.74 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.17 0.59 -20.02	21.64 1.27 -3.54	18.73 1.36 0.00
RAVENSWOOD_GT_9 24257	21.97 0.98 -2.73	19.42 0.96 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.69 1.01 0.00	19.82 1.04 -1.22	53.18 0.92 -37.04	25.29 1.49 -0.09	23.52 1.44 0.00	19.98 1.22 0.00	15.67 1.08 0.00	12.44 0.91 0.00	13.33 1.03 0.00	11.35 0.87 0.00	14.47 1.19 0.00	14.47 1.21 0.00	15.09 1.17 0.00	19.17 1.23 -3.37	20.25 0.74 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.17 0.59 -20.02	21.64 1.27 -3.54	18.73 1.36 0.00
RAVENSWOOD___1 23533	21.96 0.97 -2.73	19.44 0.98 -1.06	18.85 0.96 -1.71	17.92 0.93 -1.69	18.70 1.02 0.00	19.84 1.06 -1.22	53.20 0.94 -37.04	25.33 1.52 -0.09	23.57 1.48 0.00	20.02 1.26 0.00	15.71 1.11 0.00	12.48 0.95 0.00	13.37 1.07 0.00	11.38 0.91 0.00	14.49 1.22 0.00	14.50 1.24 0.00	15.12 1.20 0.00	19.19 1.25 -3.37	20.27 0.76 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
RAVENSWOOD___2 23534	21.96 0.97 -2.73	19.44 0.98 -1.06	18.85 0.96 -1.71	17.92 0.93 -1.69	18.70 1.02 0.00	19.84 1.06 -1.22	53.20 0.94 -37.04	25.33 1.52 -0.09	23.57 1.48 0.00	20.02 1.26 0.00	15.71 1.11 0.00	12.48 0.95 0.00	13.37 1.07 0.00	11.38 0.91 0.00	14.49 1.22 0.00	14.50 1.24 0.00	15.12 1.20 0.00	19.19 1.25 -3.37	20.27 0.76 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
RAVENSWOOD___3 23535	21.97 0.98 -2.73	19.42 0.96 -1.06	18.83 0.94 -1.71	17.90 0.91 -1.69	18.69 1.01 0.00	19.83 1.04 -1.22	53.19 0.93 -37.04	25.30 1.49 -0.09	23.54 1.45 0.00	19.98 1.22 0.00	15.67 1.08 0.00	12.45 0.92 0.00	13.33 1.04 0.00	11.35 0.88 0.00	14.47 1.19 0.00	14.47 1.21 0.00	15.09 1.17 0.00	19.17 1.23 -3.37	20.26 0.75 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.17 0.59 -20.02	21.65 1.27 -3.54	18.74 1.37 0.00
RAVENSWOOD___4 23820	21.96 0.97 -2.73	19.44 0.98 -1.06	18.85 0.96 -1.71	17.92 0.93 -1.69	18.70 1.02 0.00	19.84 1.06 -1.22	53.20 0.94 -37.04	25.33 1.52 -0.09	23.57 1.48 0.00	20.02 1.26 0.00	15.71 1.11 0.00	12.48 0.95 0.00	13.37 1.07 0.00	11.38 0.91 0.00	14.49 1.22 0.00	14.50 1.24 0.00	15.12 1.20 0.00	19.19 1.25 -3.37	20.27 0.76 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.18 0.60 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
RCPL_TRUST___DRP 24196	21.98 1.00 -2.72	19.42 0.98 -1.04	18.85 0.97 -1.71	17.92 0.93 -1.69	18.71 1.03 0.00	19.85 1.08 -1.21	53.20 0.96 -37.03	25.35 1.54 -0.09	23.59 1.50 0.00	20.04 1.27 0.00	15.72 1.12 0.00	12.48 0.95 0.00	13.37 1.08 0.00	11.38 0.91 0.00	14.50 1.23 0.00	14.51 1.25 0.00	15.13 1.21 0.00	19.21 1.27 -3.37	20.27 0.76 -10.57	40.84 0.73 -31.53	74.46 0.01 -74.36	28.18 0.60 -20.02	21.68 1.31 -3.54	18.77 1.40 0.00
RED___ROCHESTER 323720	18.63 0.04 -0.33	17.52 -0.01 -0.13	16.51 0.12 -0.21	15.59 0.08 -0.20	17.83 0.16 0.00	17.92 0.21 -0.15	19.73 0.07 -4.43	23.53 -0.20 -0.01	22.01 -0.08 0.00	18.76 0.00 0.00	14.63 0.04 0.00	11.54 0.01 0.00	12.24 -0.06 0.00	10.40 -0.07 0.00	13.22 -0.05 0.00	13.18 -0.08 0.00	13.80 -0.12 0.00	14.84 -0.15 -0.41	10.20 -0.04 -1.30	12.38 -0.07 -3.88	9.14 -0.04 -9.09	10.03 0.01 -2.48	17.13 -0.14 -0.44	17.58 0.21 0.00
REGAN___SOLAR 323812	24.06 1.75 -4.04	20.59 1.63 -1.56	20.20 1.49 -2.53	19.19 1.39 -2.50	19.38 1.70 0.00	21.06 1.69 -1.80	70.95 1.47 -54.27	25.81 1.96 -0.13	23.61 1.52 0.00	19.77 1.00 0.00	15.37 0.77 0.00	12.09 0.56 0.00	12.85 0.56 0.00	10.97 0.49 0.00	13.87 0.59 0.00	13.89 0.63 0.00	14.64 0.71 0.00	20.58 0.94 -5.07	25.62 0.78 -15.90	56.82 0.81 -47.42	111.34 0.02 -111.24	39.02 0.74 -30.73	23.86 1.59 -5.44	19.07 1.69 0.00
RENSSELAER___COGEN 23796	21.92 0.25 -3.40	18.96 0.25 -1.32	18.56 0.25 -2.13	17.67 0.26 -2.10	17.92 0.24 0.00	19.33 0.25 -1.52	61.17 0.23 -45.73	24.16 0.33 -0.11	22.26 0.17 0.00	18.82 0.05 0.00	14.71 0.12 0.00	11.64 0.11 0.00	12.44 0.14 0.00	10.58 0.10 0.00	13.47 0.20 0.00	13.50 0.24 0.00	14.21 0.29 0.00	19.08 0.30 -4.21	22.38 0.22 -13.23	48.23 0.20 -39.45	92.92 -0.01 -92.85	33.79 0.11 -26.13	21.68 0.23 -4.62	17.62 0.25 0.00
REPUBLIC_115KV_BARTNBK 55605	23.55 1.72 -3.57	20.26 1.48 -1.39	19.81 1.40 -2.23	18.85 1.34 -2.20	19.36 1.69 0.00	20.88 1.71 -1.60	64.68 1.55 -47.92	25.45 1.62 -0.11	23.18 1.10 0.00	19.82 1.05 0.00	15.32 0.73 0.00	12.03 0.50 0.00	12.90 0.61 0.00	11.03 0.56 0.00	14.01 0.74 0.00	14.10 0.84 0.00	15.12 1.20 0.00	20.38 1.36 -4.44	23.69 0.81 -13.95	50.94 0.77 -41.59	97.71 -0.07 -97.69	35.35 0.59 -27.21	22.91 1.26 -4.82	18.59 1.22 0.00
REVERE_CPPR_DRP 24186	18.86 0.47 -0.12	17.88 0.44 -0.05	16.73 0.48 -0.08	15.78 0.40 -0.08	18.19 0.51 0.00	18.13 0.50 -0.05	17.35 0.47 -1.67	24.31 0.59 0.00	22.62 0.54 0.00	19.12 0.36 0.00	14.80 0.20 0.00	11.66 0.12 0.00	12.42 0.12 0.00	10.57 0.10 0.00	13.39 0.12 0.00	13.37 0.11 0.00	14.04 0.12 0.00	14.94 0.21 -0.16	9.66 0.23 -0.49	10.28 0.23 -1.47	3.54 -0.01 -3.45	8.36 0.21 -0.59	16.71 0.36 0.47	17.50 0.40 0.27

REYNOLDS_115KV_TB3 80639	22.10 0.43 -3.40	19.13 0.42 -1.31	18.73 0.42 -2.14	17.82 0.40 -2.11	18.08 0.40 0.00	19.50 0.42 -1.51	61.43 0.37 -45.83	24.36 0.54 -0.11	22.45 0.36 0.00	18.98 0.21 0.00	14.81 0.22 0.00	11.71 0.18 0.00	12.51 0.22 0.00	10.64 0.17 0.00	13.58 0.31 0.00	13.63 0.37 0.00	14.36 0.43 0.00	19.22 0.46 -4.19	22.41 0.31 -13.16	48.11 0.29 -39.25	92.55 -0.03 -92.49	33.92 0.17 -26.19	21.83 0.37 -4.63	17.77 0.40 0.00
RIVERBAY____ 323610	21.94 0.96 -2.72	19.65 1.21 -1.04	18.97 1.08 -1.71	18.01 1.02 -1.69	18.80 1.13 0.00	19.90 1.13 -1.21	53.24 0.99 -37.03	25.39 1.58 -0.09	23.64 1.56 0.00	20.06 1.29 0.00	15.70 1.10 0.00	12.45 0.92 0.00	13.34 1.05 0.00	11.37 0.89 0.00	14.46 1.19 0.00	14.47 1.21 0.00	15.10 1.18 0.00	19.16 1.22 -3.37	20.27 0.76 -10.57	40.82 0.71 -31.53	74.47 0.01 -74.36	28.19 0.61 -20.02	21.69 1.31 -3.54	18.85 1.48 0.00
RIVERSDE_115KV_TB3 55908	22.00 0.33 -3.41	19.03 0.32 -1.31	18.64 0.33 -2.14	17.74 0.32 -2.11	17.99 0.31 0.00	19.41 0.32 -1.52	61.38 0.29 -45.88	24.25 0.42 -0.11	22.35 0.26 0.00	18.89 0.12 0.00	14.77 0.17 0.00	11.68 0.15 0.00	12.48 0.18 0.00	10.61 0.14 0.00	13.53 0.26 0.00	13.57 0.31 0.00	14.29 0.36 0.00	19.15 0.37 -4.21	22.41 0.26 -13.22	48.23 0.24 -39.41	92.89 -0.02 -92.82	33.90 0.14 -26.21	21.75 0.29 -4.64	17.69 0.32 0.00
ROARING____BROOK_WT_PWR 323790	17.67 -0.60 0.00	16.88 -0.52 0.00	15.78 -0.40 0.00	14.81 -0.50 0.00	17.16 -0.52 0.00	17.01 -0.56 0.00	14.76 -0.46 0.00	22.99 -0.73 0.00	21.71 -0.37 0.00	18.53 -0.24 0.00	14.30 -0.29 0.00	11.20 -0.33 0.00	11.92 -0.37 0.00	10.16 -0.31 0.00	12.86 -0.41 0.00	12.81 -0.45 0.00	13.38 -0.54 0.00	14.06 -0.51 0.00	8.58 -0.36 0.00	8.25 -0.32 0.00	0.06 -0.03 0.00	-12.13 -0.39 19.29	-20.00 -1.01 35.81	-35.88 -0.85 52.41
ROCHESRG_115KV_T4 355643	18.46 -0.13 -0.33	17.36 -0.16 -0.13	16.37 -0.02 -0.20	15.46 -0.05 -0.20	17.67 0.00 0.00	17.74 0.03 -0.14	19.53 -0.09 -4.41	23.29 -0.44 -0.01	21.78 -0.31 0.00	18.58 -0.19 0.00	14.47 -0.12 0.00	11.42 -0.11 0.00	12.11 -0.19 0.00	10.32 -0.15 0.00	13.08 -0.19 0.00	13.04 -0.22 0.00	13.65 -0.28 0.00	14.67 -0.32 -0.41	10.08 -0.15 -1.29	12.26 -0.18 -3.85	9.09 -0.04 -9.04	9.93 -0.08 -2.46	16.96 -0.30 -0.44	17.40 0.03 0.00
ROCHESTER_9_IC 23652	18.56 -0.04 -0.33	17.45 -0.08 -0.13	16.45 0.06 -0.21	15.53 0.02 -0.20	17.76 0.08 0.00	17.83 0.12 -0.14	19.65 0.00 -4.43	23.43 -0.30 -0.01	21.90 -0.19 0.00	18.68 -0.09 0.00	14.55 -0.04 0.00	11.49 -0.05 0.00	12.18 -0.12 0.00	10.36 -0.11 0.00	13.15 -0.12 0.00	13.12 -0.14 0.00	13.73 -0.20 0.00	14.76 -0.23 -0.41	10.14 -0.09 -1.30	12.33 -0.12 -3.88	9.14 -0.04 -9.09	10.00 -0.03 -2.48	17.06 -0.21 -0.44	17.49 0.12 0.00
ROCKVIEW_13_KV_LD 356306	22.00 1.02 -2.72	19.42 0.98 -1.04	18.84 0.95 -1.71	17.90 0.91 -1.69	18.69 1.01 0.00	19.83 1.06 -1.21	53.19 0.95 -37.03	25.32 1.51 -0.09	23.52 1.44 0.00	19.97 1.20 0.00	15.65 1.05 0.00	12.42 0.89 0.00	13.30 1.00 0.00	11.33 0.85 0.00	14.43 1.15 0.00	14.44 1.18 0.00	15.09 1.16 0.00	19.17 1.24 -3.37	20.26 0.76 -10.57	40.83 0.72 -31.53	74.46 0.01 -74.36	28.17 0.60 -20.02	21.66 1.28 -3.54	18.74 1.37 0.00
ROME____115KV_TB2 80656	18.86 0.47 -0.12	17.88 0.44 -0.05	16.73 0.48 -0.08	15.78 0.40 -0.08	18.19 0.51 0.00	18.13 0.50 -0.05	17.35 0.47 -1.67	24.31 0.59 0.00	22.62 0.54 0.00	19.12 0.36 0.00	14.80 0.20 0.00	11.66 0.12 0.00	12.42 0.12 0.00	10.57 0.10 0.00	13.39 0.12 0.00	13.37 0.11 0.00	14.04 0.12 0.00	14.94 0.21 -0.16	9.66 0.23 -0.49	10.28 0.23 -1.47	3.54 -0.01 -3.45	8.36 0.21 -0.59	16.71 0.36 0.47	17.50 0.40 0.27
ROSETON____1 23587	21.83 0.86 -2.70	19.28 0.84 -1.05	18.69 0.82 -1.69	17.75 0.78 -1.67	18.55 0.87 0.00	19.69 0.92 -1.20	52.17 0.81 -36.15	25.07 1.27 -0.08	23.26 1.18 0.00	19.71 0.94 0.00	15.43 0.83 0.00	12.24 0.70 0.00	13.10 0.80 0.00	11.15 0.68 0.00	14.20 0.92 0.00	14.21 0.95 0.00	14.88 0.96 0.00	18.89 1.03 -3.28	19.89 0.64 -10.32	39.97 0.61 -30.78	72.69 0.01 -72.59	27.62 0.51 -19.55	21.37 1.08 -3.46	18.53 1.15 0.00
ROSETON____2 23588	21.83 0.86 -2.70	19.28 0.84 -1.05	18.69 0.82 -1.69	17.75 0.78 -1.67	18.55 0.87 0.00	19.69 0.92 -1.20	52.17 0.81 -36.15	25.07 1.27 -0.08	23.26 1.18 0.00	19.71 0.94 0.00	15.43 0.83 0.00	12.24 0.70 0.00	13.10 0.80 0.00	11.15 0.68 0.00	14.20 0.92 0.00	14.21 0.95 0.00	14.88 0.96 0.00	18.89 1.03 -3.28	19.89 0.64 -10.32	39.97 0.61 -30.78	72.69 0.01 -72.59	27.62 0.51 -19.55	21.37 1.08 -3.46	18.53 1.15 0.00
ROTTSDAM_115KV_TB3 80664	22.56 0.67 -3.63	19.45 0.64 -1.41	19.06 0.61 -2.27	18.11 0.57 -2.24	18.32 0.64 0.00	19.87 0.68 -1.63	64.47 0.59 -48.66	24.70 0.87 -0.11	22.79 0.71 0.00	19.28 0.51 0.00	15.01 0.41 0.00	11.87 0.33 0.00	12.67 0.38 0.00	10.79 0.31 0.00	13.68 0.41 0.00	13.69 0.43 0.00	14.40 0.47 0.00	19.64 0.53 -4.53	23.51 0.36 -14.22	51.33 0.34 -42.41	99.61 0.01 -99.52	35.44 0.30 -27.59	22.33 0.62 -4.88	18.03 0.65 0.00
RUSSELL____1 23602	18.63 0.04 -0.33	17.52 -0.01 -0.13	16.51 0.12 -0.21	15.59 0.08 -0.20	17.83 0.15 0.00	17.92 0.21 -0.14	19.73 0.08 -4.43	23.54 -0.19 -0.01	22.00 -0.08 0.00	18.77 0.00 0.00	14.62 0.03 0.00	11.54 0.01 0.00	12.24 -0.06 0.00	10.40 -0.07 0.00	13.22 -0.06 0.00	13.18 -0.08 0.00	13.80 -0.12 0.00	14.84 -0.15 -0.41	10.19 -0.04 -1.30	12.38 -0.07 -3.88	9.14 -0.04 -9.09	10.04 0.01 -2.48	17.14 -0.12 -0.44	17.56 0.19 0.00
RUSSELL____2 23532	18.63 0.04 -0.33	17.52 -0.01 -0.13	16.51 0.12 -0.21	15.59 0.08 -0.20	17.83 0.15 0.00	17.92 0.21 -0.14	19.73 0.08 -4.43	23.54 -0.19 -0.01	22.00 -0.08 0.00	18.77 0.00 0.00	14.62 0.03 0.00	11.54 0.01 0.00	12.24 -0.06 0.00	10.40 -0.07 0.00	13.22 -0.06 0.00	13.18 -0.08 0.00	13.80 -0.12 0.00	14.84 -0.15 -0.41	10.19 -0.04 -1.30	12.38 -0.07 -3.88	9.14 -0.04 -9.09	10.04 0.01 -2.48	17.14 -0.12 -0.44	17.56 0.19 0.00
RUSSELL____3 23549	18.63 0.04 -0.33	17.52 -0.01 -0.13	16.51 0.12 -0.21	15.59 0.08 -0.20	17.83 0.15 0.00	17.92 0.21 -0.14	19.73 0.08 -4.43	23.54 -0.19 -0.01	22.00 -0.08 0.00	18.77 0.00 0.00	14.62 0.03 0.00	11.54 0.01 0.00	12.24 -0.06 0.00	10.40 -0.07 0.00	13.22 -0.06 0.00	13.18 -0.08 0.00	13.80 -0.12 0.00	14.84 -0.15 -0.41	10.19 -0.04 -1.30	12.38 -0.07 -3.88	9.14 -0.04 -9.09	10.04 0.01 -2.48	17.14 -0.12 -0.44	17.56 0.19 0.00
RUSSELL____4 23556	18.63 0.04 -0.33	17.52 -0.01 -0.13	16.51 0.12 -0.21	15.59 0.08 -0.20	17.83 0.15 0.00	17.92 0.21 -0.14	19.73 0.08 -4.43	23.54 -0.19 -0.01	22.00 -0.08 0.00	18.77 0.00 0.00	14.62 0.03 0.00	11.54 0.01 0.00	12.24 -0.06 0.00	10.40 -0.07 0.00	13.22 -0.06 0.00	13.18 -0.08 0.00	13.80 -0.12 0.00	14.84 -0.15 -0.41	10.19 -0.04 -1.30	12.38 -0.07 -3.88	9.14 -0.04 -9.09	10.04 0.01 -2.48	17.14 -0.12 -0.44	17.56 0.19 0.00

RUSSELL___STATION 23914	18.63 0.04 -0.33	17.52 -0.01 -0.13	16.51 0.12 -0.21	15.59 0.08 -0.20	17.83 0.15 0.00	17.92 0.21 -0.14	19.73 0.08 -4.43	23.54 -0.19 -0.01	22.00 -0.08 0.00	18.77 0.00 0.00	14.62 0.03 0.00	11.54 0.01 0.00	12.24 -0.06 0.00	10.40 -0.07 0.00	13.22 -0.06 0.00	13.18 -0.08 0.00	13.80 -0.12 0.00	14.84 -0.15 -0.41	10.19 -0.04 -1.30	12.38 -0.07 -3.88	9.14 -0.04 -9.09	10.04 0.01 -2.48	17.14 -0.12 -0.44	17.56 0.19 0.00
S SALMON___HYD 24043	18.00 -0.48 -0.21	17.03 -0.45 -0.08	15.98 -0.33 -0.13	15.05 -0.39 -0.13	17.30 -0.38 0.00	17.31 -0.36 -0.10	17.76 -0.30 -2.84	23.07 -0.66 -0.01	21.48 -0.60 0.00	18.19 -0.57 0.00	14.14 -0.45 0.00	11.15 -0.38 0.00	11.88 -0.42 0.00	10.11 -0.37 0.00	12.79 -0.48 0.00	12.71 -0.55 0.00	13.29 -0.63 0.00	14.23 -0.61 -0.27	9.50 -0.27 -0.84	10.82 -0.26 -2.50	5.95 -0.01 -5.87	8.18 -0.20 -0.83	15.15 -0.54 1.14	14.17 -0.52 2.68
S.PERRY___115KV_TB1 80734	19.38 0.68 -0.44	18.13 0.57 -0.17	17.15 0.69 -0.28	16.20 0.62 -0.27	18.49 0.81 0.00	18.64 0.89 -0.18	21.87 0.70 -5.95	24.37 0.64 -0.01	22.48 0.40 0.00	19.12 0.35 0.00	14.86 0.27 0.00	11.75 0.21 0.00	12.47 0.17 0.00	10.68 0.20 0.00	13.47 0.20 0.00	13.44 0.18 0.00	14.06 0.13 0.00	15.26 0.13 -0.56	10.88 0.20 -1.74	13.95 0.16 -5.20	12.26 -0.03 -12.20	11.16 0.29 -3.32	17.88 0.47 -0.59	18.16 0.79 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.68 0.00 -0.41	17.52 -0.04 -0.16	16.59 0.16 -0.26	15.66 0.10 -0.26	17.87 0.20 0.00	17.92 0.17 -0.17	20.68 -0.07 -5.53	23.16 -0.57 -0.01	21.77 -0.32 0.00	18.66 -0.10 0.00	14.55 -0.04 0.00	11.49 -0.05 0.00	12.15 -0.15 0.00	10.47 0.00 0.00	13.14 -0.13 0.00	13.08 -0.18 0.00	13.64 -0.28 0.00	14.69 -0.40 -0.52	10.34 -0.22 -1.62	13.14 -0.27 -4.83	11.37 -0.06 -11.34	10.53 -0.11 -3.09	16.99 -0.39 -0.55	17.57 0.20 0.00
SAWYER___23_KV_LOAD 55526	18.68 0.00 -0.41	17.52 -0.04 -0.16	16.59 0.16 -0.26	15.66 0.10 -0.26	17.87 0.20 0.00	17.92 0.17 -0.17	20.68 -0.07 -5.53	23.16 -0.57 -0.01	21.77 -0.32 0.00	18.66 -0.10 0.00	14.55 -0.04 0.00	11.49 -0.05 0.00	12.15 -0.15 0.00	10.47 0.00 0.00	13.14 -0.13 0.00	13.08 -0.18 0.00	13.64 -0.28 0.00	14.69 -0.40 -0.52	10.34 -0.22 -1.62	13.14 -0.27 -4.83	11.37 -0.06 -11.34	10.53 -0.11 -3.09	16.99 -0.39 -0.55	17.57 0.20 0.00
SELKIRK___I 23801	22.10 0.50 -3.34	19.17 0.48 -1.29	18.75 0.48 -2.09	17.81 0.44 -2.06	18.16 0.48 0.00	19.55 0.49 -1.49	60.47 0.42 -44.83	24.42 0.60 -0.10	22.53 0.44 0.00	19.03 0.26 0.00	14.84 0.25 0.00	11.74 0.20 0.00	12.54 0.25 0.00	10.67 0.20 0.00	13.54 0.27 0.00	13.54 0.28 0.00	14.25 0.33 0.00	19.13 0.37 -4.19	22.34 0.26 -13.15	48.04 0.25 -39.21	92.14 0.01 -92.05	33.31 0.19 -25.56	21.76 0.40 -4.52	17.81 0.44 0.00
SELKIRK___II 23799	22.03 0.39 -3.38	19.09 0.38 -1.31	18.67 0.38 -2.12	17.76 0.36 -2.09	18.05 0.37 0.00	19.46 0.38 -1.51	61.03 0.34 -45.48	24.33 0.50 -0.11	22.44 0.36 0.00	18.99 0.22 0.00	14.82 0.23 0.00	11.73 0.19 0.00	12.53 0.24 0.00	10.66 0.19 0.00	13.54 0.26 0.00	13.55 0.29 0.00	14.24 0.32 0.00	19.16 0.35 -4.24	22.51 0.24 -13.33	48.56 0.23 -39.75	93.43 0.00 -93.33	33.71 0.17 -25.99	21.78 0.36 -4.60	17.76 0.39 0.00
SENECA OSWGO___HYD 24041	18.12 -0.39 -0.24	17.09 -0.40 -0.09	16.02 -0.31 -0.15	15.13 -0.33 -0.15	17.34 -0.34 0.00	17.39 -0.29 -0.11	18.16 -0.28 -3.21	23.17 -0.56 -0.01	21.54 -0.55 0.00	18.27 -0.49 0.00	14.23 -0.37 0.00	11.24 -0.29 0.00	11.96 -0.33 0.00	10.20 -0.27 0.00	12.91 -0.36 0.00	12.90 -0.36 0.00	13.54 -0.39 0.00	14.50 -0.37 -0.30	9.70 -0.19 -0.95	11.22 -0.19 -2.83	6.72 -0.01 -6.65	9.21 -0.15 -1.81	16.75 -0.40 -0.32	16.92 -0.31 0.14
SENECA___115KV_TB3 355854	18.97 0.28 -0.43	17.78 0.22 -0.17	16.83 0.39 -0.27	15.89 0.32 -0.26	18.14 0.46 0.00	18.19 0.44 -0.18	21.14 0.18 -5.74	23.59 -0.15 -0.01	22.15 0.07 0.00	18.97 0.21 0.00	14.79 0.20 0.00	11.68 0.14 0.00	12.36 0.06 0.00	10.66 0.18 0.00	13.37 0.09 0.00	13.30 0.04 0.00	13.88 -0.04 0.00	14.97 -0.14 -0.54	10.55 -0.07 -1.68	13.48 -0.12 -5.02	11.82 -0.05 -11.78	10.78 0.02 -3.21	17.29 -0.11 -0.57	17.84 0.47 0.00
SENECA___ENERGY 23797	18.63 0.01 -0.35	17.53 -0.01 -0.13	16.44 0.05 -0.22	15.57 0.05 -0.22	17.76 0.08 0.00	17.90 0.17 -0.16	20.04 0.12 -4.70	23.75 0.02 -0.01	22.07 -0.02 0.00	18.68 -0.08 0.00	14.54 -0.05 0.00	11.47 -0.07 0.00	12.19 -0.10 0.00	10.40 -0.07 0.00	13.19 -0.08 0.00	13.15 -0.11 0.00	13.82 -0.10 0.00	14.92 -0.08 -0.44	10.30 -0.01 -1.37	12.67 0.00 -4.10	9.68 -0.02 -9.61	10.20 0.03 -2.62	17.23 -0.06 -0.46	17.49 0.11 0.00
SHOEMAKER___GT 23640	21.49 0.81 -2.42	19.11 0.78 -0.93	18.45 0.75 -1.51	17.52 0.72 -1.49	18.48 0.81 0.00	19.52 0.88 -1.08	47.67 0.78 -31.67	24.99 1.19 -0.07	23.17 1.09 0.00	19.60 0.83 0.00	15.33 0.73 0.00	12.14 0.61 0.00	12.98 0.69 0.00	11.05 0.58 0.00	14.06 0.79 0.00	14.07 0.82 0.00	14.76 0.83 0.00	18.37 0.91 -2.89	18.57 0.57 -9.07	36.16 0.55 -27.04	63.83 0.01 -63.73	25.21 0.47 -17.18	20.85 0.98 -3.04	18.41 1.04 0.00
SHOEMAKR_138KV_BK 111 55601	21.43 0.80 -2.36	19.05 0.77 -0.88	18.43 0.75 -1.50	17.50 0.71 -1.48	18.48 0.81 0.00	19.46 0.86 -1.03	47.33 0.76 -31.35	24.98 1.19 -0.07	23.16 1.07 0.00	19.61 0.84 0.00	15.33 0.73 0.00	12.15 0.61 0.00	12.99 0.69 0.00	11.06 0.58 0.00	14.07 0.80 0.00	14.08 0.82 0.00	14.76 0.83 0.00	18.34 0.91 -2.86	18.48 0.57 -8.97	35.90 0.55 -26.77	63.20 0.01 -63.10	25.03 0.46 -17.01	20.82 0.98 -3.01	18.42 1.05 0.00
SHOREHAM_IC_1 23715	41.50 1.50 -21.74	19.89 1.44 -1.06	20.45 1.42 -2.86	18.28 1.28 -1.69	19.15 1.47 0.00	20.14 1.35 -1.22	53.64 1.38 -37.04	25.64 1.83 -0.09	23.76 1.67 0.00	21.26 1.38 -1.12	28.35 1.20 -12.55	14.57 0.99 -2.06	23.50 1.10 -10.10	37.70 0.89 -26.34	25.93 1.14 -11.52	26.98 1.19 -12.53	38.30 1.24 -23.14	19.57 1.33 -3.67	23.53 0.87 -13.72	56.67 0.84 -47.25	77.22 0.03 -77.11	33.14 0.79 -24.80	22.67 1.67 -4.16	19.01 1.64 0.00
SHOREHAM_IC_2 23716	41.50 1.50 -21.74	19.89 1.44 -1.06	20.45 1.42 -2.86	18.28 1.28 -1.69	19.15 1.47 0.00	20.14 1.35 -1.22	53.64 1.38 -37.04	25.64 1.83 -0.09	23.76 1.67 0.00	21.26 1.38 -1.12	28.35 1.20 -12.55	14.57 0.99 -2.06	23.50 1.10 -10.10	37.70 0.89 -26.34	25.93 1.14 -11.52	26.98 1.19 -12.53	38.30 1.24 -23.14	19.57 1.33 -3.67	23.53 0.87 -13.72	56.67 0.84 -47.25	77.22 0.03 -77.11	33.14 0.79 -24.80	22.67 1.67 -4.16	19.01 1.64 0.00
SISSONVILLE___ 23735	17.27 -1.03 -0.04	16.42 -1.00 -0.01	15.23 -0.98 -0.03	14.45 -0.88 -0.03	16.76 -0.92 0.00	16.41 -1.18 -0.02	15.00 -0.79 -0.57	22.67 -1.05 0.00	21.16 -0.93 0.00	18.15 -0.62 0.00	13.98 -0.62 0.00	10.98 -0.55 0.00	11.68 -0.62 0.00	9.95 -0.53 0.00	12.57 -0.70 0.00	12.53 -0.73 0.00	13.17 -0.76 0.00	13.79 -0.79 0.00	8.45 -0.49 0.00	8.12 -0.46 0.00	0.08 -0.01 0.00	-0.99 -0.44 8.11	0.88 -0.89 15.06	-6.59 -1.07 22.89

SITHE_IND_GS1 24169	17.94 -0.54 -0.21	16.96 -0.52 -0.08	15.86 -0.44 -0.13	15.00 -0.43 -0.13	17.19 -0.48 0.00	17.21 -0.46 -0.09	17.57 -0.42 -2.77	22.98 -0.75 -0.01	21.40 -0.69 0.00	18.17 -0.59 0.00	14.14 -0.46 0.00	11.17 -0.37 0.00	11.89 -0.41 0.00	10.14 -0.34 0.00	12.84 -0.43 0.00	12.82 -0.44 0.00	13.45 -0.47 0.00	14.36 -0.48 -0.26	9.48 -0.27 -0.81	10.74 -0.26 -2.42	5.76 -0.01 -5.69	8.89 -0.21 -1.55	16.56 -0.54 -0.28	16.92 -0.45 0.00
SITHE_IND_GS2 24170	17.94 -0.54 -0.21	16.96 -0.52 -0.08	15.86 -0.44 -0.13	15.00 -0.43 -0.13	17.19 -0.48 0.00	17.21 -0.46 -0.09	17.57 -0.42 -2.77	22.98 -0.75 -0.01	21.40 -0.69 0.00	18.17 -0.59 0.00	14.14 -0.46 0.00	11.17 -0.37 0.00	11.89 -0.41 0.00	10.14 -0.34 0.00	12.84 -0.43 0.00	12.82 -0.44 0.00	13.45 -0.47 0.00	14.36 -0.48 -0.26	9.48 -0.27 -0.81	10.74 -0.26 -2.42	5.76 -0.01 -5.69	8.89 -0.21 -1.55	16.56 -0.54 -0.28	16.92 -0.45 0.00
SITHE_IND_GS3 24171	17.94 -0.54 -0.21	16.96 -0.52 -0.08	15.86 -0.44 -0.13	15.00 -0.43 -0.13	17.19 -0.48 0.00	17.21 -0.46 -0.09	17.57 -0.42 -2.77	22.98 -0.75 -0.01	21.40 -0.69 0.00	18.17 -0.59 0.00	14.14 -0.46 0.00	11.17 -0.37 0.00	11.89 -0.41 0.00	10.14 -0.34 0.00	12.84 -0.43 0.00	12.82 -0.44 0.00	13.45 -0.47 0.00	14.36 -0.48 -0.26	9.48 -0.27 -0.81	10.74 -0.26 -2.42	5.76 -0.01 -5.69	8.89 -0.21 -1.55	16.56 -0.54 -0.28	16.92 -0.45 0.00
SITHE_IND_GS4 24172	17.94 -0.54 -0.21	16.96 -0.52 -0.08	15.86 -0.44 -0.13	15.00 -0.43 -0.13	17.19 -0.48 0.00	17.21 -0.46 -0.09	17.57 -0.42 -2.77	22.98 -0.75 -0.01	21.40 -0.69 0.00	18.17 -0.59 0.00	14.14 -0.46 0.00	11.17 -0.37 0.00	11.89 -0.41 0.00	10.14 -0.34 0.00	12.84 -0.43 0.00	12.82 -0.44 0.00	13.45 -0.47 0.00	14.36 -0.48 -0.26	9.48 -0.27 -0.81	10.74 -0.26 -2.42	5.76 -0.01 -5.69	8.89 -0.21 -1.55	16.56 -0.54 -0.28	16.92 -0.45 0.00
SITHE___BATAVIA 24024	18.59 -0.03 -0.36	17.47 -0.07 -0.14	16.51 0.10 -0.22	15.59 0.06 -0.22	17.84 0.16 0.00	17.95 0.22 -0.16	20.06 0.05 -4.80	23.36 -0.37 -0.01	21.24 -0.85 0.00	18.12 -0.64 0.00	14.08 -0.51 0.00	11.08 -0.45 0.00	11.75 -0.54 0.00	10.74 0.27 0.00	13.02 -0.25 0.00	12.91 -0.35 0.00	13.49 -0.43 0.00	14.60 -0.43 -1.43	10.20 -0.16 -4.27	12.65 -0.20 -4.27	10.06 -0.04 -10.01	10.23 -0.05 -2.73	17.02 -0.29 -0.48	17.62 0.25 0.00
SITHE___INDEPEND 23800	17.94 -0.54 -0.21	16.96 -0.52 -0.08	15.86 -0.44 -0.13	15.00 -0.43 -0.13	17.19 -0.48 0.00	17.21 -0.45 -0.09	17.57 -0.42 -2.77	22.98 -0.75 -0.01	21.40 -0.68 0.00	18.17 -0.60 0.00	14.14 -0.46 0.00	11.17 -0.37 0.00	11.89 -0.41 0.00	10.14 -0.34 0.00	12.84 -0.43 0.00	12.82 -0.44 0.00	13.45 -0.47 0.00	14.36 -0.47 -0.26	9.48 -0.27 -0.81	10.74 -0.26 -2.42	5.76 -0.01 -5.69	8.89 -0.21 -1.55	16.56 -0.54 -0.28	16.91 -0.46 0.00
SITHE___MASSENA 23902	17.82 -0.44 0.00	16.97 -0.43 0.00	15.73 -0.45 0.00	14.95 -0.36 0.00	17.34 -0.34 0.00	16.98 -0.58 0.00	14.89 -0.33 0.00	23.38 -0.34 0.00	21.79 -0.30 0.00	18.66 -0.11 0.00	14.42 -0.18 0.00	11.36 -0.17 0.00	12.09 -0.21 0.00	10.30 -0.17 0.00	13.02 -0.25 0.00	13.00 -0.26 0.00	13.67 -0.25 0.00	14.29 -0.28 0.00	8.73 -0.20 0.00	8.38 -0.20 0.00	0.09 0.00 0.00	-2.44 -0.19 9.81	-1.70 -0.33 18.21	-10.10 -0.44 27.04
SITHE___OGDNSBRG 24021	17.82 -0.48 -0.03	16.93 -0.48 -0.01	15.69 -0.51 -0.02	14.91 -0.41 -0.02	17.30 -0.38 0.00	16.94 -0.64 -0.01	15.35 -0.33 -0.46	23.37 -0.35 0.00	21.76 -0.32 0.00	18.64 -0.13 0.00	14.38 -0.21 0.00	11.31 -0.22 0.00	12.03 -0.26 0.00	10.26 -0.21 0.00	12.96 -0.31 0.00	12.93 -0.33 0.00	13.60 -0.33 0.00	14.23 -0.34 0.00	8.70 -0.23 0.00	8.37 -0.21 0.00	0.08 -0.01 0.00	-1.40 -0.19 8.77	0.20 -0.35 16.28	-7.63 -0.50 24.50
SITHE___STERLING 23777	18.83 0.42 -0.14	17.85 0.40 -0.06	16.69 0.42 -0.09	15.76 0.36 -0.09	18.13 0.46 0.00	18.09 0.46 -0.07	17.55 0.41 -1.91	24.29 0.57 0.00	22.52 0.43 0.00	19.08 0.31 0.00	14.78 0.19 0.00	11.66 0.13 0.00	12.42 0.13 0.00	10.58 0.10 0.00	13.40 0.13 0.00	13.38 0.13 0.00	14.06 0.14 0.00	14.96 0.21 -0.18	9.71 0.21 -0.56	10.47 0.21 -1.68	4.04 -0.01 -3.95	8.82 0.19 -1.08	17.38 0.36 -0.19	18.22 0.41 -0.44
SLEIGHT___34_KV_TB1 80719	18.86 0.27 -0.33	17.75 0.23 -0.13	16.63 0.24 -0.21	15.76 0.25 -0.20	17.98 0.30 0.00	18.12 0.40 -0.14	19.99 0.33 -4.44	24.10 0.37 -0.01	22.43 0.34 0.00	19.00 0.23 0.00	14.78 0.19 0.00	11.63 0.09 0.00	12.36 0.07 0.00	10.54 0.06 0.00	13.39 0.11 0.00	13.34 0.08 0.00	14.03 0.11 0.00	15.14 0.16 -0.41	10.35 0.12 -1.30	12.58 0.13 -3.87	9.15 -0.02 -9.08	10.18 0.15 -2.47	17.43 0.17 -0.44	17.72 0.34 0.00
SOUTH CAIRO___GT 23612	22.27 0.82 -3.18	19.38 0.75 -1.23	18.89 0.72 -1.99	17.96 0.68 -1.97	18.47 0.79 0.00	19.84 0.85 -1.42	58.70 0.77 -42.71	24.97 1.15 -0.10	22.81 0.73 0.00	19.13 0.36 0.00	14.90 0.31 0.00	11.76 0.23 0.00	12.56 0.27 0.00	10.69 0.21 0.00	13.59 0.32 0.00	13.63 0.37 0.00	14.41 0.48 0.00	19.09 0.56 -3.95	21.79 0.43 -12.42	46.07 0.44 -37.05	87.19 0.00 -87.11	32.09 0.37 -24.17	21.88 0.77 -4.28	18.13 0.75 0.00
SOUTH HAMPTN___IC 23720	41.83 1.83 -21.74	20.20 1.75 -1.06	20.74 1.71 -2.86	18.57 1.57 -1.69	19.49 1.81 0.00	20.52 1.73 -1.22	53.99 1.73 -37.04	26.17 2.36 -0.09	24.24 2.16 0.00	21.65 1.76 -1.12	28.67 1.53 -12.55	14.83 1.24 -2.06	23.76 1.37 -10.10	37.92 1.11 -26.34	26.21 1.42 -11.52	27.28 1.49 -12.53	38.62 1.56 -23.14	19.92 1.67 -3.67	23.75 1.09 -13.72	56.87 1.04 -47.25	77.22 0.03 -77.11	33.33 0.98 -24.80	23.04 2.05 -4.16	19.34 1.97 0.00
SOUTHDOW_115KV_TB1 355954	20.67 1.96 -0.45	19.37 1.79 -0.17	18.32 1.86 -0.28	17.29 1.71 -0.28	19.80 2.12 0.00	19.97 2.21 -0.19	23.06 1.83 -6.01	26.29 2.56 -0.01	24.74 2.65 0.00	21.08 2.32 0.00	16.36 1.77 0.00	12.90 1.38 0.00	13.64 1.34 0.00	11.73 1.26 0.00	14.60 1.33 0.00	14.52 1.26 0.00	15.21 1.29 0.00	16.39 1.25 -0.56	11.49 0.79 -1.76	14.58 0.75 -5.26	12.38 -0.04 -12.33	11.73 0.82 -3.36	18.96 1.53 -0.59	19.47 2.09 0.00
SOUTHOLD_69_KV_BK 2 55809	42.03 2.03 -21.73	20.39 1.95 -1.04	20.93 1.90 -2.86	18.75 1.76 -1.69	19.71 2.03 0.00	20.74 1.96 -1.21	54.21 1.96 -37.03	26.56 2.75 -0.09	24.52 2.44 0.00	21.91 2.02 -1.12	28.87 1.72 -12.55	14.98 1.39 -2.06	23.92 1.53 -10.10	38.04 1.23 -26.34	26.37 1.58 -11.52	27.44 1.65 -12.53	38.81 1.74 -23.14	20.13 1.88 -3.67	23.88 1.22 -13.72	57.00 1.17 -47.25	77.23 0.03 -77.11	33.42 1.07 -24.80	23.32 2.33 -4.16	19.58 2.21 0.00
SOUTHOLD___IC 23719	42.04 2.04 -21.74	20.40 1.95 -1.06	20.93 1.90 -2.86	18.75 1.76 -1.69	19.71 2.03 0.00	20.76 1.97 -1.22	54.23 1.96 -37.04	26.51 2.70 -0.09	24.55 2.47 0.00	21.88 2.00 -1.12	28.87 1.72 -12.55	14.98 1.39 -2.06	23.92 1.53 -10.10	38.04 1.23 -26.34	26.37 1.58 -11.52	27.44 1.65 -12.53	38.81 1.74 -23.14	20.13 1.88 -3.67	23.88 1.22 -13.72	57.00 1.17 -47.25	77.23 0.03 -77.11	33.46 1.11 -24.80	23.29 2.29 -4.16	19.55 2.18 0.00

SPIERFLS_115KV_TB 1 80737	22.57 0.73 -3.58	19.44 0.65 -1.39	19.03 0.62 -2.24	18.11 0.59 -2.21	18.40 0.72 0.00	19.96 0.79 -1.60	63.96 0.75 -47.99	24.81 0.98 -0.11	22.75 0.66 0.00	19.22 0.45 0.00	14.96 0.37 0.00	11.82 0.28 0.00	12.63 0.34 0.00	10.77 0.30 0.00	13.68 0.41 0.00	13.72 0.46 0.00	14.53 0.60 0.00	19.75 0.73 -4.45	23.38 0.47 -13.98	50.71 0.46 -41.68	97.95 -0.02 -97.88	35.16 0.35 -27.25	22.39 0.74 -4.82	18.05 0.68 0.00
ST LAWRENCE____ 23600	17.81 -0.46 0.00	16.96 -0.44 0.00	15.70 -0.47 0.00	14.89 -0.42 0.00	17.21 -0.47 0.00	16.98 -0.59 0.00	14.77 -0.45 0.00	23.16 -0.56 0.00	21.59 -0.49 0.00	18.46 -0.31 0.00	14.28 -0.31 0.00	11.26 -0.27 0.00	11.98 -0.31 0.00	10.21 -0.26 0.00	12.93 -0.34 0.00	12.91 -0.35 0.00	13.58 -0.35 0.00	14.18 -0.39 0.00	8.65 -0.28 0.00	8.31 -0.27 0.00	0.08 -0.01 0.00	-3.02 -0.25 10.32	-2.80 -0.47 19.16	-11.50 -0.58 28.29
STATE_CA_115KV_115_LB 55624	22.03 0.33 -3.44	19.04 0.32 -1.33	18.65 0.32 -2.16	17.76 0.33 -2.13	17.99 0.31 0.00	19.42 0.32 -1.53	61.80 0.29 -46.29	24.26 0.43 -0.11	22.36 0.28 0.00	18.91 0.14 0.00	14.79 0.19 0.00	11.70 0.16 0.00	12.49 0.20 0.00	10.63 0.15 0.00	13.53 0.26 0.00	13.57 0.31 0.00	14.29 0.36 0.00	19.21 0.38 -4.26	22.59 0.27 -13.38	48.74 0.24 -39.92	94.00 -0.02 -93.93	34.11 0.15 -26.42	21.81 0.30 -4.68	17.71 0.34 0.00
STATE_ST_34_KV_LOAD 55959	18.81 0.20 -0.34	17.71 0.19 -0.13	16.56 0.16 -0.22	15.71 0.19 -0.21	17.89 0.21 0.00	18.11 0.40 -0.15	20.23 0.35 -4.67	24.12 0.39 -0.01	22.36 0.27 0.00	18.94 0.18 0.00	14.80 0.21 0.00	11.63 0.10 0.00	12.37 0.08 0.00	10.56 0.08 0.00	13.43 0.16 0.00	13.37 0.11 0.00	14.09 0.16 0.00	15.24 0.23 -0.43	10.44 0.14 -1.36	12.80 0.16 -4.06	9.60 -0.01 -9.52	10.31 0.16 -2.59	17.49 0.20 -0.46	17.66 0.28 0.00
STATION 5_MISC_HYD 23604	18.55 -0.04 -0.33	17.45 -0.08 -0.13	16.44 0.06 -0.21	15.53 0.02 -0.20	17.76 0.08 0.00	17.84 0.13 -0.15	19.65 0.00 -4.43	23.41 -0.31 -0.01	21.90 -0.19 0.00	18.68 -0.09 0.00	14.56 -0.04 0.00	11.49 -0.05 0.00	12.18 -0.12 0.00	10.36 -0.11 0.00	13.15 -0.12 0.00	13.12 -0.14 0.00	13.73 -0.19 0.00	14.76 -0.23 -0.41	10.14 -0.09 -1.30	12.33 -0.12 -3.88	9.14 -0.04 -9.09	9.99 -0.03 -2.48	17.05 -0.22 -0.44	17.50 0.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.68 0.09 -0.33	17.56 0.04 -0.13	16.52 0.13 -0.21	15.61 0.10 -0.21	17.85 0.17 0.00	17.94 0.23 -0.14	19.80 0.12 -4.45	23.72 -0.02 -0.01	22.11 0.03 0.00	18.79 0.02 0.00	14.61 0.02 0.00	11.53 -0.01 0.00	12.23 -0.06 0.00	10.40 -0.07 0.00	13.22 -0.05 0.00	13.19 -0.07 0.00	13.85 -0.08 0.00	14.91 -0.08 -0.42	10.24 0.00 -1.30	12.45 -0.02 -3.89	9.19 -0.03 -9.13	10.08 0.05 -2.49	17.22 -0.05 -0.44	17.58 0.20 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.44 -0.15 -0.33	17.34 -0.18 -0.13	16.34 -0.05 -0.20	15.43 -0.08 -0.20	17.65 -0.03 0.00	17.72 0.01 -0.14	19.53 -0.09 -4.40	23.31 -0.42 -0.01	21.79 -0.29 0.00	18.58 -0.18 0.00	14.48 -0.12 0.00	11.42 -0.11 0.00	12.11 -0.18 0.00	10.30 -0.17 0.00	13.08 -0.19 0.00	13.05 -0.21 0.00	13.67 -0.26 0.00	14.70 -0.29 -0.41	10.09 -0.13 -1.29	12.27 -0.16 -3.85	9.08 -0.04 -9.03	9.94 -0.07 -2.46	16.98 -0.29 -0.43	17.38 0.01 0.00
STA_56____34_KV_BUS2 355983	18.44 -0.15 -0.33	17.34 -0.18 -0.13	16.34 -0.05 -0.20	15.43 -0.08 -0.20	17.65 -0.03 0.00	17.72 0.01 -0.14	19.53 -0.09 -4.40	23.31 -0.42 -0.01	21.79 -0.29 0.00	18.58 -0.18 0.00	14.48 -0.12 0.00	11.42 -0.11 0.00	12.11 -0.18 0.00	10.30 -0.17 0.00	13.08 -0.19 0.00	13.05 -0.21 0.00	13.67 -0.26 0.00	14.70 -0.29 -0.41	10.09 -0.13 -1.29	12.27 -0.16 -3.85	9.08 -0.04 -9.03	9.94 -0.07 -2.46	16.98 -0.29 -0.43	17.38 0.01 0.00
STA_67____115KV_BK2 355882	18.52 -0.08 -0.33	17.42 -0.11 -0.13	16.41 0.03 -0.21	15.50 -0.01 -0.20	17.73 0.05 0.00	17.80 0.09 -0.14	19.61 -0.03 -4.43	23.38 -0.35 -0.01	21.85 -0.23 0.00	18.64 -0.13 0.00	14.52 -0.07 0.00	11.46 -0.07 0.00	12.15 -0.15 0.00	10.34 -0.13 0.00	13.12 -0.15 0.00	13.08 -0.17 0.00	13.70 -0.23 0.00	14.73 -0.26 -0.41	10.12 -0.11 -1.30	12.31 -0.14 -3.87	9.13 -0.04 -9.09	9.98 -0.05 -2.47	17.02 -0.24 -0.44	17.46 0.08 0.00
STA_7____115KV_9TRANS 80674	18.63 0.04 -0.33	17.52 -0.01 -0.13	16.51 0.12 -0.21	15.59 0.08 -0.20	17.83 0.15 0.00	17.92 0.21 -0.14	19.73 0.08 -4.43	23.54 -0.19 -0.01	22.00 -0.08 0.00	18.77 0.00 0.00	14.62 0.03 0.00	11.54 0.01 0.00	12.24 -0.06 0.00	10.40 -0.07 0.00	13.22 -0.06 0.00	13.18 -0.08 0.00	13.80 -0.12 0.00	14.84 -0.15 -0.41	10.19 -0.04 -1.30	12.38 -0.07 -3.88	9.14 -0.04 -9.09	10.04 0.01 -2.48	17.14 -0.12 -0.44	17.56 0.19 0.00
STA_82____115KV_TB1 80780	18.52 -0.07 -0.33	17.42 -0.11 -0.13	16.42 0.03 -0.21	15.50 -0.01 -0.21	17.73 0.06 0.00	17.81 0.10 -0.14	19.64 -0.03 -4.45	23.38 -0.35 -0.01	21.86 -0.23 0.00	18.64 -0.12 0.00	14.52 -0.07 0.00	11.46 -0.07 0.00	12.15 -0.14 0.00	10.35 -0.12 0.00	13.13 -0.15 0.00	13.09 -0.17 0.00	13.70 -0.23 0.00	14.73 -0.26 -0.42	10.13 -0.11 -1.30	12.33 -0.14 -3.89	9.18 -0.04 -9.13	9.99 -0.04 -2.49	17.03 -0.24 -0.44	17.46 0.09 0.00
STEEL____WIND 323596	18.95 0.26 -0.43	17.76 0.20 -0.17	16.82 0.38 -0.27	15.87 0.30 -0.26	18.12 0.44 0.00	18.18 0.42 -0.19	21.13 0.16 -5.75	23.57 -0.16 -0.01	22.10 0.01 0.00	18.96 0.20 0.00	14.78 0.19 0.00	11.66 0.13 0.00	12.34 0.05 0.00	10.65 0.17 0.00	13.35 0.08 0.00	13.28 0.03 0.00	13.86 -0.06 0.00	14.95 -0.16 -0.54	10.54 -0.08 -1.68	13.47 -0.13 -5.02	11.82 -0.05 -11.78	10.76 0.00 -3.21	17.26 -0.14 -0.57	17.85 0.48 0.00
STEPHTWN_115KV_BK_2 55603	22.12 0.46 -3.40	19.13 0.42 -1.31	18.72 0.41 -2.13	17.77 0.36 -2.10	18.08 0.41 0.00	19.50 0.42 -1.51	61.34 0.38 -45.73	24.39 0.56 -0.11	22.47 0.39 0.00	18.98 0.21 0.00	14.82 0.22 0.00	11.74 0.20 0.00	12.55 0.25 0.00	10.67 0.20 0.00	13.60 0.32 0.00	13.63 0.37 0.00	14.36 0.44 0.00	19.27 0.49 -4.21	22.48 0.31 -13.23	48.34 0.31 -39.45	92.92 -0.02 -92.85	33.88 0.21 -26.13	21.86 0.40 -4.62	17.81 0.44 0.00
STEBEN_REC_LFGE 323667	19.62 0.81 -0.54	18.34 0.73 -0.21	17.39 0.87 -0.34	16.44 0.79 -0.34	18.69 1.01 0.00	18.86 1.07 -0.23	23.34 0.84 -7.29	24.75 1.01 -0.02	23.02 0.94 0.00	19.46 0.70 0.00	15.11 0.52 0.00	11.97 0.43 0.00	12.73 0.43 0.00	10.94 0.47 0.00	13.76 0.49 0.00	13.73 0.47 0.00	14.34 0.41 0.00	15.65 0.40 -0.68	11.39 0.32 -2.14	15.22 0.27 -6.37	15.01 -0.03 -14.94	11.93 0.31 -4.07	18.06 0.51 -0.72	18.24 0.86 0.00
STONY____BROOK 24151	41.61 1.61 -21.74	19.99 1.53 -1.06	20.53 1.50 -2.86	18.36 1.36 -1.69	19.26 1.58 0.00	20.29 1.51 -1.22	53.76 1.50 -37.04	25.86 2.05 -0.09	24.02 1.94 0.00	21.49 1.60 -1.12	28.58 1.43 -12.55	14.77 1.18 -2.06	23.70 1.31 -10.10	37.88 1.07 -26.34	26.14 1.35 -11.52	27.20 1.41 -12.53	38.51 1.45 -23.14	19.78 1.53 -3.67	23.65 0.99 -13.72	56.77 0.95 -47.25	77.22 0.03 -77.11	33.24 0.88 -24.80	22.86 1.86 -4.16	19.15 1.78 0.00

STURGEON_POOL_HYD 23609	22.01 1.05 -2.70	19.46 1.04 -1.03	18.85 0.98 -1.69	17.91 0.93 -1.67	18.78 1.10 0.00	19.89 1.12 -1.19	52.36 0.95 -36.19	25.40 1.60 -0.08	23.65 1.57 0.00	20.05 1.28 0.00	15.68 1.09 0.00	12.45 0.92 0.00	13.32 1.03 0.00	11.35 0.87 0.00	14.47 1.19 0.00	14.47 1.21 0.00	15.14 1.21 0.00	19.16 1.28 -3.31	20.12 0.78 -10.41	40.39 0.75 -31.06	73.25 0.02 -73.14	28.14 0.66 -19.92	21.74 1.38 -3.53	18.93 1.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.66 0.89 -2.50	19.22 0.86 -0.97	18.59 0.84 -1.57	17.65 0.80 -1.55	18.57 0.89 0.00	19.62 0.94 -1.11	48.77 0.81 -32.74	25.08 1.28 -0.08	23.27 1.19 0.00	19.71 0.94 0.00	15.41 0.82 0.00	12.22 0.69 0.00	13.09 0.79 0.00	11.14 0.67 0.00	14.19 0.92 0.00	14.20 0.94 0.00	14.88 0.95 0.00	18.59 1.04 -2.98	18.95 0.64 -9.37	37.13 0.61 -27.94	65.95 0.01 -65.85	25.82 0.52 -17.75	21.06 1.08 -3.14	18.55 1.18 0.00
SWANROAD_115KV_TB1 355699	18.21 -0.45 -0.40	17.09 -0.46 -0.16	16.20 -0.23 -0.25	15.31 -0.25 -0.25	17.44 -0.23 0.00	17.49 -0.25 -0.17	20.08 -0.46 -5.33	22.53 -1.21 -0.01	21.16 -0.92 0.00	18.17 -0.59 0.00	14.18 -0.42 0.00	11.18 -0.35 0.00	11.81 -0.48 0.00	10.24 -0.23 0.00	12.79 -0.48 0.00	12.72 -0.54 0.00	13.26 -0.66 0.00	14.28 -0.79 -0.50	10.05 -0.45 -1.56	12.73 -0.50 -4.65	10.97 -0.04 -10.92	10.21 -0.31 -2.97	16.53 -0.83 -0.53	17.16 -0.21 0.00
SYNERGY___BIOGAS 323694	18.59 -0.03 -0.36	17.47 -0.07 -0.14	16.51 0.10 -0.22	15.59 0.06 -0.22	17.84 0.16 0.00	17.95 0.22 -0.16	20.06 0.05 -4.80	23.36 -0.37 -0.01	21.24 -0.85 0.00	18.12 -0.64 0.00	14.08 -0.51 0.00	11.08 -0.45 0.00	11.75 -0.54 0.00	10.74 0.27 0.00	13.02 -0.25 0.00	12.91 -0.35 0.00	13.49 -0.43 0.00	14.60 -0.43 -0.46	10.20 -0.16 -1.43	12.65 -0.20 -4.27	10.06 -0.04 -10.01	10.23 -0.05 -2.73	17.02 -0.29 -0.48	17.62 0.25 0.00
SYRACUSE___ENERGY_ST1 323597	18.47 -0.09 -0.29	17.42 -0.10 -0.11	16.31 -0.05 -0.18	15.43 -0.06 -0.18	17.63 -0.05 0.00	17.70 0.01 -0.13	19.14 -0.01 -3.93	23.62 -0.11 -0.01	21.97 -0.11 0.00	18.63 -0.13 0.00	14.50 -0.09 0.00	11.43 -0.10 0.00	12.18 -0.12 0.00	10.39 -0.09 0.00	13.17 -0.10 0.00	13.15 -0.11 0.00	13.81 -0.11 0.00	14.85 -0.08 -0.36	10.05 -0.03 -1.14	11.96 -0.02 -3.40	8.06 -0.01 -7.98	9.72 0.00 -2.17	17.12 -0.09 -0.38	17.31 0.01 0.07
SYRACUSE___ENERGY_ST2 323598	18.47 -0.09 -0.29	17.42 -0.10 -0.11	16.31 -0.05 -0.18	15.43 -0.06 -0.18	17.63 -0.05 0.00	17.70 0.01 -0.13	19.14 -0.01 -3.93	23.62 -0.11 -0.01	21.97 -0.11 0.00	18.63 -0.13 0.00	14.50 -0.09 0.00	11.43 -0.10 0.00	12.18 -0.12 0.00	10.39 -0.09 0.00	13.17 -0.10 0.00	13.15 -0.11 0.00	13.81 -0.11 0.00	14.85 -0.08 -0.36	10.05 -0.03 -1.14	11.96 -0.02 -3.40	8.06 -0.01 -7.98	9.72 0.00 -2.17	17.12 -0.09 -0.38	17.31 0.01 0.07
SYRACUSE___POWER 24017	18.50 -0.06 -0.30	17.43 -0.08 -0.11	16.33 -0.03 -0.19	15.45 -0.04 -0.19	17.65 -0.03 0.00	17.73 0.02 -0.14	19.24 0.01 -4.02	23.64 -0.09 -0.01	22.01 -0.08 0.00	18.66 -0.11 0.00	14.52 -0.08 0.00	11.46 -0.07 0.00	12.20 -0.09 0.00	10.41 -0.06 0.00	13.19 -0.08 0.00	13.18 -0.08 0.00	13.82 -0.10 0.00	14.86 -0.08 -0.37	10.10 -0.01 -1.18	12.07 -0.02 -3.51	8.32 -0.01 -8.24	9.80 0.01 -2.24	17.14 -0.08 -0.40	17.38 0.01 0.00
TALLMAN__138KV_BK151 55660	21.82 0.96 -2.60	19.32 0.93 -1.00	18.71 0.91 -1.63	17.78 0.86 -1.61	18.64 0.96 0.00	19.74 1.01 -1.16	49.90 0.88 -33.80	25.18 1.38 -0.08	23.37 1.29 0.00	19.80 1.03 0.00	15.51 0.92 0.00	12.31 0.78 0.00	13.19 0.90 0.00	11.24 0.76 0.00	14.31 1.04 0.00	14.32 1.06 0.00	14.99 1.06 0.00	18.80 1.15 -3.08	19.31 0.71 -9.67	38.08 0.67 -28.83	68.06 0.01 -67.96	26.42 0.56 -18.31	21.23 1.16 -3.24	18.64 1.27 0.00
TEALLAVE_115KV_TB7 355573	18.36 -0.16 -0.26	17.32 -0.17 -0.10	16.23 -0.11 -0.16	15.35 -0.12 -0.16	17.56 -0.12 0.00	17.62 -0.07 -0.12	18.61 -0.07 -3.46	23.53 -0.20 -0.01	21.93 -0.15 0.00	18.59 -0.17 0.00	14.47 -0.12 0.00	11.43 -0.10 0.00	12.17 -0.12 0.00	10.38 -0.09 0.00	13.15 -0.12 0.00	13.13 -0.13 0.00	13.76 -0.17 0.00	14.74 -0.16 -0.33	9.90 -0.06 -1.03	11.57 -0.07 -3.06	7.25 -0.01 -7.18	9.47 -0.04 -1.95	17.00 -0.18 -0.35	17.29 -0.08 0.00
TELGRAPH_34_KV_EAST 80808	18.57 -0.08 -0.38	17.43 -0.12 -0.15	16.50 0.08 -0.24	15.58 0.03 -0.23	17.79 0.11 0.00	17.86 0.13 -0.16	20.23 -0.10 -5.11	23.14 -0.60 -0.01	21.61 -0.48 0.00	18.49 -0.27 0.00	14.40 -0.19 0.00	11.35 -0.18 0.00	12.02 -0.27 0.00	10.64 0.16 0.00	13.05 -0.22 0.00	12.96 -0.30 0.00	13.53 -0.40 0.00	14.59 -0.47 -0.48	10.20 -0.24 -1.50	12.76 -0.29 -4.47	10.54 -0.04 -10.50	10.28 -0.12 -2.86	16.90 -0.44 -0.51	17.50 0.13 0.00
TEMPLE___115KV_TB 2 55572	18.38 -0.14 -0.26	17.34 -0.16 -0.10	16.24 -0.10 -0.16	15.36 -0.11 -0.16	17.58 -0.10 0.00	17.63 -0.06 -0.12	18.68 -0.06 -3.52	23.54 -0.19 -0.01	21.93 -0.15 0.00	18.60 -0.16 0.00	14.48 -0.12 0.00	11.44 -0.09 0.00	12.18 -0.11 0.00	10.39 -0.08 0.00	13.16 -0.11 0.00	13.14 -0.12 0.00	13.78 -0.15 0.00	14.77 -0.14 -0.33	9.92 -0.05 -1.04	11.62 -0.06 -3.11	7.36 -0.01 -7.28	9.50 -0.03 -1.98	17.02 -0.16 -0.35	17.31 -0.06 0.00
TIANA____69_KV_BK 1 55817	41.74 1.75 -21.73	20.12 1.68 -1.04	20.68 1.64 -2.86	18.50 1.51 -1.69	19.42 1.74 0.00	20.41 1.64 -1.21	53.90 1.65 -37.03	26.09 2.28 -0.09	24.12 2.04 0.00	21.58 1.70 -1.12	28.61 1.46 -12.55	14.78 1.19 -2.06	23.71 1.31 -10.10	37.88 1.07 -26.34	26.16 1.36 -11.52	27.22 1.42 -12.53	38.56 1.49 -23.14	19.85 1.61 -3.67	23.70 1.05 -13.72	56.83 1.01 -47.25	77.22 0.03 -77.11	33.27 0.91 -24.80	22.99 2.00 -4.16	19.30 1.93 0.00
TILDEN___115KV_TB1 80814	18.50 -0.06 -0.30	17.43 -0.08 -0.11	16.33 -0.03 -0.19	15.45 -0.04 -0.19	17.65 -0.03 0.00	17.73 0.02 -0.14	19.24 0.01 -4.02	23.64 -0.09 -0.01	22.01 -0.08 0.00	18.66 -0.11 0.00	14.52 -0.08 0.00	11.46 -0.07 0.00	12.20 -0.09 0.00	10.41 -0.06 0.00	13.19 -0.08 0.00	13.18 -0.08 0.00	13.82 -0.10 0.00	14.86 -0.08 -0.37	10.10 -0.01 -1.18	12.07 -0.02 -3.51	8.32 -0.01 -8.24	9.80 0.01 -2.24	17.14 -0.08 -0.40	17.38 0.01 0.00
TRIGEN___CC 323695	41.28 1.29 -21.73	19.67 1.23 -1.04	20.08 1.21 -2.70	18.10 1.11 -1.69	18.94 1.26 0.00	19.98 1.21 -1.21	53.41 1.16 -37.03	25.49 1.68 -0.09	23.67 1.59 0.00	21.24 1.36 -1.12	28.37 1.23 -12.55	14.61 1.02 -2.06	23.54 1.15 -10.10	37.76 0.95 -26.34	26.05 1.26 -11.52	27.07 1.28 -12.53	38.34 1.27 -23.14	19.57 1.33 -3.67	23.50 0.84 -13.72	56.63 0.80 -47.25	77.22 0.02 -77.11	33.05 0.70 -24.80	22.54 1.54 -4.16	18.93 1.56 0.00
TRINITY__115KV__ 4 BK 55933	21.93 0.27 -3.40	18.98 0.27 -1.31	18.58 0.27 -2.14	17.69 0.28 -2.11	17.93 0.25 0.00	19.35 0.26 -1.52	61.28 0.24 -45.82	24.17 0.34 -0.11	22.28 0.19 0.00	18.83 0.07 0.00	14.73 0.13 0.00	11.65 0.12 0.00	12.44 0.15 0.00	10.59 0.11 0.00	13.49 0.22 0.00	13.53 0.27 0.00	14.24 0.31 0.00	19.11 0.32 -4.22	22.41 0.23 -13.25	48.29 0.21 -39.51	93.06 -0.02 -92.99	33.85 0.11 -26.18	21.70 0.24 -4.63	17.64 0.27 0.00

UNION___PROCESSING_DRP 323587	18.53 -0.07 -0.33	17.43 -0.10 -0.13	16.42 0.04 -0.21	15.51 0.00 -0.21	17.74 0.06 0.00	17.81 0.10 -0.14	19.65 -0.02 -4.45	23.39 -0.33 -0.01	21.87 -0.22 0.00	18.65 -0.12 0.00	14.53 -0.06 0.00	11.47 -0.07 0.00	12.16 -0.14 0.00	10.35 -0.12 0.00	13.13 -0.14 0.00	13.10 -0.16 0.00	13.70 -0.22 0.00	14.74 -0.25 -0.42	10.13 -0.11 -1.31	12.34 -0.13 -3.89	9.18 -0.04 -9.13	10.00 -0.04 -2.49	17.04 -0.23 -0.44	17.47 0.09 0.00
UPPER HUDSON___HYD 24058	22.57 0.73 -3.57	19.43 0.65 -1.38	19.03 0.62 -2.24	18.11 0.59 -2.21	18.40 0.72 0.00	19.96 0.79 -1.59	63.96 0.75 -47.99	24.78 0.95 -0.11	22.77 0.68 0.00	19.21 0.44 0.00	14.96 0.37 0.00	11.82 0.28 0.00	12.63 0.34 0.00	10.77 0.30 0.00	13.68 0.41 0.00	13.72 0.46 0.00	14.53 0.60 0.00	19.75 0.73 -4.45	23.38 0.47 -13.98	50.71 0.45 -41.68	97.95 -0.02 -97.88	35.17 0.36 -27.25	22.38 0.73 -4.82	18.04 0.67 0.00
UPPER RAQUET___HYD 24056	17.23 -1.04 0.00	16.40 -1.00 0.00	15.20 -0.98 0.00	14.43 -0.88 0.00	16.76 -0.92 0.00	16.39 -1.18 0.00	14.43 -0.79 0.00	22.69 -1.03 0.00	21.15 -0.93 0.00	18.16 -0.61 0.00	13.98 -0.62 0.00	10.98 -0.55 0.00	11.68 -0.62 0.00	9.95 -0.53 0.00	12.57 -0.70 0.00	12.53 -0.73 0.00	13.16 -0.76 0.00	13.79 -0.79 0.00	8.45 -0.49 0.00	8.12 -0.46 0.00	0.08 -0.01 0.00	-0.99 -0.44 8.11	0.89 -0.89 15.06	-6.58 -1.07 22.89
VALLEY44_115KV_TB2 355964	20.40 1.68 -0.46	19.10 1.53 -0.18	18.07 1.61 -0.28	17.07 1.48 -0.28	19.53 1.85 0.00	19.73 1.97 -0.19	22.97 1.64 -6.11	25.95 2.22 -0.01	24.29 2.21 0.00	20.66 1.90 0.00	16.05 1.45 0.00	12.67 1.14 0.00	13.40 1.11 0.00	11.54 1.07 0.00	14.42 1.15 0.00	14.34 1.08 0.00	14.98 1.05 0.00	16.17 1.03 -0.57	11.38 0.65 -1.79	14.54 0.63 -5.34	12.57 -0.05 -12.53	11.65 0.69 -3.41	18.73 1.30 -0.60	19.17 1.80 0.00
VALLEY___115KV_TB 1-4 80826	18.30 0.00 -0.03	17.42 0.01 -0.01	16.23 0.03 -0.02	15.36 0.03 -0.02	17.66 -0.02 0.00	17.59 0.00 -0.01	15.67 -0.01 -0.46	23.61 -0.11 0.00	21.83 -0.25 0.00	18.39 -0.38 0.00	14.32 -0.27 0.00	11.33 -0.20 0.00	12.08 -0.22 0.00	10.24 -0.23 0.00	12.99 -0.28 0.00	12.98 -0.28 0.00	13.69 -0.24 0.00	14.33 -0.25 0.00	8.85 -0.08 0.00	8.51 -0.06 0.00	0.08 -0.01 0.00	7.96 -0.01 -0.42	17.53 -0.08 -0.79	18.60 -0.11 -1.34
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.23 0.99 -0.97	18.78 0.96 -0.42	17.68 0.92 -0.59	16.74 0.85 -0.58	18.71 1.04 0.00	19.17 1.17 -0.44	29.02 1.08 -12.72	25.30 1.54 -0.04	23.44 1.35 0.00	19.88 1.12 0.00	15.48 0.89 0.00	12.21 0.68 0.00	13.00 0.71 0.00	11.07 0.60 0.00	14.01 0.74 0.00	14.00 0.75 0.00	14.72 0.79 0.00	16.69 0.93 -1.18	13.23 0.61 -3.69	20.14 0.57 -10.99	25.90 0.01 -25.80	15.09 0.49 -7.05	19.09 1.02 -1.25	18.41 1.04 0.00
VISCHER___FERRY HYD 24020	22.37 0.63 -3.47	19.36 0.62 -1.34	18.95 0.60 -2.17	18.04 0.58 -2.14	18.31 0.62 0.00	19.78 0.66 -1.55	62.47 0.57 -46.67	24.64 0.81 -0.11	22.69 0.60 0.00	19.14 0.37 0.00	14.92 0.33 0.00	11.80 0.26 0.00	12.60 0.31 0.00	10.71 0.24 0.00	13.64 0.37 0.00	13.68 0.42 0.00	14.44 0.51 0.00	19.44 0.57 -4.29	22.80 0.38 -13.49	49.14 0.35 -40.21	94.71 -0.02 -94.63	34.41 0.27 -26.58	22.11 0.58 -4.70	17.95 0.58 0.00
V_A_10_SYNC_DSASP 323832	18.44 -0.20 -0.37	17.32 -0.22 -0.15	16.38 -0.03 -0.23	15.46 -0.08 -0.23	17.65 -0.03 0.00	17.69 -0.04 -0.16	19.89 -0.22 -4.90	22.99 -0.74 -0.01	21.57 -0.52 0.00	18.46 -0.31 0.00	14.39 -0.20 0.00	11.35 -0.18 0.00	12.02 -0.28 0.00	10.32 -0.15 0.00	13.00 -0.27 0.00	12.95 -0.31 0.00	13.51 -0.41 0.00	14.53 -0.50 -0.46	10.09 -0.28 -1.43	12.54 -0.31 -4.28	10.06 -0.06 -10.03	10.12 -0.17 -2.73	16.81 -0.50 -0.48	17.36 -0.01 0.00
V_CMM_10_SYNC_DSASP 323787	17.89 -0.38 0.00	17.03 -0.36 0.00	15.78 -0.40 0.00	14.95 -0.35 0.00	17.28 -0.40 0.00	17.06 -0.51 0.00	14.84 -0.38 0.00	23.27 -0.45 0.00	21.70 -0.39 0.00	18.54 -0.22 0.00	14.35 -0.24 0.00	11.31 -0.22 0.00	12.04 -0.26 0.00	10.26 -0.21 0.00	12.98 -0.29 0.00	12.96 -0.30 0.00	13.64 -0.29 0.00	14.25 -0.33 0.00	8.69 -0.24 0.00	8.35 -0.23 0.00	0.08 -0.01 0.00	-2.99 -0.21 10.32	-2.72 -0.39 19.16	-11.42 -0.50 28.29
V_CMP_10_SYNC_DSASP 323788	18.92 0.66 0.00	17.92 0.52 0.00	16.46 0.29 0.00	15.55 0.24 0.00	17.84 0.16 0.00	17.65 0.08 0.00	15.35 0.14 0.00	24.20 0.48 0.00	22.66 0.57 0.00	19.28 0.51 0.00	14.62 0.03 0.00	11.36 -0.17 0.00	11.98 -0.32 0.00	10.23 -0.25 0.00	13.03 -0.24 0.00	13.00 -0.25 0.00	13.65 -0.27 0.00	14.32 -0.25 0.00	8.75 -0.18 0.00	8.41 -0.17 0.00	0.03 -0.06 0.00	-2.85 -0.26 10.14	-2.37 -0.38 18.82	-11.09 -0.62 27.84
V_E_10_SYNC_DSASP 323830	20.40 1.40 -0.73	19.03 1.35 -0.28	17.95 1.32 -0.46	16.98 1.22 -0.45	19.17 1.49 0.00	19.43 1.54 -0.32	26.46 1.42 -9.82	26.66 2.91 -0.03	24.54 2.46 0.00	20.64 1.87 0.00	15.76 1.17 0.00	12.41 0.88 0.00	13.13 0.84 0.00	11.15 0.67 0.00	14.10 0.82 0.00	14.11 0.86 0.00	14.89 0.97 0.00	16.44 0.90 -0.96	12.52 0.73 -2.85	17.81 0.73 -8.50	20.03 0.00 -19.94	13.65 0.67 -5.44	19.08 1.29 -0.96	18.71 1.33 0.00
V_F_30_NSYNC___DSASP 323816	22.68 0.86 -3.56	19.58 0.81 -1.38	19.17 0.77 -2.23	18.23 0.73 -2.20	18.51 0.84 0.00	20.06 0.90 -1.59	63.83 0.81 -47.80	24.95 1.11 -0.11	22.97 0.88 0.00	19.38 0.61 0.00	15.10 0.51 0.00	11.94 0.40 0.00	12.75 0.45 0.00	10.86 0.38 0.00	13.80 0.52 0.00	13.83 0.57 0.00	14.59 0.67 0.00	19.77 0.77 -4.43	23.35 0.51 -13.91	50.53 0.48 -41.47	97.50 -0.01 -97.43	35.10 0.39 -27.16	22.45 0.82 -4.80	18.18 0.80 0.00
V_F_30_SYNC_DSASP 323786	22.02 0.32 -3.44	19.04 0.32 -1.33	18.65 0.32 -2.15	17.76 0.32 -2.13	17.99 0.31 0.00	19.42 0.32 -1.53	61.76 0.29 -46.25	24.26 0.43 -0.11	22.36 0.28 0.00	18.91 0.14 0.00	14.79 0.19 0.00	11.70 0.16 0.00	12.49 0.20 0.00	10.63 0.15 0.00	13.53 0.26 0.00	13.57 0.31 0.00	14.29 0.36 0.00	19.20 0.37 -4.26	22.57 0.27 -13.37	48.70 0.24 -39.88	93.92 -0.02 -93.85	34.09 0.15 -26.39	21.80 0.30 -4.67	17.71 0.34 0.00
V_XM_10_SYNC_DSASP 323789	18.92 0.66 0.00	17.92 0.52 0.00	16.46 0.29 0.00	15.55 0.24 0.00	17.84 0.16 0.00	17.65 0.08 0.00	15.35 0.14 0.00	24.20 0.48 0.00	22.66 0.57 0.00	19.28 0.51 0.00	14.62 0.03 0.00	11.36 -0.17 0.00	11.98 -0.32 0.00	10.23 -0.25 0.00	13.03 -0.24 0.00	13.00 -0.25 0.00	13.65 -0.27 0.00	14.32 -0.25 0.00	8.75 -0.18 0.00	8.41 -0.17 0.00	0.03 -0.06 0.00	-2.85 -0.26 10.14	-2.37 -0.38 18.82	-11.09 -0.62 27.84
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.88 1.00 -2.62	19.38 0.97 -1.01	18.77 0.95 -1.64	17.83 0.90 -1.62	18.69 1.01 0.00	19.79 1.06 -1.17	50.05 0.92 -33.91	25.26 1.46 -0.08	23.44 1.35 0.00	19.86 1.09 0.00	15.55 0.96 0.00	12.34 0.81 0.00	13.22 0.93 0.00	11.26 0.79 0.00	14.34 1.07 0.00	14.36 1.10 0.00	15.03 1.10 0.00	18.86 1.20 -3.09	19.37 0.73 -9.70	38.19 0.70 -28.92	68.28 0.01 -68.18	26.50 0.58 -18.37	21.29 1.22 -3.25	18.69 1.32 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.98 1.00 -2.72	19.43 0.98 -1.04	18.85 0.97 -1.71	17.92 0.93 -1.69	18.71 1.04 0.00	19.85 1.08 -1.21	53.20 0.96 -37.03	25.35 1.54 -0.09	23.59 1.50 0.00	20.04 1.27 0.00	15.72 1.12 0.00	12.48 0.95 0.00	13.37 1.08 0.00	11.38 0.91 0.00	14.50 1.23 0.00	14.51 1.25 0.00	15.13 1.21 0.00	19.21 1.27 -3.37	20.27 0.76 -10.57	40.84 0.73 -31.53	74.46 0.01 -74.36	28.18 0.60 -20.02	21.68 1.31 -3.54	18.77 1.40 0.00
W50THST__13_KV_LOAD 356117	22.06 1.07 -2.72	19.49 1.05 -1.04	18.92 1.03 -1.71	17.98 0.99 -1.69	18.79 1.11 0.00	19.93 1.15 -1.21	53.27 1.02 -37.03	25.48 1.67 -0.09	23.72 1.64 0.00	20.17 1.40 0.00	15.82 1.23 0.00	12.57 1.04 0.00	13.47 1.17 0.00	11.47 0.99 0.00	14.61 1.33 0.00	14.60 1.35 0.00	15.23 1.30 0.00	19.32 1.38 -3.37	20.33 0.82 -10.57	40.89 0.78 -31.53	74.46 0.02 -74.36	28.22 0.65 -20.02	21.77 1.40 -3.54	18.87 1.50 0.00
WADING RIVER_IC_1 23522	41.47 1.47 -21.74	19.87 1.41 -1.06	20.42 1.39 -2.86	18.25 1.26 -1.69	19.12 1.45 0.00	20.11 1.32 -1.22	53.62 1.36 -37.04	25.59 1.79 -0.09	23.72 1.63 0.00	21.23 1.35 -1.12	28.34 1.19 -12.55	14.56 0.97 -2.06	23.48 1.09 -10.10	37.69 0.88 -26.34	25.92 1.12 -11.52	26.97 1.18 -12.53	38.29 1.23 -23.14	19.56 1.32 -3.67	23.52 0.87 -13.72	56.66 0.83 -47.25	77.22 0.03 -77.11	33.13 0.78 -24.80	22.64 1.65 -4.16	18.98 1.61 0.00
WADING RIVER_IC_2 23547	41.47 1.47 -21.74	19.87 1.41 -1.06	20.42 1.39 -2.86	18.25 1.26 -1.69	19.12 1.45 0.00	20.11 1.32 -1.22	53.62 1.36 -37.04	25.59 1.79 -0.09	23.72 1.63 0.00	21.23 1.35 -1.12	28.34 1.19 -12.55	14.56 0.97 -2.06	23.48 1.09 -10.10	37.69 0.88 -26.34	25.92 1.12 -11.52	26.97 1.18 -12.53	38.29 1.23 -23.14	19.56 1.32 -3.67	23.52 0.87 -13.72	56.66 0.83 -47.25	77.22 0.03 -77.11	33.13 0.78 -24.80	22.64 1.65 -4.16	18.98 1.61 0.00
WADING RIVER_IC_3 23601	41.47 1.47 -21.74	19.87 1.41 -1.06	20.42 1.39 -2.86	18.25 1.26 -1.69	19.12 1.45 0.00	20.11 1.32 -1.22	53.62 1.36 -37.04	25.59 1.79 -0.09	23.72 1.63 0.00	21.23 1.35 -1.12	28.34 1.19 -12.55	14.56 0.97 -2.06	23.48 1.09 -10.10	37.69 0.88 -26.34	25.92 1.12 -11.52	26.97 1.18 -12.53	38.29 1.23 -23.14	19.56 1.32 -3.67	23.52 0.87 -13.72	56.66 0.83 -47.25	77.22 0.03 -77.11	33.13 0.78 -24.80	22.64 1.65 -4.16	18.98 1.61 0.00
WALDENNY_12_KV_BK2 80841	18.91 0.23 -0.43	17.73 0.16 -0.17	16.78 0.33 -0.27	15.84 0.27 -0.26	18.08 0.40 0.00	18.13 0.38 -0.18	21.04 0.12 -5.70	23.49 -0.24 -0.01	22.07 -0.01 0.00	18.92 0.15 0.00	14.75 0.16 0.00	11.64 0.11 0.00	12.32 0.02 0.00	10.63 0.15 0.00	13.33 0.05 0.00	13.26 0.00 0.00	13.84 -0.09 0.00	14.91 -0.19 -0.53	10.51 -0.10 -1.67	13.41 -0.14 -4.98	11.73 -0.05 -11.69	10.73 0.00 -3.18	17.23 -0.16 -0.56	17.79 0.42 0.00
WALDEN__HYDRO 24148	21.94 1.05 -2.63	19.39 0.97 -1.02	18.79 0.97 -1.65	17.85 0.92 -1.62	18.73 1.05 0.00	19.85 1.11 -1.17	51.17 0.98 -34.97	25.33 1.53 -0.08	23.48 1.39 0.00	19.86 1.09 0.00	15.51 0.92 0.00	12.30 0.77 0.00	13.16 0.87 0.00	11.21 0.73 0.00	14.27 1.00 0.00	14.29 1.03 0.00	14.97 1.05 0.00	18.90 1.14 -3.18	19.66 0.72 -10.00	39.11 0.71 -29.83	70.41 0.01 -70.31	27.14 0.62 -18.98	21.47 1.29 -3.36	18.75 1.37 0.00
WARRENSBURG____ 23737	22.57 0.73 -3.57	19.43 0.65 -1.38	19.03 0.62 -2.24	18.11 0.59 -2.21	18.40 0.72 0.00	19.96 0.79 -1.59	63.96 0.75 -47.99	24.78 0.95 -0.11	22.77 0.68 0.00	19.21 0.44 0.00	14.96 0.37 0.00	11.82 0.28 0.00	12.63 0.34 0.00	10.77 0.30 0.00	13.68 0.41 0.00	13.72 0.46 0.00	14.53 0.60 0.00	19.75 0.73 -4.45	23.38 0.47 -13.98	50.71 0.45 -41.68	97.95 -0.02 -97.88	35.17 0.36 -27.25	22.38 0.73 -4.82	18.04 0.67 0.00
WATERSIDE____6 8 9 23538	21.96 0.97 -2.72	19.42 0.98 -1.04	18.85 0.96 -1.71	17.92 0.93 -1.69	18.70 1.02 0.00	19.83 1.06 -1.21	53.19 0.94 -37.03	25.33 1.52 -0.09	23.57 1.48 0.00	20.02 1.26 0.00	15.71 1.12 0.00	12.48 0.95 0.00	13.37 1.07 0.00	11.38 0.91 0.00	14.49 1.22 0.00	14.50 1.24 0.00	15.13 1.20 0.00	19.20 1.26 -3.37	20.27 0.76 -10.57	40.83 0.72 -31.53	74.47 0.02 -74.36	28.17 0.59 -20.02	21.66 1.29 -3.54	18.76 1.39 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.31 0.01 -0.03	17.42 0.01 -0.01	16.24 0.04 -0.02	15.36 0.03 -0.02	17.69 0.01 0.00	17.62 0.04 -0.01	15.71 0.03 -0.46	23.69 -0.03 0.00	21.94 -0.15 0.00	18.52 -0.24 0.00	14.43 -0.16 0.00	11.41 -0.12 0.00	12.18 -0.12 0.00	10.35 -0.12 0.00	13.13 -0.14 0.00	13.13 -0.13 0.00	13.82 -0.10 0.00	14.48 -0.09 0.00	8.92 -0.01 0.00	8.57 0.00 0.00	0.09 0.00 0.00	7.99 0.02 -0.42	17.60 -0.01 -0.79	18.69 -0.03 -1.34
WATSON____69_KV_BK 1 55734	41.73 1.73 -21.73	20.09 1.65 -1.04	20.64 1.61 -2.85	18.46 1.47 -1.69	19.37 1.69 0.00	20.37 1.59 -1.21	53.82 1.57 -37.03	26.05 2.25 -0.09	24.13 2.05 0.00	21.64 1.76 -1.12	28.67 1.52 -12.55	14.83 1.24 -2.06	23.77 1.38 -10.10	37.94 1.13 -26.34	26.24 1.45 -11.52	27.28 1.49 -12.53	38.59 1.53 -23.14	19.84 1.60 -3.67	23.68 1.02 -13.72	56.80 0.97 -47.25	77.23 0.04 -77.11	33.25 0.90 -24.80	23.00 2.00 -4.16	19.33 1.96 0.00
WDELAWARE__HYD 323627	21.79 1.31 -2.22	19.79 1.53 -0.86	19.01 1.45 -1.39	17.95 1.28 -1.37	19.14 1.46 0.00	20.00 1.44 -0.99	45.95 1.21 -29.52	25.82 2.03 -0.07	24.03 1.94 0.00	20.40 1.63 0.00	15.87 1.28 0.00	12.52 0.99 0.00	13.12 0.82 0.00	11.18 0.71 0.00	14.23 0.96 0.00	14.25 0.99 0.00	14.95 1.02 0.00	18.45 1.18 -2.70	18.38 0.94 -8.50	34.81 0.89 -25.34	59.78 0.01 -59.68	24.50 0.75 -16.19	21.37 1.67 -2.87	19.29 1.92 0.00
WEST BABYLON__IC 23714	41.64 1.65 -21.73	20.01 1.57 -1.04	20.54 1.53 -2.83	18.39 1.39 -1.69	19.28 1.60 0.00	20.28 1.50 -1.21	53.72 1.47 -37.03	25.92 2.12 -0.09	24.04 1.95 0.00	21.55 1.67 -1.12	28.61 1.46 -12.55	14.78 1.19 -2.06	23.71 1.32 -10.10	37.89 1.08 -26.34	26.20 1.41 -11.52	27.24 1.44 -12.53	38.53 1.46 -23.14	19.77 1.52 -3.67	23.63 0.97 -13.72	56.76 0.93 -47.25	77.22 0.03 -77.11	33.21 0.86 -24.80	22.90 1.91 -4.16	19.25 1.88 0.00
WEST CANADA__HYD 24049	18.26 0.00 0.00	17.40 0.01 0.00	16.20 0.02 0.00	15.32 0.01 0.00	17.69 0.02 0.00	17.60 0.03 0.00	15.24 0.03 0.00	23.72 0.00 0.00	22.08 -0.01 0.00	18.73 -0.04 0.00	14.58 -0.02 0.00	11.52 -0.01 0.00	12.29 0.00 0.00	10.47 -0.01 0.00	13.26 -0.01 0.00	13.25 -0.01 0.00	13.91 -0.01 0.00	14.57 0.00 0.00	8.95 0.01 0.00	8.59 0.01 0.00	0.09 0.00 0.00	7.98 0.01 -0.42	17.61 0.00 -0.79	18.73 0.02 -1.34
WESTERN_NY_WIND 24143	18.61 -0.01 -0.36	17.49 -0.04 -0.14	16.53 0.13 -0.22	15.61 0.09 -0.22	17.87 0.19 0.00	17.98 0.24 -0.16	20.12 0.07 -4.83	23.39 -0.34 -0.01	21.31 -0.77 0.00	18.19 -0.58 0.00	14.13 -0.47 0.00	11.12 -0.42 0.00	11.79 -0.51 0.00	10.78 0.30 0.00	13.03 -0.24 0.00	12.92 -0.34 0.00	13.51 -0.42 0.00	14.62 -0.42 -0.46	10.23 -0.15 -1.44	12.69 -0.19 -4.30	10.14 -0.04 -10.10	10.26 -0.04 -2.75	17.05 -0.27 -0.49	17.64 0.27 0.00

WESTOVER___LESR 323668	19.47 0.43 -0.78	18.08 0.38 -0.31	17.06 0.40 -0.48	16.15 0.36 -0.48	18.11 0.43 0.00	18.38 0.47 -0.34	25.97 0.38 -10.37	24.23 0.49 -0.03	22.55 0.47 0.00	19.11 0.34 0.00	14.88 0.28 0.00	11.77 0.23 0.00	12.54 0.24 0.00	10.71 0.24 0.00	13.55 0.27 0.00	13.53 0.27 0.00	14.19 0.27 0.00	15.86 0.31 -0.97	12.19 0.22 -3.04	17.85 0.21 -9.06	21.34 0.00 -21.26	13.53 0.19 -5.79	18.20 0.35 -1.02	17.86 0.49 0.00
WETHRSFD_WT_PWR 323626	18.98 0.24 -0.47	17.77 0.19 -0.18	16.82 0.35 -0.30	15.89 0.29 -0.29	18.10 0.42 0.00	18.20 0.42 -0.21	21.78 0.22 -6.34	23.64 -0.10 -0.02	22.12 0.03 0.00	18.88 0.11 0.00	14.73 0.13 0.00	11.66 0.12 0.00	12.37 0.08 0.00	10.65 0.17 0.00	13.38 0.11 0.00	13.33 0.07 0.00	13.90 -0.03 0.00	15.07 -0.10 -0.59	10.76 -0.03 -1.86	14.06 -0.06 -5.55	13.05 -0.05 -13.01	11.11 0.02 -3.54	17.36 -0.10 -0.63	17.76 0.39 0.00
WHAVSTOR_138KV_BK127 55557	21.82 0.93 -2.62	19.31 0.91 -1.01	18.71 0.89 -1.65	17.77 0.84 -1.62	18.62 0.94 0.00	19.72 0.98 -1.17	50.01 0.86 -33.93	25.14 1.34 -0.08	23.34 1.25 0.00	19.77 1.00 0.00	15.48 0.89 0.00	12.29 0.76 0.00	13.17 0.88 0.00	11.21 0.74 0.00	14.28 1.01 0.00	14.30 1.04 0.00	14.96 1.03 0.00	18.78 1.12 -3.09	19.33 0.69 -9.70	38.17 0.65 -28.94	68.32 0.01 -68.22	26.48 0.54 -18.38	21.21 1.13 -3.25	18.62 1.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.82 0.93 -2.62	19.31 0.91 -1.01	18.71 0.89 -1.65	17.77 0.84 -1.62	18.62 0.94 0.00	19.72 0.98 -1.17	50.01 0.86 -33.93	25.14 1.34 -0.08	23.34 1.25 0.00	19.77 1.00 0.00	15.48 0.89 0.00	12.29 0.76 0.00	13.17 0.88 0.00	11.21 0.74 0.00	14.28 1.01 0.00	14.30 1.04 0.00	14.96 1.03 0.00	18.78 1.12 -3.09	19.33 0.69 -9.70	38.17 0.65 -28.94	68.32 0.01 -68.22	26.48 0.54 -18.38	21.21 1.13 -3.25	18.62 1.24 0.00
WHITEHAL_115KV_TB1 80871	23.11 1.27 -3.57	19.86 1.07 -1.39	19.43 1.02 -2.23	18.49 0.98 -2.20	18.94 1.26 0.00	20.45 1.28 -1.60	64.33 1.20 -47.92	25.13 1.30 -0.11	22.90 0.81 0.00	19.58 0.82 0.00	15.14 0.55 0.00	11.90 0.37 0.00	12.76 0.46 0.00	10.91 0.44 0.00	13.86 0.59 0.00	13.95 0.69 0.00	14.95 1.03 0.00	20.20 1.19 -4.44	23.58 0.70 -13.95	50.83 0.67 -41.59	97.71 -0.07 -97.69	35.25 0.49 -27.21	22.71 1.07 -4.82	18.38 1.01 0.00
WHITEPLN_13_KV_LOAD 356215	22.08 1.10 -2.72	19.50 1.06 -1.04	18.91 1.03 -1.71	17.97 0.98 -1.68	18.78 1.10 0.00	19.90 1.12 -1.21	53.18 0.97 -36.99	25.37 1.56 -0.09	23.62 1.53 0.00	20.02 1.25 0.00	15.66 1.07 0.00	12.43 0.90 0.00	13.31 1.01 0.00	11.33 0.85 0.00	14.43 1.15 0.00	14.44 1.18 0.00	15.10 1.17 0.00	19.19 1.26 -3.36	20.27 0.77 -10.56	40.81 0.73 -31.50	74.38 0.01 -74.28	28.18 0.62 -20.00	21.69 1.32 -3.54	18.81 1.44 0.00
WM_FLOYD_69_KV_BK2 356380	41.63 1.64 -21.73	20.01 1.57 -1.04	20.57 1.53 -2.86	18.40 1.40 -1.69	19.29 1.61 0.00	20.27 1.49 -1.21	53.74 1.49 -37.03	25.87 2.07 -0.09	23.95 1.86 0.00	21.44 1.56 -1.12	28.49 1.35 -12.55	14.68 1.10 -2.06	23.61 1.22 -10.10	37.80 0.99 -26.34	26.06 1.26 -11.52	27.11 1.32 -12.53	38.44 1.37 -23.14	19.71 1.47 -3.67	23.62 0.96 -13.72	56.75 0.92 -47.25	77.22 0.03 -77.11	33.20 0.84 -24.80	22.85 1.86 -4.16	19.19 1.82 0.00
WOODARD__115KV_TB2 355635	18.32 -0.21 -0.26	17.28 -0.21 -0.10	16.19 -0.15 -0.16	15.31 -0.16 -0.16	17.51 -0.17 0.00	17.56 -0.12 -0.11	18.64 -0.15 -3.57	23.36 -0.37 -0.01	21.78 -0.31 0.00	18.48 -0.29 0.00	14.38 -0.22 0.00	11.35 -0.18 0.00	12.09 -0.21 0.00	10.31 -0.16 0.00	13.06 -0.21 0.00	13.05 -0.21 0.00	13.72 -0.21 0.00	14.70 -0.20 -0.33	9.88 -0.09 -1.03	11.56 -0.09 -3.08	7.30 -0.01 -7.22	9.46 -0.06 -1.97	16.95 -0.22 -0.35	17.17 -0.13 0.07
YORK___WARBASSE 23770	22.01 1.02 -2.72	19.45 1.01 -1.04	18.88 1.00 -1.71	17.94 0.95 -1.69	18.73 1.05 0.00	19.86 1.08 -1.21	53.21 0.96 -37.03	25.36 1.55 -0.09	23.60 1.52 0.00	20.04 1.27 0.00	15.74 1.15 0.00	12.51 0.98 0.00	13.40 1.11 0.00	11.40 0.93 0.00	14.53 1.26 0.00	14.54 1.28 0.00	15.18 1.25 0.00	19.25 1.31 -3.37	20.31 0.80 -10.57	40.86 0.75 -31.53	74.48 0.02 -74.36	28.20 0.62 -20.02	21.73 1.35 -3.54	18.84 1.47 0.00